

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032315\
 Data File : BM000755.D
 Acq On : 23 Mar 2015 16:15
 Operator : TP/IZ
 Sample : G1581-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1M17

Manual Integrations
 APPROVED

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Quant Time: Mar 24 06:39:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM032115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 24 05:41:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	142692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	598395	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	334782	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	738298	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	795120	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	770624	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	15076	4.85	ng/uL	0.00
5) Phenol-d5	6.79	99	353079	32.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	212478	31.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	278977	31.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	275474	31.85	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	128273	33.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	135159	32.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	290982	35.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	291994	29.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	834572	38.66	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1085078	34.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	132329	30.54	ng/ul	0.00
57) Fluorene-d10	15.27	176	796437	36.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	106258	26.59	ng/ul	0.00
70) Anthracene-d10	17.12	188	1255309	37.58	ng/ul	0.00
76) Pyrene-d10	19.42	212	1416424	39.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1309615	39.18	ng/ul	0.00

Target Compounds

					Qvalue
4) Benzaldehyde	6.76	77	524538	98.86 ng/ul	99
10) 2-Chlorophenol	7.18	128	577608	60.38 ng/ul	99
14) Acetophenone	8.44	105	700749	49.87 ng/ul	99
16) 4-Methylphenol	8.39	108	395631	40.52 ng/ul	90
17) Hexachloroethane	8.69	117	173501	46.65 ng/ul	95
27) 2,4-Dichlorophenol	10.05	162	619883	73.07 ng/ul	99
28) Naphthalene	10.45	128	1768955	55.33 ng/ul	99
32) Caprolactam	11.31	113	15364m	6.32 ng/ul	
34) 2-Methylnaphthalene	12.07	142	1306309	59.93 ng/ul	99
41) 2-Chloronaphthalene	13.14	162	1380715	63.28 ng/ul	100
44) Dimethylphthalate	13.73	163	86772	3.47 ng/ul	97
49) Acenaphthene	14.34	153	810736	34.83 ng/ul	98
58) Fluorene	15.33	166	1017838	38.04 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.42	198	362048	81.01 ng/ul#	97
67) Atrazine	16.50	200	477908	66.44 ng/ul	98
69) Phenanthrene	17.06	178	1921715	45.10 ng/ul	100
72) Carbazole	17.43	167	2876474	75.15 ng/ul	98
77) Pyrene	19.46	202	2915319	57.60 ng/ul	98
78) Butylbenzylphthalate	20.36	149	1189247	72.02 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.14	149	1640187	65.50 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.62	276	3115284	62.49 ng/ul	98
90) Dibenzo(a,h)anthracene	25.63	278	2050188	49.06 ng/ul	98
91) Benzo(g,h,i)perylene	26.29	276	1988067	46.75 ng/ul	98

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032315\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1M17

Manual Integrations
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Quant Time: Mar 24 06:39:58 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM032115.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 24 05:41:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

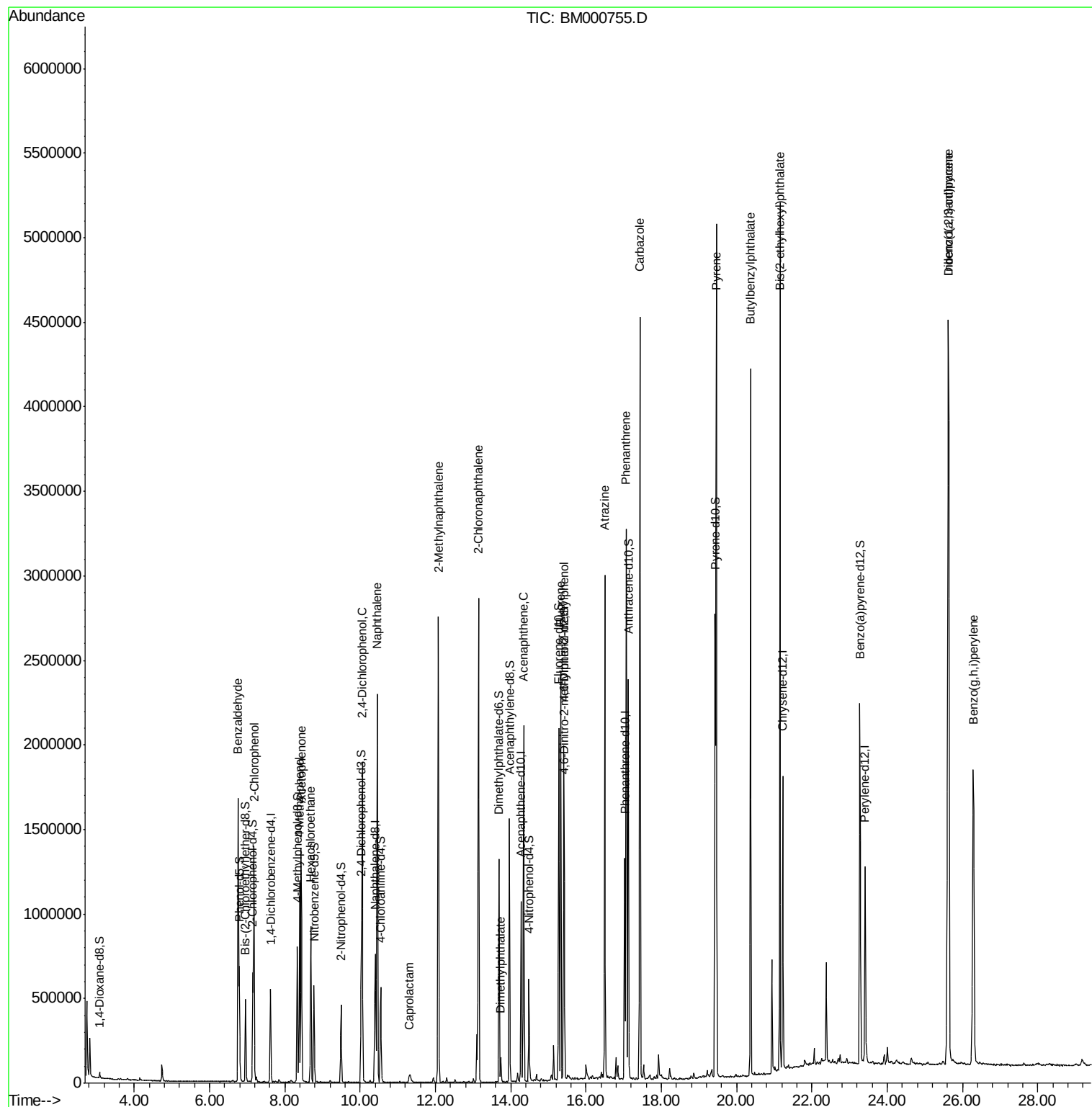
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032315\
Data File : BM000755.D
Acq On : 23 Mar 2015 16:15
Operator : TP/IZ
Sample : G1581-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

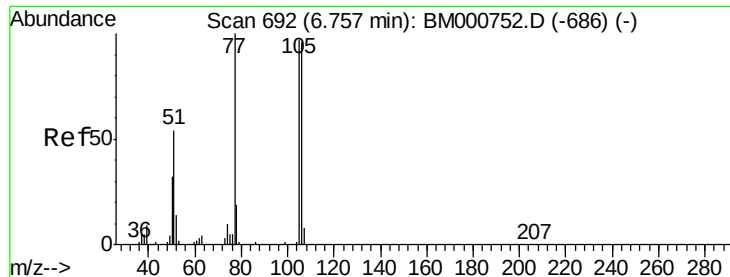
Instrument :
BNA_M
ClientSampled :
X1M17

Quant Time: Mar 24 06:39:58 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM032115.M
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#4

Benzaldehyde

Concen: 98.86 ng/ul

RT: 6.76 min Scan# 692

Delta R.T. -0.00 min

Lab File: BM000755.D

Acq: 23 Mar 2015 16:15

Instrument :

