Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072115\
Data File : BM002002.D
Acq On : 22 Jul 2015 01:00
Operator : TP/UM
Sample : SSTD16065
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16065

Manual Integrations APPROVED
apatel
7/22/2015 2:34:35 PM

Quant Time: Jul 22 03:24:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 22 00:57:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	87132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	410746	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	216335	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	434689	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	357974	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	346437	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.80	99	1026821	144.24	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.97	67	567025	143.78	ng/ul	0.01
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.35	113	863546	150.96	ng/ul	0.02
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.56	131	463687	66.49	ng/ul	0.00
43) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
51) 4-Nitrophenol-d4	14.52	143	430803	149.27	ng/ul	0.02
57) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	15.43	200	461457	169.17	ng/ul	0.02
70) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
78) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
89) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds						Qvalue
4) Benzaldehyde	6.77	77	101837	29.82	ng/ul	97
6) Phenol	6.83	94	1069835	146.05	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.06	93	809310	150.59	ng/ul	99
11) 2-Methylphenol	8.07	108	827934	149.96	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	869309	143.11	ng/ul	97
14) Acetophenone	8.46	105	1528680	168.90	ng/ul	98
16) 4-Methylphenol	8.42	108	986694	163.51	ng/ul	96
30) 4-Chloroaniline	10.58	127	498308	68.98	ng/ul	99
32) Caprolactam	11.40	113	386284m	129.56	ng/ul	
37) Hexachlorocyclopentadiene	12.43	237	765765	168.42	ng/ul	99
48) 3-Nitroaniline	14.21	138	325320	101.75	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	350698	165.45	ng/ul	96
52) 4-Nitrophenol	14.53	109	350250	132.72	ng/ul	99
60) 4-Nitroaniline	15.39	138	491740	146.72	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.44	198	484724	166.71	ng/ul#	95
67) Atrazine	16.52	200	593005	119.87	ng/ul	99
68) Pentachlorophenol	16.69	266	509387	156.43	ng/ul	97
74) Carbazole	17.44	167	3094547	150.86	ng/ul	100
76) Fluoranthene	19.10	202	2773201	106.10	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.16	252	849282	125.90	ng/ul	99
86) Di-n-octyl phthalate	22.02	149	2971353	129.72	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072115\
Data File : BM002002.D
Acq On : 22 Jul 2015 01:00
Operator : TP/UM
Sample : SSTD16065
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD16065

Manual Integrations APPROVED
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Quant Time: Jul 22 03:24:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 22 00:57:39 2015
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 (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072115\
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Manual Integrations APPROVED
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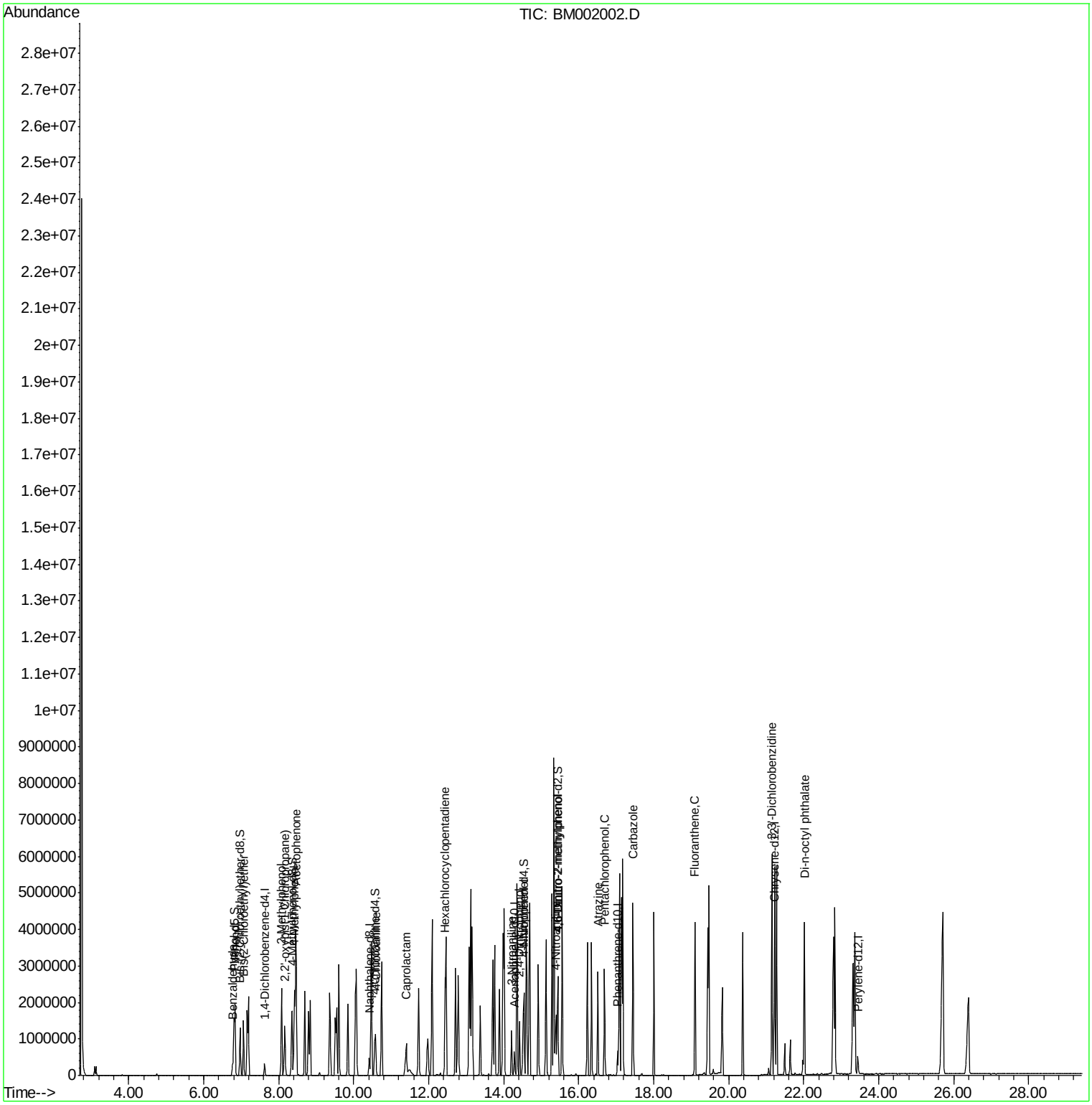
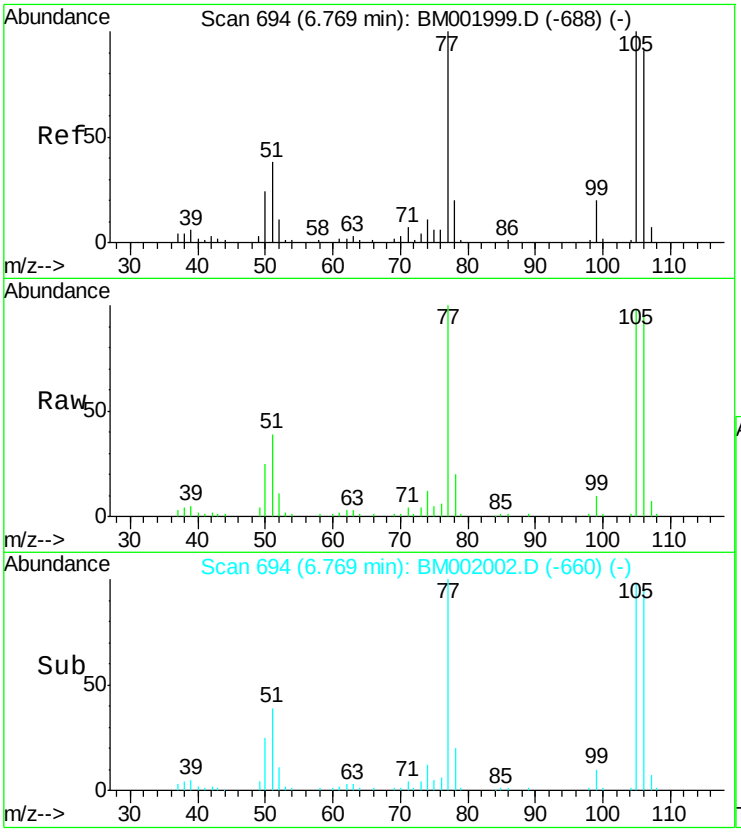
7/22/2015 2:34:35 PM





