Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008786.D
Acq On : 22 Jan 2017 00:24
Operator : UM/SJ
Sample : I1323-21
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA9R6

Manual Integrations APPROVED
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Quant Time: Jan 23 10:28:55 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 04:58:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	68521	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	335311	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.58	164	325175	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	735036	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	901769	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	787760	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	1699	1.15	ng/uL	0.00
5) Phenol-d5	7.10	99	35177	6.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	147116	38.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	95039	24.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	68371	15.66	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	63894	30.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	85615	38.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	162421	31.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	11621m	2.03	ng/ul	-0.02
43) Dimethylphthalate-d6	13.99	166	740002	34.49	ng/ul	0.00
46) Acenaphthylene-d8	14.28	160	880697	34.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.79	143	38948m	11.10	ng/ul	0.03
57) Fluorene-d10	15.57	176	682245	34.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.43	188	1160084	36.63	ng/ul	0.00
76) Pyrene-d10	19.71	212	1404601	35.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	1222432	38.05	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.13	94	95546	15.80	ng/ul#	45
21) Isophorone	9.69	82	61723	4.75	ng/ul#	86
28) Naphthalene	10.82	128	8108698	529.16	ng/ul	99
34) 2-Methylnaphthalene	12.41	142	624330	52.56	ng/ul	97
39) 2,4,5-Trichlorophenol	13.09	196	526269	82.98	ng/ul	98
40) 1,1'-Biphenyl	13.42	154	125957	6.18	ng/ul#	95
49) Acenaphthene	14.64	153	311924	18.18	ng/ul#	52
53) Dibenzofuran	14.98	168	901633	34.53	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.21	232	26200m	4.37	ng/ul	
58) Fluorene	15.63	166	673334	31.46	ng/ul	98
68) Pentachlorophenol	16.97	266	178266	33.25	ng/ul	94
69) Phenanthrene	17.37	178	950997	26.88	ng/ul	97
71) Anthracene	17.46	178	49196m	1.35	ng/ul	
72) Carbazole	17.73	167	1173895	36.27	ng/ul	96
74) Fluoranthene	19.37	202	56873	1.25	ng/ul	99

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

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Acq On : 22 Jan 2017 00:24
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Instrument :
BNA_M
ClientSampleId :
DA9R6

Manual Integrations APPROVED
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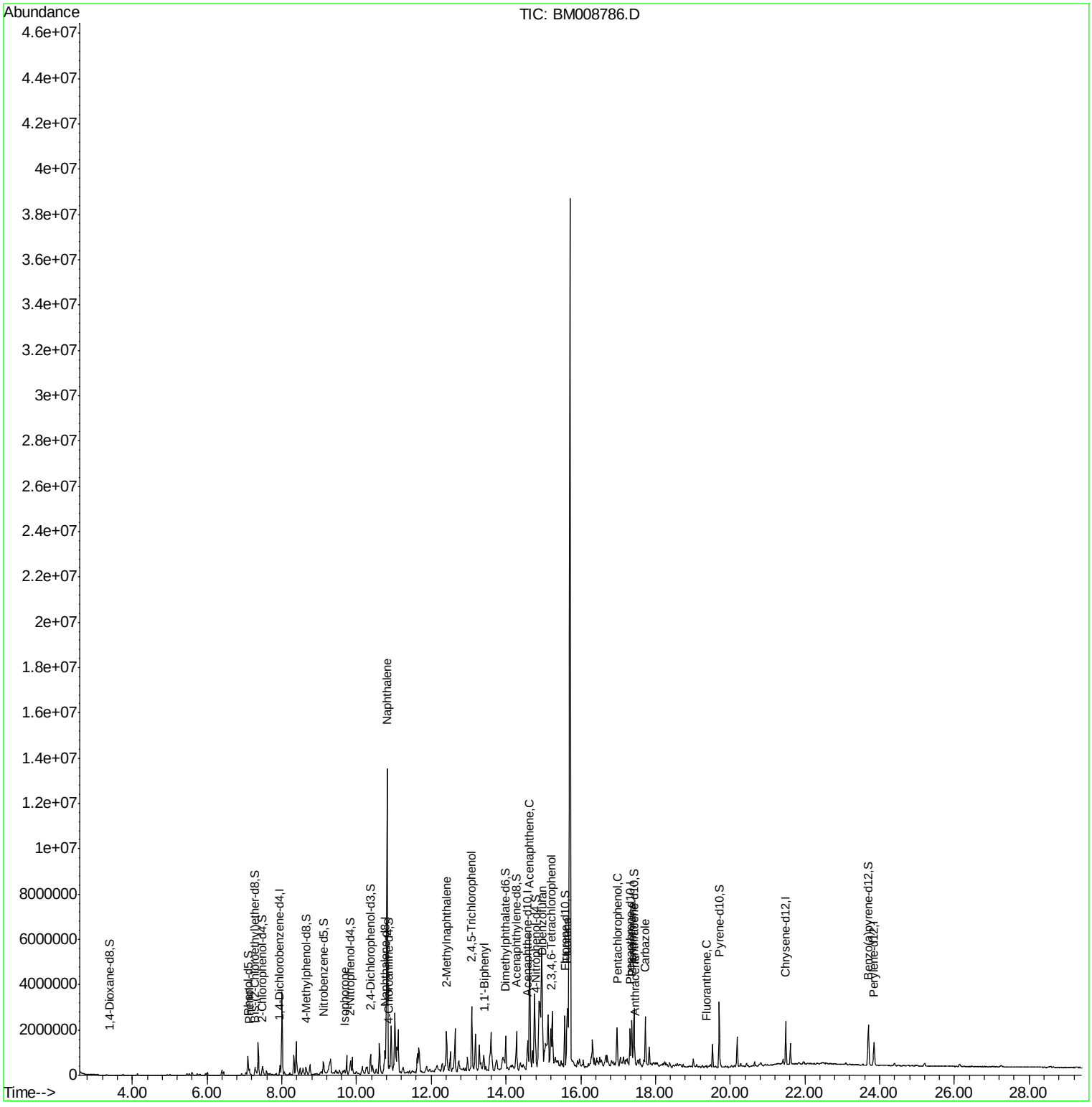
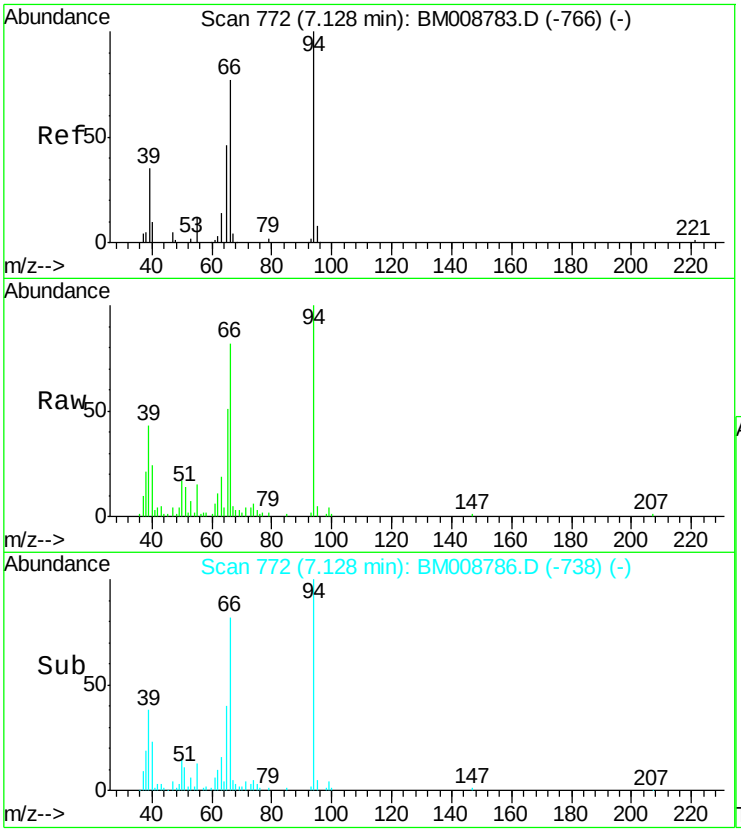
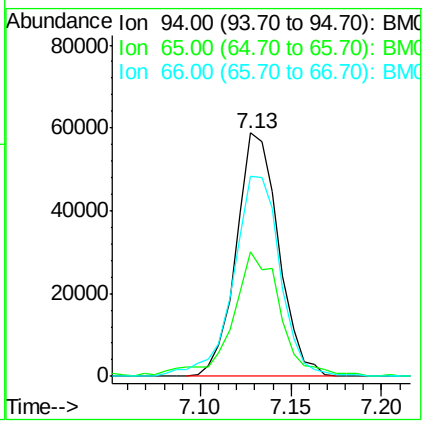