BNA_M

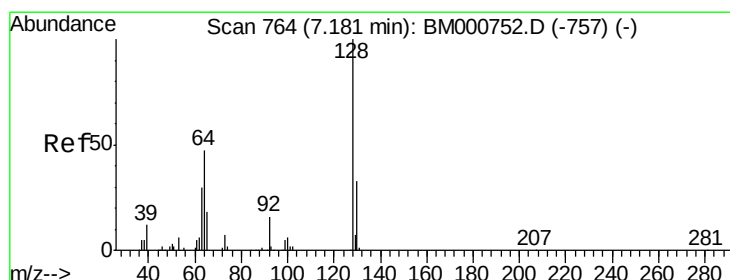
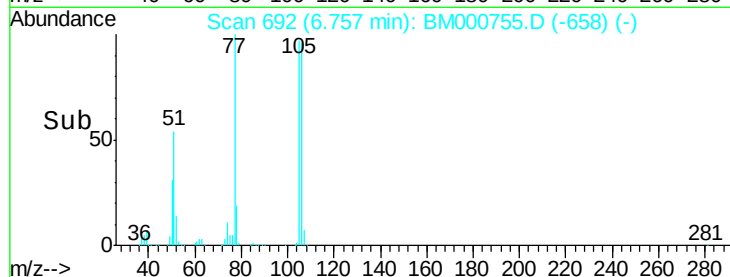
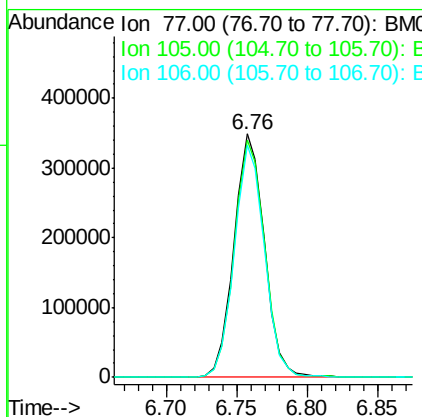
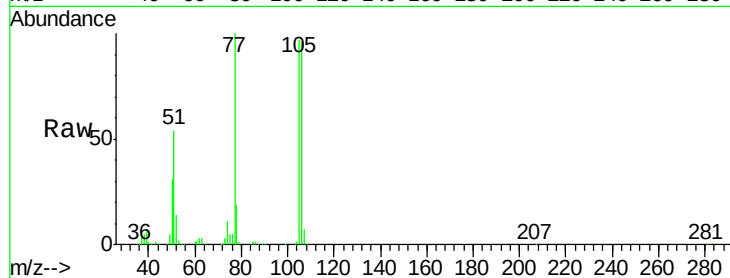
ClientSampleId :

X1M17

Tgt Ion:	77	Resp:	524538
Ion Ratio	Lower	Upper	
77	100		
105	97.3	78.0	117.0
106	95.5	77.8	116.6

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#10

2-Chlorophenol

Concen: 60.38 ng/ul

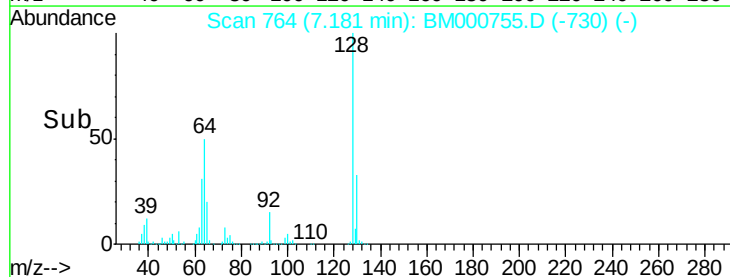
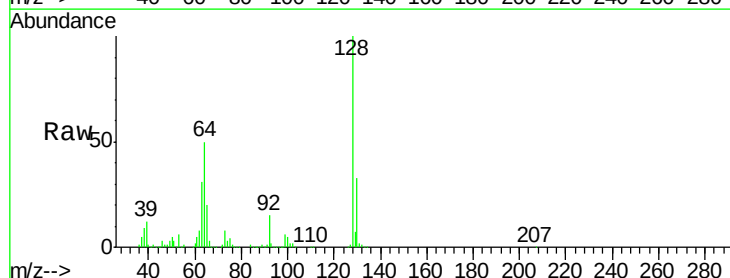
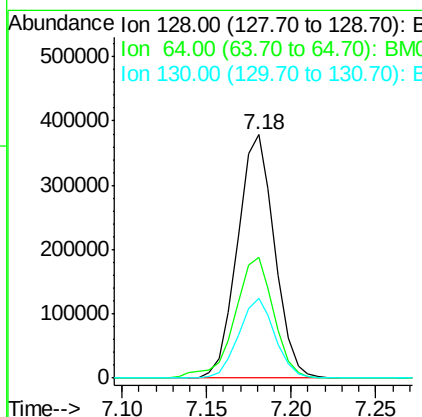
RT: 7.18 min Scan# 764

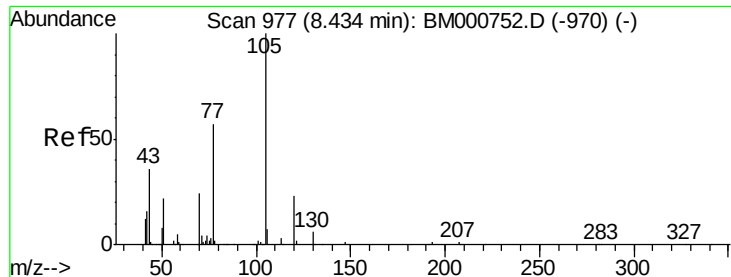
Delta R.T. -0.00 min

Lab File: BM000755.D

Acq: 23 Mar 2015 16:15

Tgt Ion:	128	Resp:	577608
Ion Ratio	Lower	Upper	
128	100		
64	49.8	39.7	59.5
130	32.8	25.6	38.4





#14

Acetophenone

Concen: 49.87 ng/ul

RT: 8.44 min Scan# 978

Delta R.T. 0.01 min

Lab File: BM000755.D

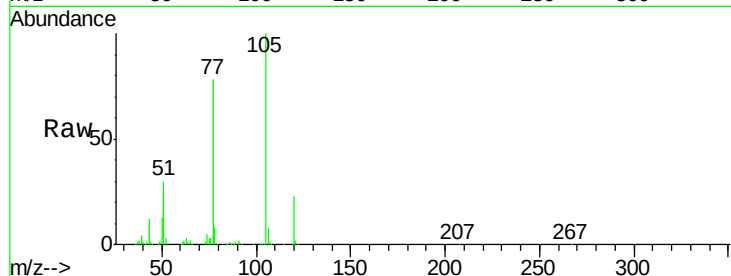
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Instrument :

BNA_M

ClientSampleId :

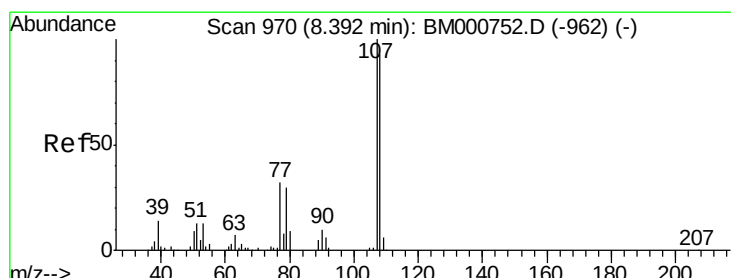
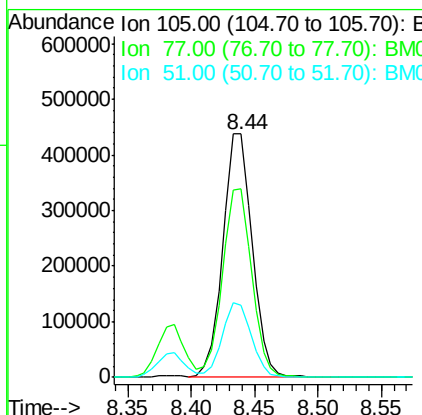
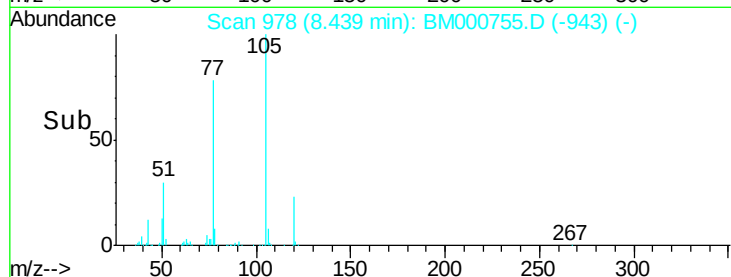
X1M17



Tgt Ion:	105	Resp:	700749
Ion Ratio	Lower	Upper	
105	100		
77	77.6	63.2	94.8
51	29.7	23.7	35.5

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#16

4-Methylphenol

Concen: 40.52 ng/ul

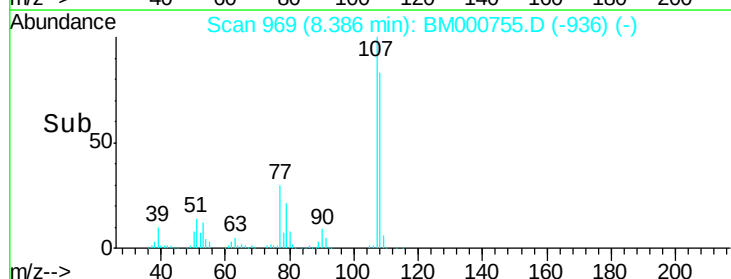
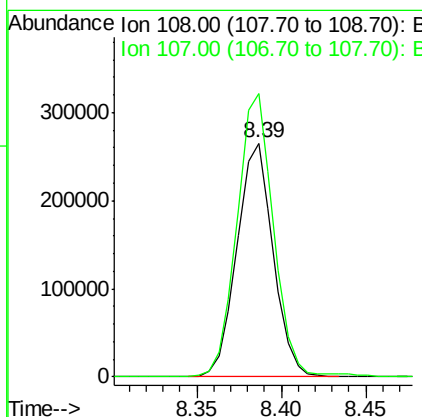
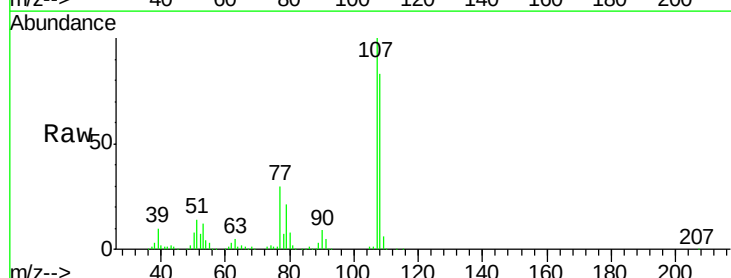
RT: 8.39 min Scan# 969

