

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010834.D
 Acq On : 14 Jul 2017 04:10
 Operator : SJ/JU
 Sample : I4145-07MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Manual Integrations
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mohammad
 7/17/2017 8:13:38 AM

Quant Time: Jul 14 07:00:16 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	203399	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	839321	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	572879	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1354209	20.00	ng	0.00
75) Chrysene-d12	21.07	240	1347468	20.00	ng	0.00
86) Perylene-d12	23.19	264	1205636	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	1741125	141.80	ng	0.00
7) Phenol-d6	6.65	99	2139437	126.39	ng	0.00
23) Nitrobenzene-d5	8.59	82	2048231	93.80	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1333326	152.30	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	4541619	98.62	ng	0.00
78) Terphenyl-d14	19.51	244	6691695	96.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.11	88	187063	34.526	ng	# 100
3) Pyridine	3.48	79	357861	24.164	ng	# 89
4) n-Nitrosodimethylamine	3.39	42	347323	45.888	ng	# 60
6) Aniline	6.80	93	674366	31.802	ng	# 87
8) 2-Chlorophenol	7.02	128	555830	45.720	ng	# 88
9) Benzaldehyde	6.60	77	287067	24.423	ng	# 82
10) Phenol	6.67	94	722552	40.372	ng	# 98
11) bis(2-Chloroethyl)ether	6.89	93	603470	43.780	ng	# 94
12) 1,3-Dichlorobenzene	7.33	146	612565	40.773	ng	# 79
13) 1,4-Dichlorobenzene	7.48	146	635196	40.969	ng	# 91
14) 1,2-Dichlorobenzene	7.79	146	616978	41.761	ng	# 93
15) Benzyl Alcohol	7.69	79	793247	49.489	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	7.98	45	551681	46.164	ng	# 77
17) 2-Methylphenol	7.89	107	546388	47.205	ng	# 78
18) Hexachloroethane	8.50	117	286570	44.066	ng	# 79
19) n-Nitroso-di-n-propylamine	8.26	70	615153	45.876	ng	# 95
20) 3+4-Methylphenols	8.22	107	729826	45.383	ng	# 83
22) Acetophenone	8.26	105	1070216	42.349	ng	# 95
24) Nitrobenzene	8.63	77	967383	43.228	ng	# 89
25) Isophorone	9.16	82	1598515	44.686	ng	# 87
26) 2-Nitrophenol	9.33	139	320699	43.067	ng	# 23
27) 2,4-Dimethylphenol	9.40	122	583883	43.932	ng	# 71
28) bis(2-Chloroethoxy)methane	9.65	93	894915	44.627	ng	# 99
29) 2,4-Dichlorophenol	9.86	162	677156	45.104	ng	# 93
30) 1,2,4-Trichlorobenzene	10.07	180	783693	42.699	ng	# 98
31) Naphthalene	10.26	128	1900118	44.523	ng	# 99
32) Benzoic acid	9.55	122	383381	36.765	ng	# 76
33) 4-Chloroaniline	10.37	127	407402	23.694	ng	# 74
34) Hexachlorobutadiene	10.55	225	612938	43.039	ng	# 100
35) Caprolactam	11.16	113	141478m	35.396	ng	# 77
36) 4-Chloro-3-methylphenol	11.51	107	802577	44.194	ng	# 87
37) 2-Methylnaphthalene	11.88	142	1515335	49.435	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1077257	43.140	ng	# 100
40) Hexachlorocyclopentadiene	12.24	237	1577743	110.217	ng	# 99

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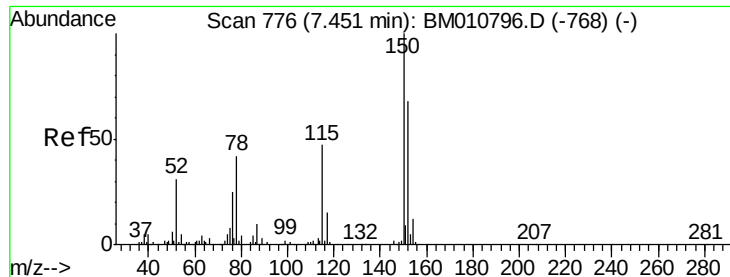
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Quant Time: Jul 14 07:00:16 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	671145	43.648	ng	99
43) 2,4,5-Trichlorophenol	12.58	196	697098	45.920	ng	# 87
45) 1,1'-Biphenyl	12.92	154	2079269	41.661	ng	98
46) 2-Chloronaphthalene	12.96	162	1662720	45.435	ng	94
47) 2-Nitroaniline	13.17	65	567190	47.148	ng	# 73
48) Acenaphthylene	13.82	152	2466621	45.318	ng	98
49) Dimethylphthalate	13.57	163	2131864	43.742	ng	# 98
50) 2,6-Dinitrotoluene	13.69	165	436338	45.644	ng	# 55
51) Acenaphthene	14.16	154	1520149	45.707	ng	99
52) 3-Nitroaniline	14.02	138	323084	37.177	ng	# 52
53) 2,4-Dinitrophenol	14.22	184	604872	91.532	ng	# 88
54) Dibenzofuran	14.50	168	2650020	49.258	ng	# 90
55) 4-Nitrophenol	14.33	139	577132	76.465	ng	# 1
56) 2,4-Dinitrotoluene	14.48	165	625338	47.142	ng	94
57) Fluorene	15.15	166	2162398	46.757	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.73	232	721429	51.146	ng	# 100
59) Diethylphthalate	14.95	149	2196936	45.643	ng	100
60) 4-Chlorophenyl-phenylether	15.16	204	1365739	48.074	ng	100
61) 4-Nitroaniline	15.19	138	398623	43.885	ng	# 1
62) Azobenzene	15.45	77	2610965	53.420	ng	87
64) 4,6-Dinitro-2-methylphenol	15.24	198	391156	43.803	ng	91
65) n-Nitrosodiphenylamine	15.37	169	1866412	48.166	ng	99
66) 4-Bromophenyl-phenylether	16.05	248	865175	50.412	ng	# 87
67) Hexachlorobenzene	16.16	284	884086	45.050	ng	# 82
68) Atrazine	16.34	200	553461	34.489	ng	97
69) Pentachlorophenol	16.50	266	1128881	89.732	ng	96
70) Phenanthrene	16.89	178	3512348	49.856	ng	100
71) Anthracene	16.99	178	3524053	50.393	ng	98
72) Carbazole	17.26	167	2814892	45.704	ng	99
73) Di-n-butylphthalate	17.84	149	3433526	47.121	ng	# 96
74) Fluoranthene	18.92	202	4118283	47.201	ng	98
76) Benzidine	19.12	184	709734	19.683	ng	99
77) Pyrene	19.29	202	4166433	53.337	ng	99
79) Butylbenzylphthalate	20.22	149	1352835	49.467	ng	# 75
80) Benzo(a)anthracene	21.05	228	3800063	48.670	ng	99
81) 3,3'-Dichlorobenzidine	20.99	252	1108080	36.094	ng	# 97
82) Chrysene	21.10	228	3552625	47.777	ng	99
83) Bis(2-ethylhexyl)phthalate	21.01	149	1877015	47.131	ng	# 99
84) Di-n-octyl phthalate	21.86	149	3031043	46.452	ng	100
85) Indeno(1,2,3-cd)pyrene	25.30	276	4264379	50.013	ng	# 100
87) Benzo(b)fluoranthene	22.57	252	3693170	48.225	ng	# 91
88) Benzo(k)fluoranthene	22.61	252	3565304	48.741	ng	# 94
89) Benzo(a)pyrene	23.10	252	3482948	49.966	ng	# 97
90) Dibenzo(a,h)anthracene	25.31	278	3539532	52.316	ng	# 91
91) Benzo(g,h,i)perylene	25.94	276	3566236	53.622	ng	# 84

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



#1

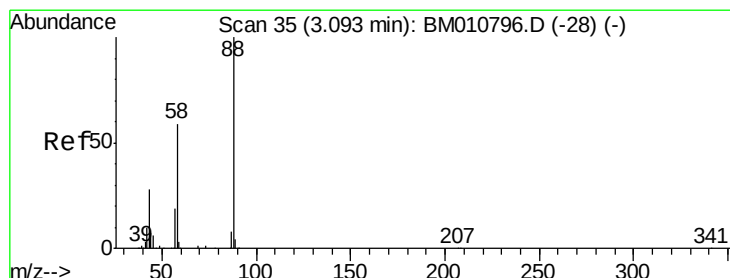
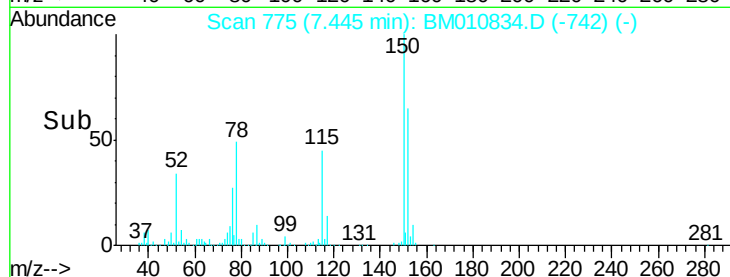
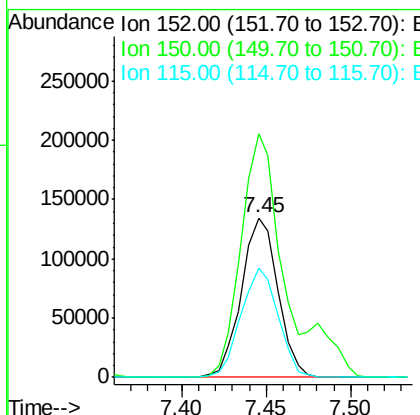
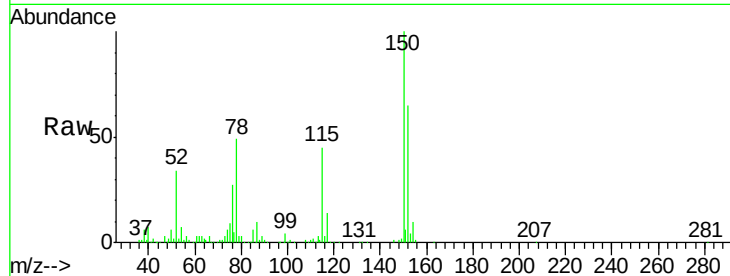
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		203399		
150	152.8	119.5	179.3		
115	68.8	43.0	64.4#		

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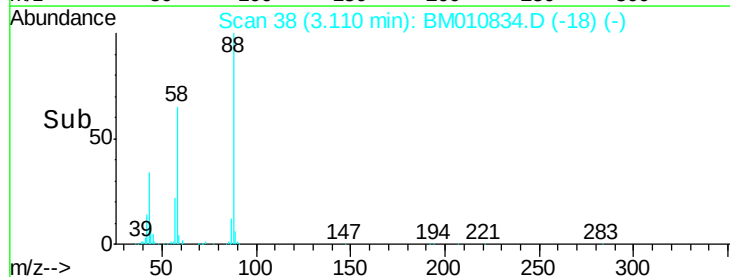
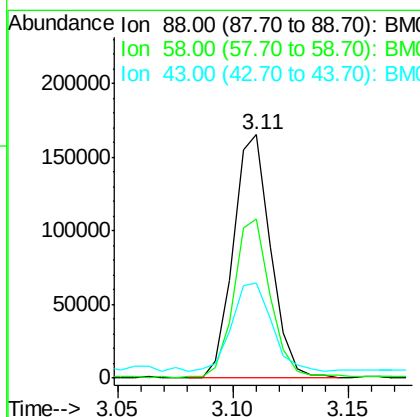
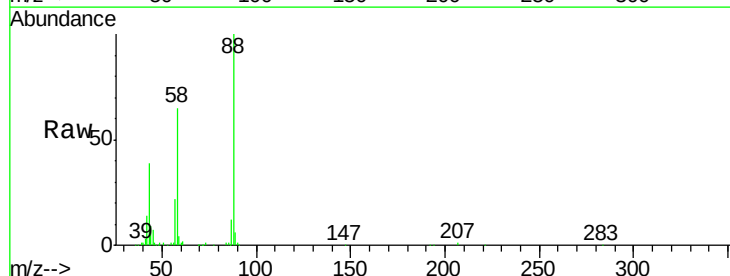
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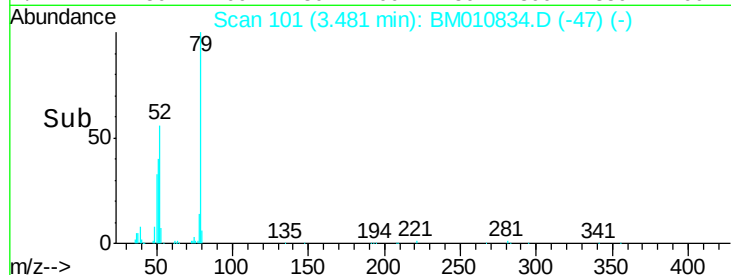
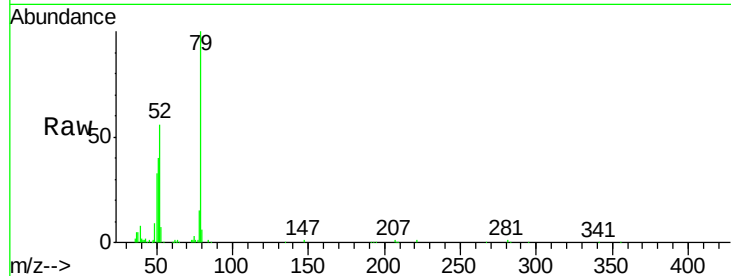
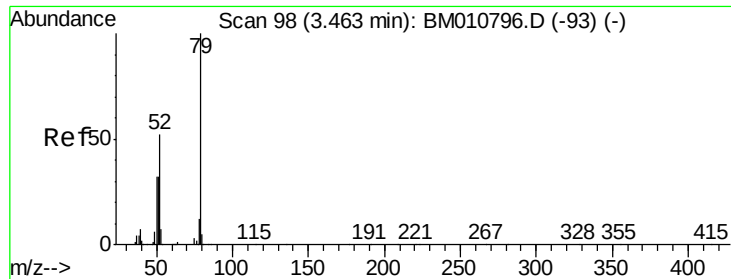


#2

1,4-Dioxane
Concen: 34.526 ng
RT: 3.11 min Scan# 38
Delta R.T. 0.02 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt	Ion	Ratio	Resp	Lower	Upper
88	100		187063		
58	65.2	0.0	0.0#		
43	38.6	0.0	0.0#		





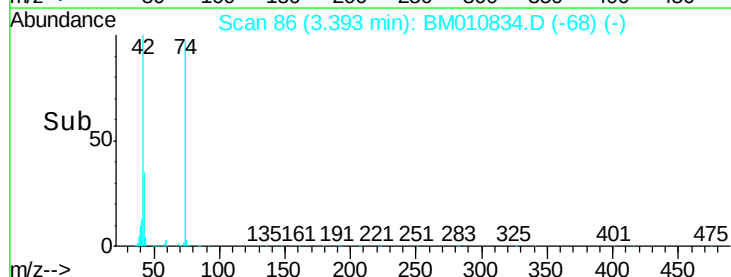
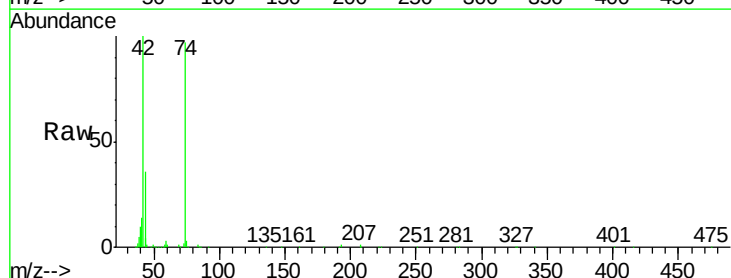
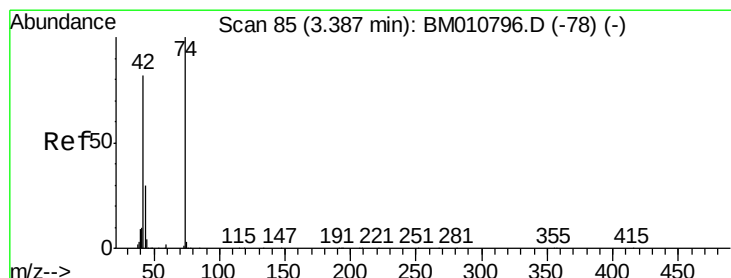
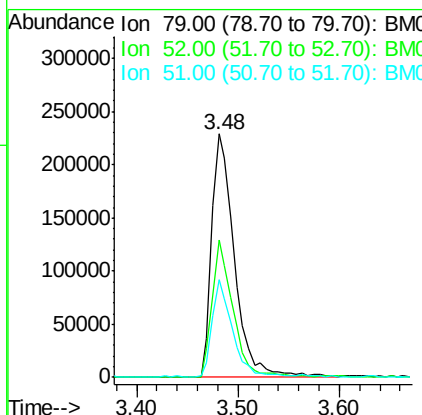
#3
 Pyridine
 Concen: 24.164 ng
 RT: 3.48 min Scan# 101
 Delta R.T. 0.02 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
79	100		
52	56.3	51.1	76.7
51	40.3	26.1	39.1#

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

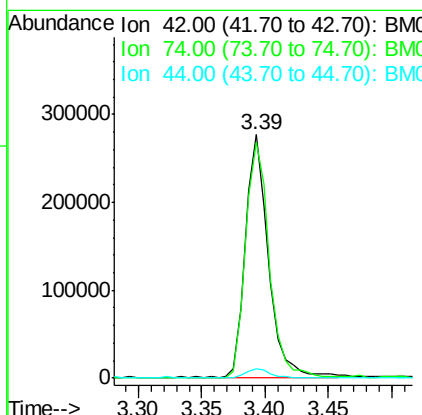
Manual Integrations
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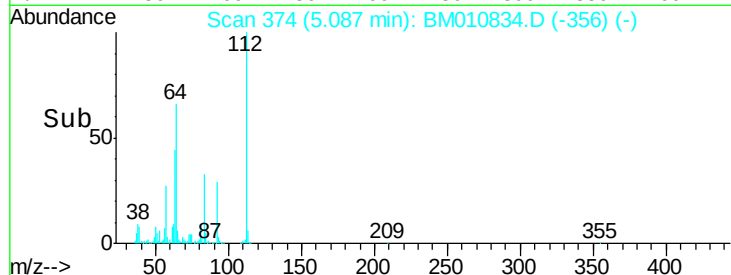
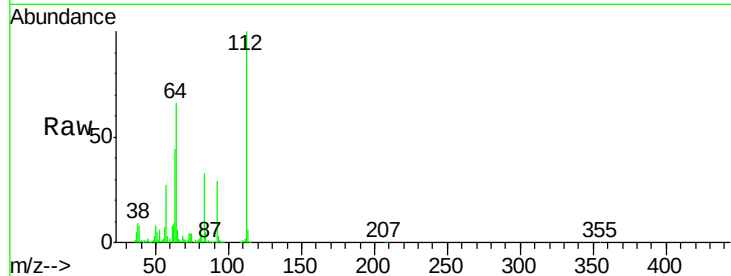
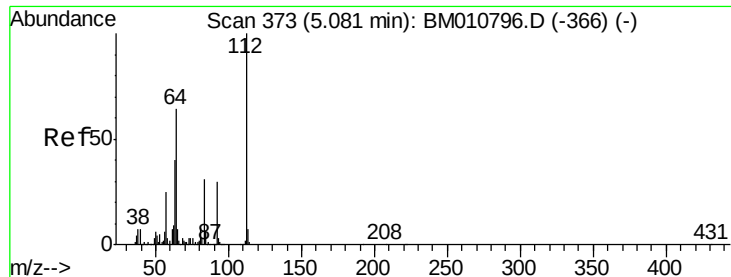
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#4
 n-Nitrosodimethylamine
 Concen: 45.888 ng
 RT: 3.39 min Scan# 86
 Delta R.T. 0.01 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	96.8	119.3	178.9#
44	3.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 141.798 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Tgt Ion:	112	Resp:	1741125
Ion Ratio	Lower	Upper	
112	100		
64	66.1	38.6	57.8#
63	43.8	19.3	28.9#