#6
Phenol
Concen: 15.80 ng/ul
RT: 7.13 min Scan# 772
Delta R.T. 0.00 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion: 94 Resp: 95546

Ion	Ratio	Lower	Upper
94	100		
65	51.1	23.1	34.7#
66	82.4	33.7	50.5#



Instrument :
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ClientSampleId :
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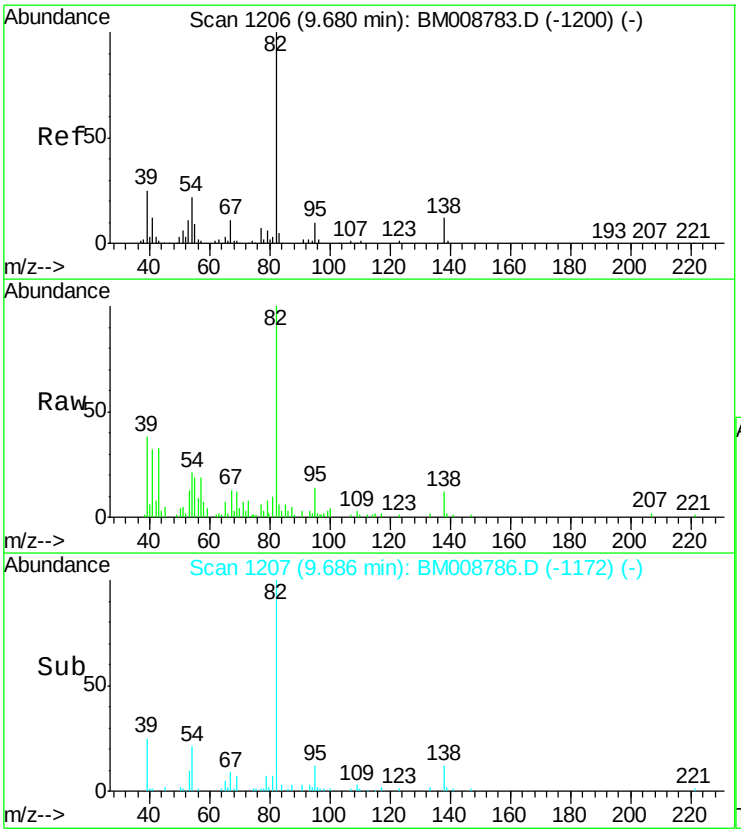
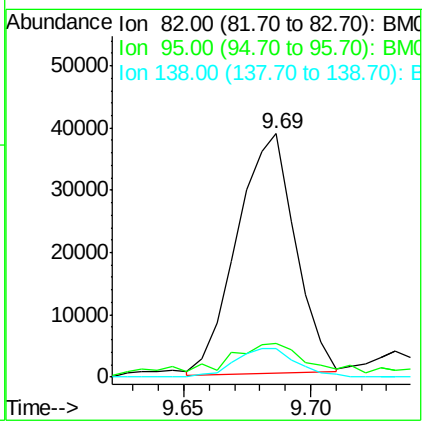
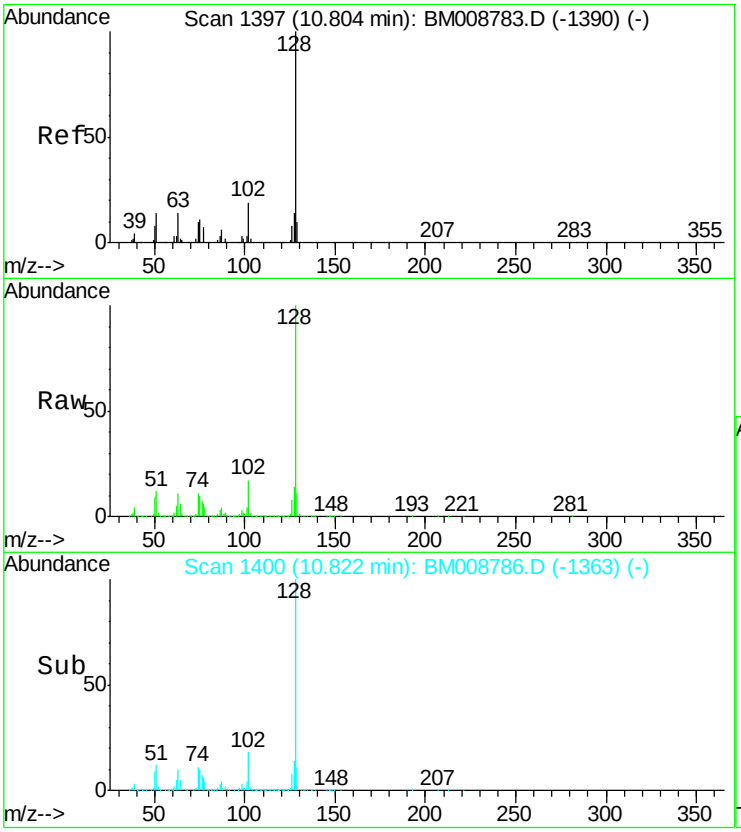