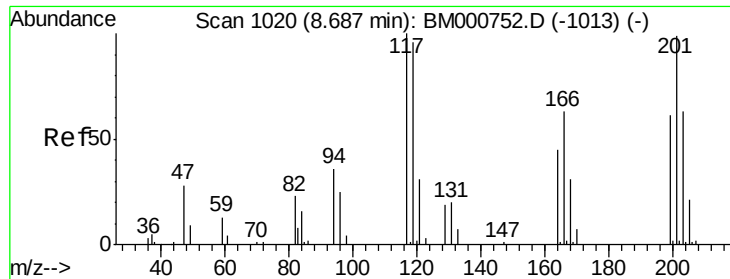
Delta R.T. -0.01 min

Lab File: BM000755.D

Acq: 23 Mar 2015 16:15

Tgt Ion:	108	Resp:	395631
Ion Ratio	Lower	Upper	
108	100		
107	121.0	88.3	132.5





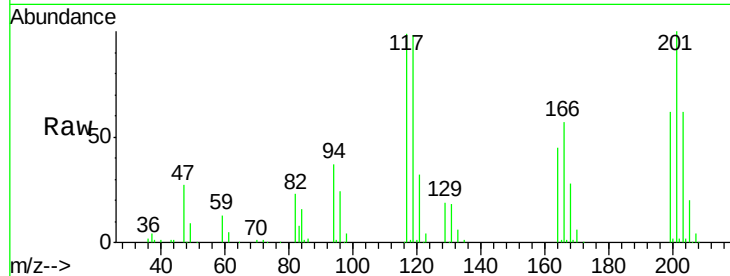
#17
Hexachloroethane
Concen: 46.65 ng/ul
RT: 8.69 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BM000755.D
Acq: 23 Mar 2015 16:15

Instrument :
BNA_M
ClientSampleId :
X1M17

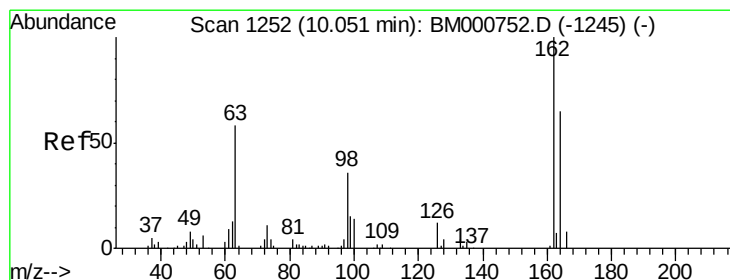
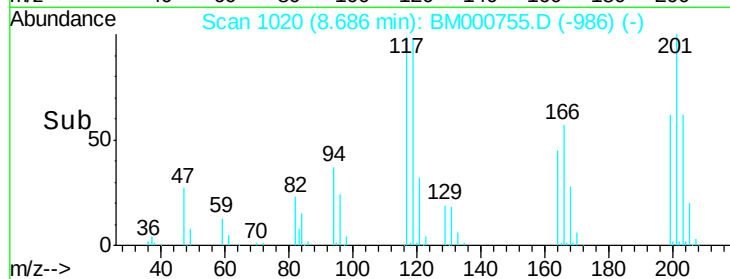
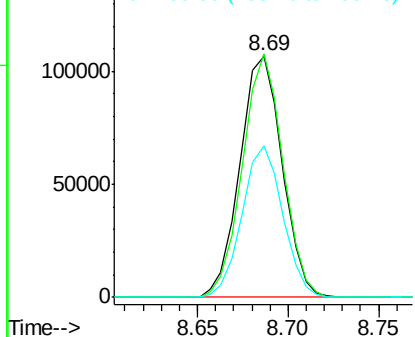
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	173501		
201	101.0	76.2	114.2	
199	62.7	48.5	72.7	

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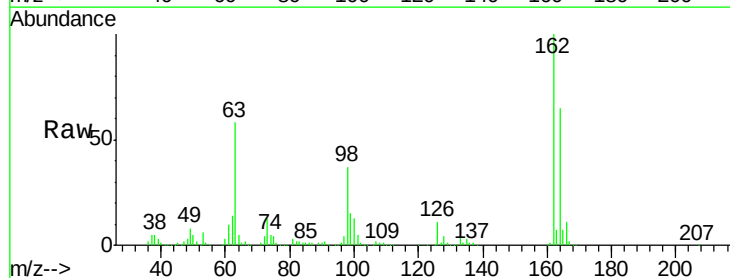


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

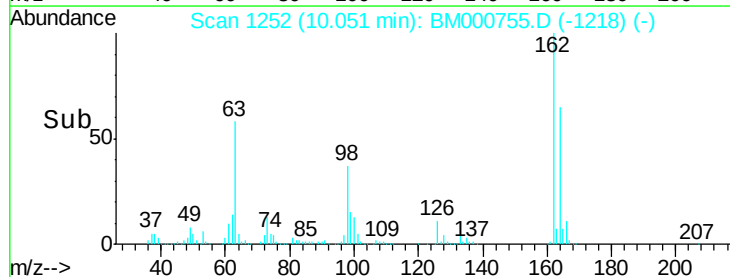
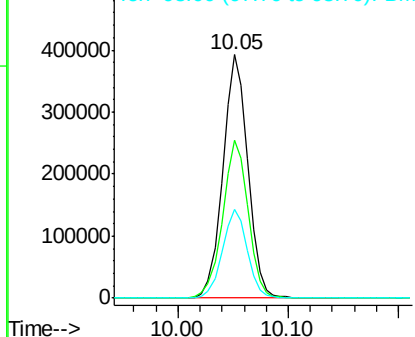


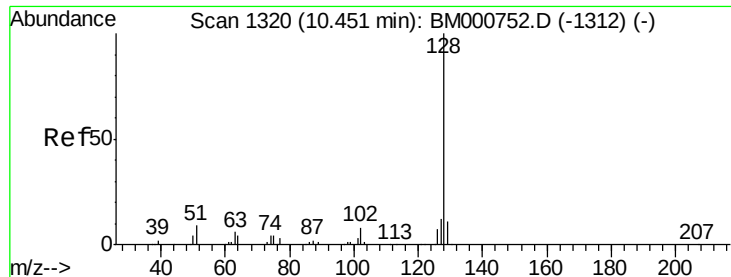
#27
2,4-Dichlorophenol
Concen: 73.07 ng/ul
RT: 10.05 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM000755.D
Acq: 23 Mar 2015 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	619883		
164	64.8	52.1	78.1	
98	36.5	29.9	44.9	



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM0





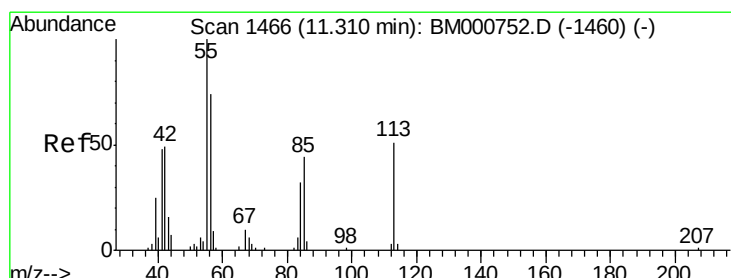
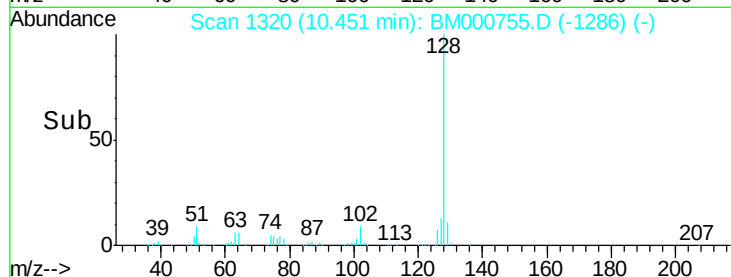
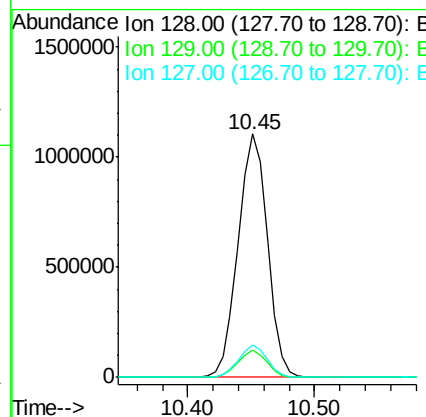
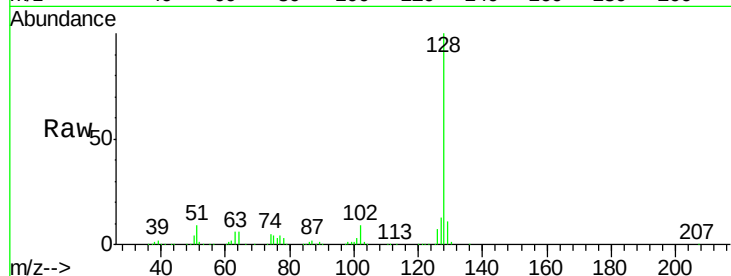
#28
Naphthalene
Concen: 55.33 ng/ul
RT: 10.45 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM000755.D
Acq: 23 Mar 2015 16:15