Instrument :

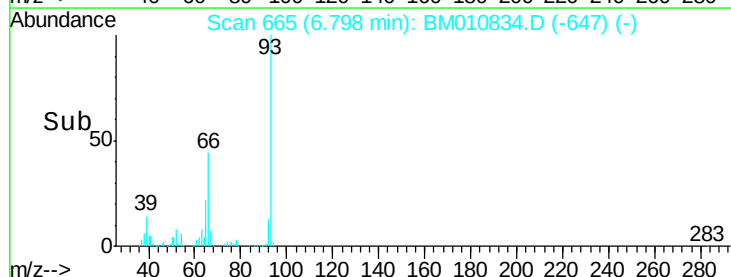
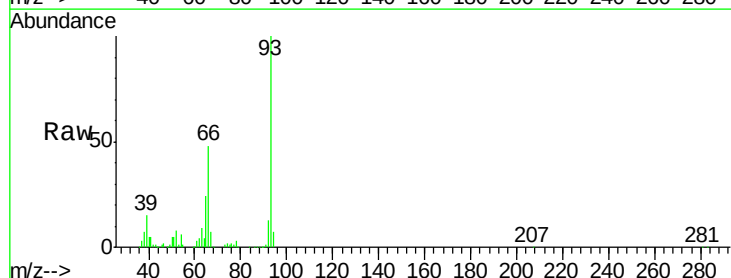
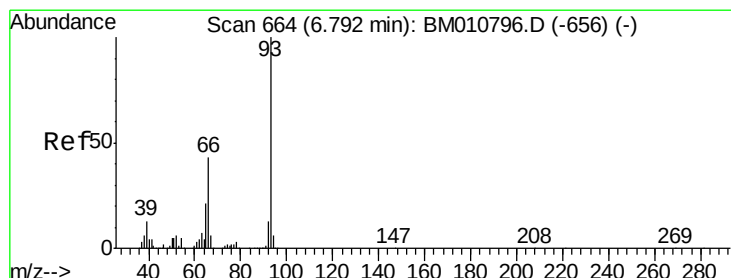
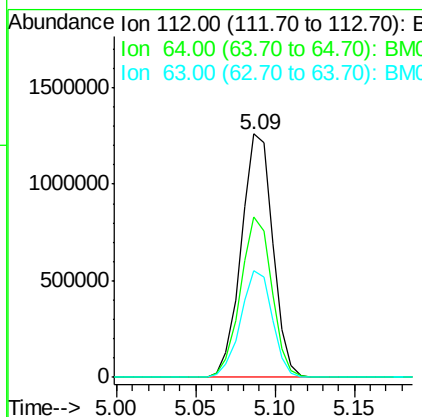
BNA_M

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TRANSFORMER-3-4-5-COMPMS

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#6

Aniline

Concen: 31.802 ng

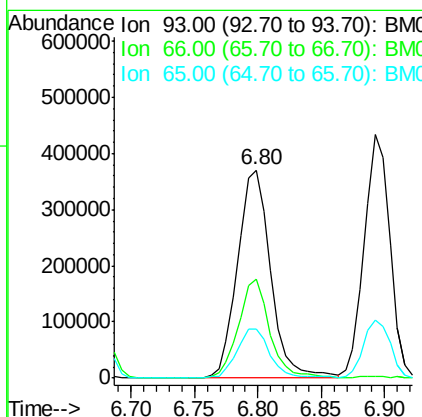
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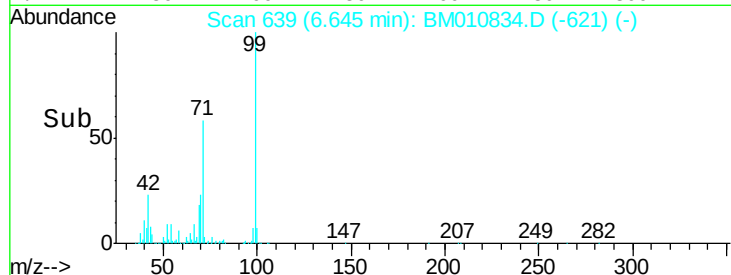
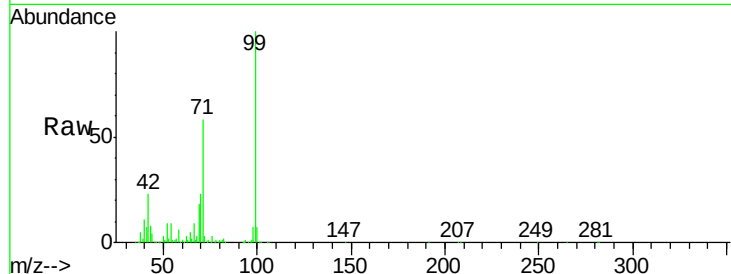
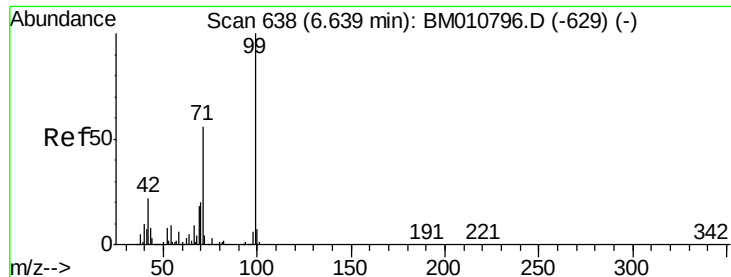
Delta R.T. 0.01 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Tgt Ion:	93	Resp:	674366
Ion Ratio	Lower	Upper	
93	100		
66	47.7	30.8	46.2#
65	23.8	16.0	24.0





#7

Phenol-d6

Concen: 126.388 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Tgt Ion:	99	Resp:	2139437
Ion	Ratio	Lower	Upper
99	100		
42	23.3	11.0	16.4#
71	58.3	23.4	35.2#

Instrument :

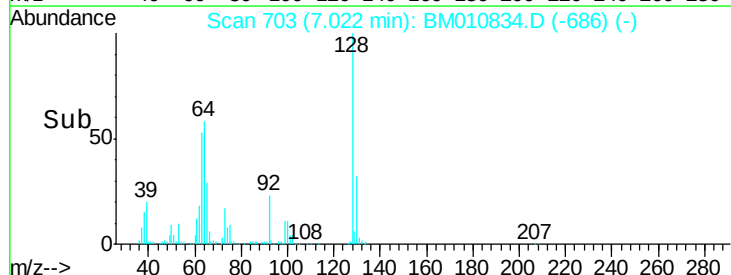
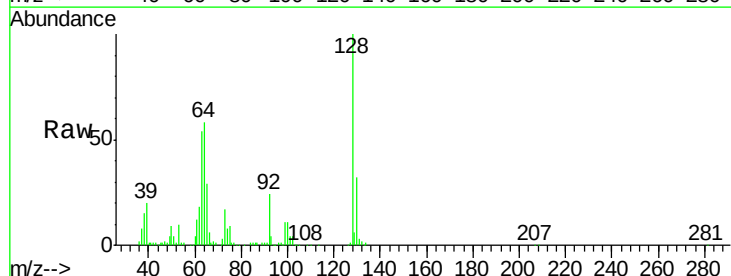
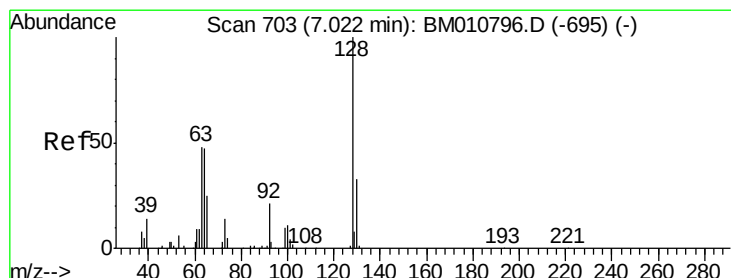
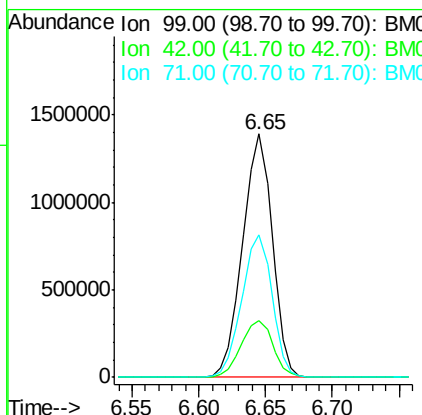
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#8

2-Chlorophenol

Concen: 45.720 ng

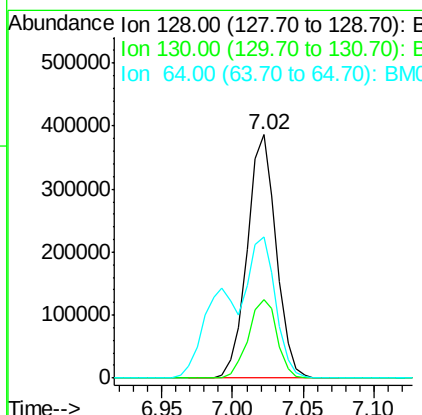
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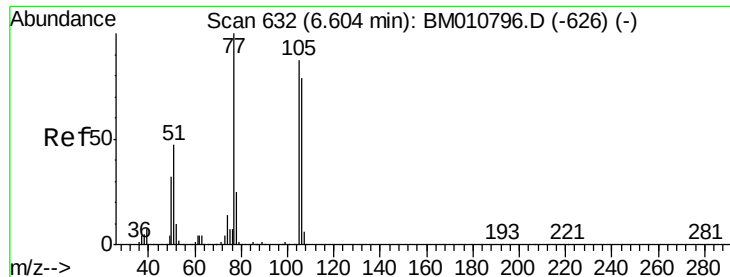
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Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Tgt Ion:	128	Resp:	555830
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	57.8	24.9	64.9





#9

Benzaldehyde

Concen: 24.423 ng

RT: 6.60 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Instrument :

BNA_M

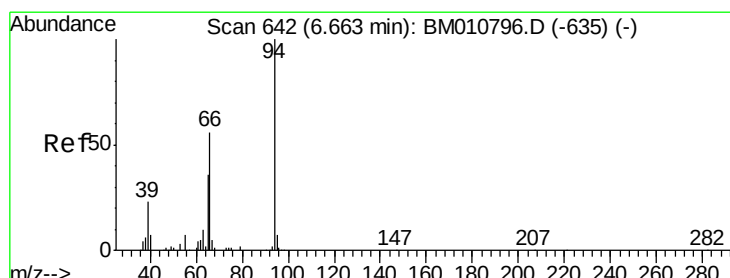
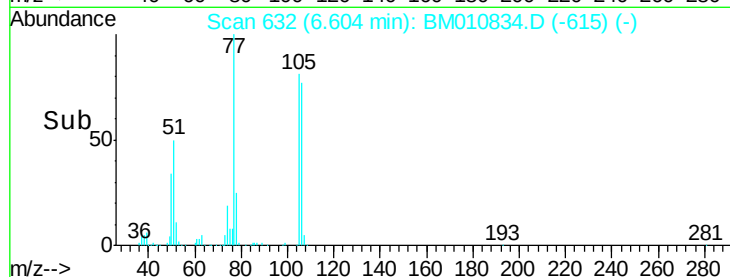
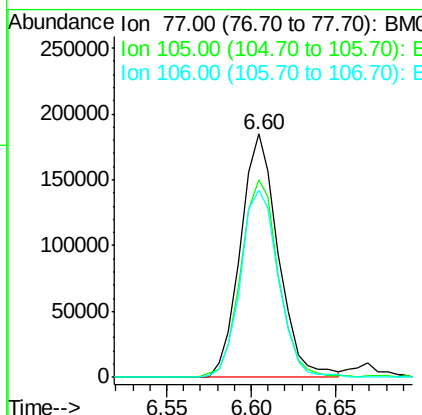
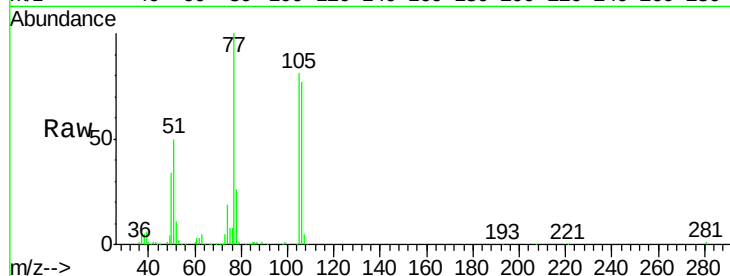
ClientSampleId :

TRANSFORMER-3-4-5-COMPMS

Tgt Ion:	77	Resp:	287067
Ion Ratio	Lower	Upper	
77	100		
105	80.9	78.8	118.8
106	76.8	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 40.372 ng

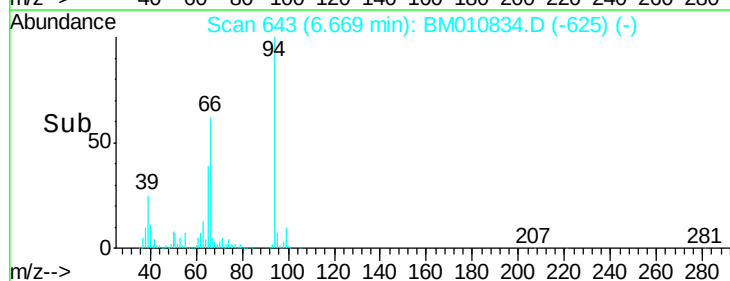
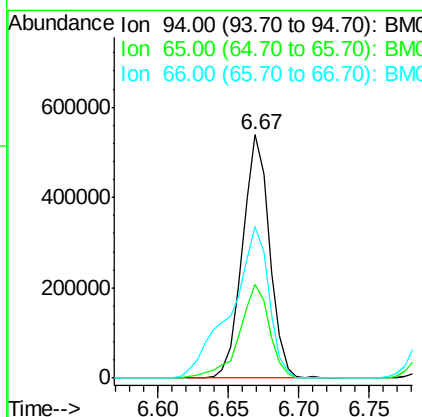
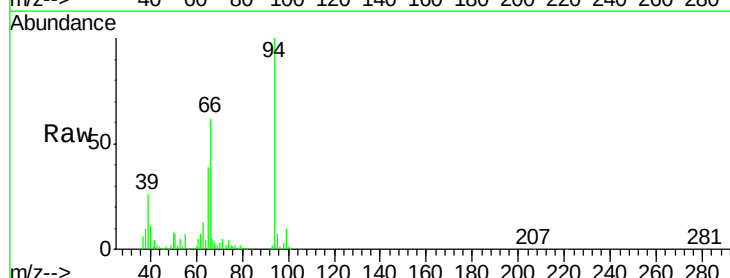
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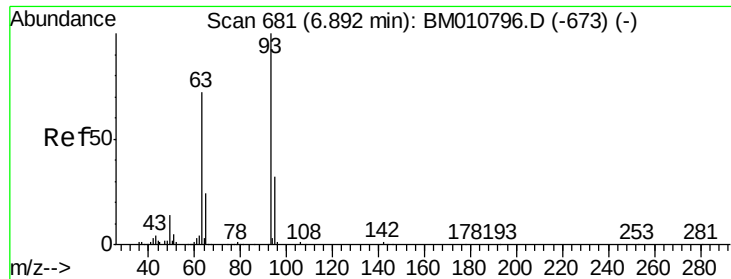
Delta R.T. 0.01 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Tgt Ion:	94	Resp:	722552
Ion Ratio	Lower	Upper	
94	100		
65	38.5	18.8	58.8
66	62.3	39.9	79.9





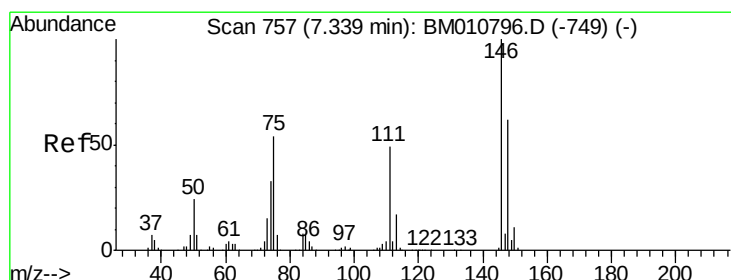
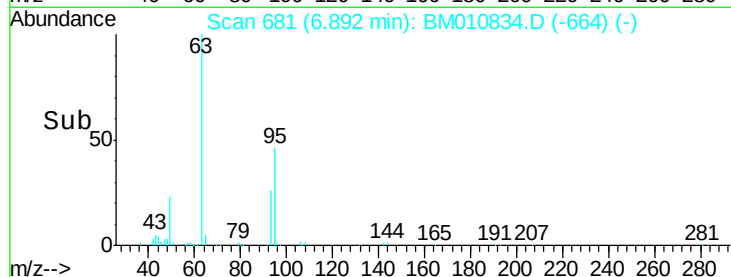
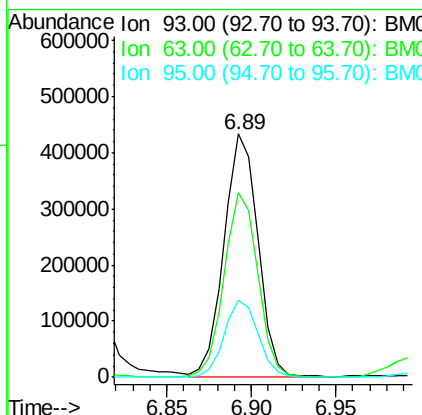
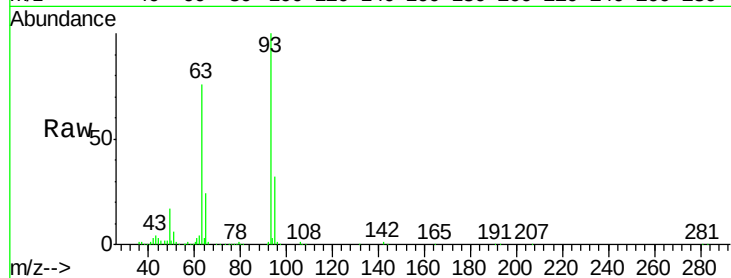
#11
bis(2-Chloroethyl)ether
Concen: 43.780 ng
RT: 6.89 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	75.9	49.5	89.5
95	32.0	13.5	53.5