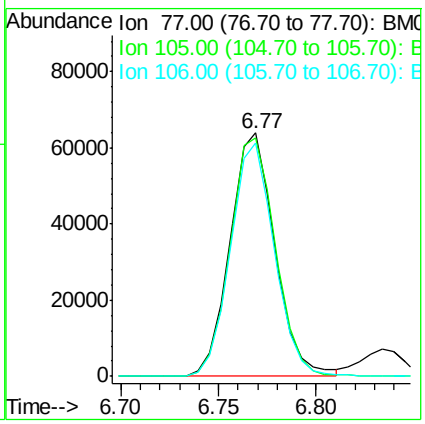
#4
Benzaldehyde
Concen: 29.82 ng/ul
RT: 6.77 min Scan# 694
Delta R.T. 0.00 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

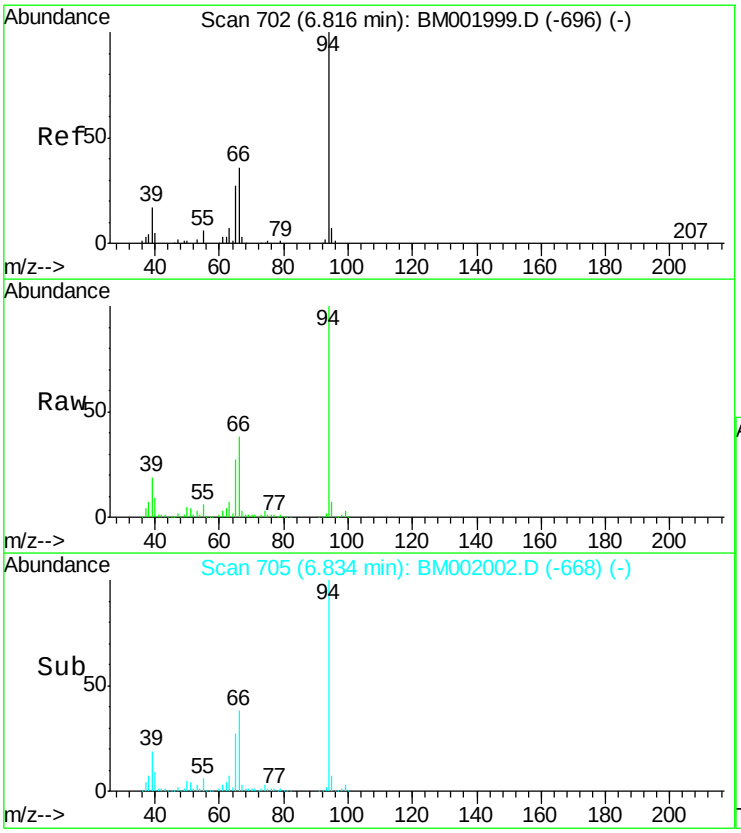
Tgt Ion: 77 Resp: 101837

Ion	Ratio	Lower	Upper
77	100		
105	98.1	79.6	119.4
106	95.8	72.5	108.7

Instrument :
BNA_M
ClientSampleId :
SSTD16065

Manual Integrations APPROVED
apatel
7/22/2015 2:34:35 PM

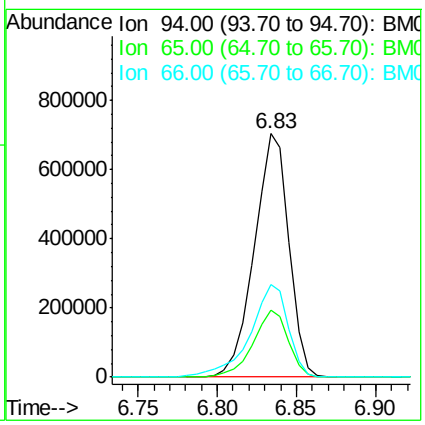


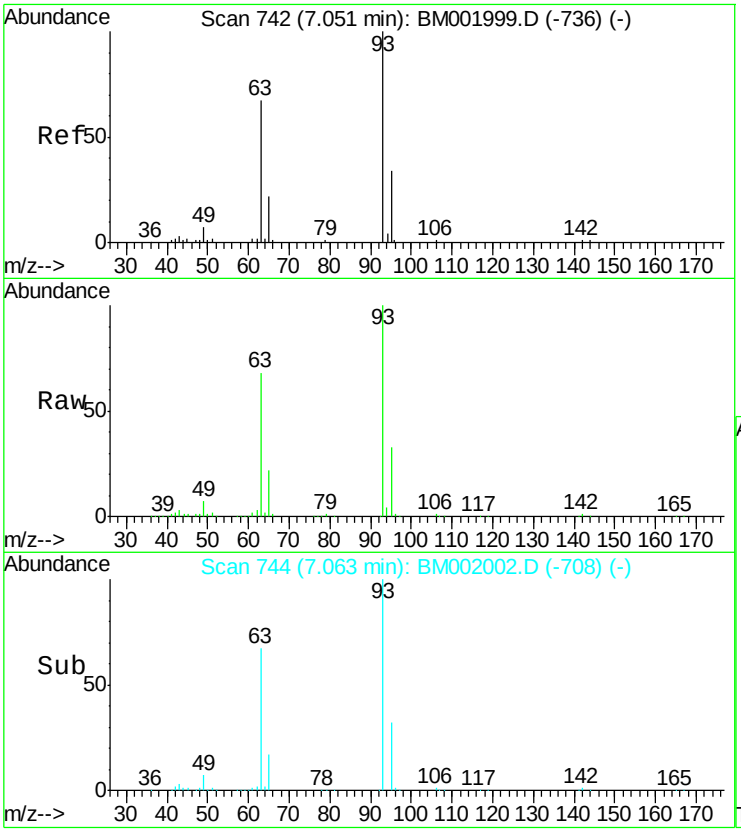


#6
Phenol
Concen: 146.05 ng/ul
RT: 6.83 min Scan# 705
Delta R.T. 0.02 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion: 94 Resp: 1069835

Ion	Ratio	Lower	Upper
94	100		
65	27.3	21.8	32.6
66	38.0	30.6	46.0





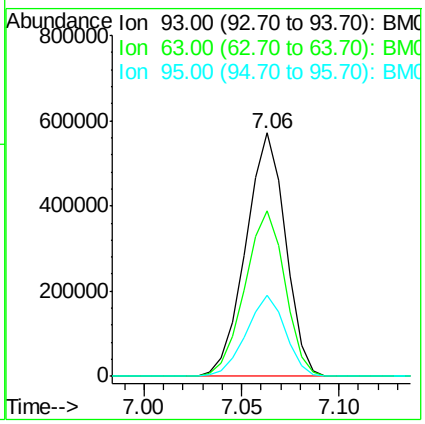
#8
Bis(2-Chloroethyl)ether
Concen: 150.59 ng/ul
RT: 7.06 min Scan# 744
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