Instrument :
BNA_M
ClientSampleId :
X1M17

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.1	10.2	15.2

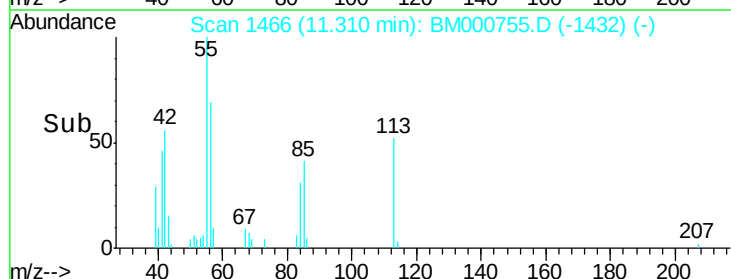
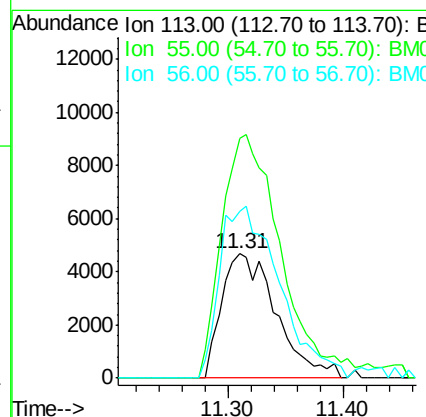
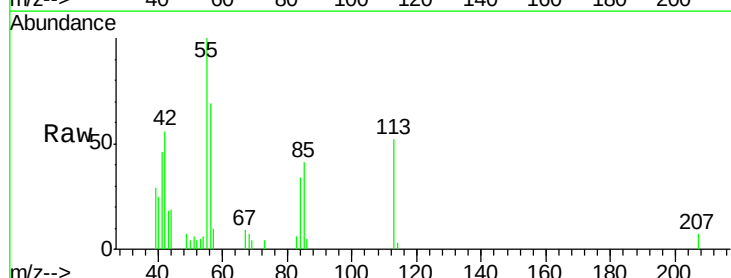
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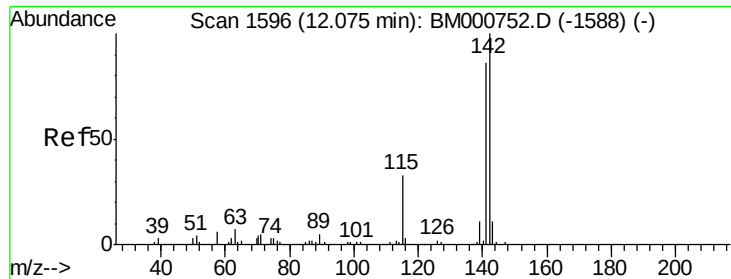
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#32
Caprolactam
Concen: 6.32 ng/ul m
RT: 11.31 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BM000755.D
Acq: 23 Mar 2015 16:15

Tgt Ion	Ratio	Lower	Upper
113	100		
55	193.6	150.7	226.1
56	134.0	106.7	160.1





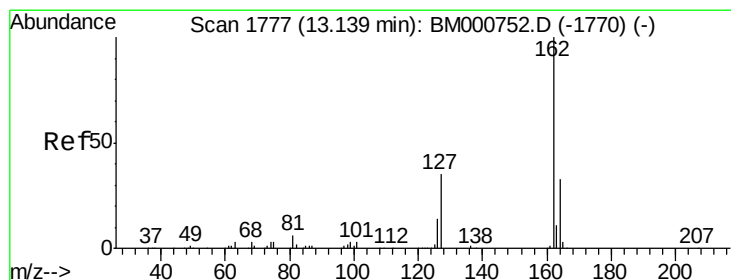
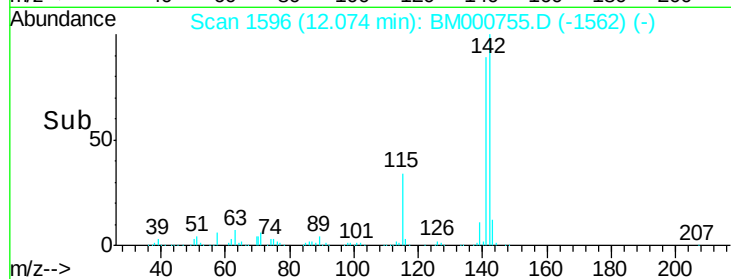
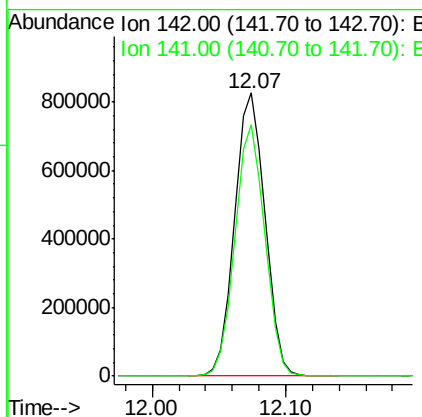
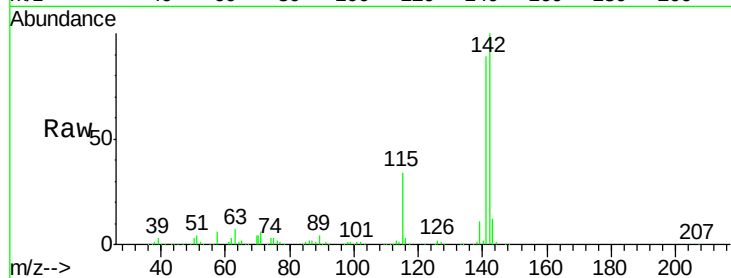
#34
 2-Methylnaphthalene
 Concen: 59.93 ng/ul
 RT: 12.07 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BM000755.D
 Acq: 23 Mar 2015 16:15

Instrument :
 BNA_M
 ClientSampleId :
 X1M17

Tgt Ion:142 Resp: 1306309
 Ion Ratio Lower Upper
 142 100
 141 88.9 70.7 106.1

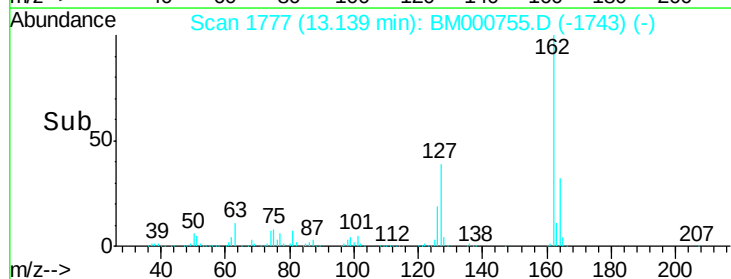
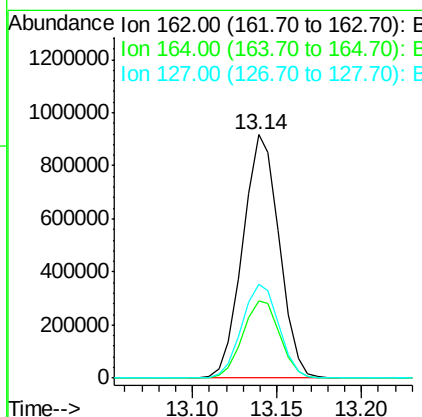
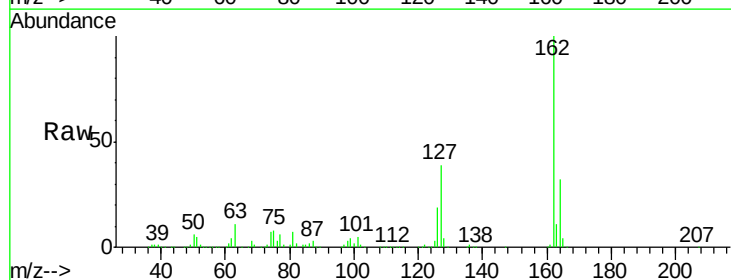
Manual Integrations
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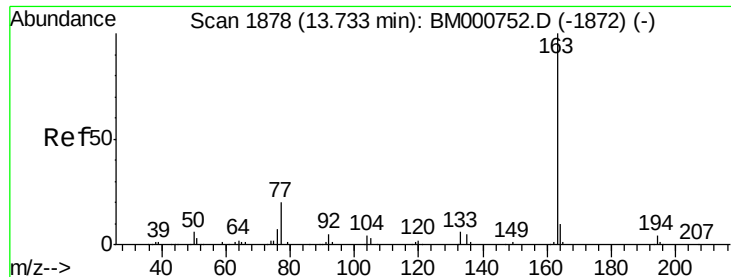
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#41
 2-Chloronaphthalene
 Concen: 63.28 ng/ul
 RT: 13.14 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BM000755.D
 Acq: 23 Mar 2015 16:15