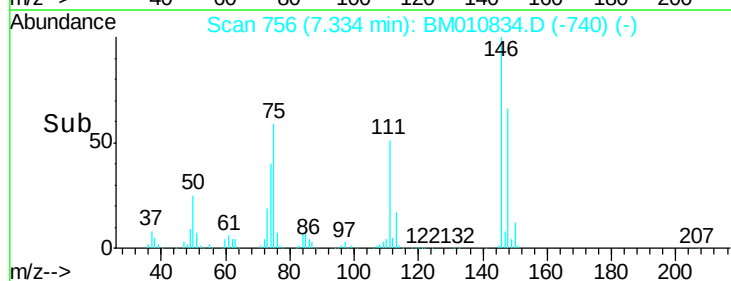
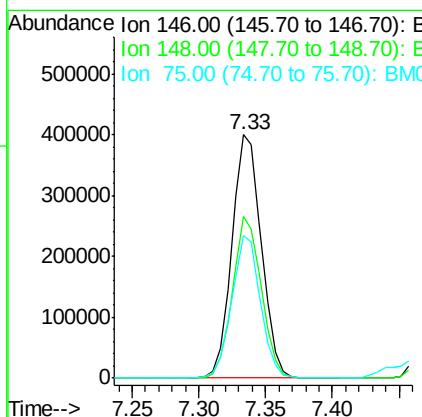
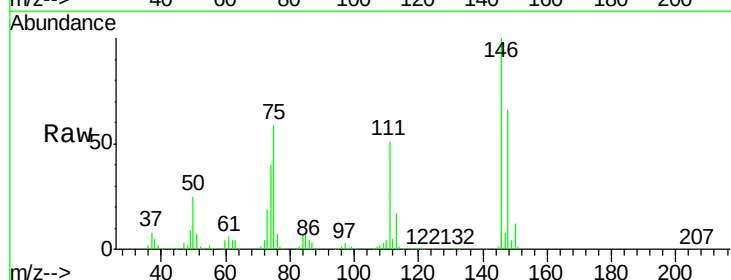
Manual Integrations
APPROVED

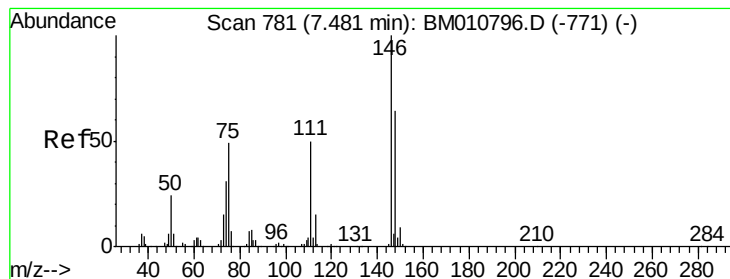
mohammad
7/17/2017 8:13:38 AM



#12
1,3-Dichlorobenzene
Concen: 40.773 ng
RT: 7.33 min Scan# 756
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	50.9	76.3
75	58.6	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 40.969 ng

RT: 7.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Instrument :

BNA_M

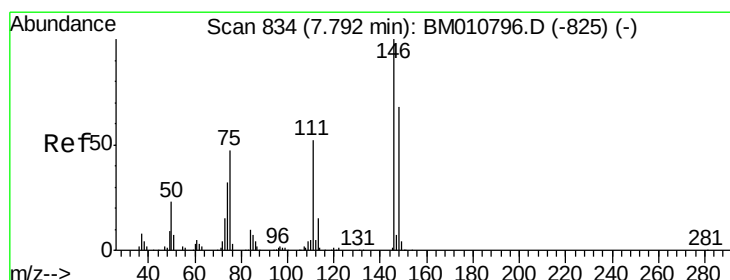
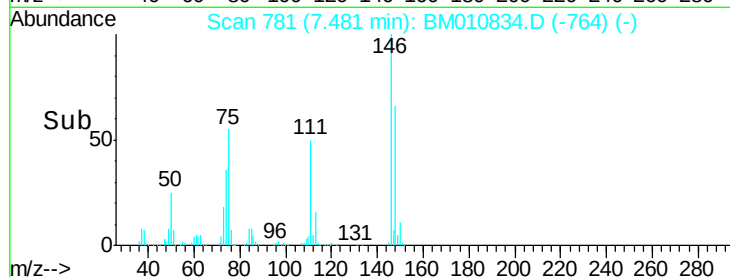
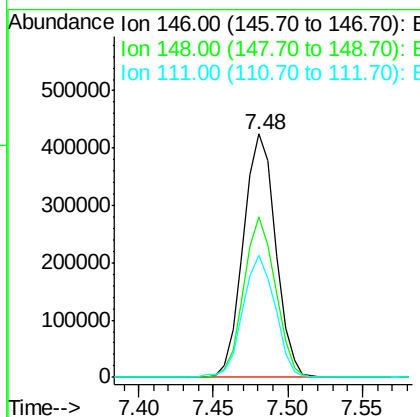
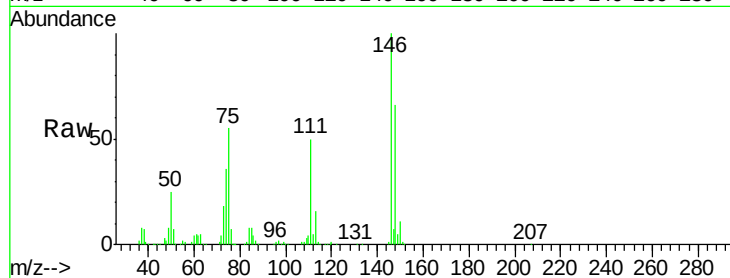
ClientSampleId :

TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.9	77.9
111	49.9	29.2	43.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.761 ng

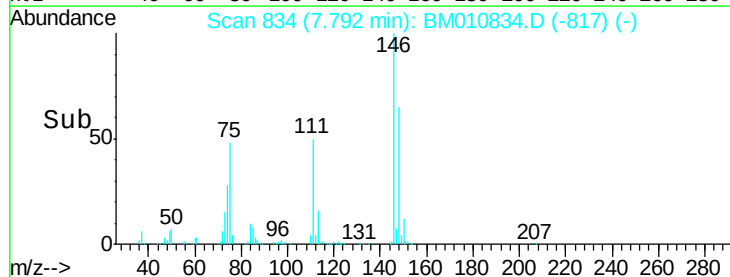
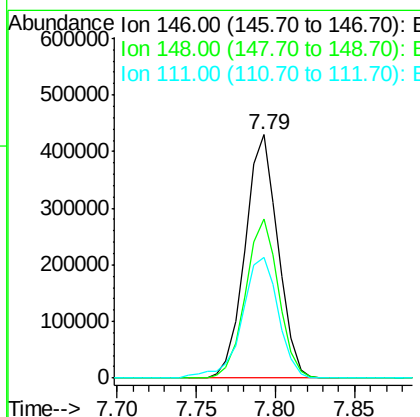
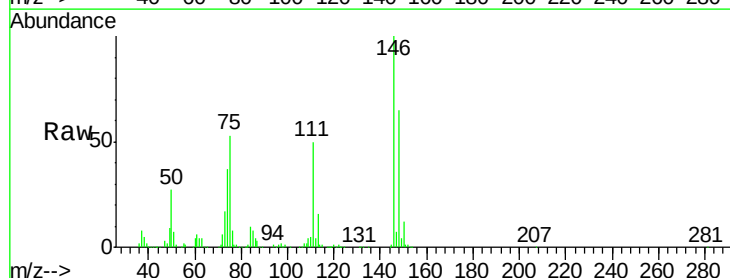
RT: 7.79 min Scan# 834

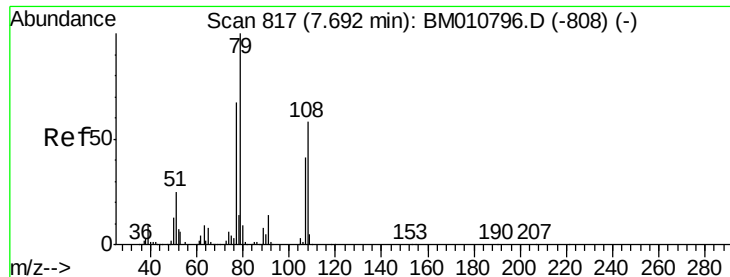
Delta R.T. 0.00 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.3	78.5
111	49.8	30.6	45.8





#15

Benzyl Alcohol

Concen: 49.489 ng

RT: 7.69 min Scan# 817

Delta R.T. 0.00 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Instrument :

BNA_M

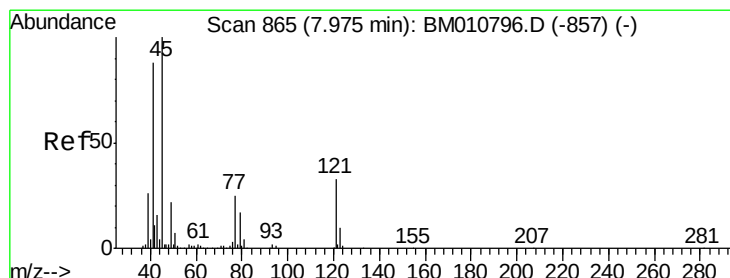
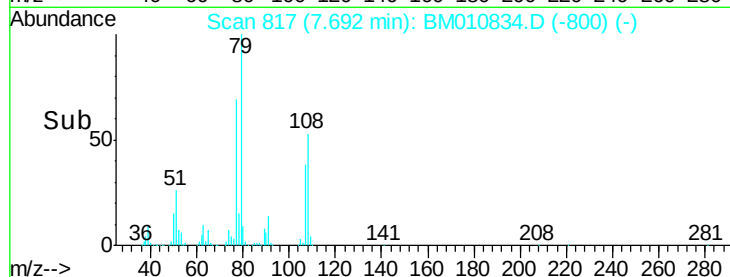
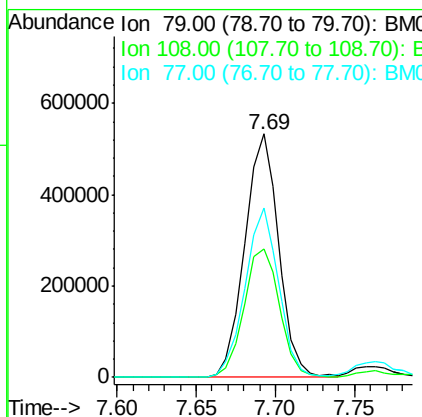
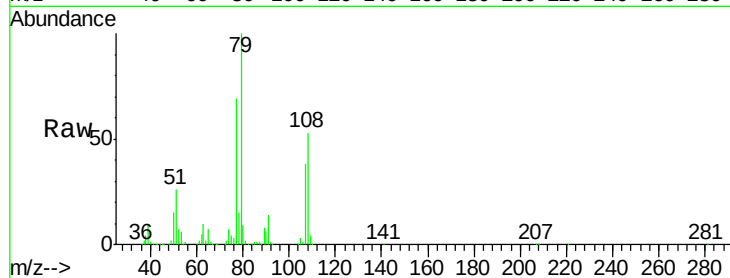
ClientSampleId :

TRANSFORMER-3-4-5-COMPMS

Tgt Ion:	79	Resp:	793247
Ion Ratio	Lower	Upper	
79	100		
108	52.9	65.0	97.4#
77	69.4	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.164 ng

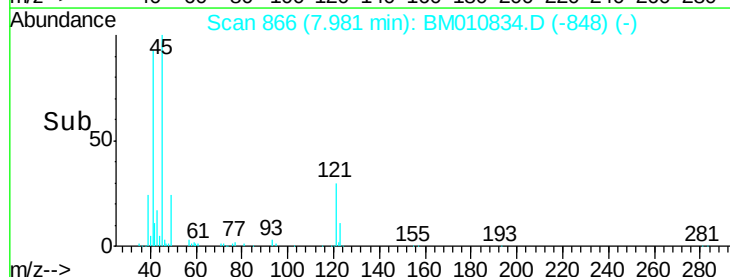
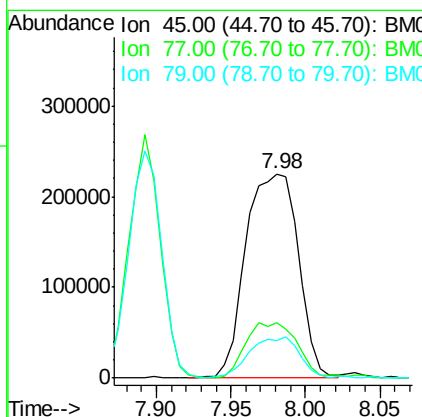
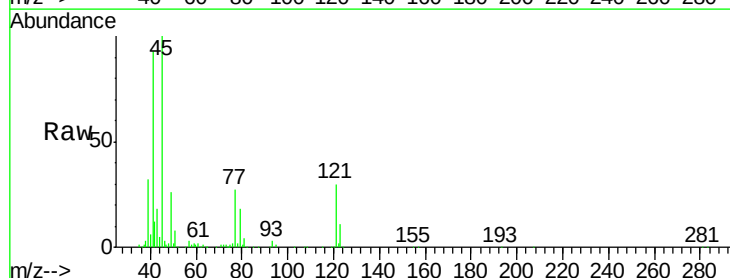
RT: 7.98 min Scan# 866

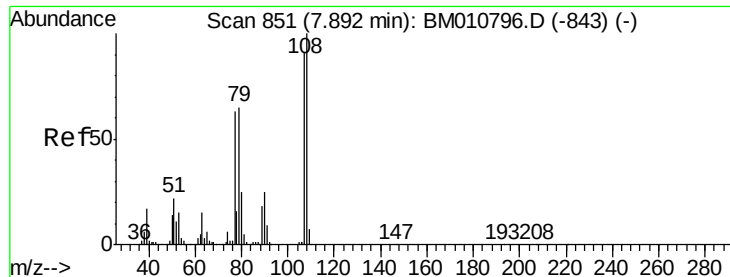
Delta R.T. 0.01 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Tgt Ion:	45	Resp:	551681
Ion Ratio	Lower	Upper	
45	100		
77	26.9	0.0	35.2
79	18.3	0.0	32.0





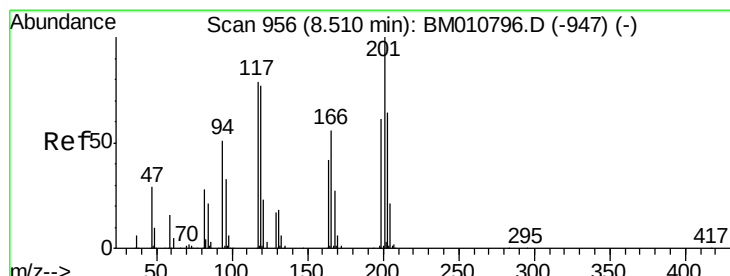
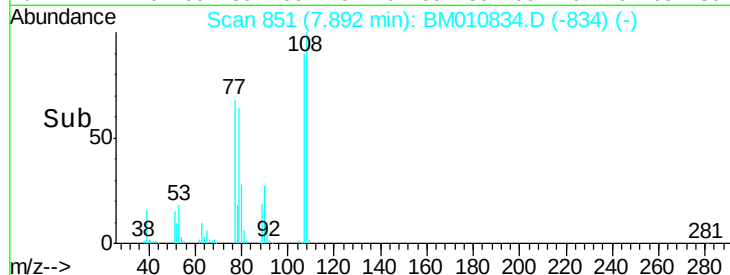
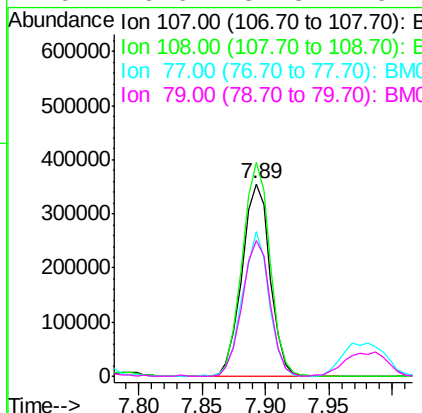
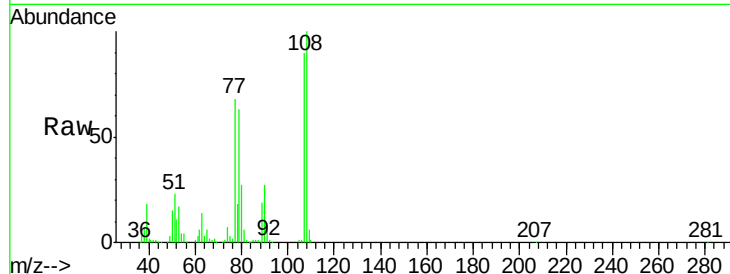
#17
2-Methylphenol
Concen: 47.205 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt	Ion	Resp	Lower	Upper
107	100			
108	111.2	89.8	134.8	
77	75.6	32.6	48.8#	
79	70.6	32.8	49.2#	

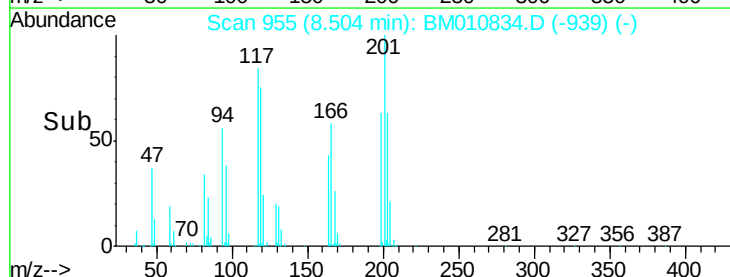
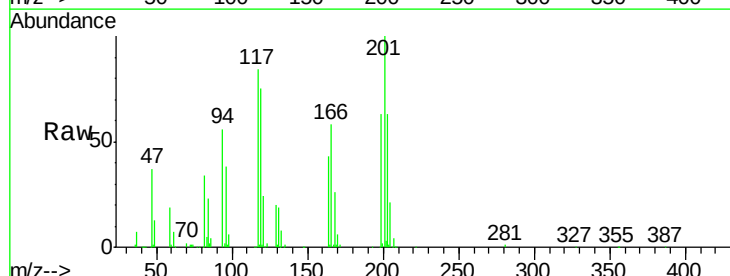
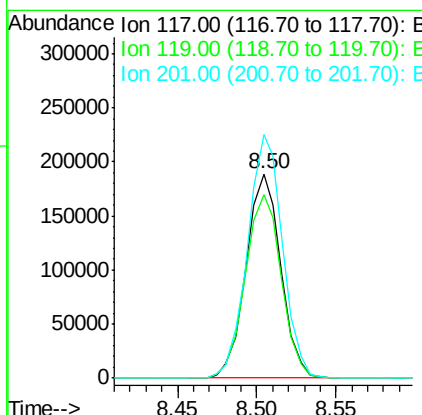
Manual Integrations
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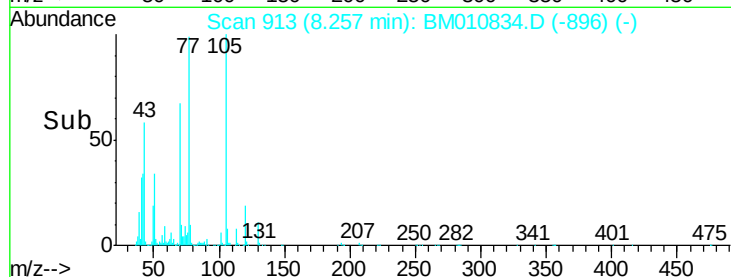
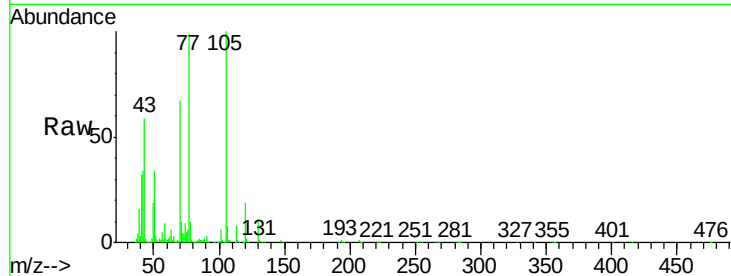
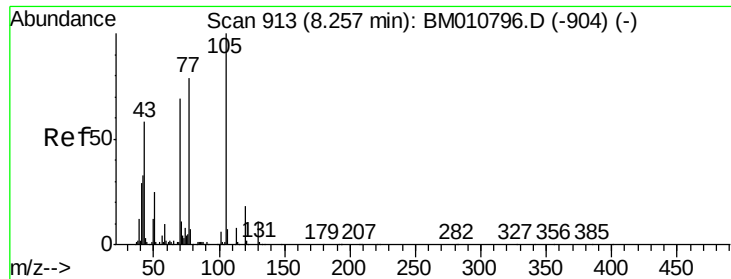
mohammad
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#18
Hexachloroethane
Concen: 44.066 ng
RT: 8.50 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt	Ion	Resp	Lower	Upper
117	100			
119	89.7	79.2	118.8	
201	119.1	69.8	104.6#	