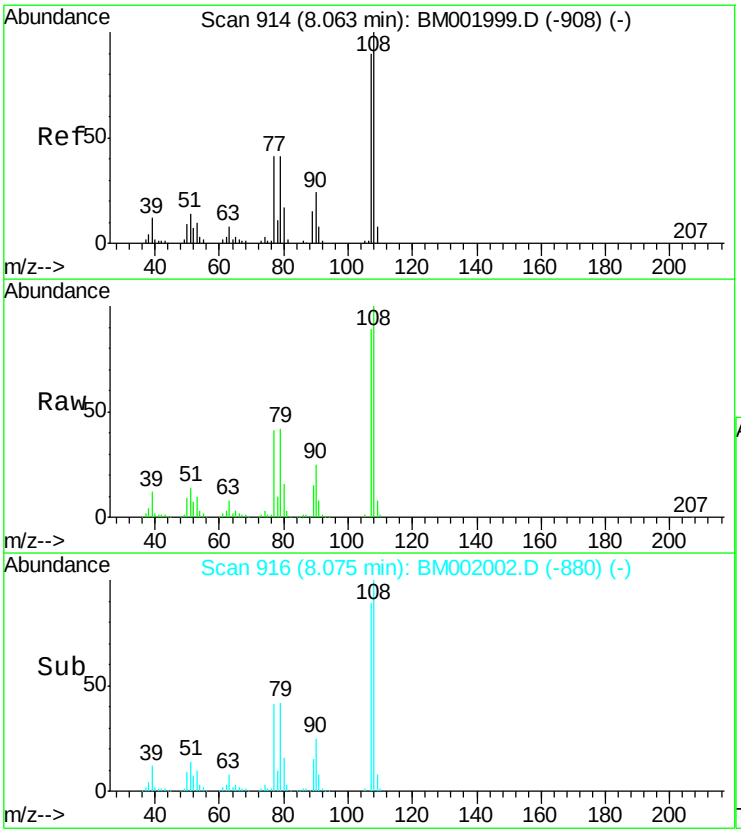
Tgt Ion: 93 Resp: 809310

Ion	Ratio	Lower	Upper
93	100		
63	68.2	53.8	80.8
95	33.3	26.9	40.3

Instrument :
BNA_M
ClientSampleId :
SSTD16065

Manual Integrations APPROVED
apatel
7/22/2015 2:34:35 PM

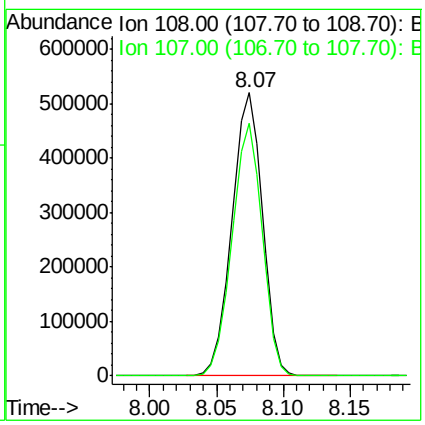


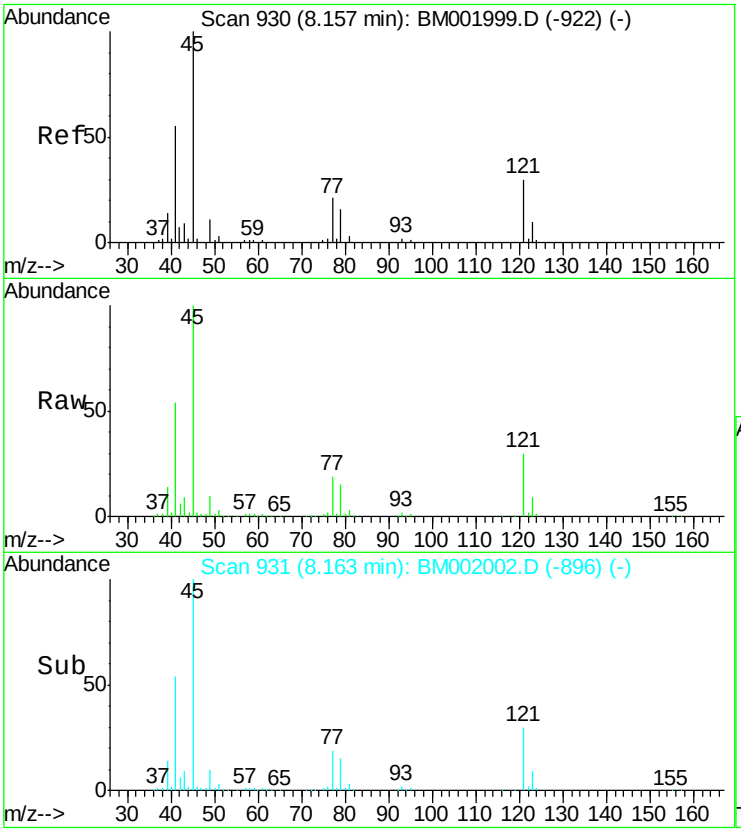


#11
2-Methylphenol
Concen: 149.96 ng/ul
RT: 8.07 min Scan# 916
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:108 Resp: 827934

Ion	Ratio	Lower	Upper
108	100		
107	89.1	72.3	108.5





#12
2,2'-oxybis(1-Chloropropane)
Concen: 143.11 ng/ul
RT: 8.16 min Scan# 931
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Instrument :
BNA_M
ClientSampleId :
SSTD16065

Manual Integrations APPROVED
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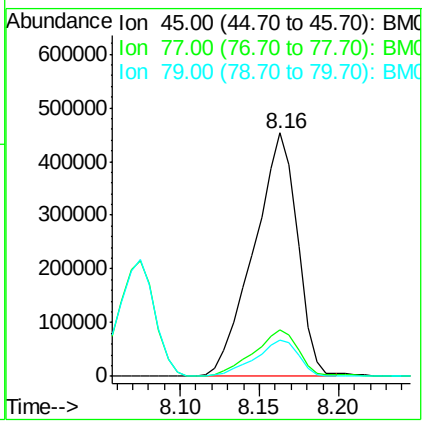
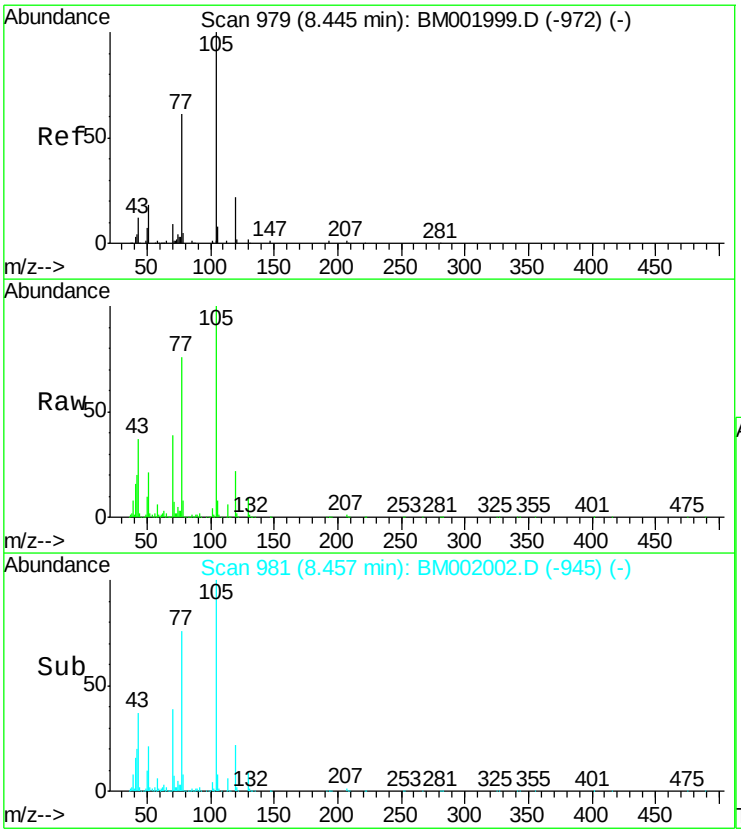
Tgt Ion: 45 Resp: 869309

Ion	Ratio	Lower	Upper
45	100		
77	19.2	16.5	24.7
79	14.9	13.0	19.4

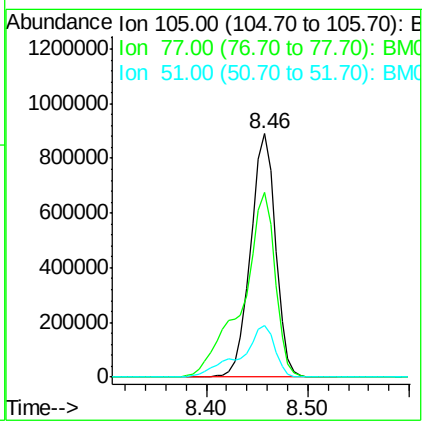


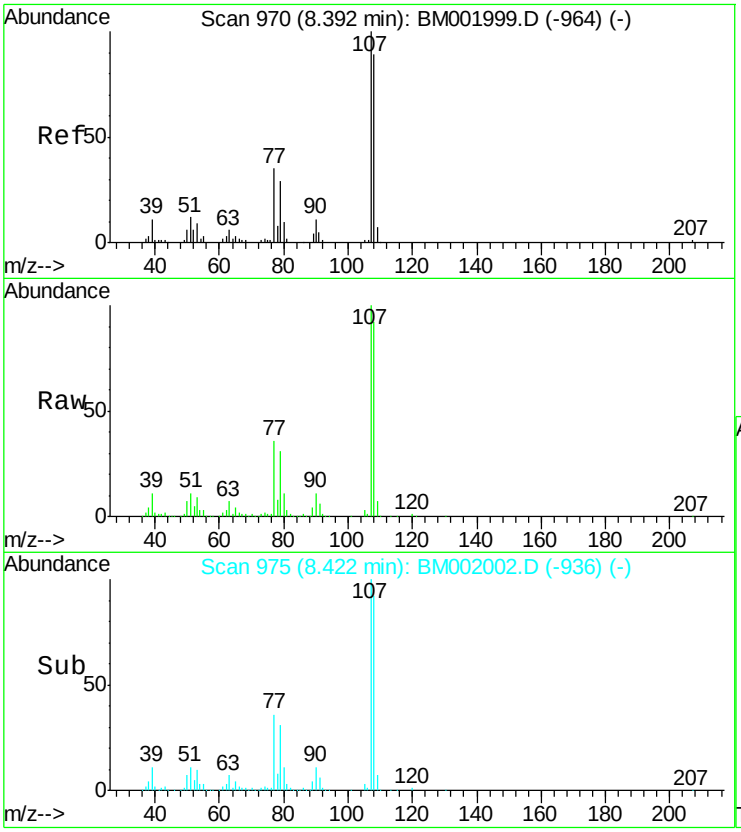


#14
Acetophenone
Concen: 168.90 ng/ul
RT: 8.46 min Scan# 981
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:105 Resp: 1528680