Tgt Ion:162 Resp: 1380715
 Ion Ratio Lower Upper
 162 100
 164 32.0 25.8 38.8
 127 38.8 30.9 46.3





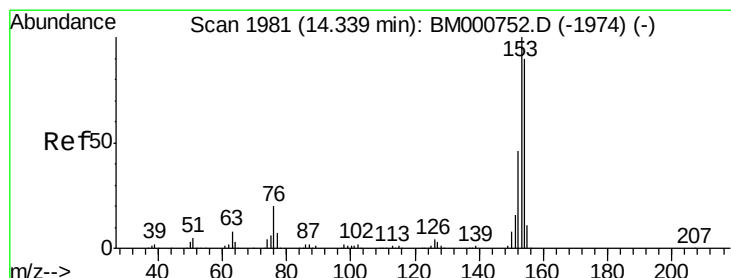
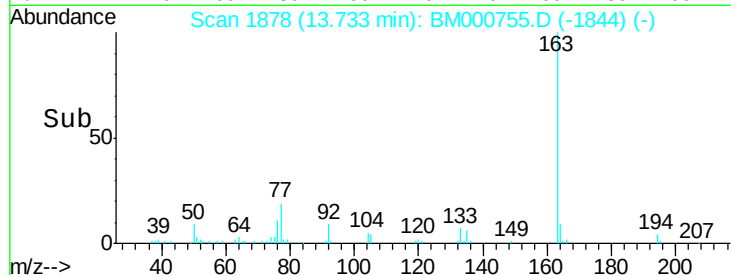
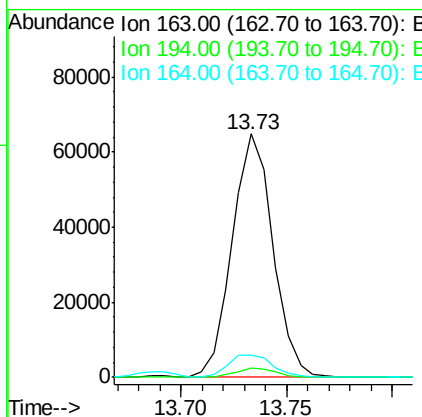
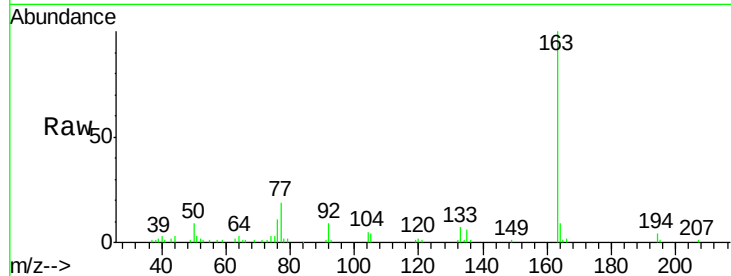
#44
Dimethylphthalate
Concen: 3.47 ng/ul
RT: 13.73 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BM000755.D
Acq: 23 Mar 2015 16:15

Instrument :
BNA_M
ClientSampleId :
X1M17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.0	8.2	12.2

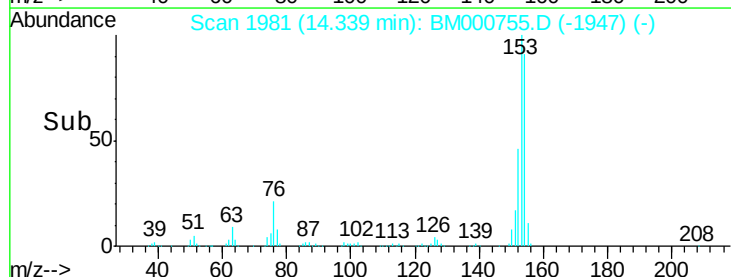
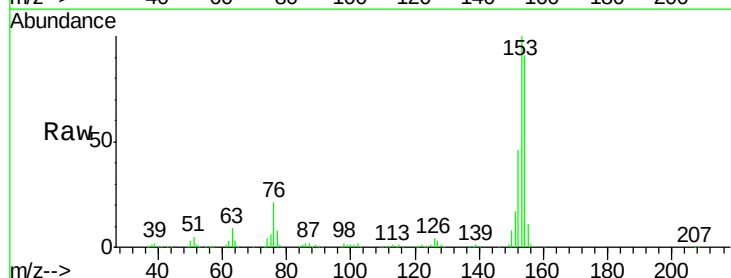
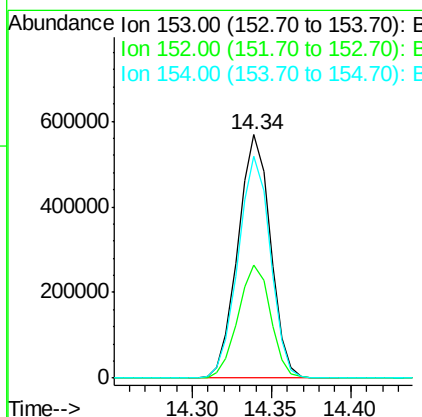
Manual Integrations
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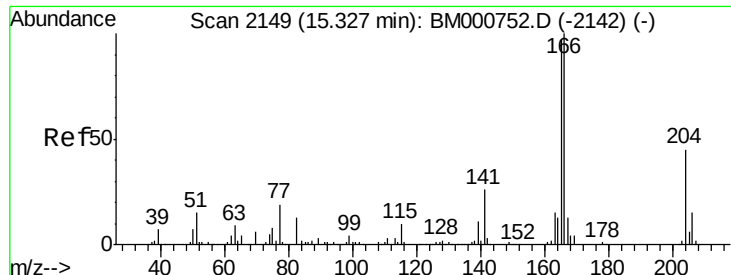
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#49
Acenaphthene
Concen: 34.83 ng/ul
RT: 14.34 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BM000755.D
Acq: 23 Mar 2015 16:15

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.3	37.7	56.5
154	90.9	74.5	111.7





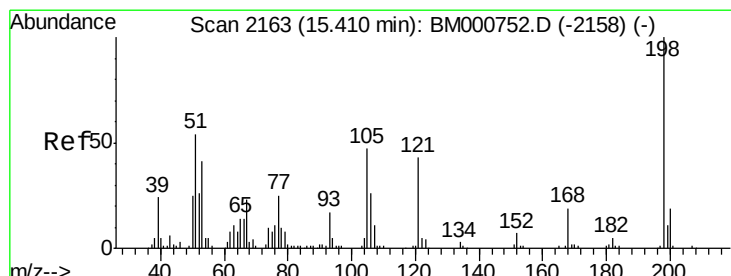
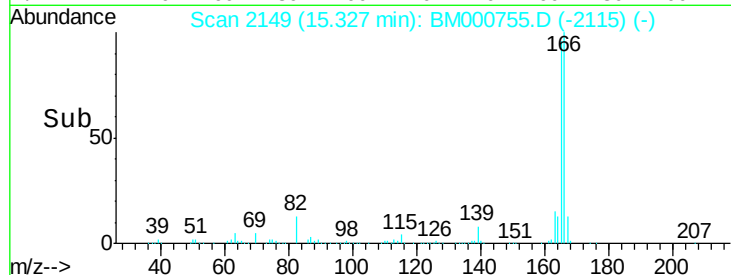
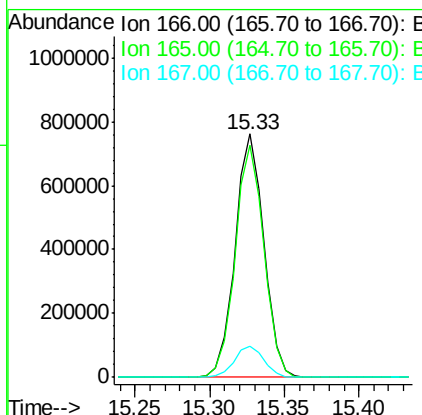
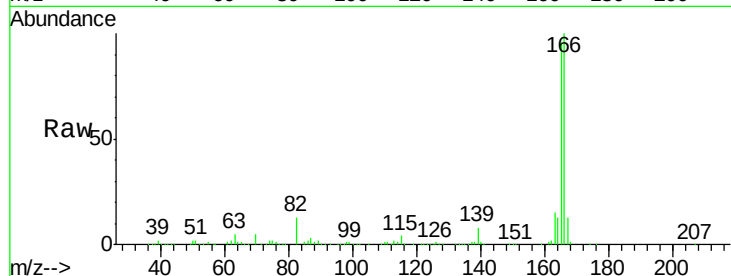
#58
 Fluorene
 Concen: 38.04 ng/ul
 RT: 15.33 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BM000755.D
 Acq: 23 Mar 2015 16:15