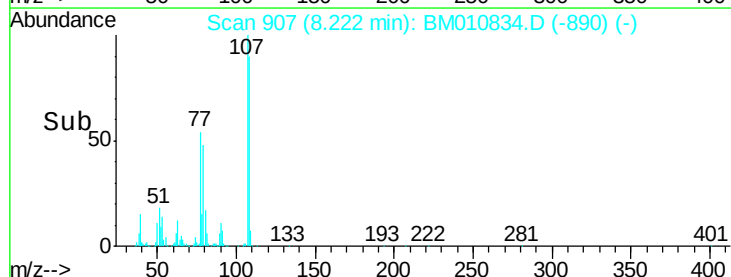
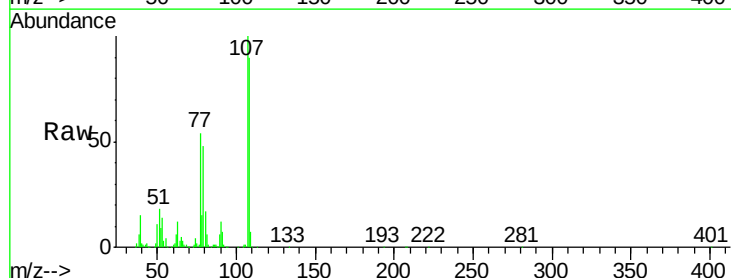
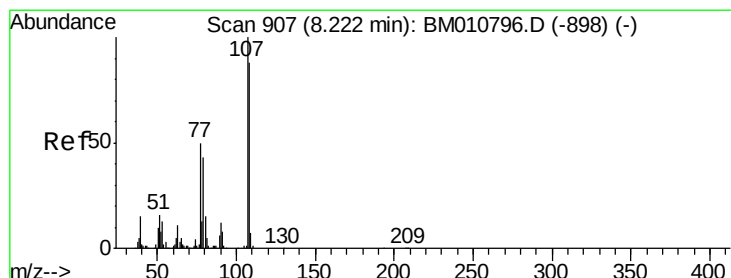
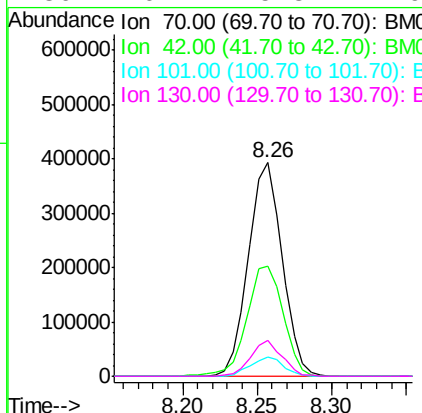
#19
n-Nitroso-di-n-propylamine
Concen: 45.876 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.3	44.5	66.7
101	9.2	7.4	11.2
130	16.7	15.3	22.9

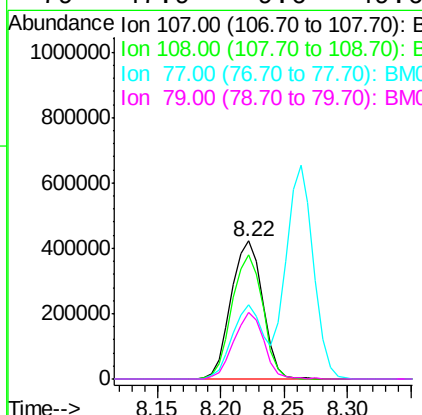
Manual Integrations
APPROVED

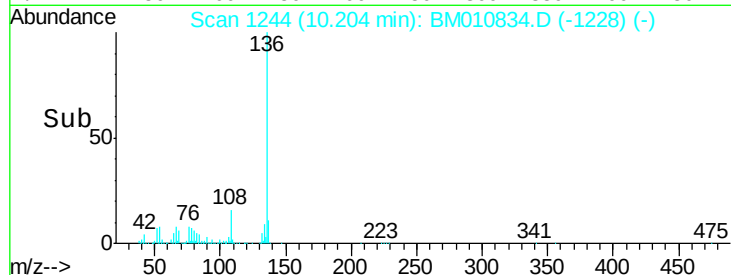
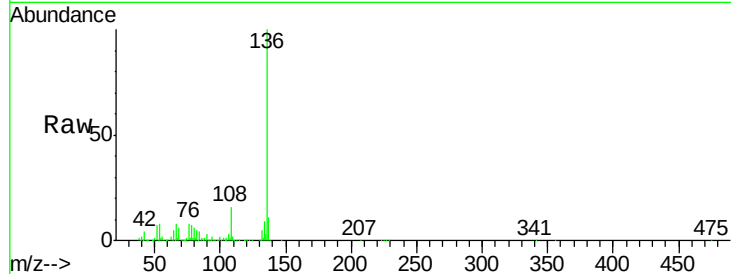
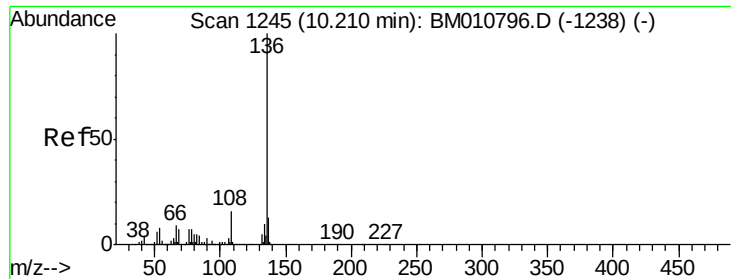
mohammad
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#20
3+4-Methylphenols
Concen: 45.383 ng
RT: 8.22 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.0	73.2	113.2
77	54.1	10.7	50.7#
79	47.9	9.6	49.6





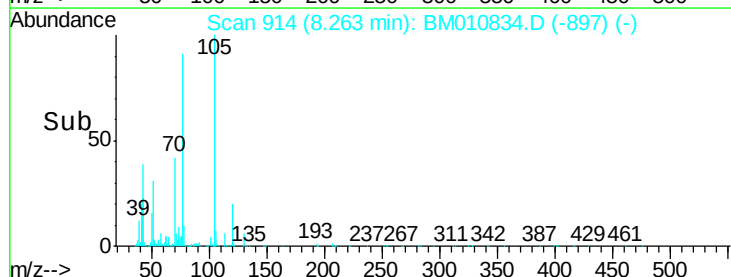
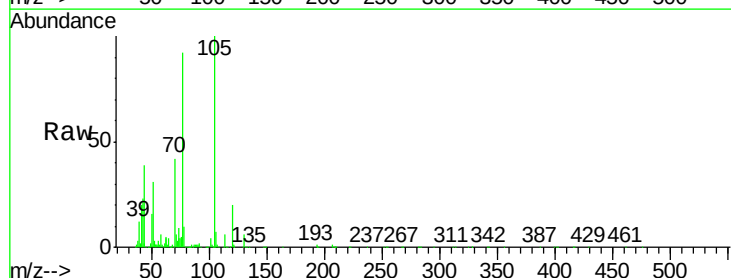
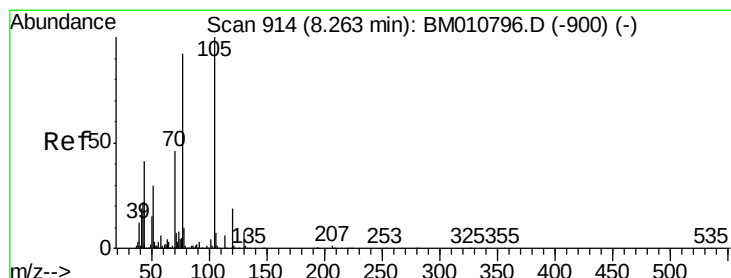
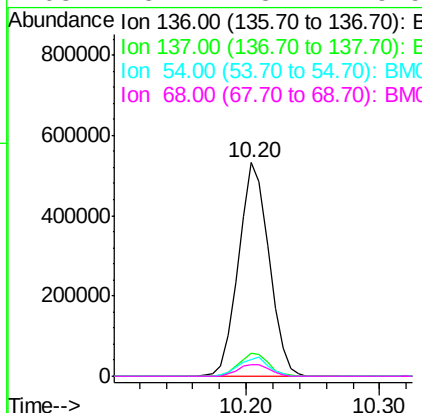
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	839321		
137	10.7	8.7	13.1	
54	8.1	4.6	6.8#	
68	5.7	3.7	5.5#	

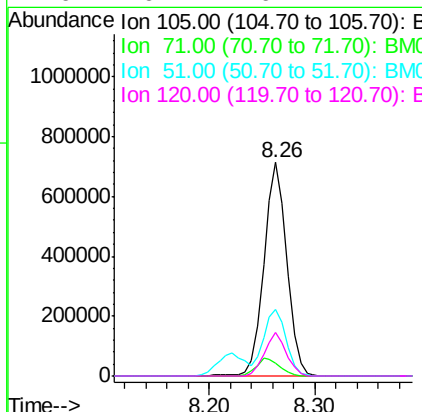
Manual Integrations
APPROVED

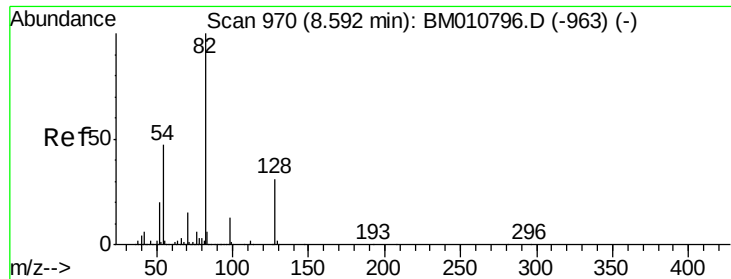
mohammad
7/17/2017 8:13:38 AM



#22
Acetophenone
Concen: 42.349 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1070216		
71	6.3	0.6	1.0#	
51	31.2	21.6	32.4	
120	20.1	16.1	24.1	





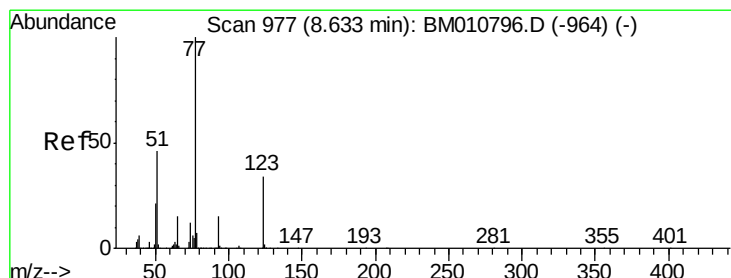
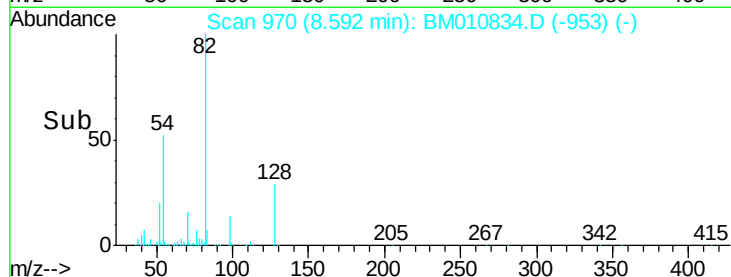
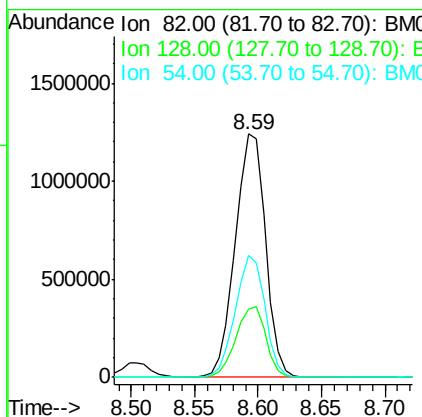
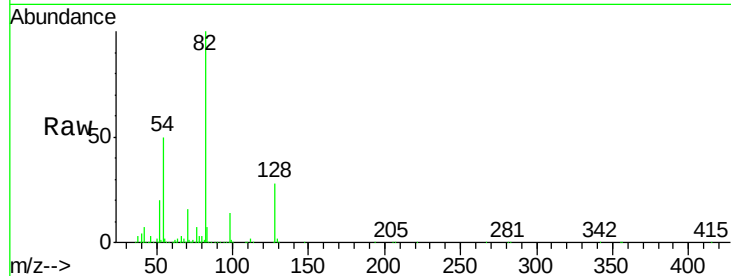
#23
 Nitrobenzene-d5
 Concen: 93.801 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Tgt Ion: 82 Resp: 2048231
 Ion Ratio Lower Upper
 82 100
 128 27.9 32.8 49.2#
 54 49.9 40.6 60.8

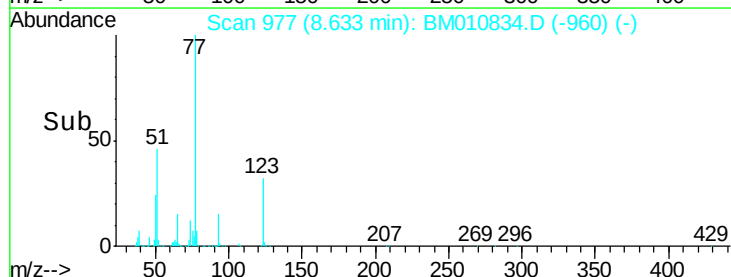
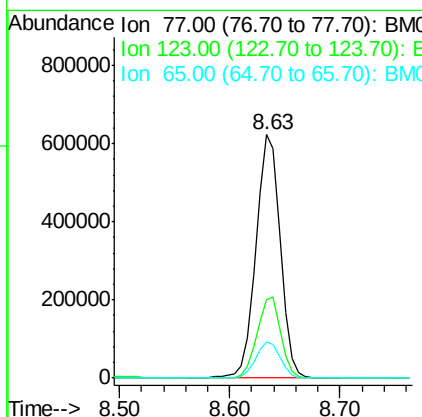
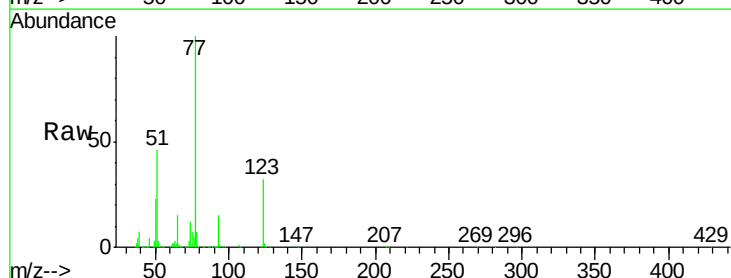
Manual Integrations
 APPROVED

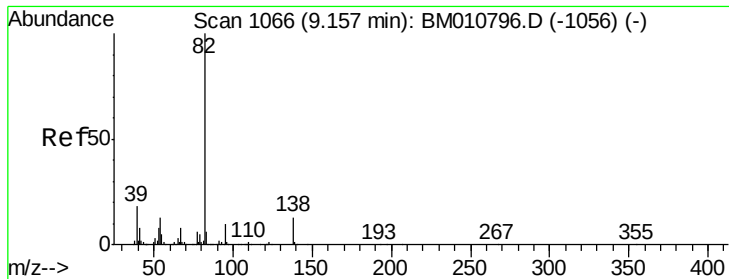
mohammad
 7/17/2017 8:13:38 AM



#24
 Nitrobenzene
 Concen: 43.228 ng
 RT: 8.63 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion: 77 Resp: 967383
 Ion Ratio Lower Upper
 77 100
 123 32.3 32.6 49.0#
 65 14.8 10.9 16.3





#25

Isophorone

Concen: 44.686 ng

RT: 9.16 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMS

Tgt Ion: 82 Resp: 1598515

Ion Ratio Lower Upper

82 100

95 9.6 5.8 8.6#

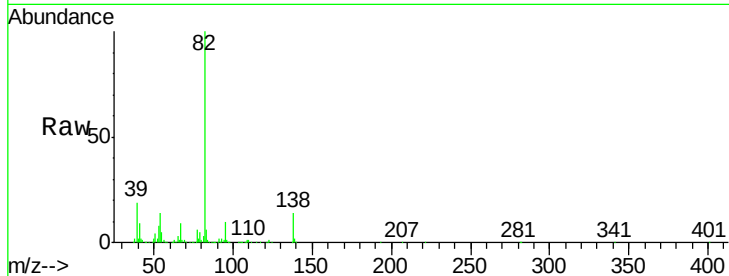
138 13.7 16.3 24.5#

Manual Integrations

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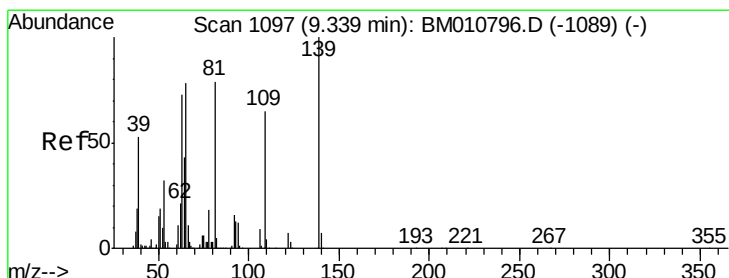
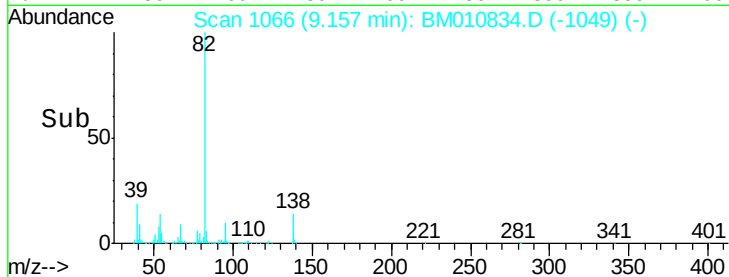
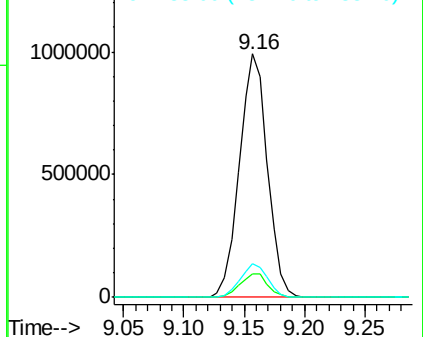
7/17/2017 8:13:38 AM



Abundance Ion 82.00 (81.70 to 82.70): BM010834.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BM010834.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BM010834.D (-1049) (-)