Ion	Ratio	Lower	Upper
105	100		
77	76.0	59.6	89.4
51	21.2	17.6	26.4





#16
4-Methylphenol
Concen: 163.51 ng/ul
RT: 8.42 min Scan# 975
Delta R.T. 0.03 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:108 Resp: 986694

Ion	Ratio	Lower	Upper
108	100		
107	108.6	90.0	135.0

Instrument :
BNA_M
ClientSampleId :
SSTD16065

Manual Integrations APPROVED
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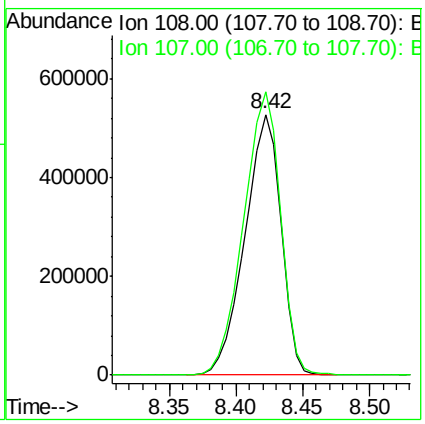
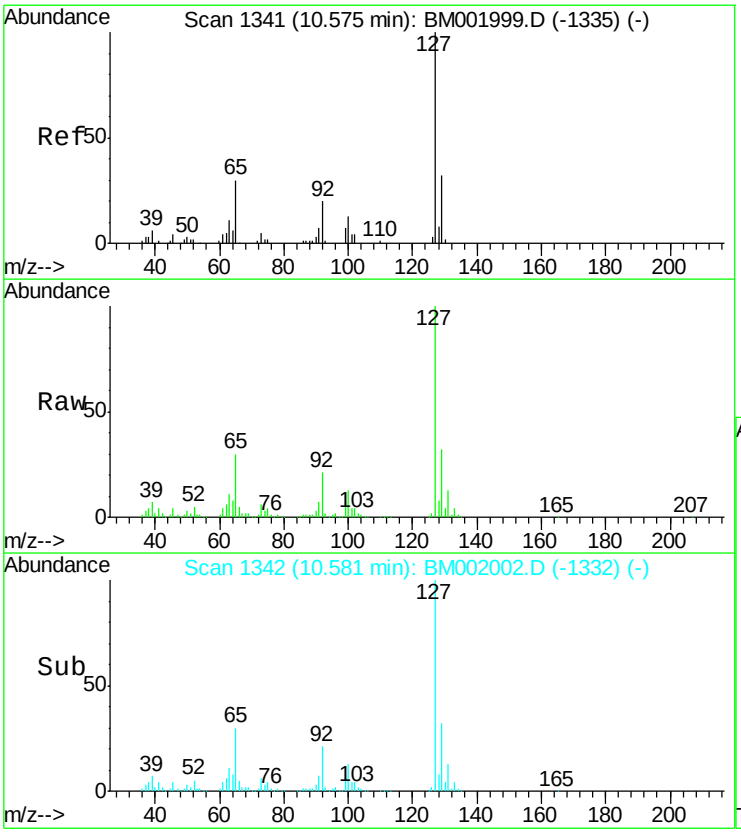
7/22/2015 2:34:35 PM

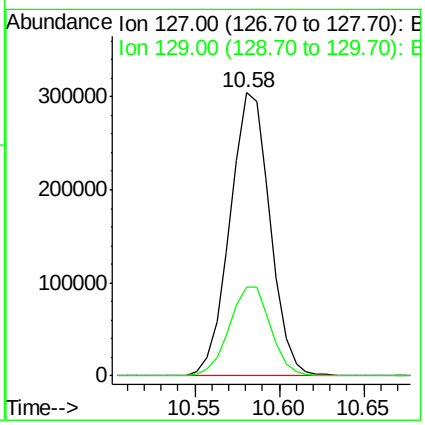


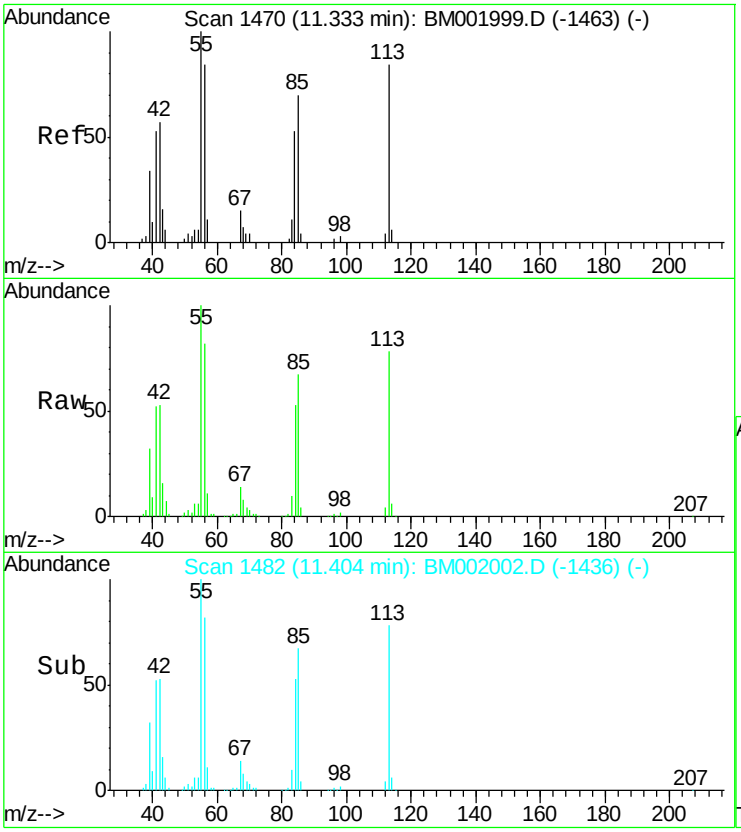


#30
4-Chloroaniline
Concen: 68.98 ng/ul
RT: 10.58 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:127 Resp: 498308

Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.6	38.4





#32
Caprolactam
Concen: 129.56 ng/ul m
RT: 11.40 min Scan# 1482
Delta R.T. 0.07 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:113 Resp: 386284

Ion	Ratio	Lower	Upper
113	100		
55	127.7	97.8	146.6
56	105.1	81.8	122.6

Instrument :
BNA_M
ClientSampleId :
SSTD16065

Manual Integrations APPROVED
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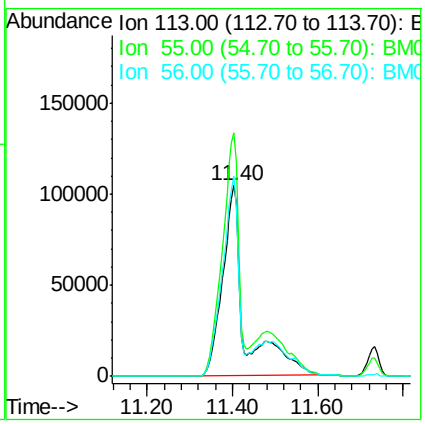
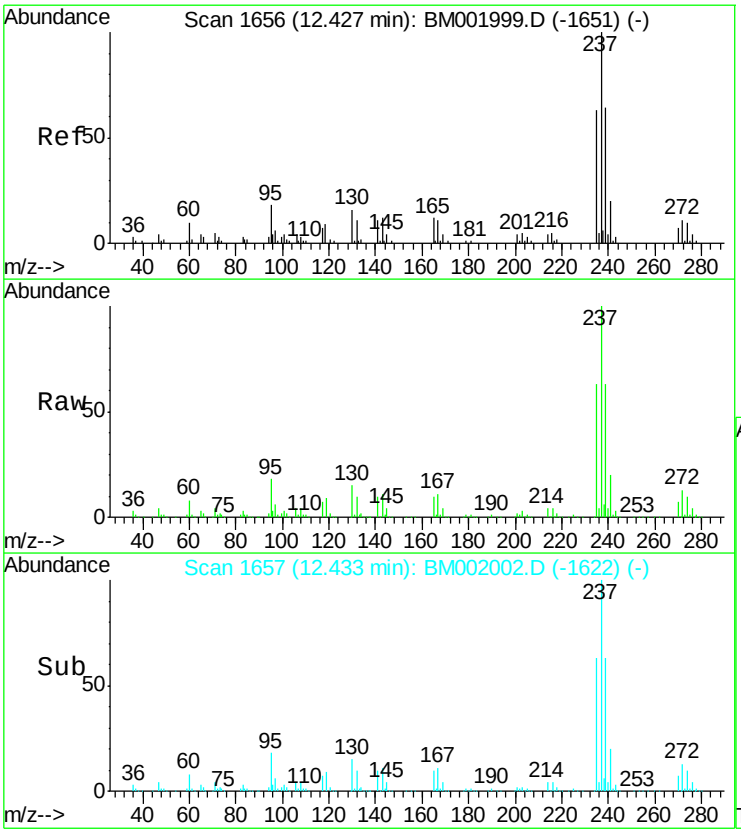
7/22/2015 2:34:35 PM