Instrument :
 BNA_M
 ClientSampled :
 X1M17

Tgt Ion:166 Resp: 1017838
 Ion Ratio Lower Upper
 166 100
 165 95.6 75.6 113.4
 167 13.1 11.0 16.4

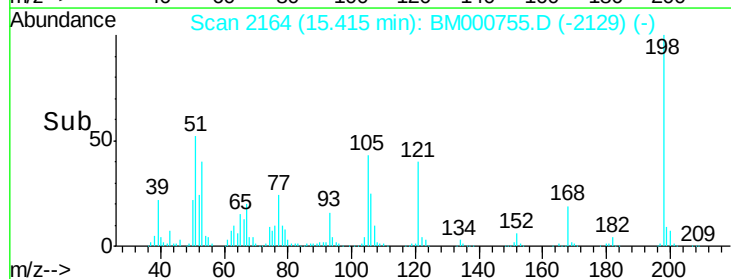
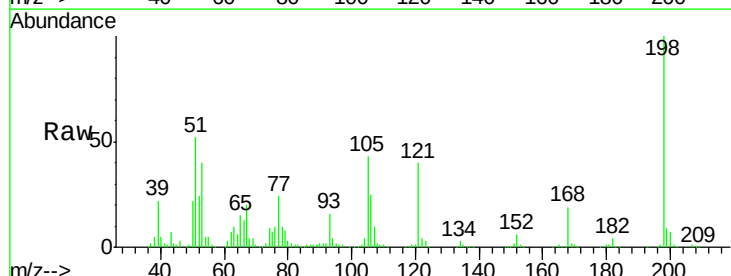
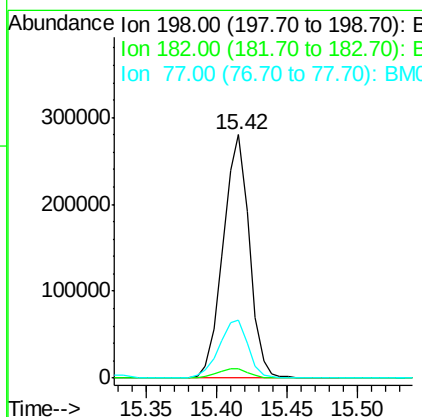
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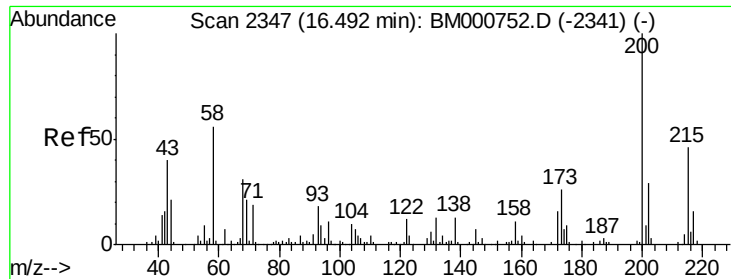
mohammad
 3/25/2015 8:31:34 AM



#63
 4,6-Dinitro-2-methylphenol
 Concen: 81.01 ng/ul
 RT: 15.42 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BM000755.D
 Acq: 23 Mar 2015 16:15

Tgt Ion:198 Resp: 362048
 Ion Ratio Lower Upper
 198 100
 182 3.9 4.2 6.4#
 77 23.7 20.2 30.2





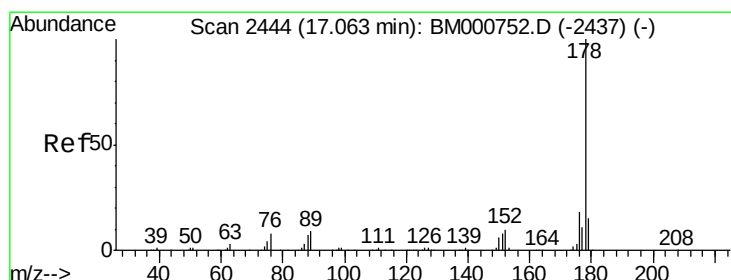
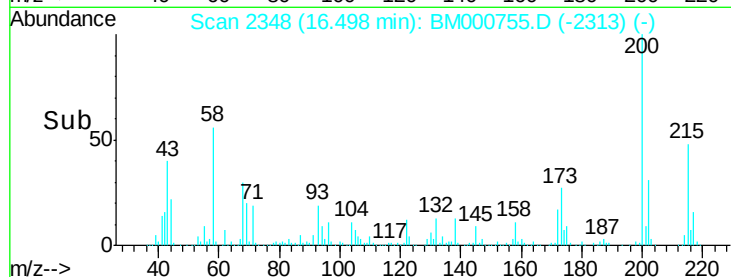
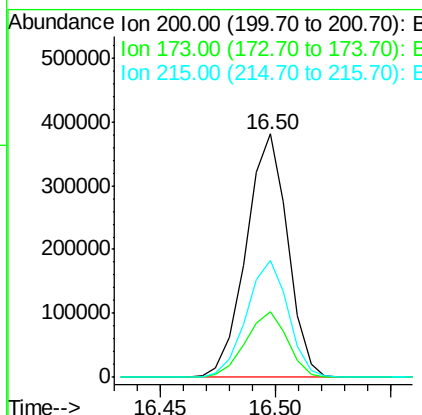
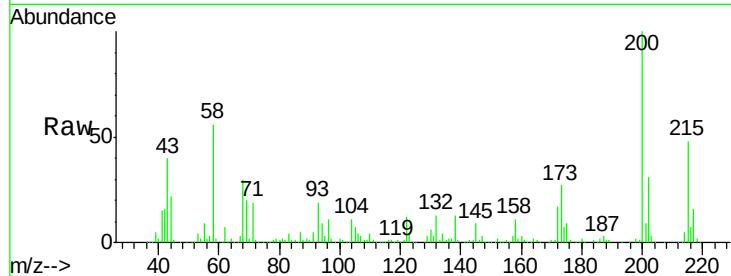
#67
 Atrazine
 Concen: 66.44 ng/ul
 RT: 16.50 min Scan# 2348
 Delta R.T. 0.01 min
 Lab File: BM000755.D
 Acq: 23 Mar 2015 16:15

Instrument :
 BNA_M
 ClientSampled :
 X1M17

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	21.3	31.9
215	48.1	37.4	56.2

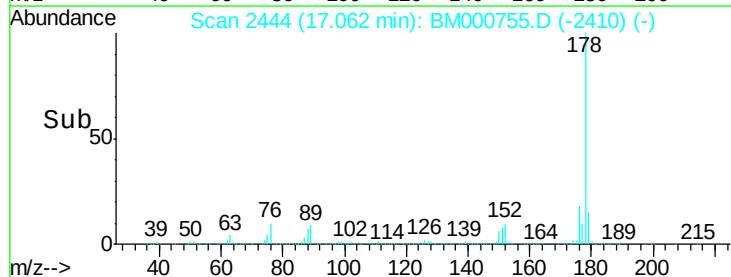
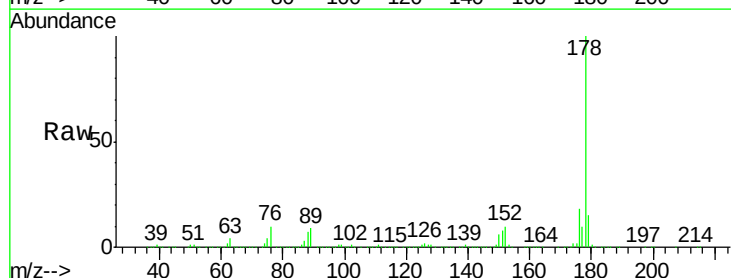
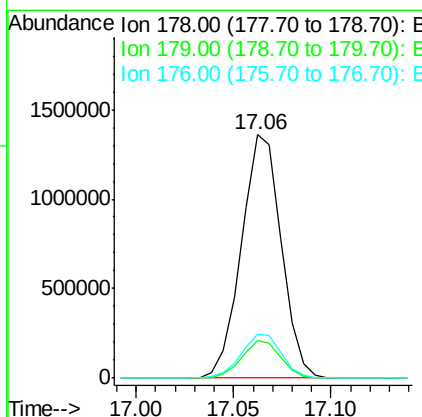
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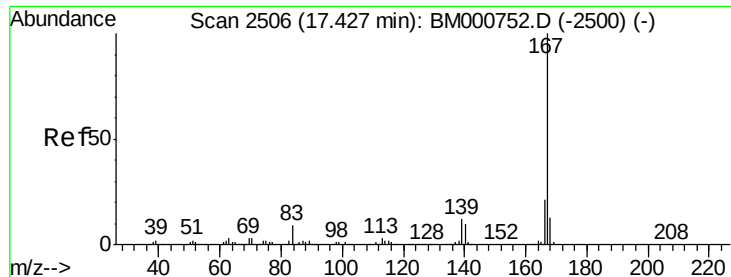
mohammad
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#69
 Phenanthrene
 Concen: 45.10 ng/ul
 RT: 17.06 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BM000755.D
 Acq: 23 Mar 2015 16:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.0	14.6	21.8