#26

2-Nitrophenol

Concen: 43.067 ng

RT: 9.33 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

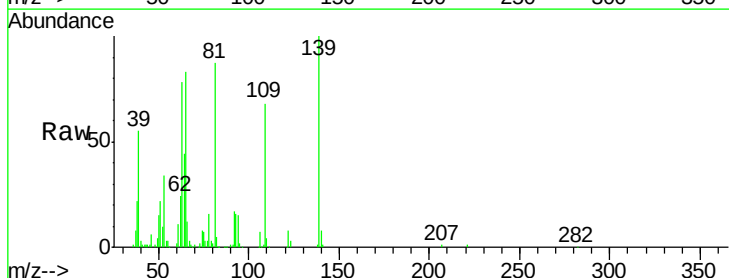
Tgt Ion: 139 Resp: 320699

Ion Ratio Lower Upper

139 100

109 67.6 20.1 30.1#

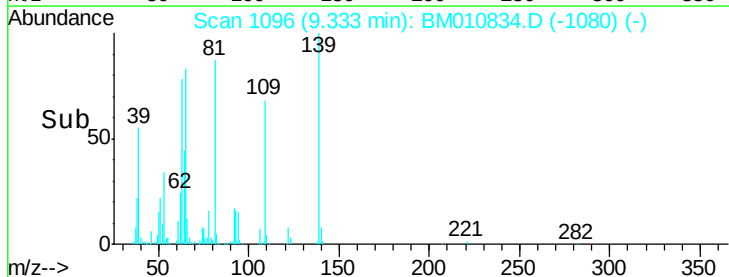
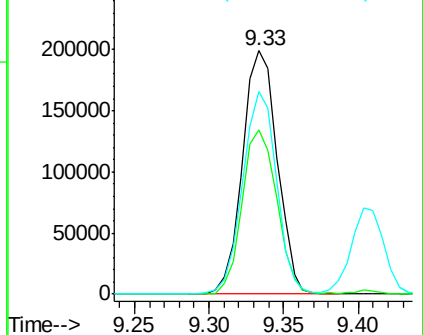
65 83.4 31.5 47.3#

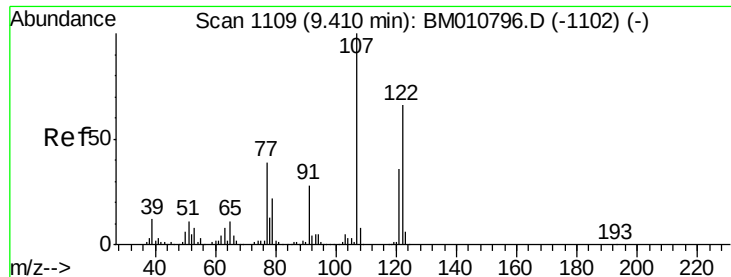


Abundance Ion 139.00 (138.70 to 139.70): BM010834.D (-1080) (-)

Ion 109.00 (108.70 to 109.70): BM010834.D (-1080) (-)

Ion 65.00 (64.70 to 65.70): BM010834.D (-1080) (-)





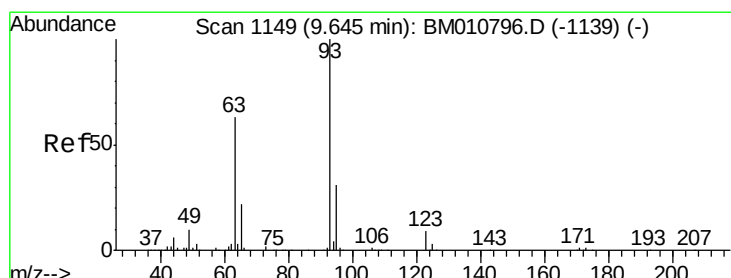
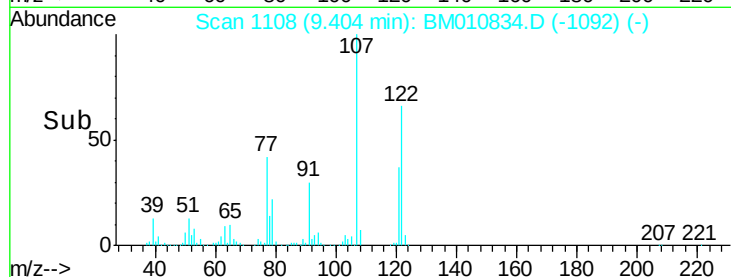
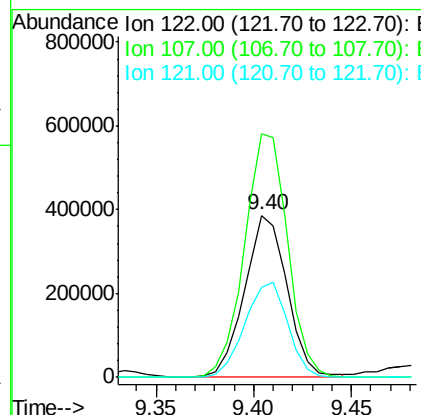
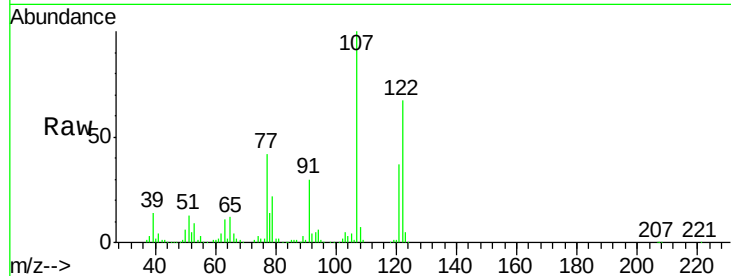
#27
 2,4-Dimethylphenol
 Concen: 43.932 ng
 RT: 9.40 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	583883		
107	150.4	84.7	127.1#	
121	55.8	46.6	69.8	

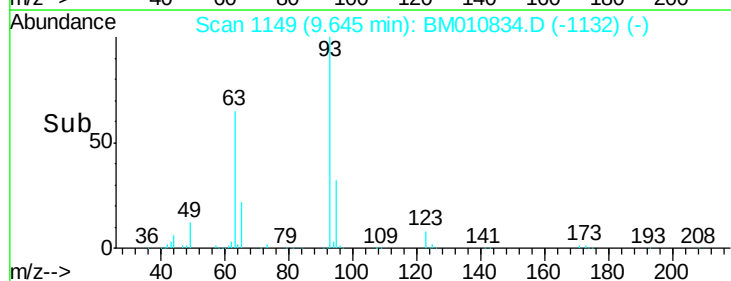
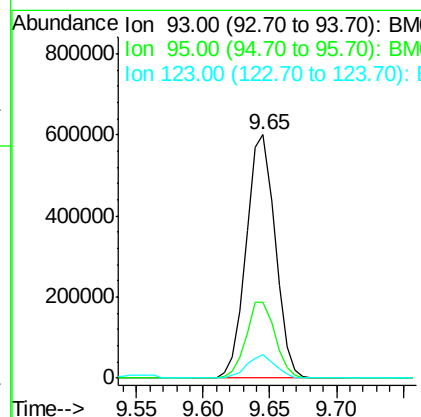
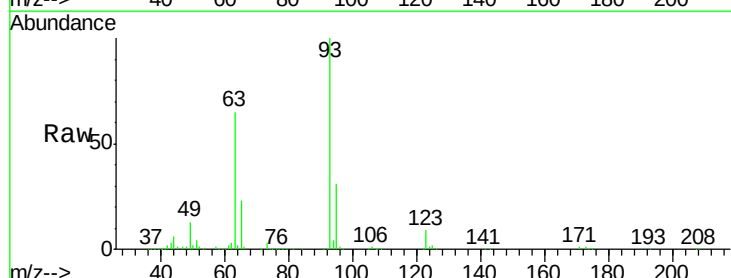
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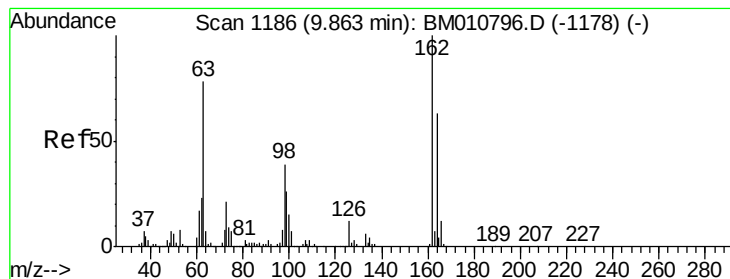
mohammad
 7/17/2017 8:13:38 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.627 ng
 RT: 9.65 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	894915		
95	31.4	25.5	38.3	
123	9.5	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 45.104 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMS

Tgt Ion:162 Resp: 677156
Ion Ratio Lower Upper

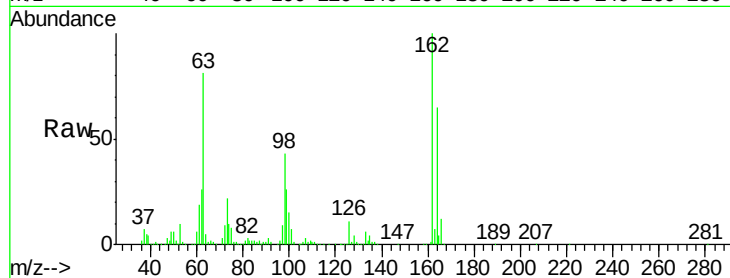
162 100

164 65.4 42.8 82.8

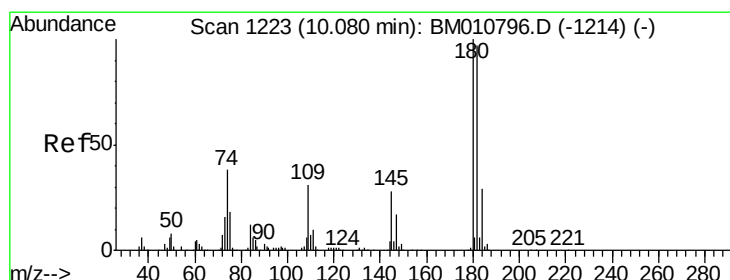
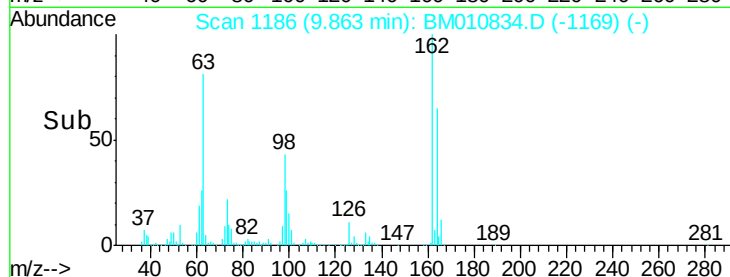
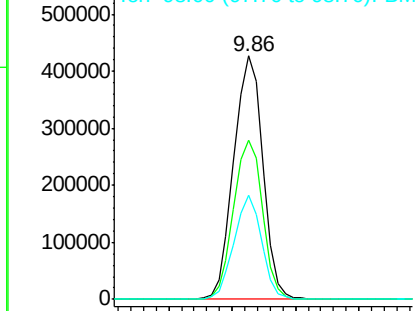
98 42.5 14.5 54.5

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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): BM



#30

1,2,4-Trichlorobenzene

Concen: 42.699 ng

RT: 10.07 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BM010834.D

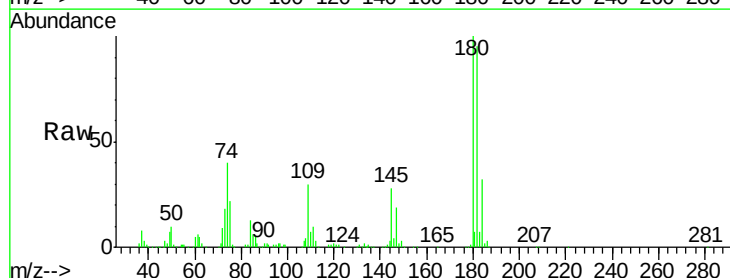
Acq: 14 Jul 2017 04:10

Tgt Ion:180 Resp: 783693
Ion Ratio Lower Upper

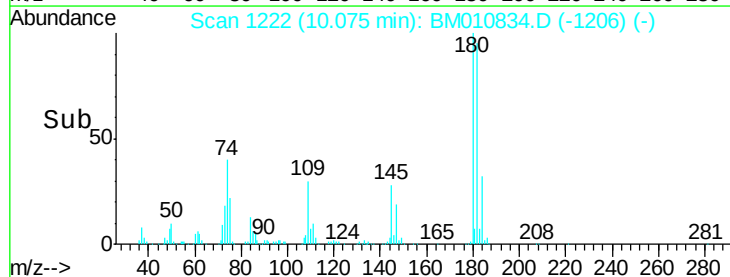
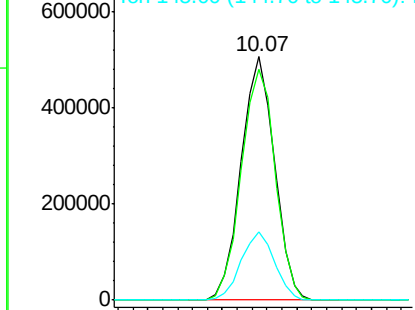
180 100

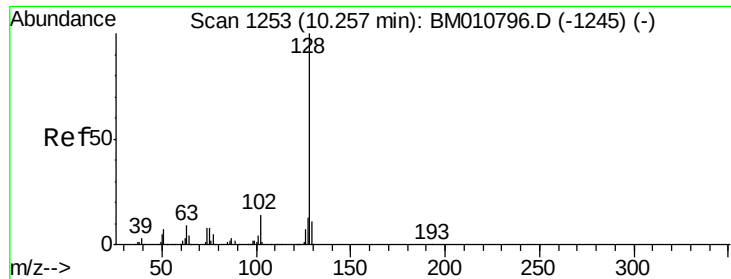
182 94.8 77.6 116.4

145 28.1 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





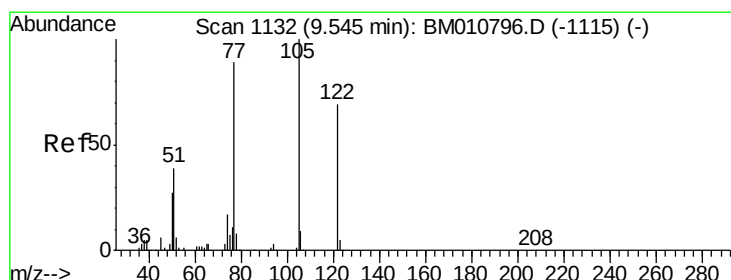
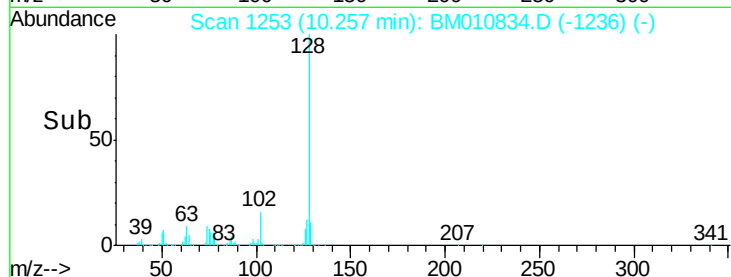
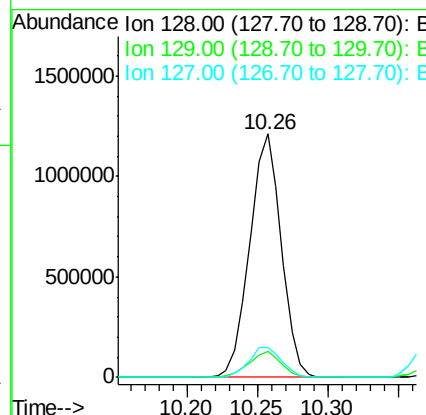
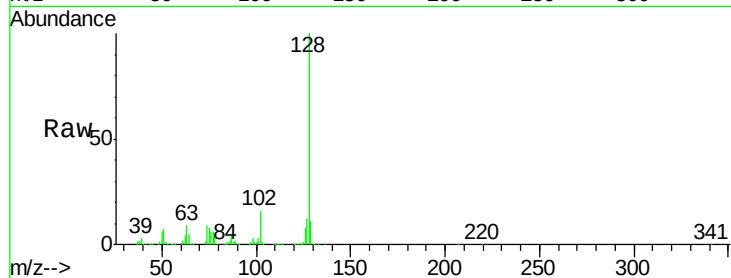
#31
Naphthalene
Concen: 44.523 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	12.4	10.4	15.6

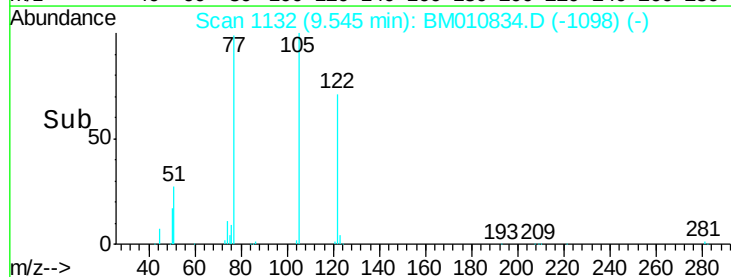
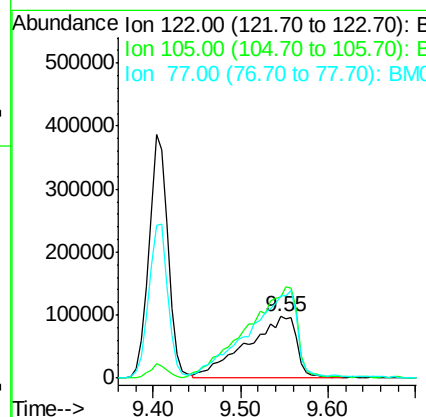
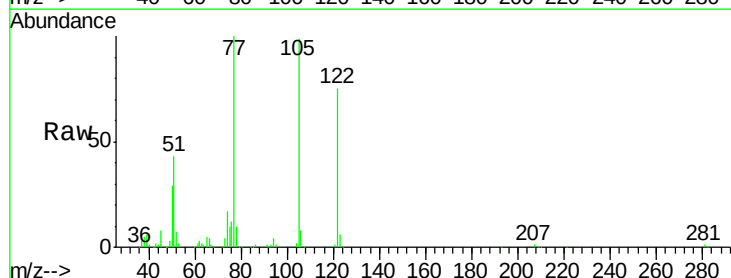
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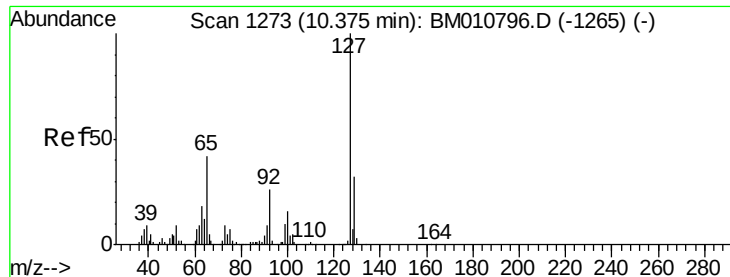
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#32
Benzoic acid
Concen: 36.765 ng
RT: 9.55 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.8	99.9	139.9
77	133.3	73.7	113.7