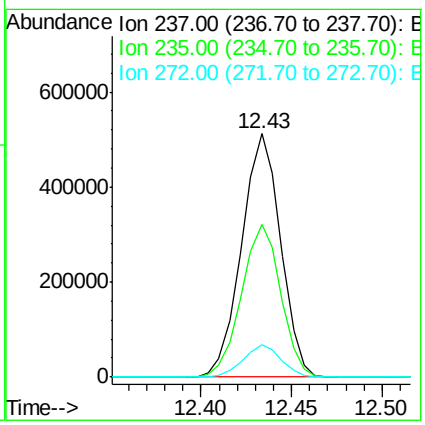


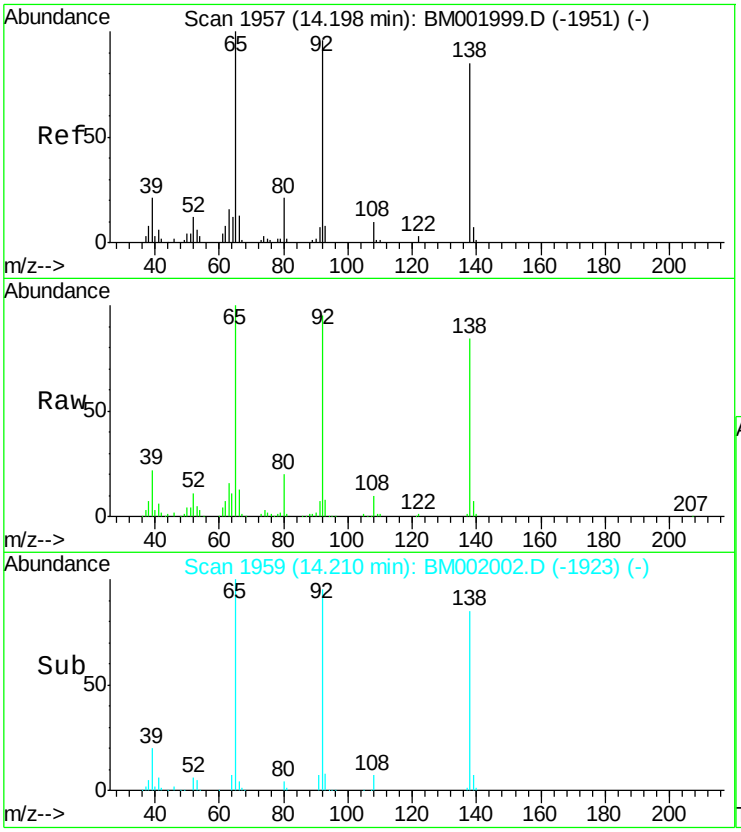


#37
Hexachlorocyclopentadiene
Concen: 168.42 ng/ul
RT: 12.43 min Scan# 1657
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:237 Resp: 765765

Ion	Ratio	Lower	Upper
237	100		
235	62.9	50.3	75.5
272	13.3	9.1	13.7





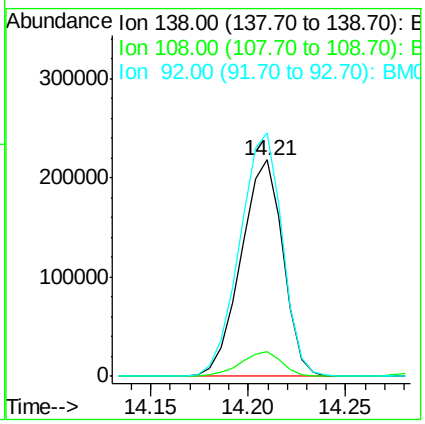
#48
3-Nitroaniline
Concen: 101.75 ng/ul
RT: 14.21 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

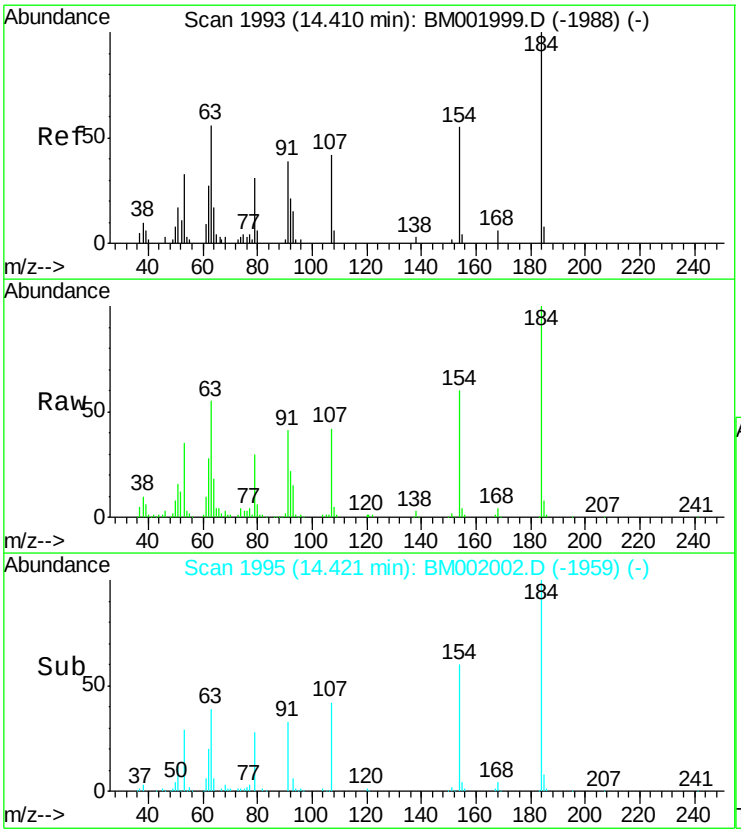
Instrument :
BNA_M
ClientSampleId :
SSTD16065

Manual Integrations APPROVED
apatel
7/22/2015 2:34:35 PM

Tgt Ion:138 Resp: 325320

Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.3	13.9
92	112.4	91.0	136.4

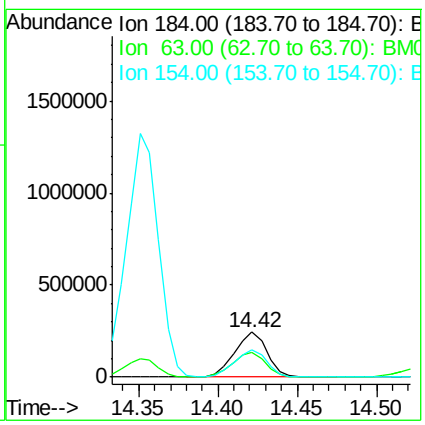


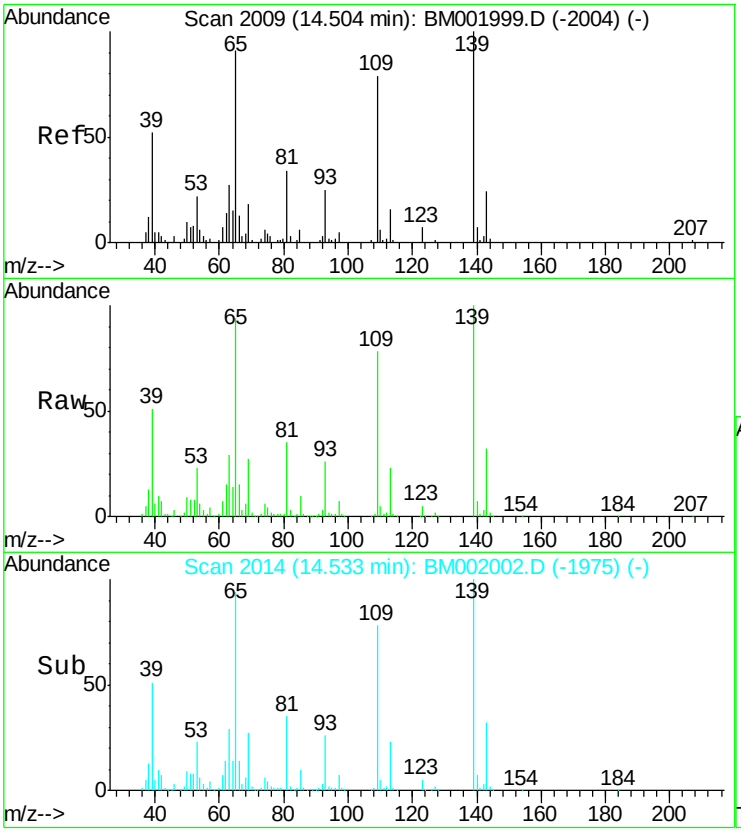


#50
2,4-Dinitrophenol
Concen: 165.45 ng/ul
RT: 14.42 min Scan# 1995
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:184 Resp: 350698