#21
Isophorone
Concen: 4.75 ng/ul
RT: 9.69 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion: 82 Resp: 61723

Ion	Ratio	Lower	Upper
82	100		
95	14.1	6.1	9.1#
138	11.7	13.4	20.2#

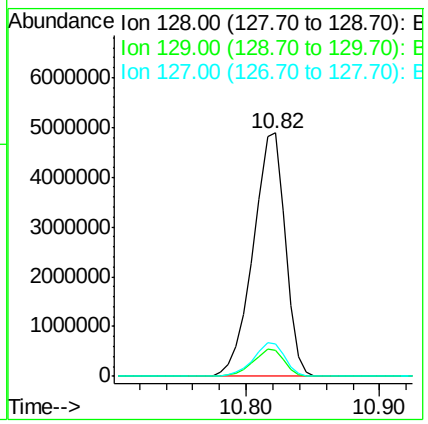




#28
Naphthalene
Concen: 529.16 ng/ul
RT: 10.82 min Scan# 1400
Delta R.T. 0.02 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion:128 Resp: 8108698

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.3	12.5
127	13.6	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
DA9R6

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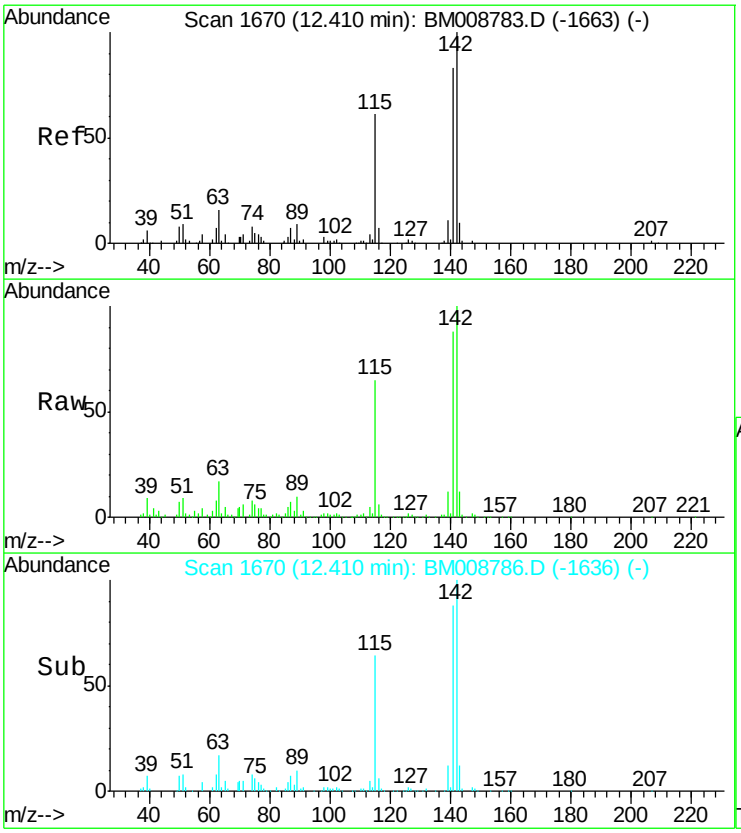
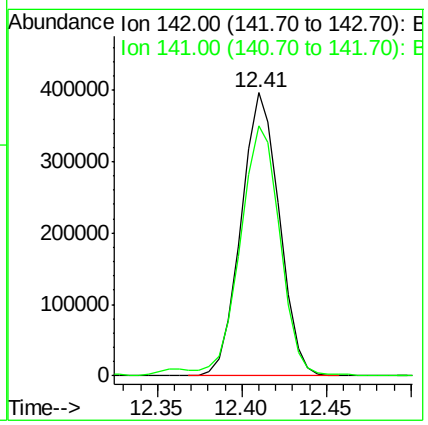
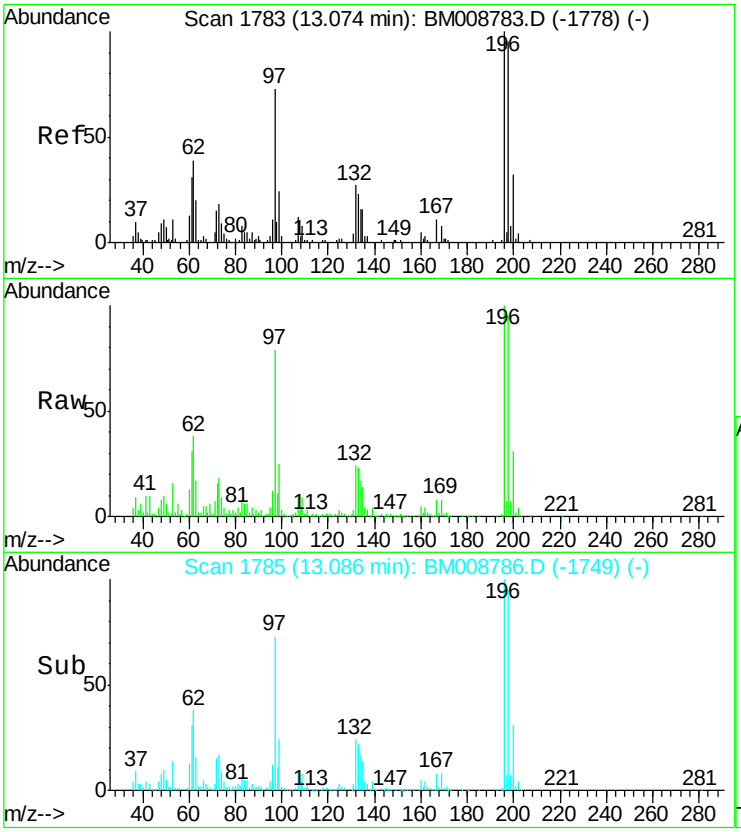