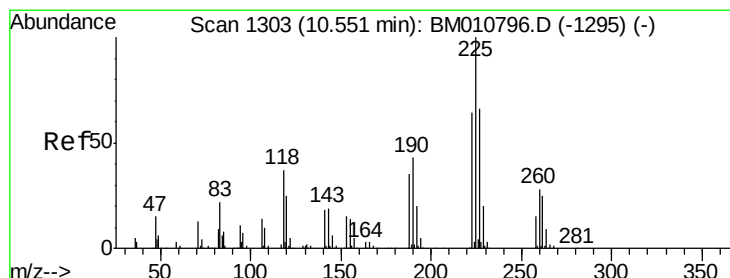
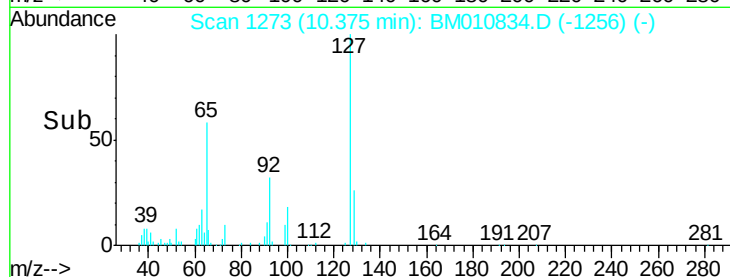
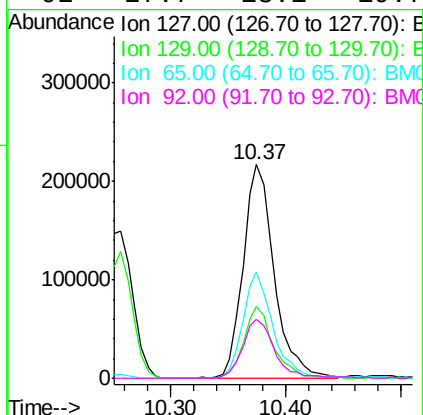
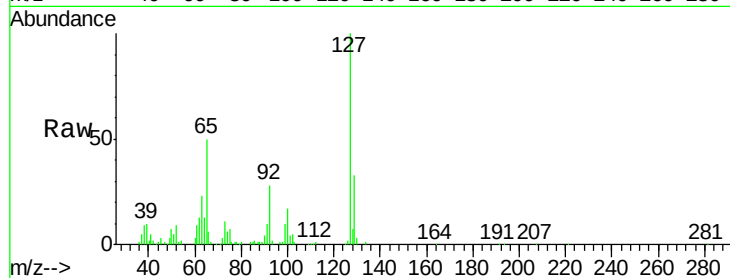
#33
4-Chloroaniline
Concen: 23.694 ng
RT: 10.37 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	407402		
129	33.3	25.3	37.9	
65	49.6	17.6	26.4	
92	27.7	13.1	19.7	

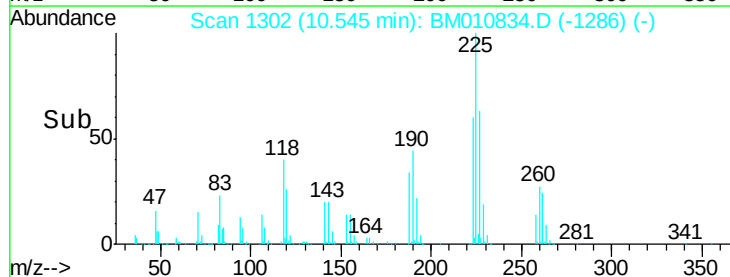
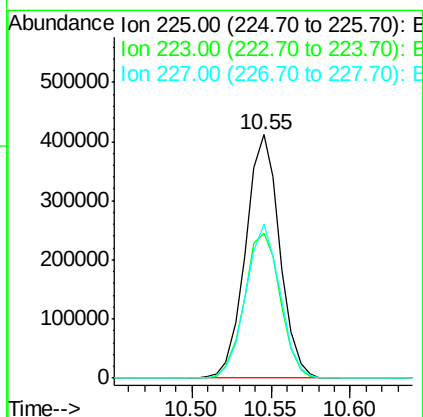
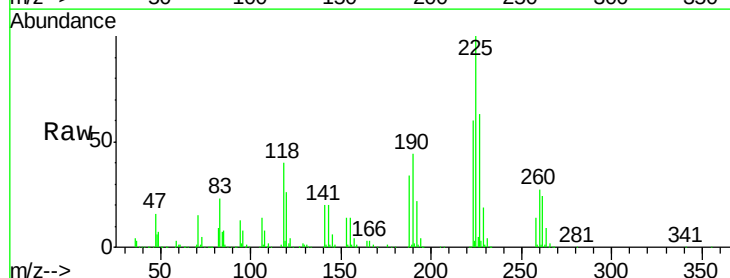
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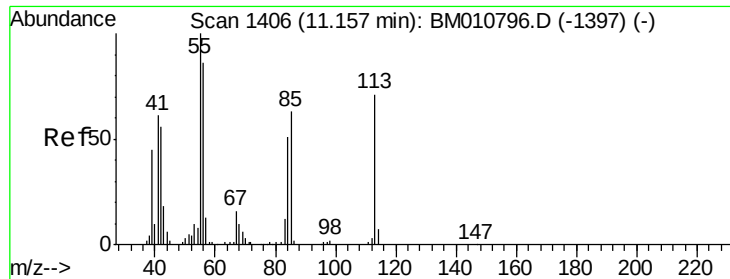
mohammad
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#34
Hexachlorobutadiene
Concen: 43.039 ng
RT: 10.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	612938		
223	59.6	47.9	71.9	
227	63.0	50.1	75.1	





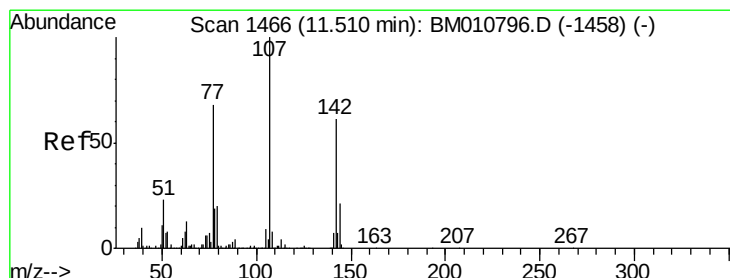
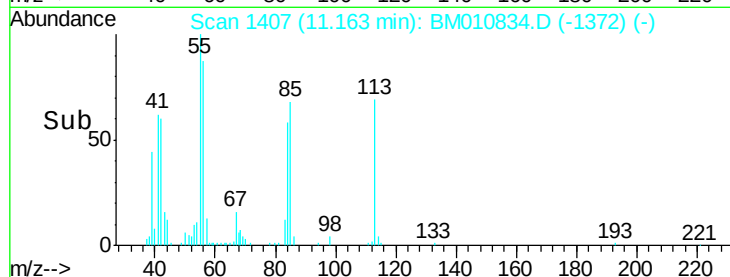
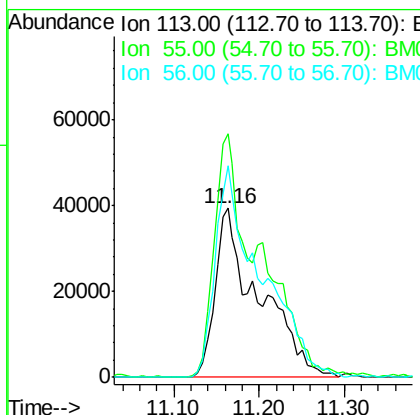
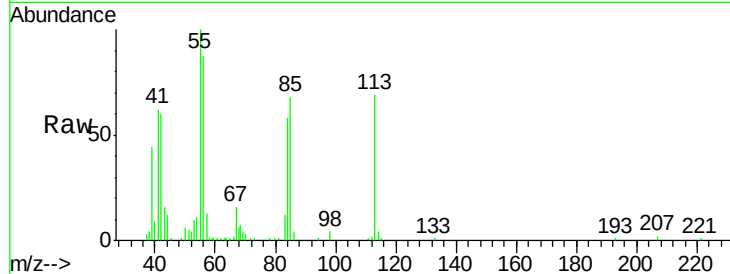
#35
 Caprolactam
 Concen: 35.396 ng m
 RT: 11.16 min Scan# 1407
 Delta R.T. 0.01 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Tgt Ion:113 Resp: 141478
 Ion Ratio Lower Upper
 113 100
 55 144.0 145.9 185.9#
 56 125.0 101.0 141.0

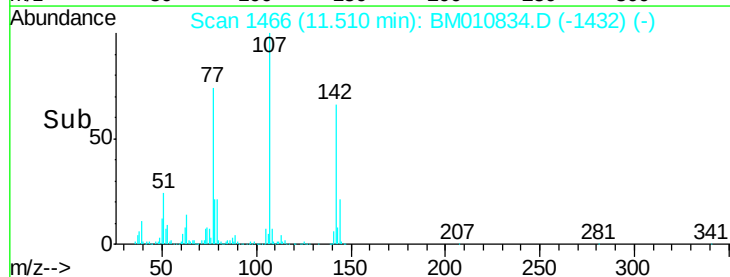
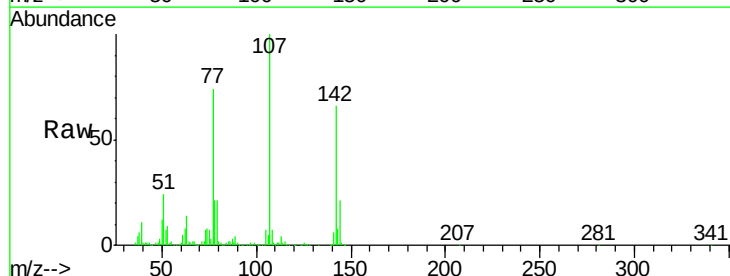
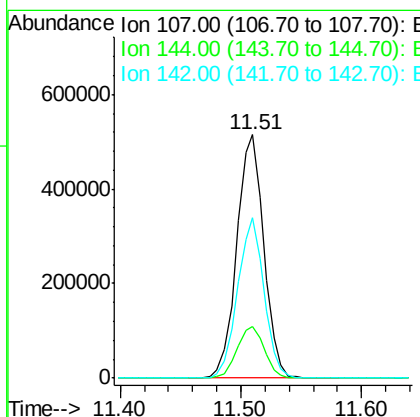
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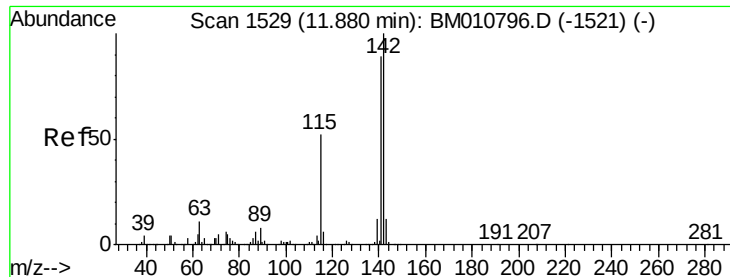
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 44.194 ng
 RT: 11.51 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion:107 Resp: 802577
 Ion Ratio Lower Upper
 107 100
 144 21.1 23.3 34.9#
 142 66.0 72.6 109.0#





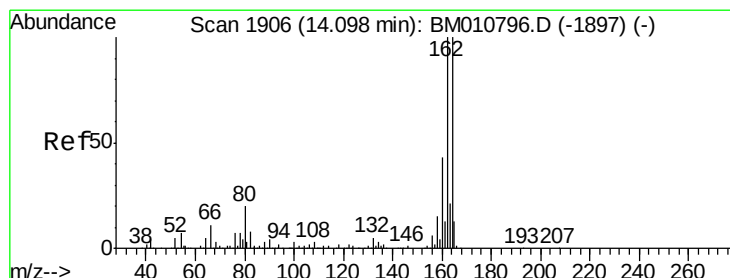
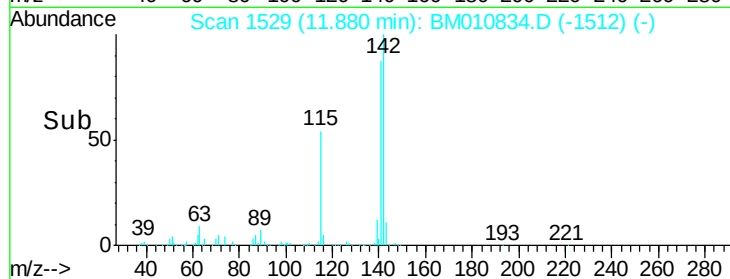
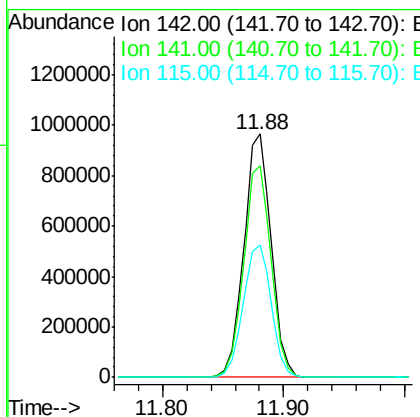
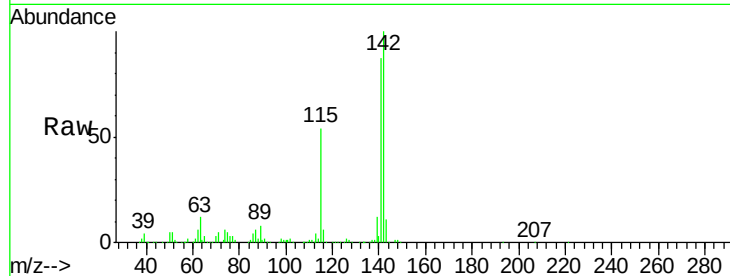
#37
 2-Methylnaphthalene
 Concen: 49.435 ng
 RT: 11.88 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Tgt Ion:142 Resp: 1515335
 Ion Ratio Lower Upper
 142 100
 141 87.2 71.9 107.9
 115 54.2 25.4 38.0#

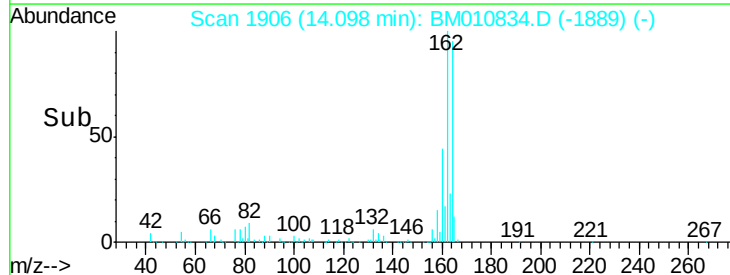
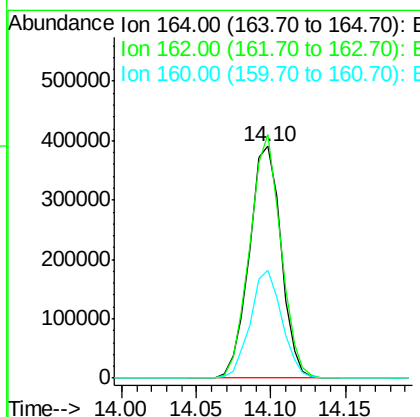
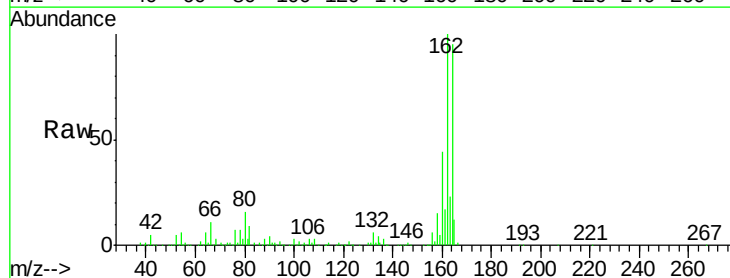
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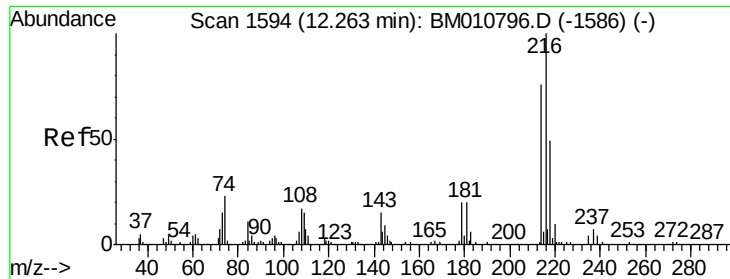
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.10 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion:164 Resp: 572879
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.4 123.6
 160 46.4 35.8 53.6





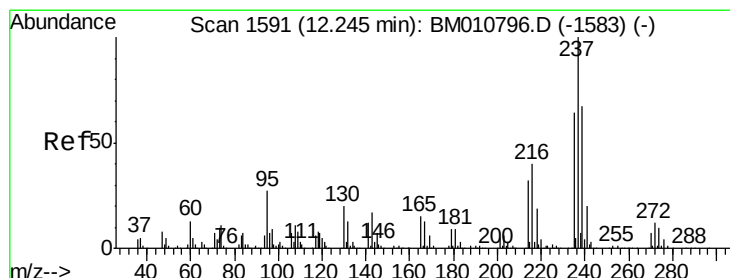
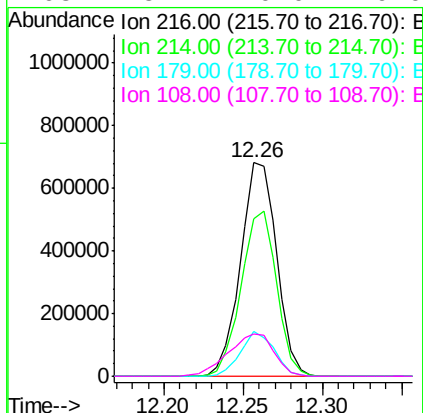
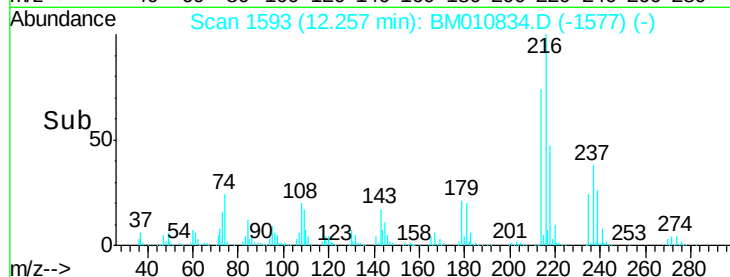
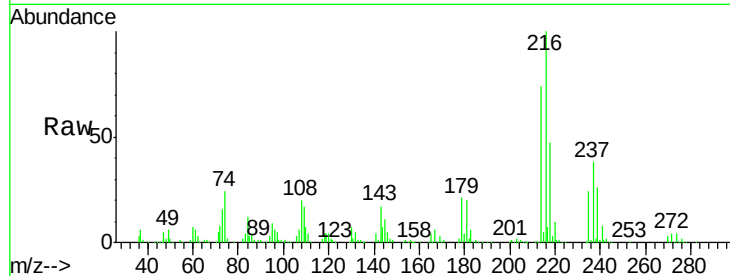
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.140 ng
 RT: 12.26 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Tgt Ion: 216 Resp: 1077257
 Ion Ratio Lower Upper
 216 100
 214 76.0 0.0 0.0#
 179 19.7 0.0 0.0#
 108 25.1 0.0 0.0#

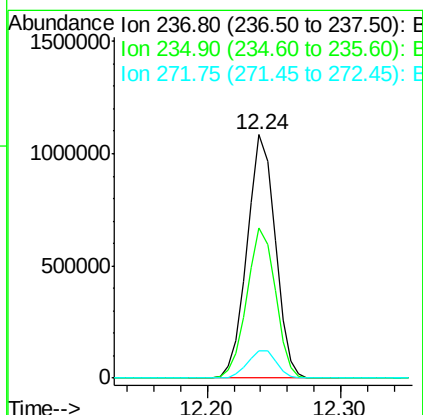
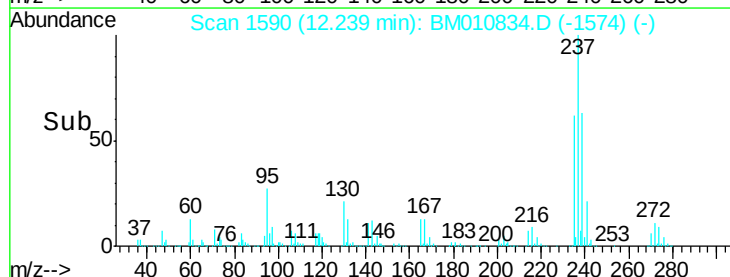
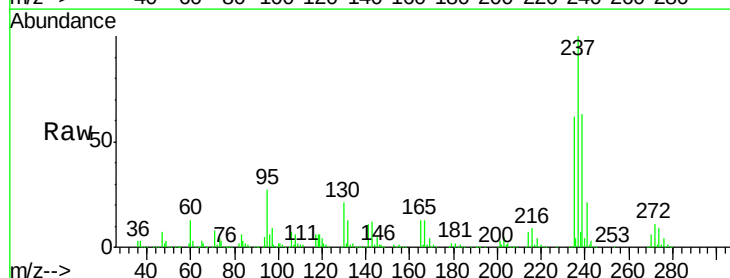
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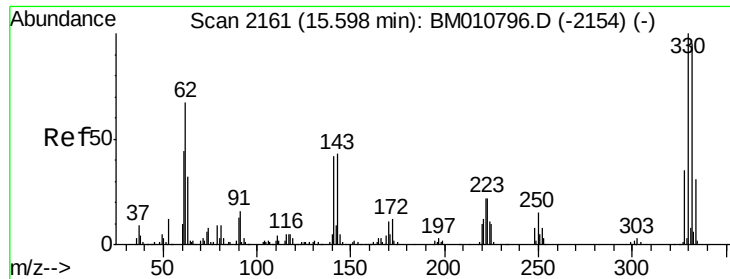
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#40
 Hexachlorocyclopentadiene
 Concen: 110.217 ng
 RT: 12.24 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion: 237 Resp: 1577743
 Ion Ratio Lower Upper
 237 100
 235 61.7 42.0 82.0
 272 11.5 0.0 33.4