Ion	Ratio	Lower	Upper
184	100		
63	55.0	45.0	67.6
154	60.4	44.2	66.4





#52
4-Nitrophenol
Concen: 132.72 ng/ul
RT: 14.53 min Scan# 2014
Delta R.T. 0.03 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Instrument :
BNA_M
ClientSampleId :
SSTD16065

Manual Integrations APPROVED
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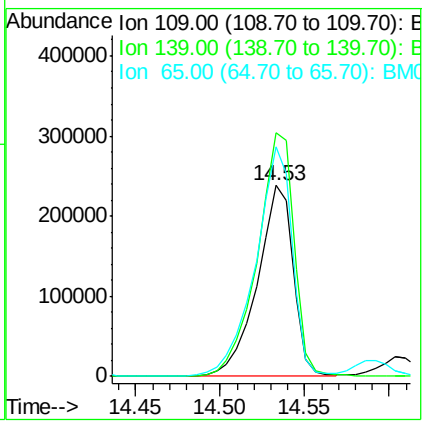
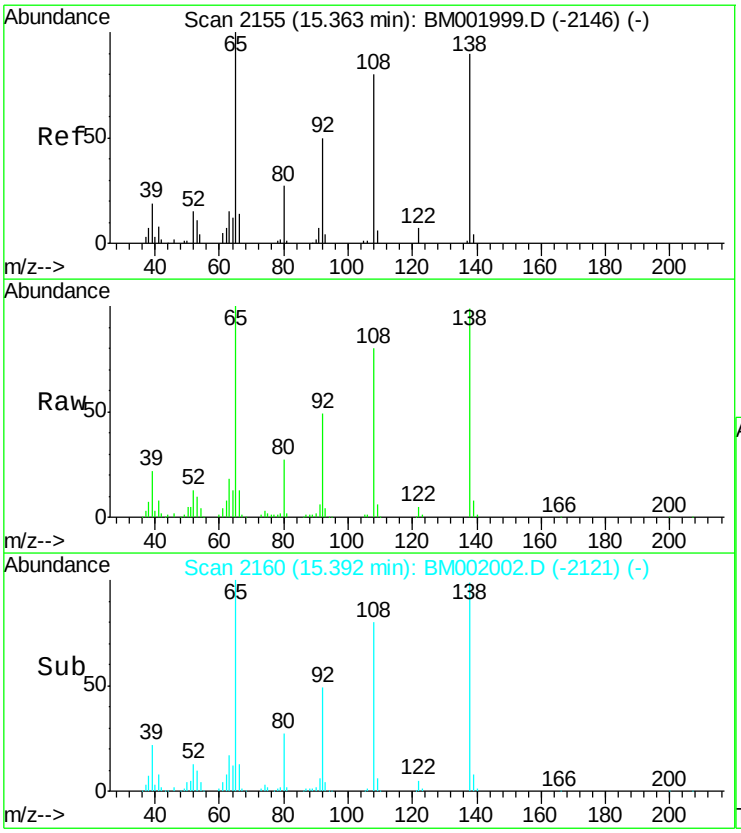
7/22/2015 2:34:35 PM

Tgt Ion:109 Resp: 350250

Ion	Ratio	Lower	Upper
109	100		
139	127.6	101.9	152.9
65	120.0	93.8	140.8

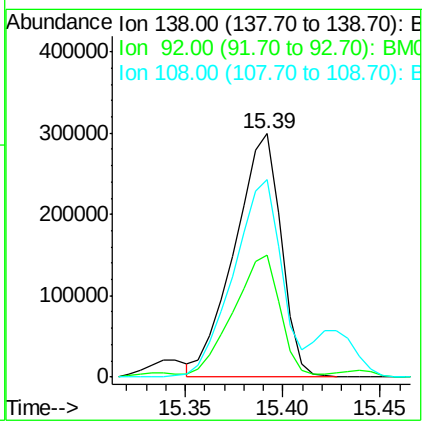


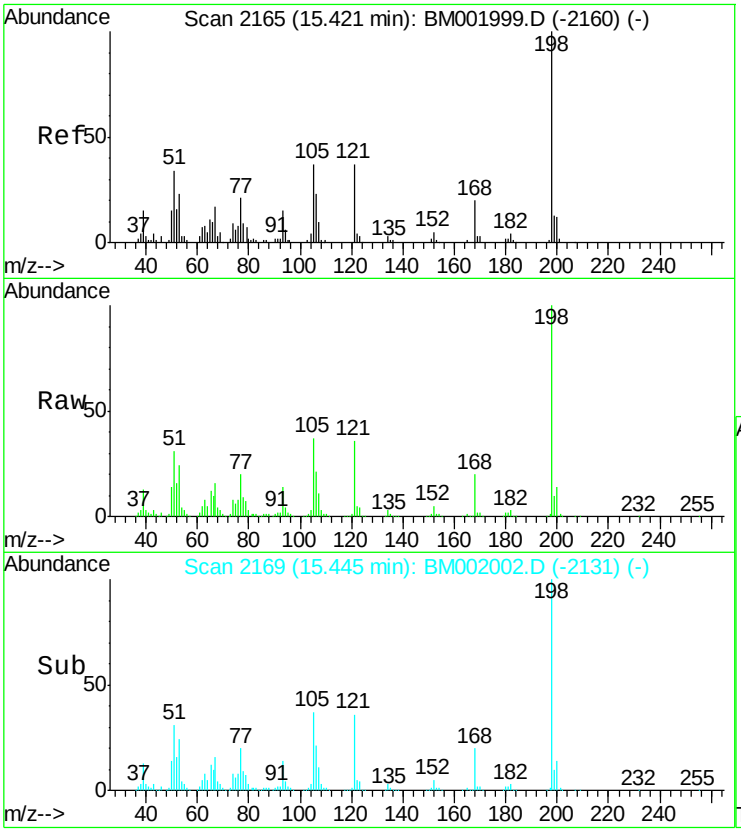


#60
4-Nitroaniline
Concen: 146.72 ng/ul
RT: 15.39 min Scan# 2160
Delta R.T. 0.03 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:138 Resp: 491740

Ion	Ratio	Lower	Upper
138	100		
92	50.0	44.6	67.0
108	81.4	71.3	106.9





#63
4,6-Dinitro-2-methylphenol
Concen: 166.71 ng/ul
RT: 15.44 min Scan# 2169
Delta R.T. 0.02 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Instrument :
BNA_M
ClientSampleId :
SSTD16065