#34
2-Methylnaphthalene
Concen: 52.56 ng/ul
RT: 12.41 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion:142 Resp: 624330

Ion	Ratio	Lower	Upper
142	100		
141	88.2	73.0	109.4





#39
2,4,5-Trichlorophenol
Concen: 82.98 ng/ul
RT: 13.09 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion:196 Resp: 526269

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.8	116.6
200	31.3	23.6	35.4

Instrument :
BNA_M
ClientSampleId :
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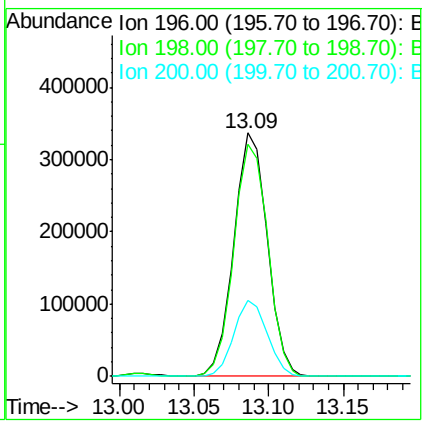
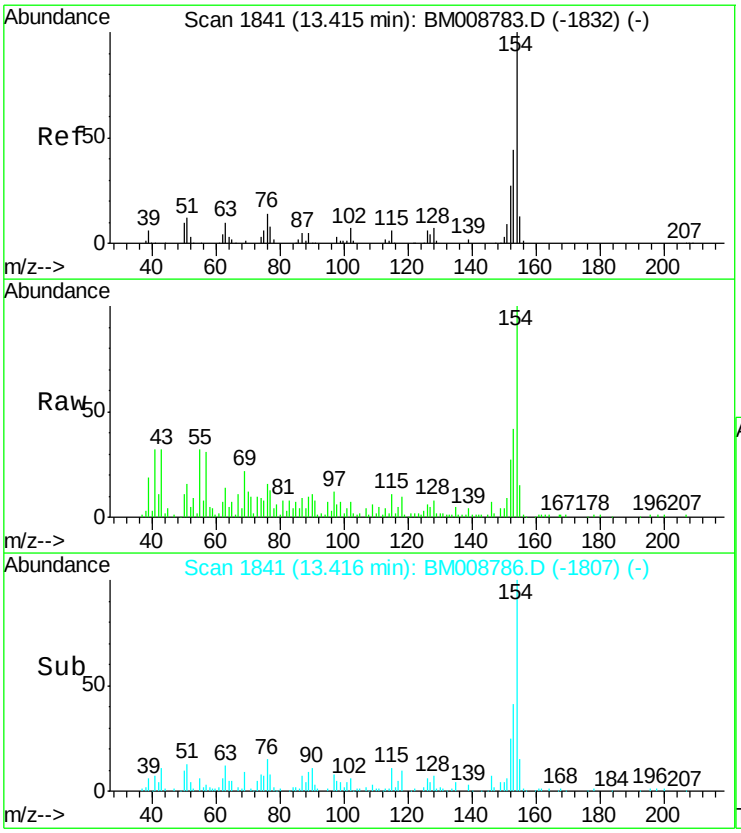
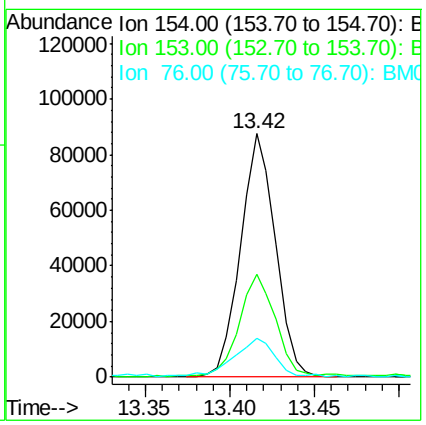


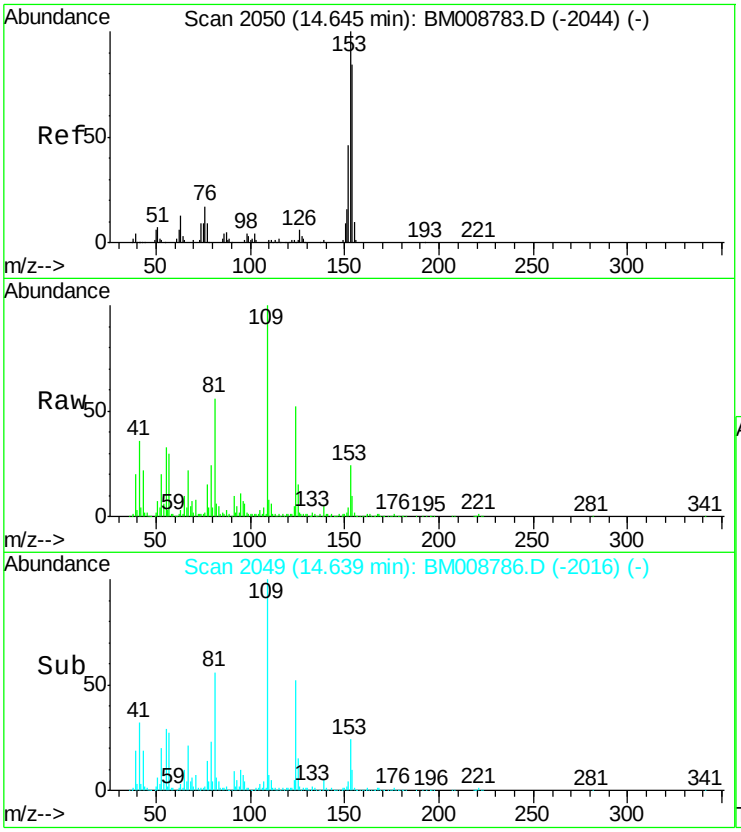


#40
1,1'-Biphenyl
Concen: 6.18 ng/ul
RT: 13.42 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion:154 Resp: 125957