#72

Carbazole

Concen: 75.15 ng/ul

RT: 17.43 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BM000755.D

Acq: 23 Mar 2015 16:15

Instrument :

BNA_M

ClientSampled :

X1M17

Tgt Ion:167 Resp: 2876474

Ion Ratio Lower Upper

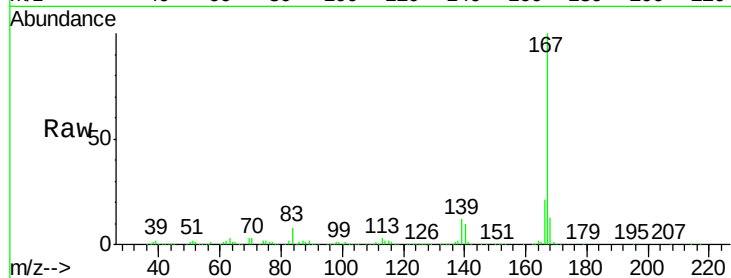
167 100

166 21.0 16.1 24.1

139 12.5 9.4 14.0

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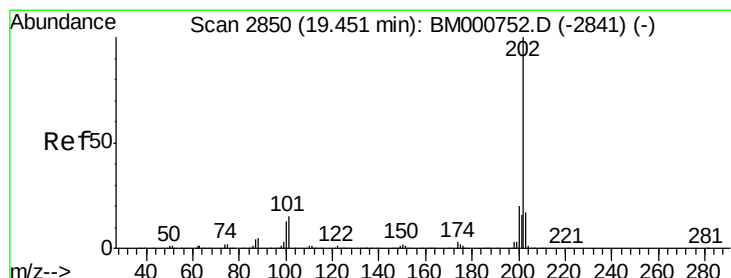
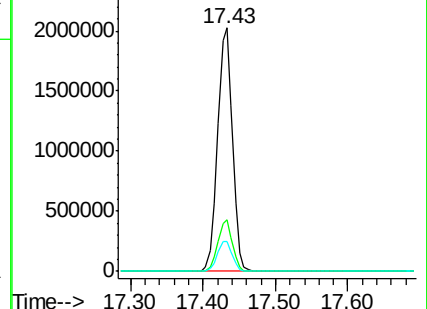
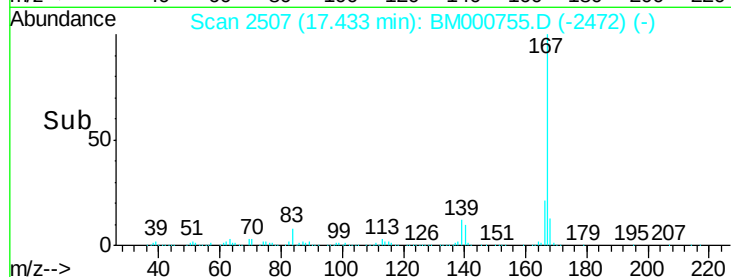
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Pyrene

Concen: 57.60 ng/ul

RT: 19.46 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BM000755.D

Acq: 23 Mar 2015 16:15

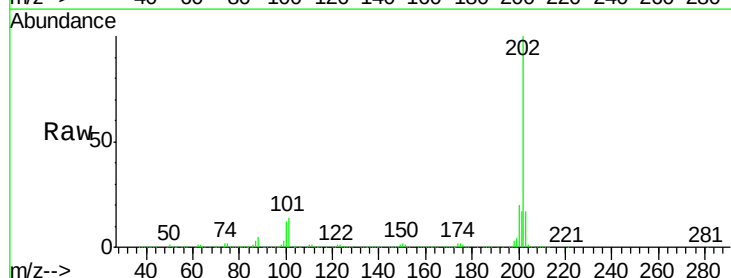
Tgt Ion:202 Resp: 2915319

Ion Ratio Lower Upper

202 100

101 14.3 12.2 18.4

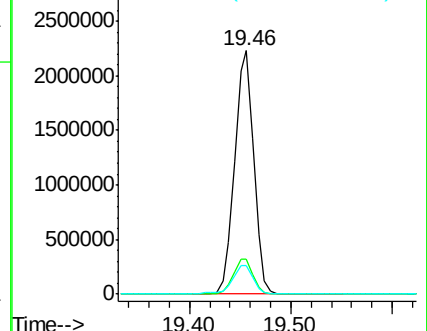
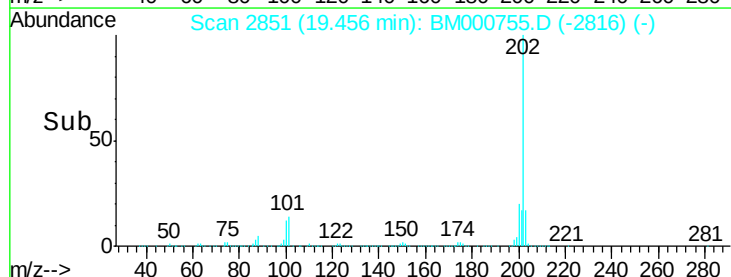
100 11.7 10.0 15.0

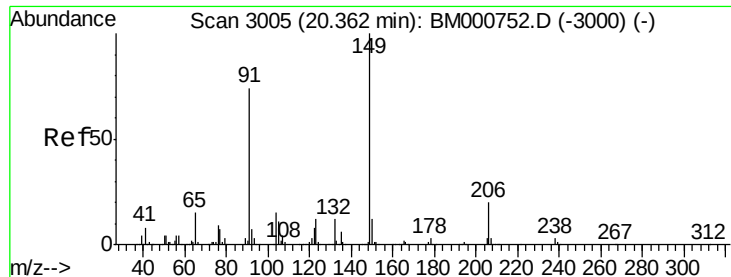


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





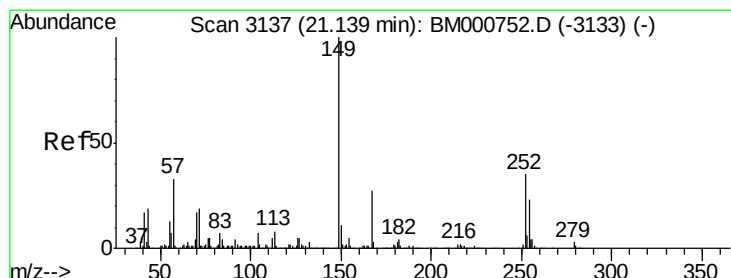
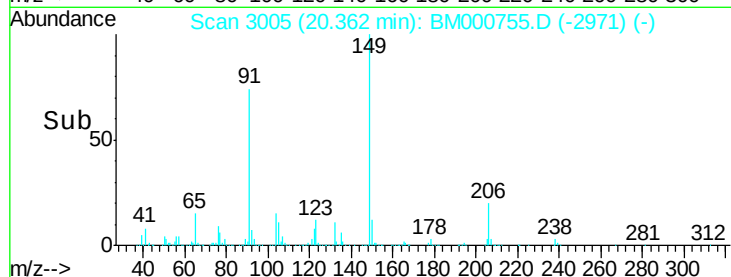
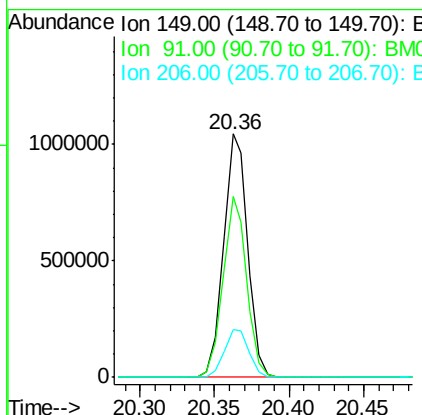
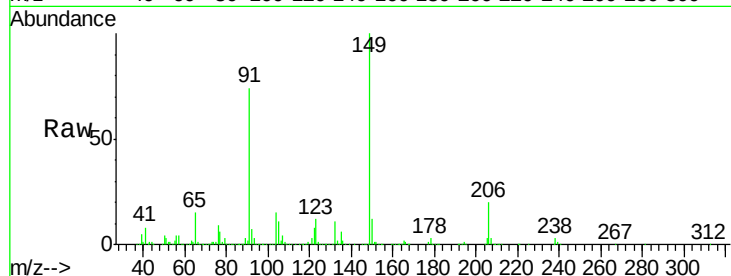
#78
 Butylbenzylphthalate
 Concen: 72.02 ng/ul
 RT: 20.36 min Scan# 3005
 Delta R.T. -0.00 min
 Lab File: BM000755.D
 Acq: 23 Mar 2015 16:15

Instrument :
 BNA_M
 ClientSampleId :
 X1M17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.1	57.7	86.5
206	19.6	16.3	24.5