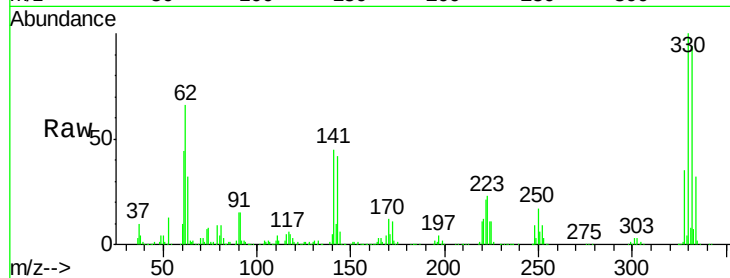
#41
 2,4,6-Tribromophenol
 Concen: 152.299 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

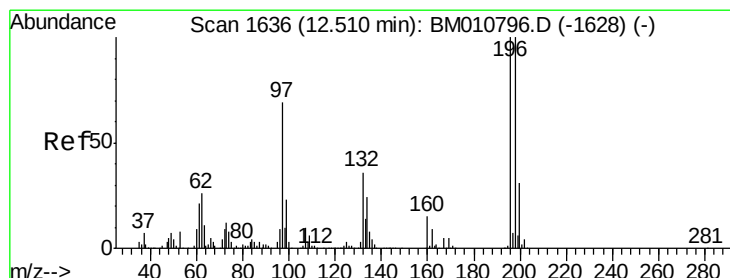
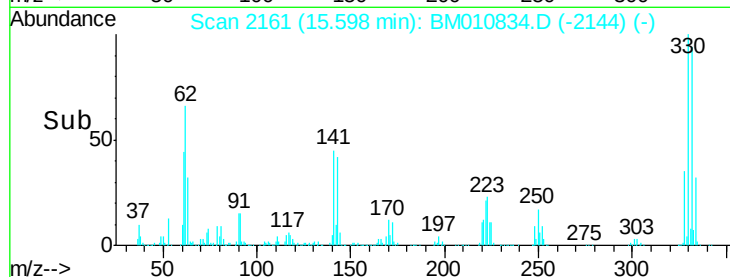
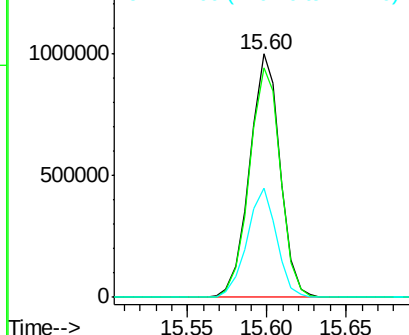
Tgt Ion:330 Resp: 1333326
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 43.6 0.0 0.0#

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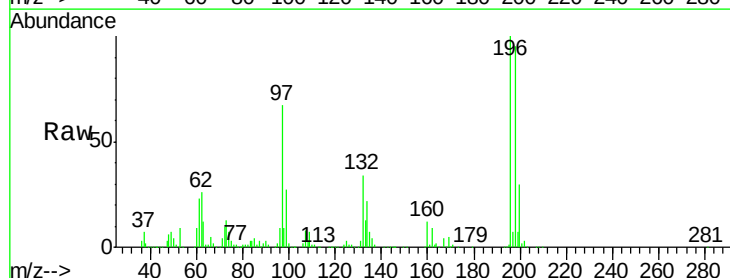


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

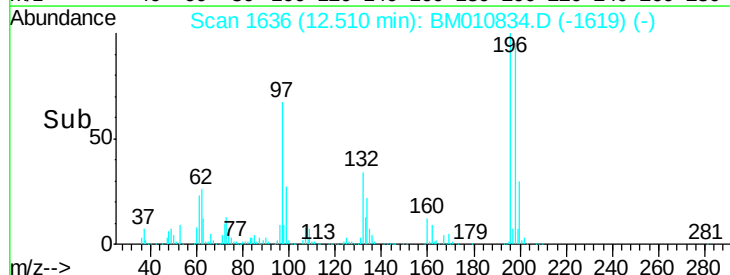
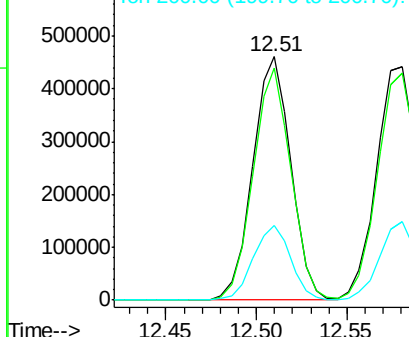


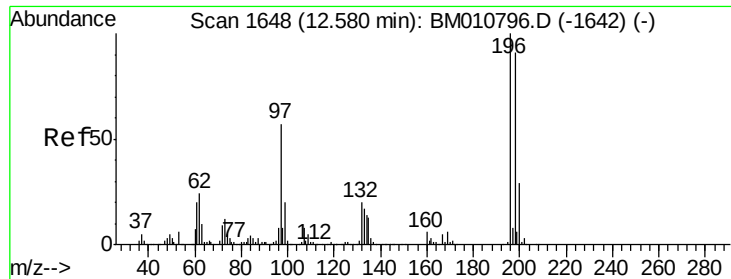
#42
 2,4,6-Trichlorophenol
 Concen: 43.648 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion:196 Resp: 671145
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.3 114.5
 200 30.5 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





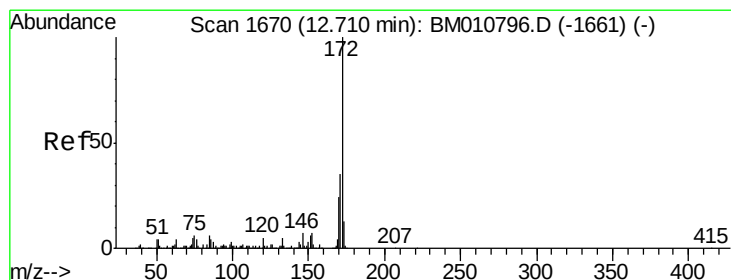
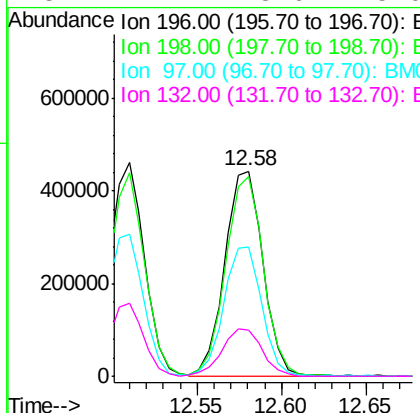
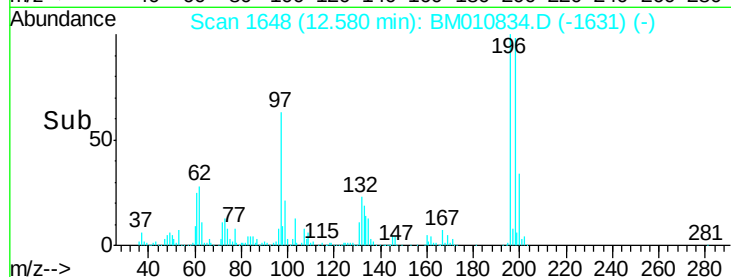
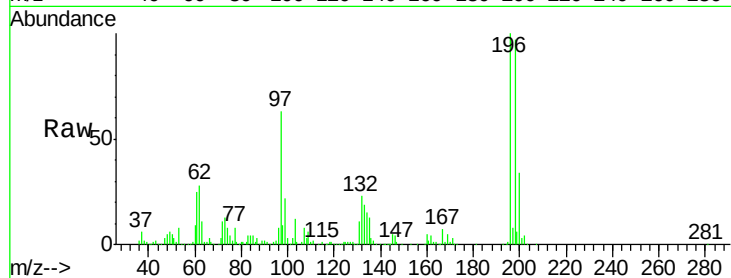
#43
 2,4,5-Trichlorophenol
 Concen: 45.920 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	697098		
198	97.4	79.4	119.0	
97	63.3	26.8	40.2#	
132	22.7	18.6	28.0	

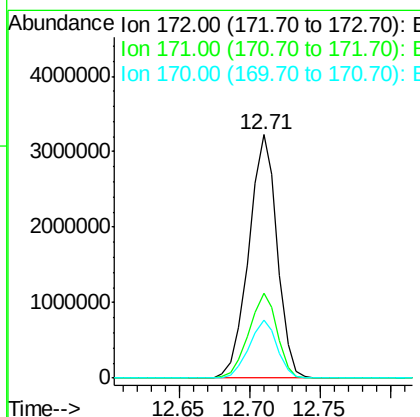
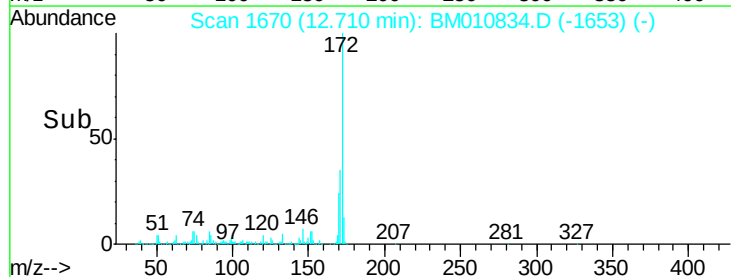
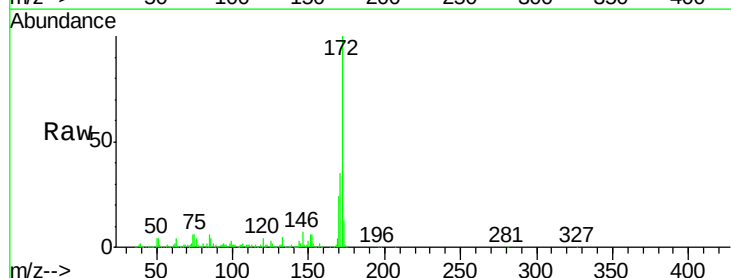
Manual Integrations
 APPROVED

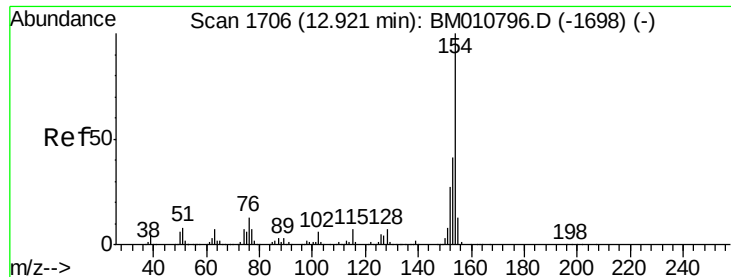
mohammad
 7/17/2017 8:13:38 AM



#44
 2-Fluorobiphenyl
 Concen: 98.623 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4541619		
171	35.0	28.5	42.7	
170	23.8	18.8	28.2	





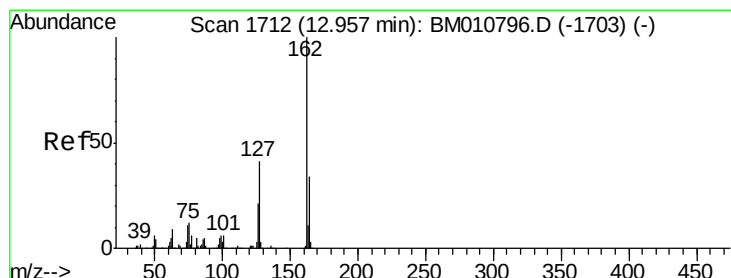
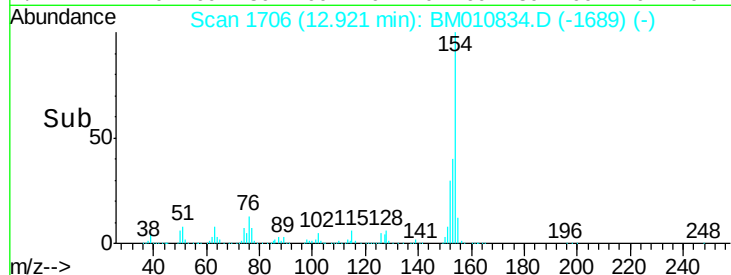
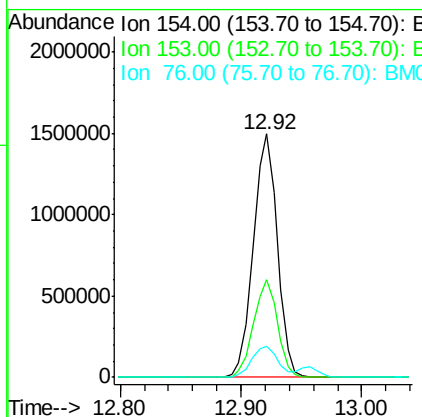
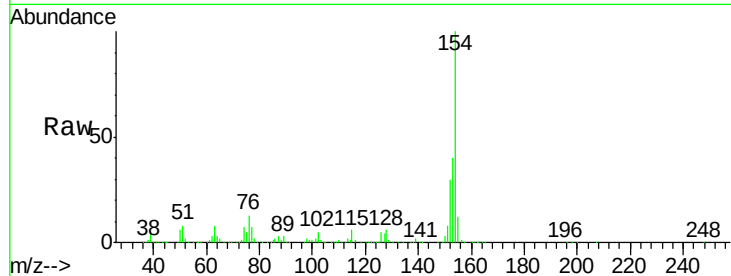
#45
 1,1'-Biphenyl
 Concen: 41.661 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.7	60.7
76	13.0	0.0	30.9

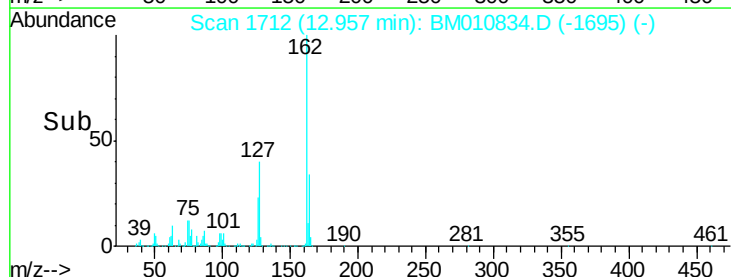
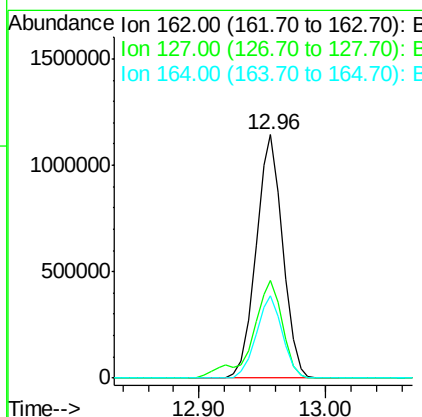
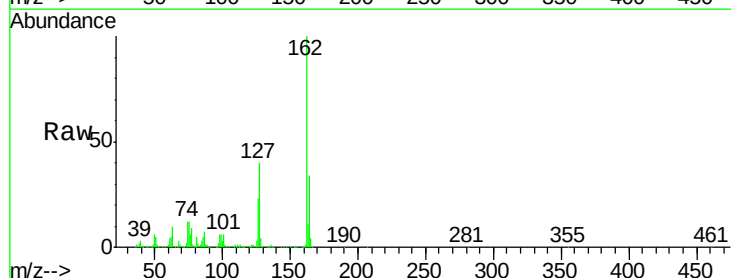
Manual Integrations
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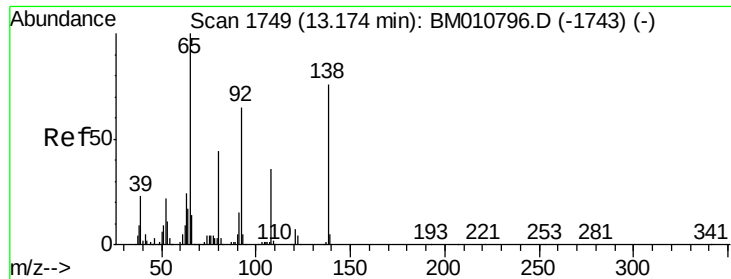
mohammad
 7/17/2017 8:13:38 AM



#46
 2-Chloronaphthalene
 Concen: 45.435 ng
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	26.9	40.3
164	34.0	26.8	40.2





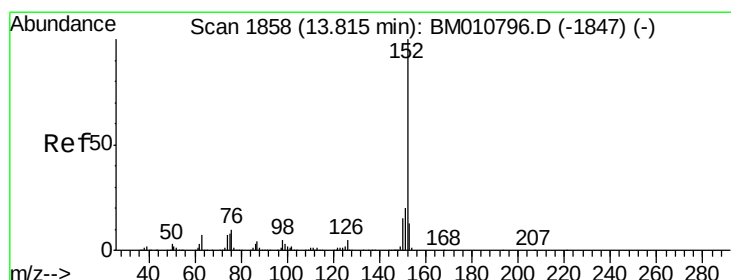
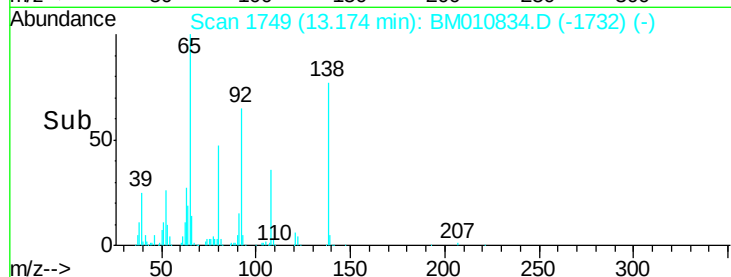
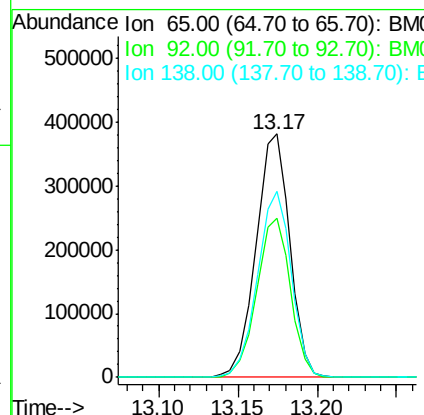
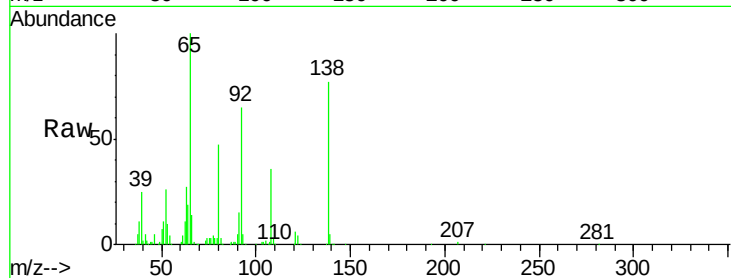
#47
2-Nitroaniline
Concen: 47.148 ng
RT: 13.17 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.3	59.1	88.7
138	76.6	93.9	140.9