Ion	Ratio	Lower	Upper
154	100		
153	42.2	32.2	48.4
76	15.8	9.8	14.6#

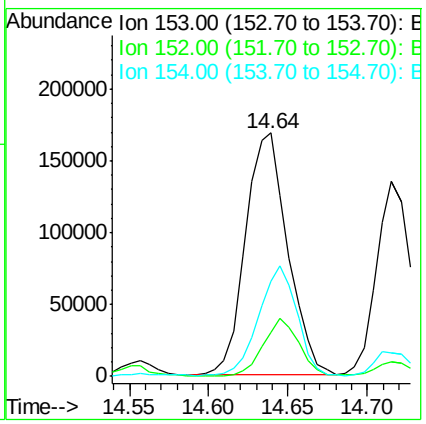




#49
Acenaphthene
Concen: 18.18 ng/ul
RT: 14.64 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion:153 Resp: 311924

Ion	Ratio	Lower	Upper
153	100		
152	18.2	36.4	54.6#
154	39.3	68.7	103.1#



Instrument :
BNA_M
ClientSampleId :
DA9R6

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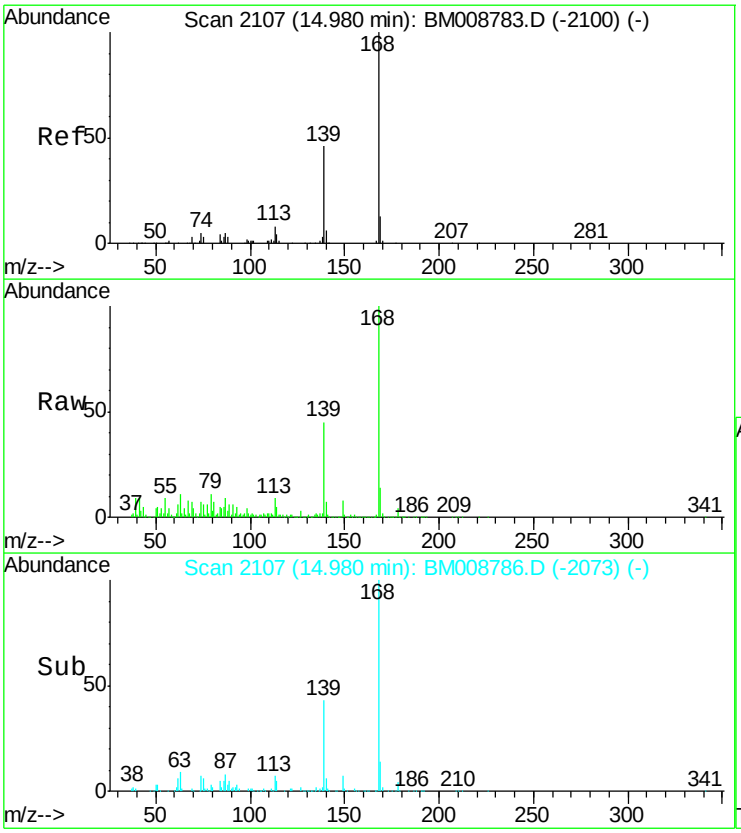
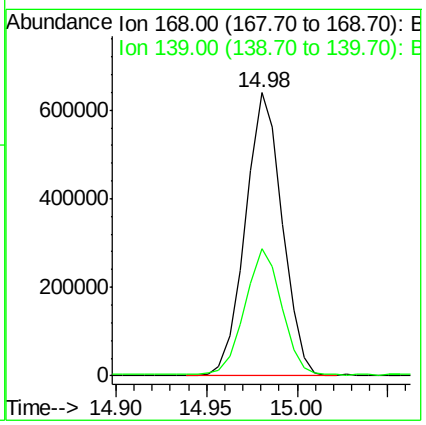
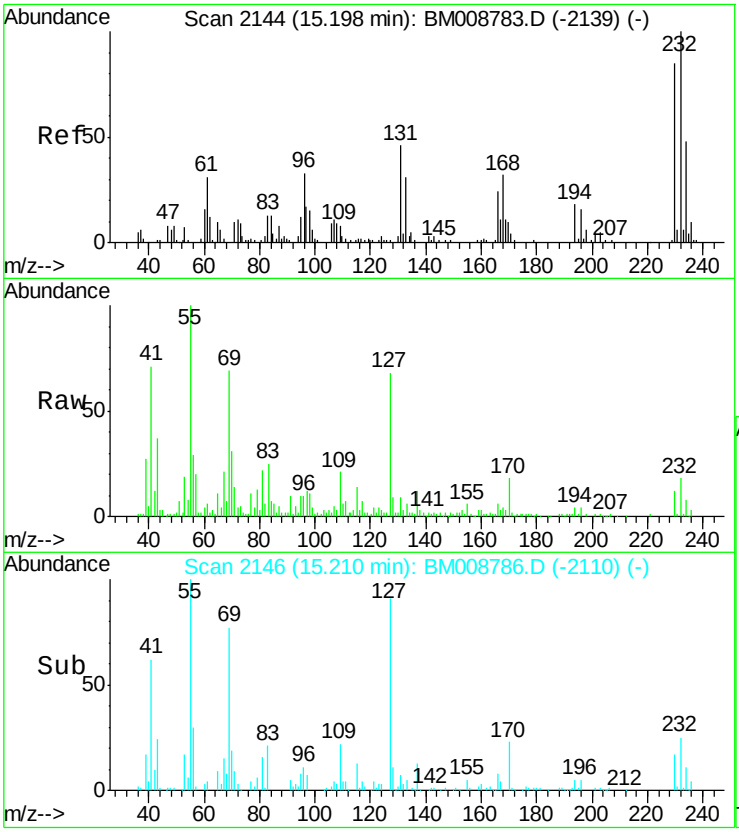