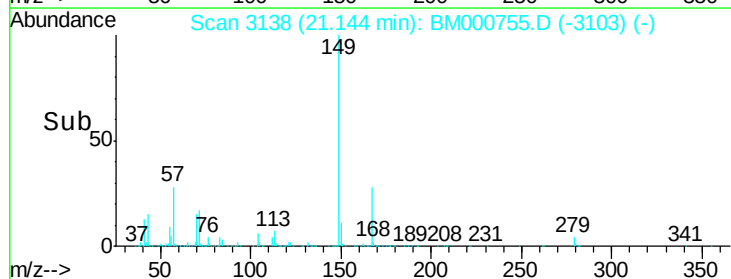
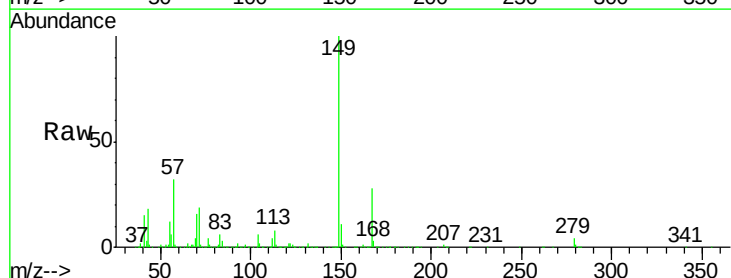
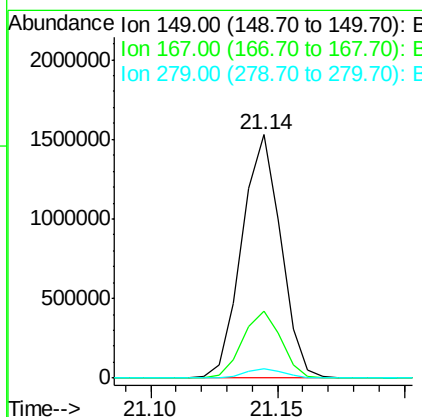
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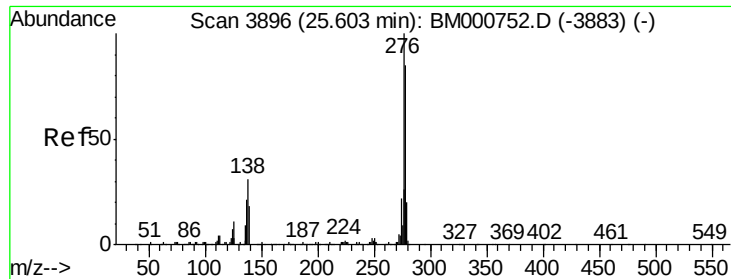
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#81
 Bis(2-ethylhexyl)phthalate
 Concen: 65.50 ng/ul
 RT: 21.14 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BM000755.D
 Acq: 23 Mar 2015 16:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.5	32.3
279	3.8	2.9	4.3





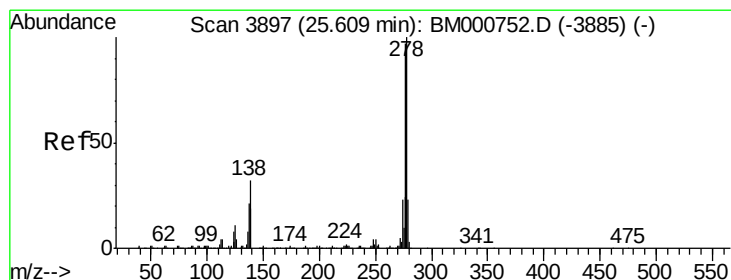
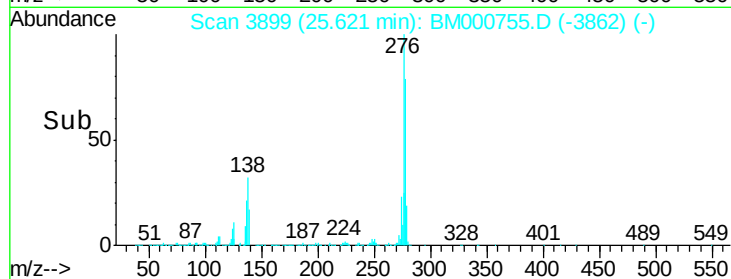
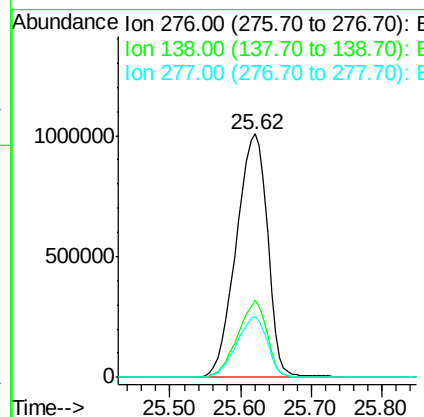
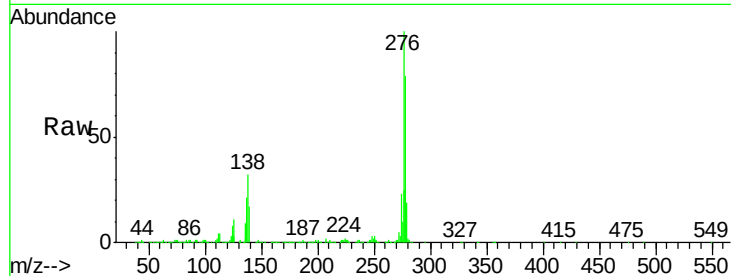
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 62.49 ng/ul
 RT: 25.62 min Scan# 3899
 Delta R.T. 0.02 min
 Lab File: BM000755.D
 Acq: 23 Mar 2015 16:15

Instrument :
 BNA_M
 ClientSampleId :
 X1M17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	24.6	36.8
277	24.7	20.3	30.5

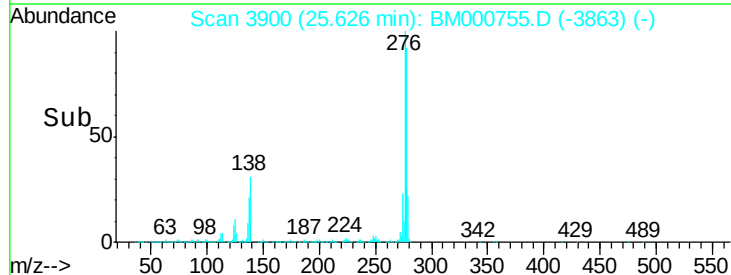
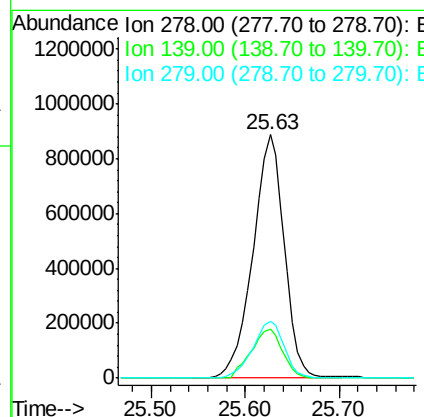
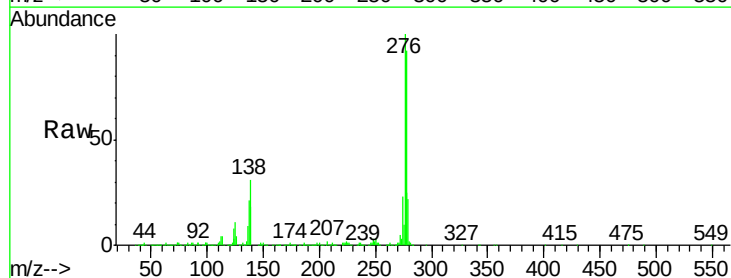
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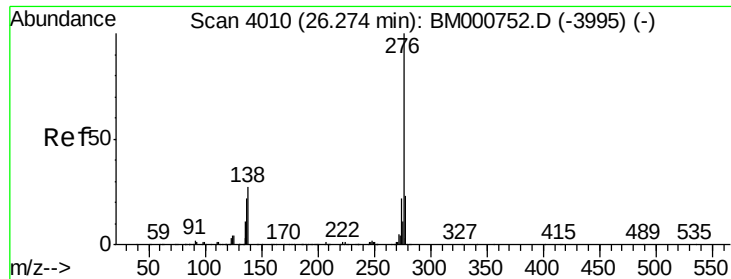
mohammad
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#90
 Dibenzo(a,h)anthracene
 Concen: 49.06 ng/ul
 RT: 25.63 min Scan# 3900
 Delta R.T. 0.02 min
 Lab File: BM000755.D
 Acq: 23 Mar 2015 16:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.0	15.6	23.4
279	23.4	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 46.75 ng/ul
 RT: 26.29 min Scan# 4012
 Delta R.T. 0.01 min
 Lab File: BM000755.D
 Acq: 23 Mar 2015 16:15

Instrument :
 BNA_M
 ClientSampleId :
 X1M17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.9	31.3
277	23.8	18.6	28.0

Manual Integrations
 APPROVED

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