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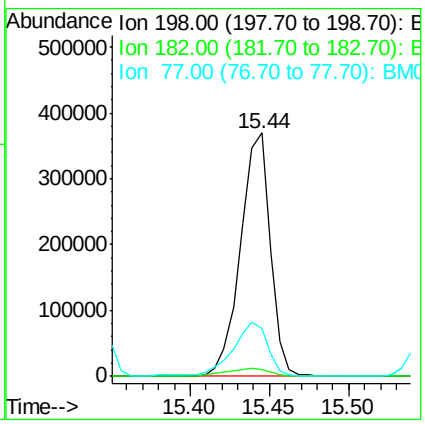
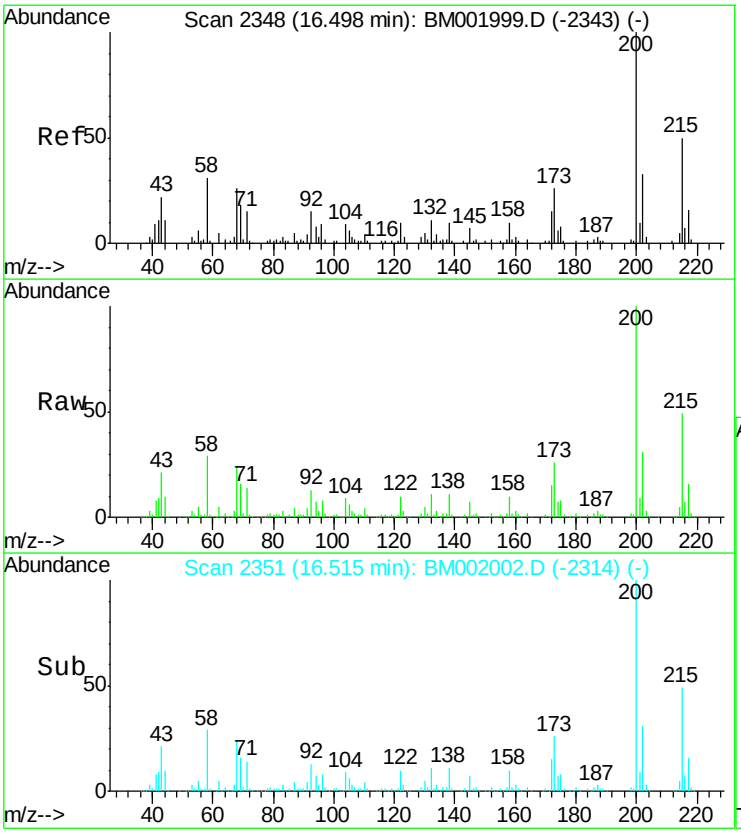
Tgt Ion:198 Resp: 484724

Ion	Ratio	Lower	Upper
198	100		
182	2.8	3.6	5.4#
77	19.9	17.7	26.5

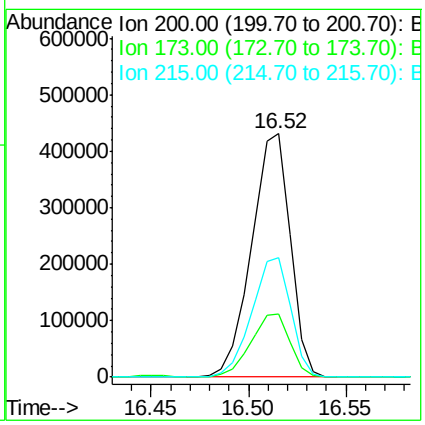


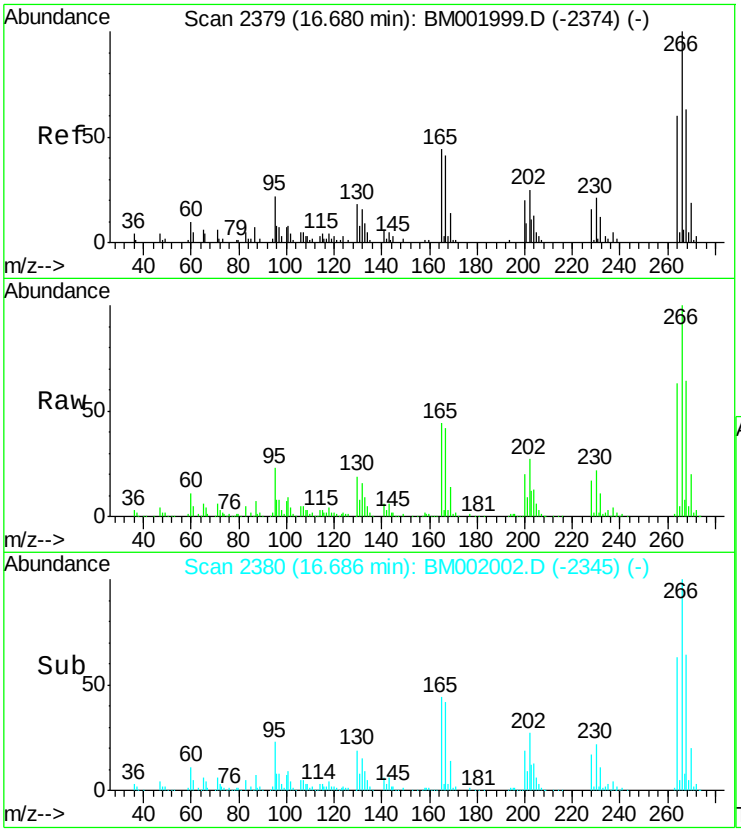


#67
Atrazine
Concen: 119.87 ng/ul
RT: 16.52 min Scan# 2351
Delta R.T. 0.02 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:200 Resp: 593005

Ion	Ratio	Lower	Upper
200	100		
173	25.7	20.9	31.3
215	49.0	39.8	59.6





#68
Pentachlorophenol
Concen: 156.43 ng/ul
RT: 16.69 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:266 Resp: 509387

Ion	Ratio	Lower	Upper
266	100		
264	63.3	48.2	72.2
268	63.6	50.2	75.2

Instrument :
BNA_M
ClientSampleId :
SSTD16065

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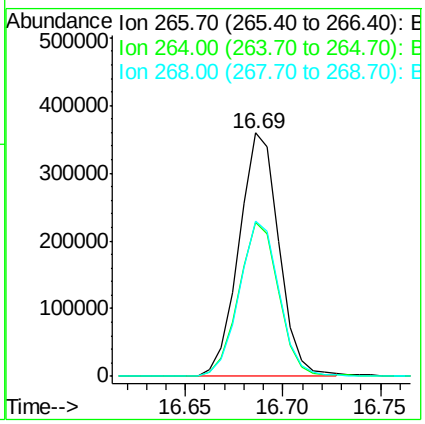
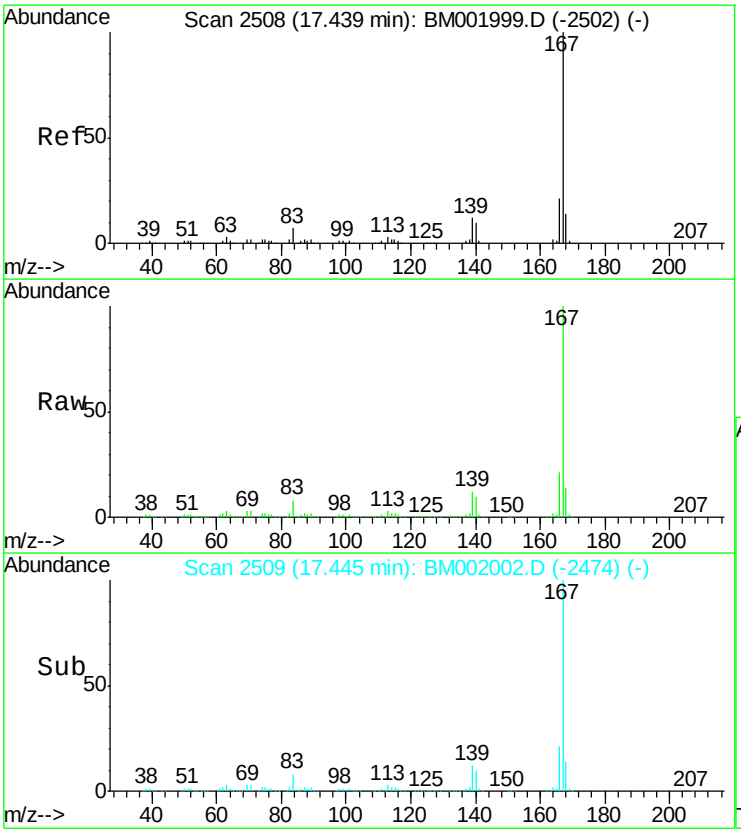
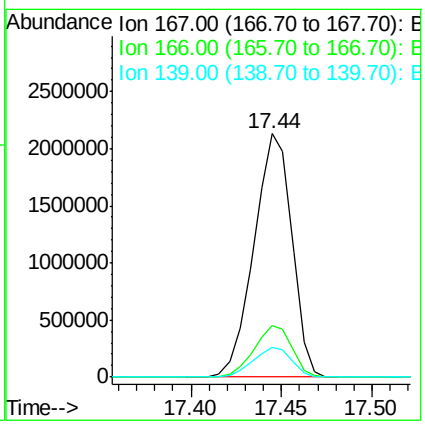