#53
Dibenzofuran
Concen: 34.53 ng/ul
RT: 14.98 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion:168 Resp: 901633

Ion	Ratio	Lower	Upper
168	100		
139	44.8	30.3	45.5





#55
2,3,4,6-Tetrachlorophenol
Concen: 4.37 ng/ul m
RT: 15.21 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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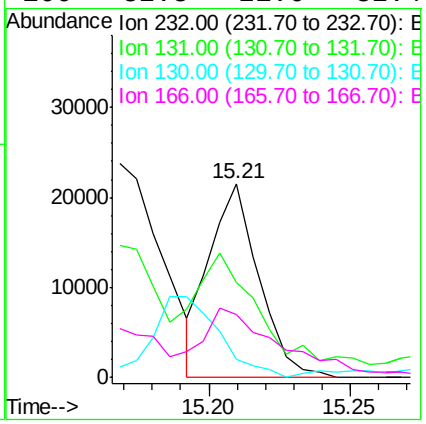
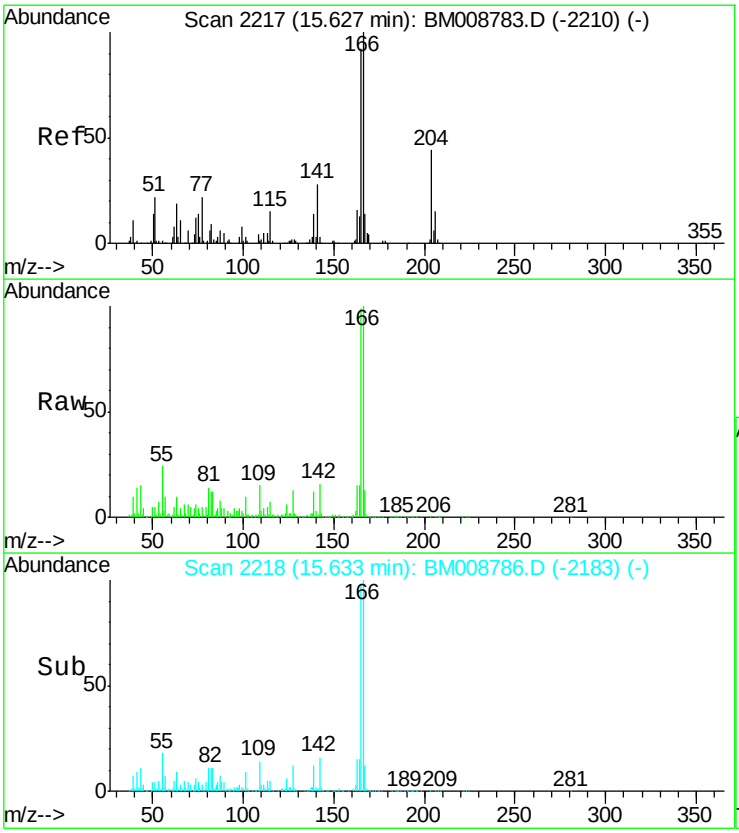
Tgt Ion:232 Resp: 26200

Ion	Ratio	Lower	Upper
232	100		
131	48.7	31.8	47.8#
130	9.6	1.8	2.6#
166	32.3	21.6	32.4

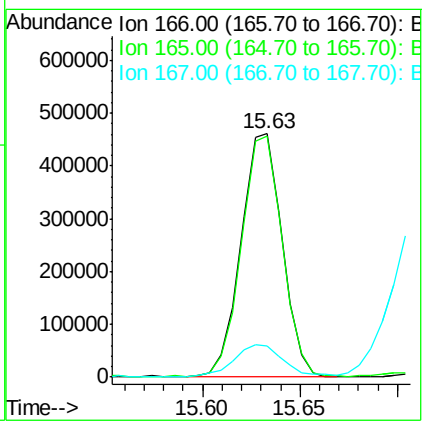


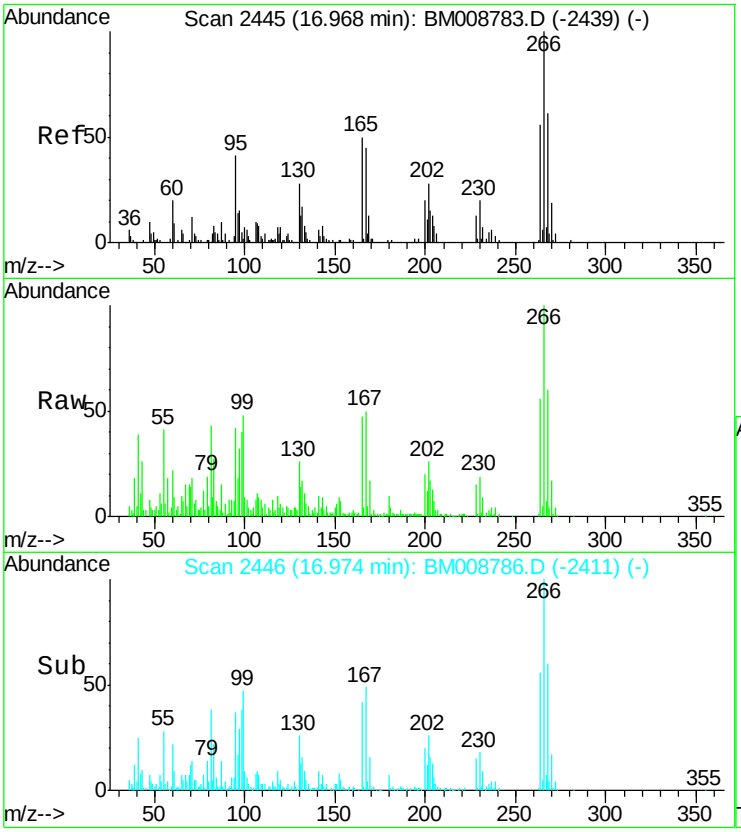


#58
Fluorene
Concen: 31.46 ng/ul
RT: 15.63 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion:166 Resp: 673334

Ion	Ratio	Lower	Upper
166	100		
165	98.8	80.2	120.2
167	12.6	10.9	16.3

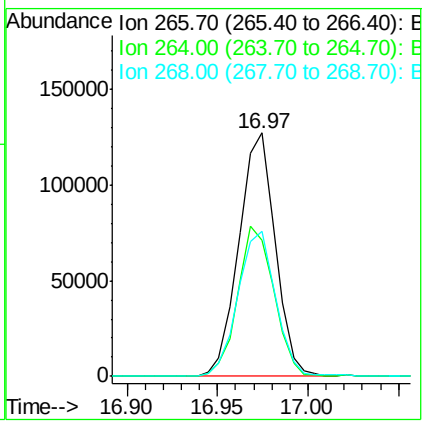




#68
Pentachlorophenol
Concen: 33.25 ng/ul
RT: 16.97 min Scan# 2446
Delta R.T. 0.01 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion:266 Resp: 178266

Ion	Ratio	Lower	Upper
266	100		
264	55.7	50.6	75.8
268	59.6	49.1	73.7



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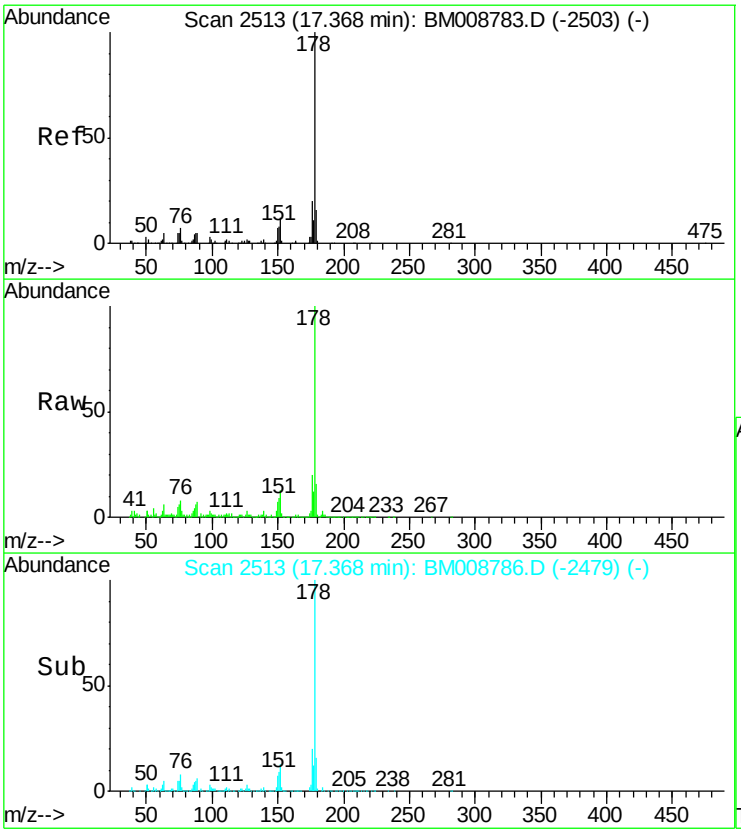
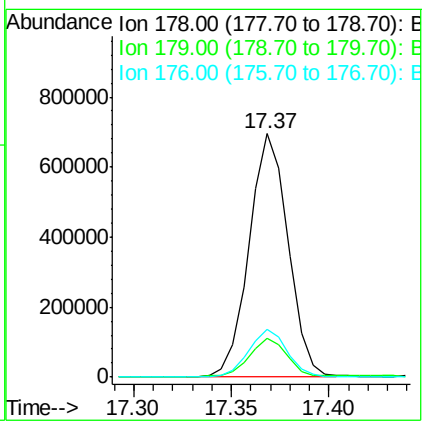
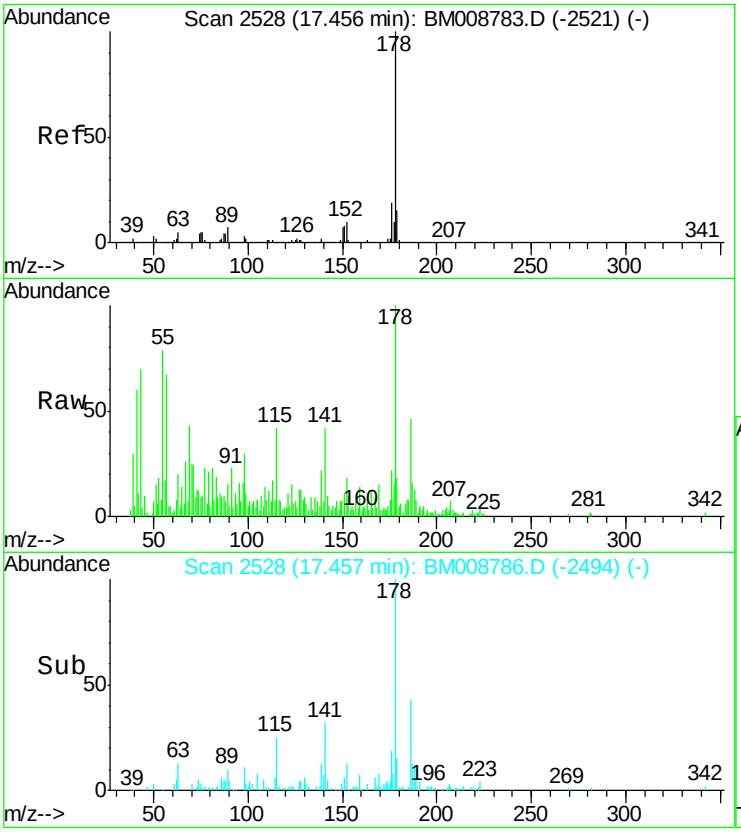


#69
Phenanthrene
Concen: 26.88 ng/ul
RT: 17.37 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion:178 Resp: 950997