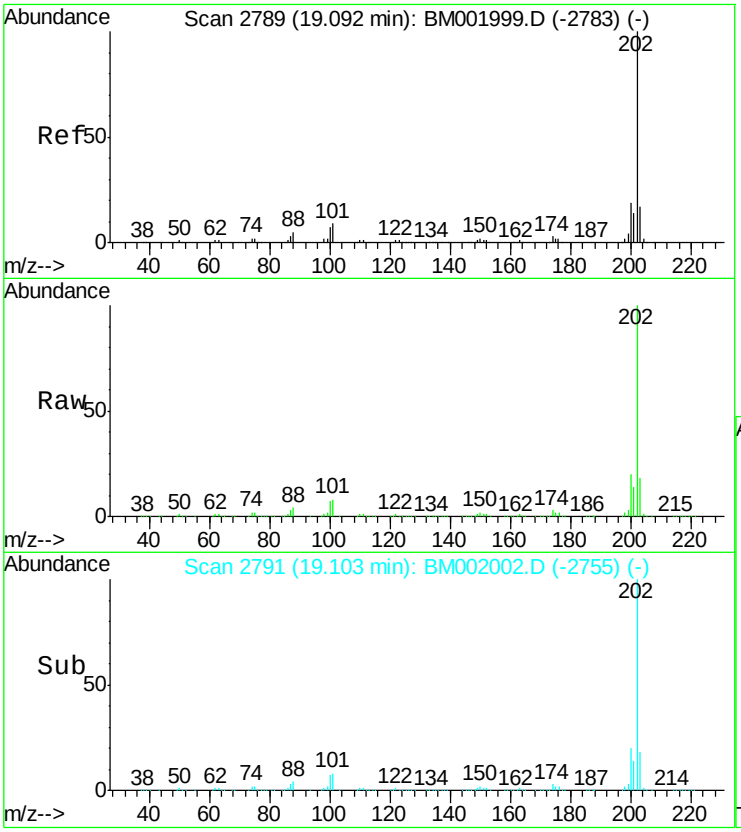


#74
Carbazole
Concen: 150.86 ng/ul
RT: 17.44 min Scan# 2509
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:167 Resp: 3094547

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	12.4	9.8	14.6





#76
Fluoranthene
Concen: 106.10 ng/ul
RT: 19.10 min Scan# 2791
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:202 Resp: 2773201

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.0	10.6
100	6.6	5.6	8.4

Instrument :
BNA_M
ClientSampleId :
SSTD16065

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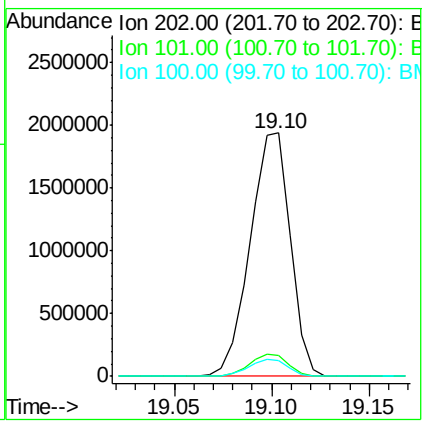
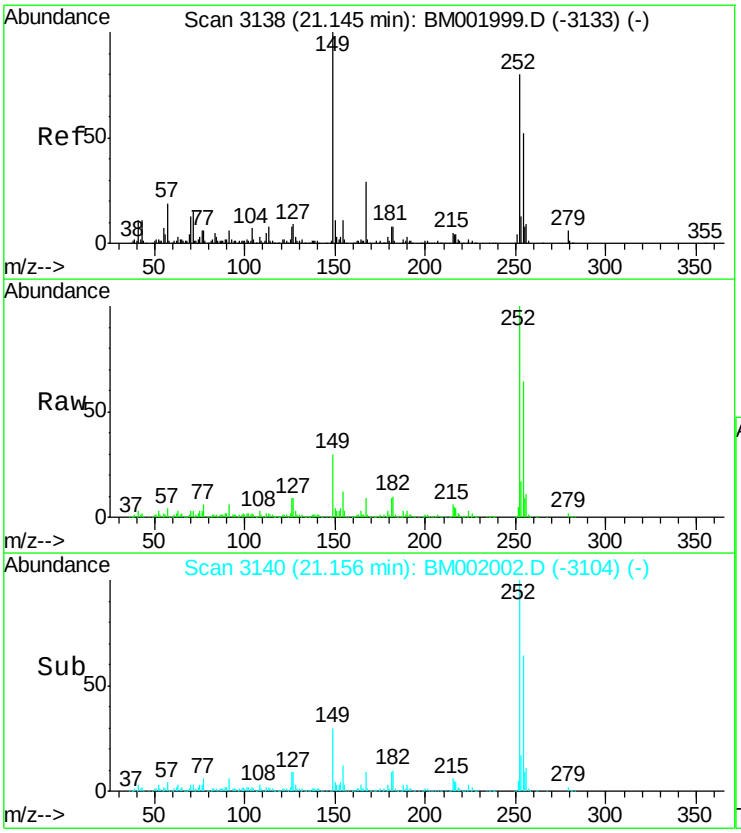
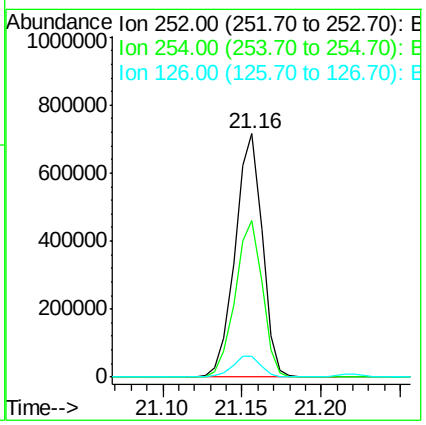


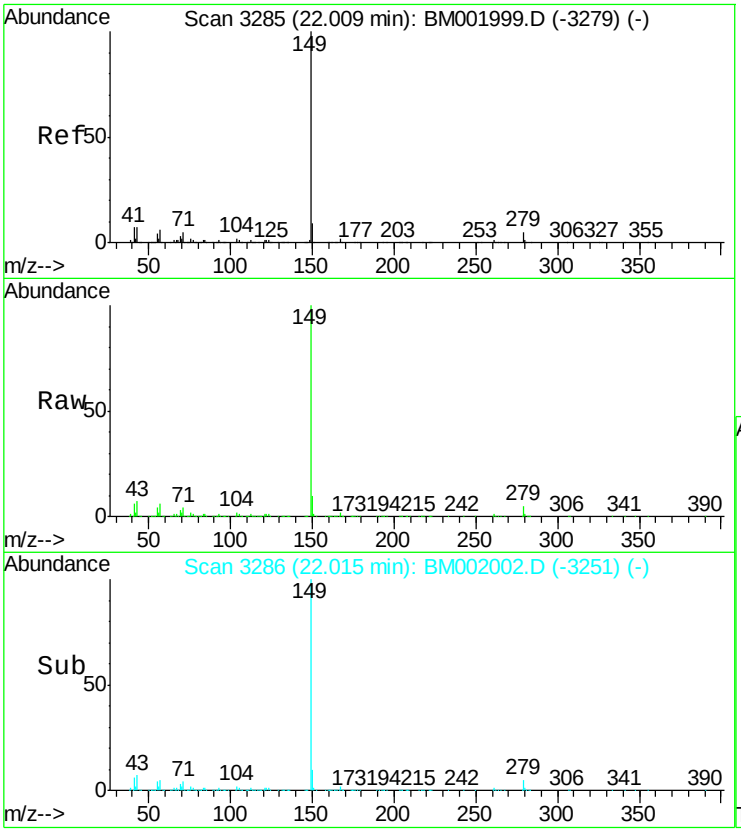


#81
3,3'-Dichlorobenzidine
Concen: 125.90 ng/ul
RT: 21.16 min Scan# 3140
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:252 Resp: 849282

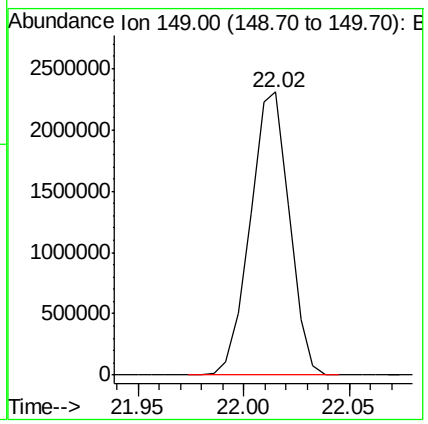
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.8	77.6
126	8.5	7.9	11.9





#86
Di-n-octyl phthalate
Concen: 129.72 ng/ul
RT: 22.02 min Scan# 3286
Delta R.T. 0.01 min
Lab File: BM002002.D
Acq: 22 Jul 2015 01:00

Tgt Ion:149 Resp: 2971353

Instrument :
BNA_M
ClientSampleId :
SSTD16065

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