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.2
176	19.8	14.7	22.1

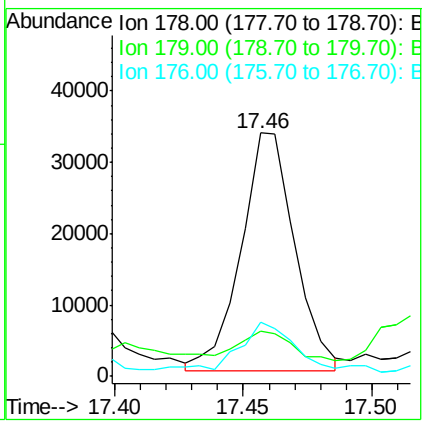




#71
Anthracene
Concen: 1.35 ng/ul m
RT: 17.46 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion:178 Resp: 49196

Ion	Ratio	Lower	Upper
178	100		
179	18.4	11.8	17.8#
176	22.0	14.6	21.8#



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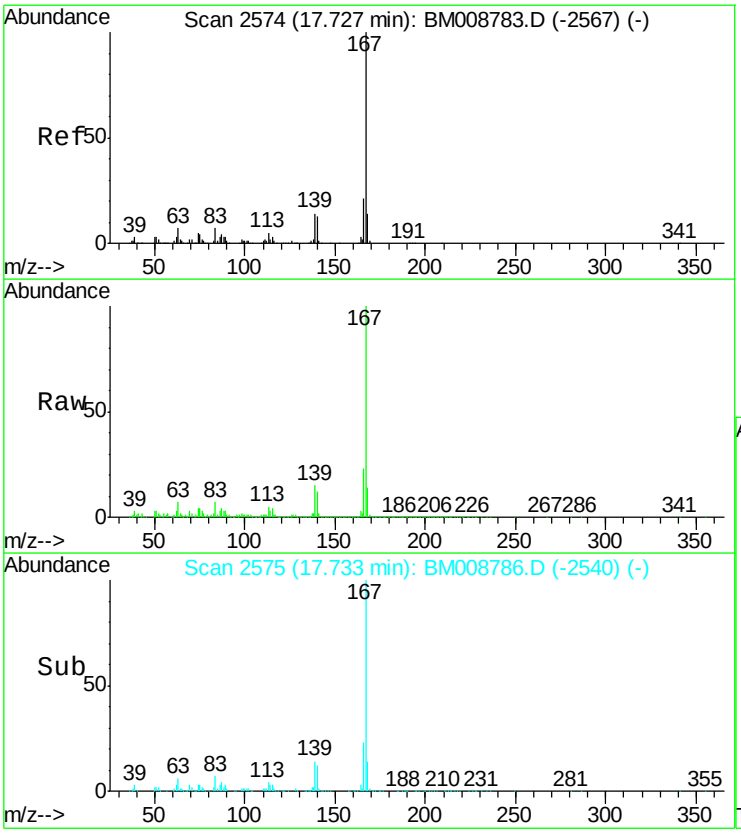
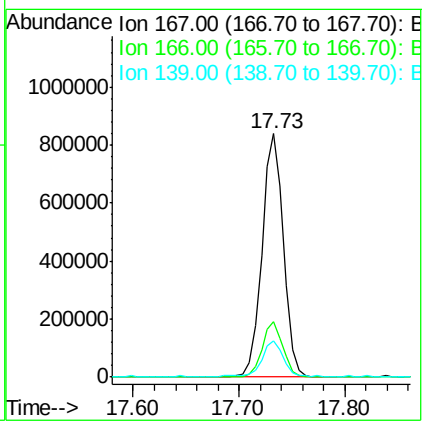
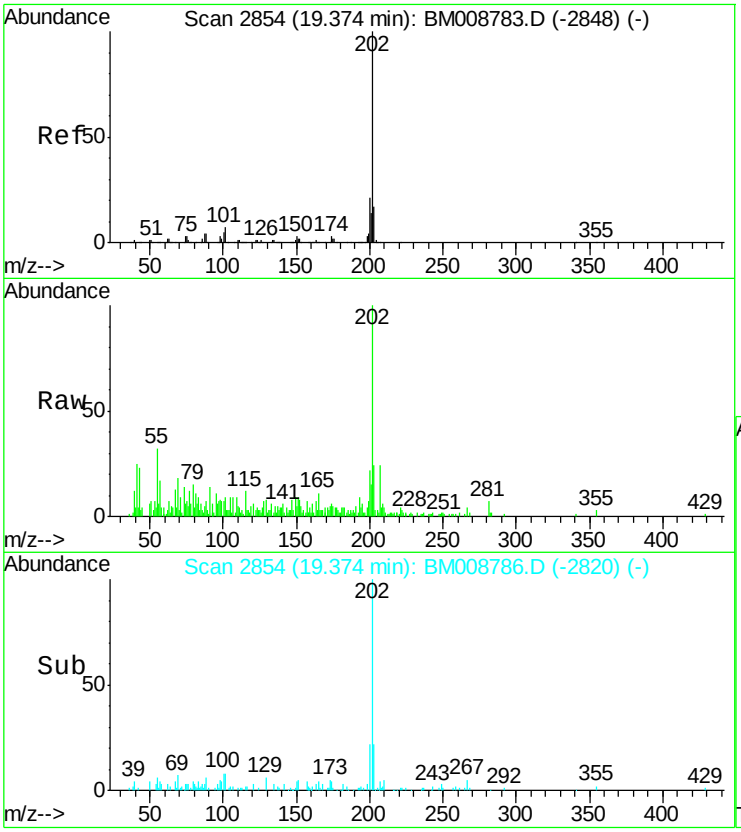


#72
Carbazole
Concen: 36.27 ng/ul
RT: 17.73 min Scan# 2575
Delta R.T. 0.01 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion:167 Resp: 1173895

Ion	Ratio	Lower	Upper
167	100		
166	22.8	16.8	25.2
139	15.1	10.4	15.6





#74
Fluoranthene
Concen: 1.25 ng/ul
RT: 19.37 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BM008786.D
Acq: 22 Jan 2017 00:24

Tgt Ion:202 Resp: 56873

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.1	10.7
100	7.3	5.4	8.0

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Manual Integrations APPROVED
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