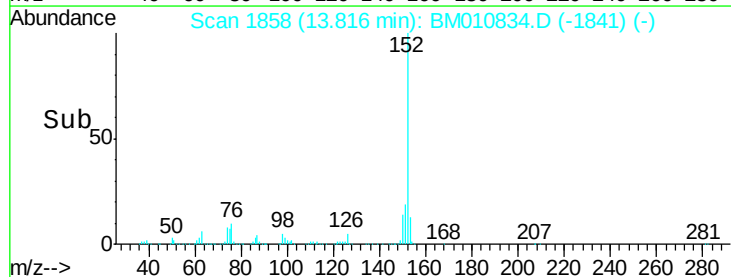
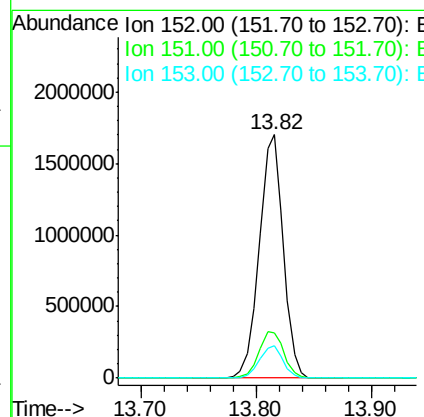
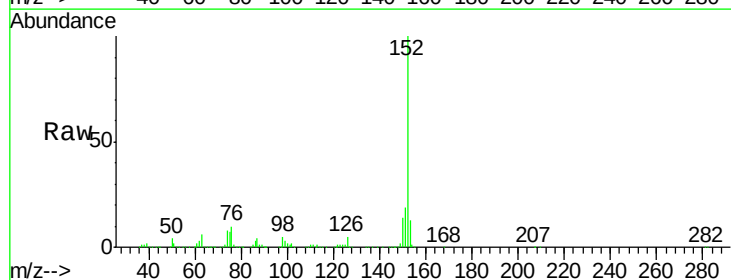
Manual Integrations
APPROVED

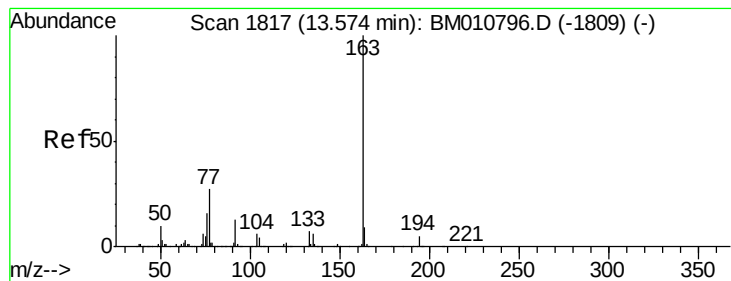
mohammad
7/17/2017 8:13:38 AM



#48
Acenaphthylene
Concen: 45.318 ng
RT: 13.82 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.9	23.9
153	13.3	10.6	16.0





#49

Dimethylphthalate

Concen: 43.742 ng

RT: 13.57 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMS

Tgt Ion:163 Resp: 2131864

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

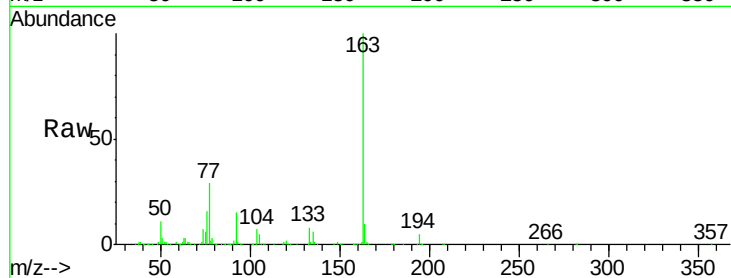
164 9.8 8.2 12.2

Manual Integrations

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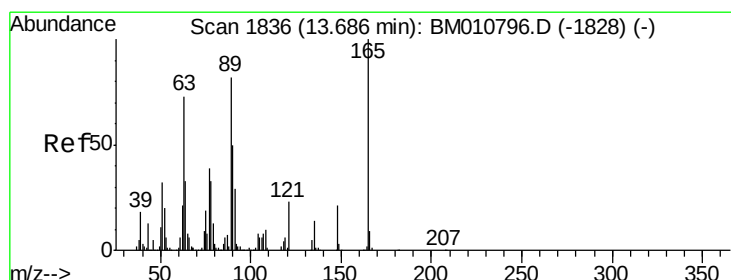
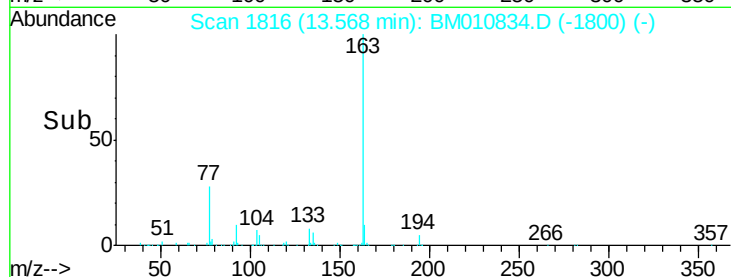
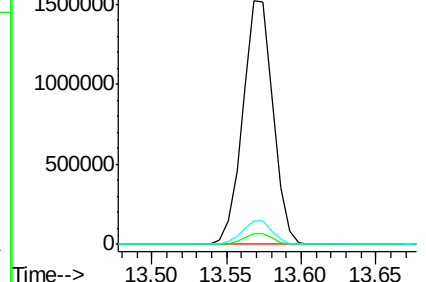
7/17/2017 8:13:38 AM



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.644 ng

RT: 13.69 min Scan# 1836

Delta R.T. 0.00 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

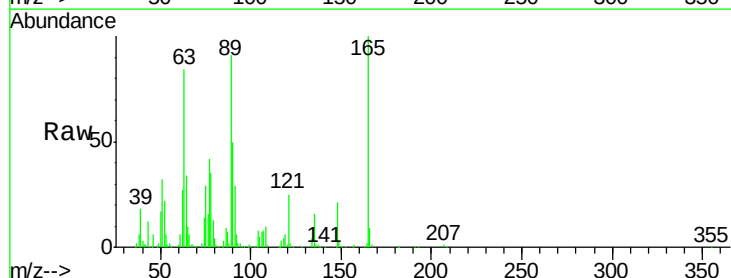
Tgt Ion:165 Resp: 436338

Ion Ratio Lower Upper

165 100

63 83.7 44.1 66.1#

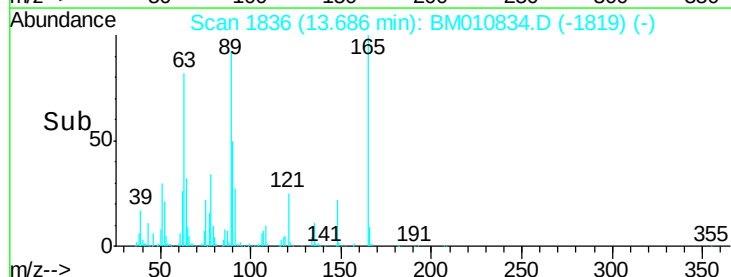
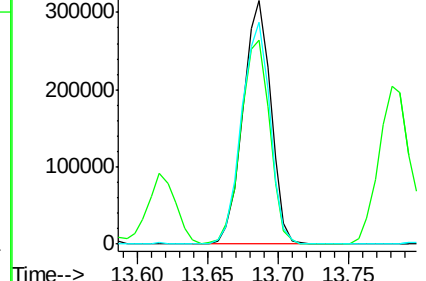
89 91.4 44.3 66.5#

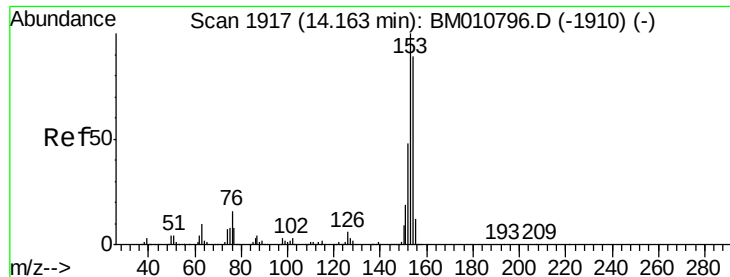


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 45.707 ng

RT: 14.16 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMS

Tgt Ion:154 Resp: 1520149

Ion Ratio Lower Upper

154 100

153 112.0 90.0 135.0

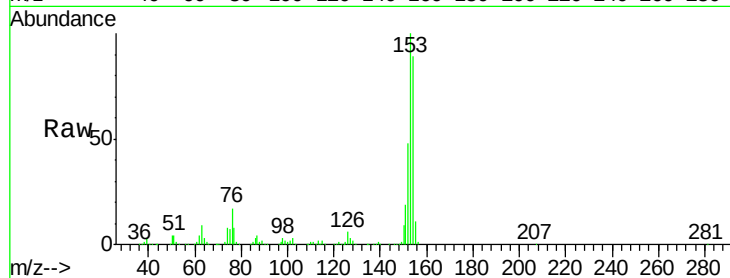
152 53.7 42.6 63.8

Manual Integrations

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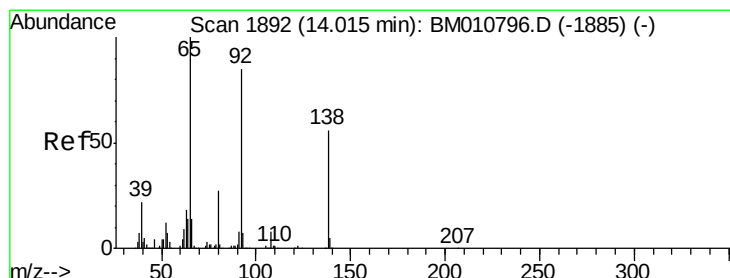
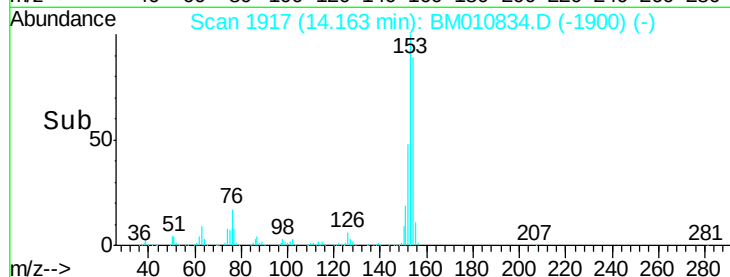
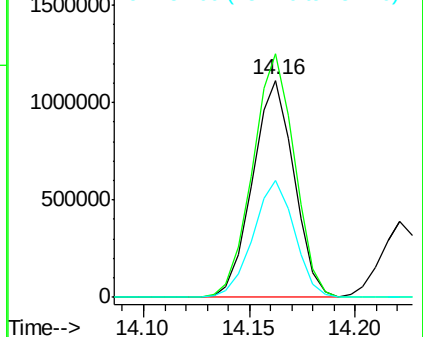
7/17/2017 8:13:38 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.177 ng

RT: 14.02 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

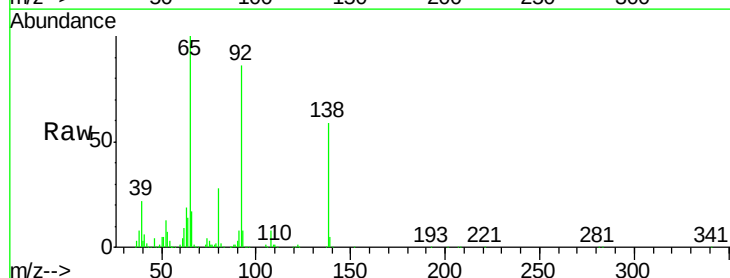
Tgt Ion:138 Resp: 323084

Ion Ratio Lower Upper

138 100

108 13.2 7.3 10.9#

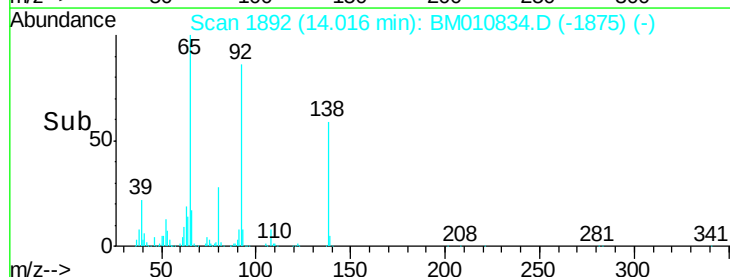
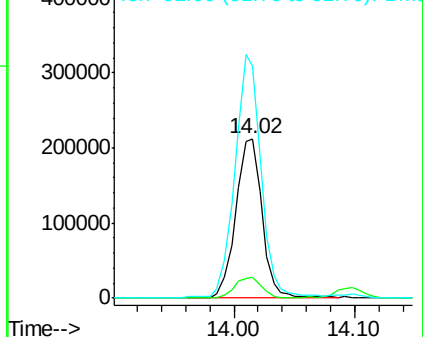
92 145.6 76.6 114.8#

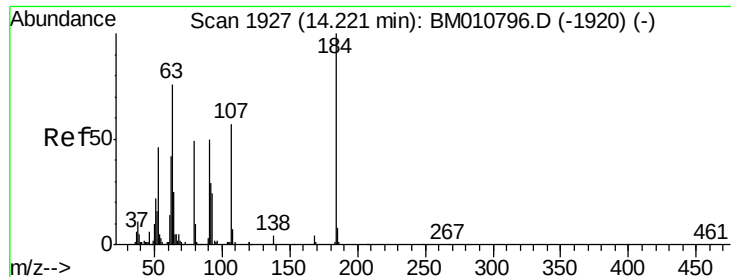


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





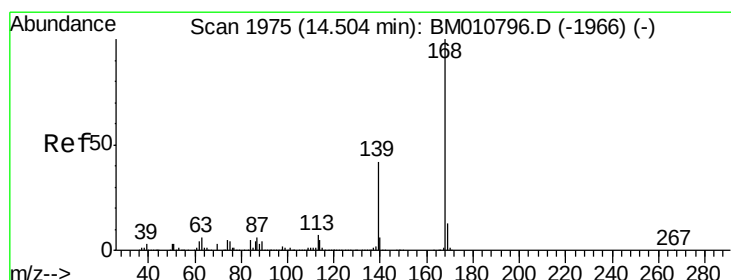
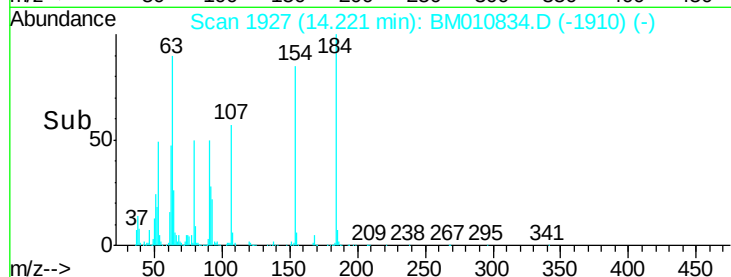
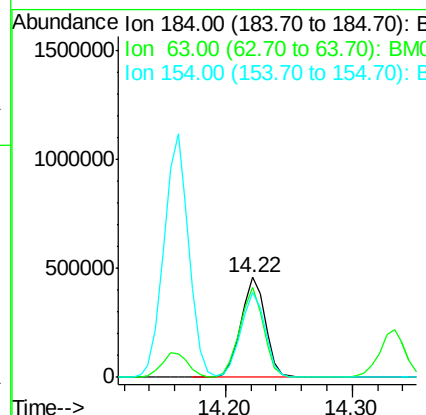
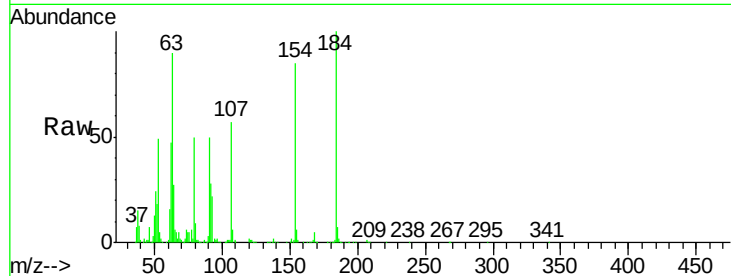
#53
2,4-Dinitrophenol
Concen: 91.532 ng
RT: 14.22 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	604872		
63	90.1	69.2	103.8	
154	85.4	53.3	79.9#	

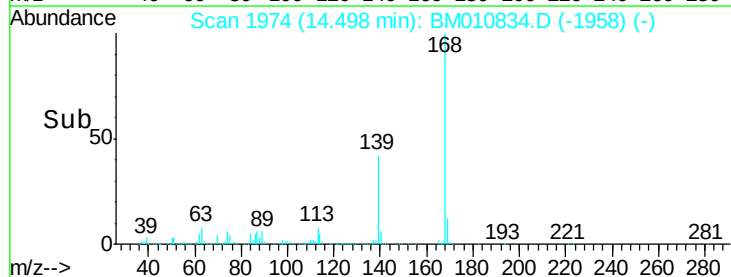
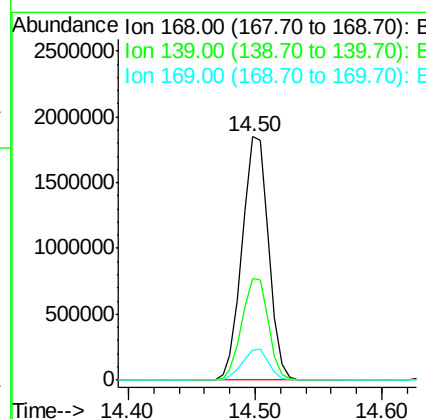
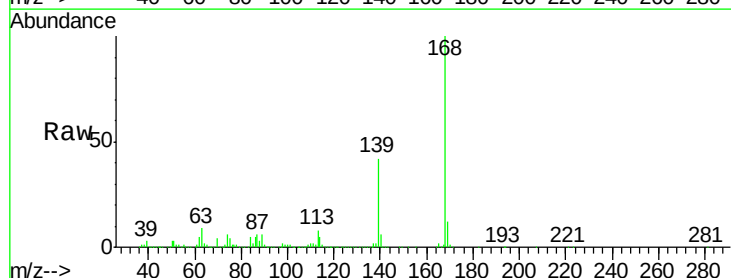
Manual Integrations
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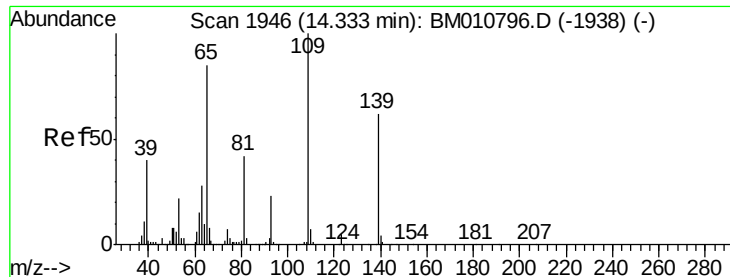
mohammad
7/17/2017 8:13:38 AM



#54
Dibenzofuran
Concen: 49.258 ng
RT: 14.50 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2650020		
139	41.9	27.3	40.9#	
169	12.4	10.6	16.0	





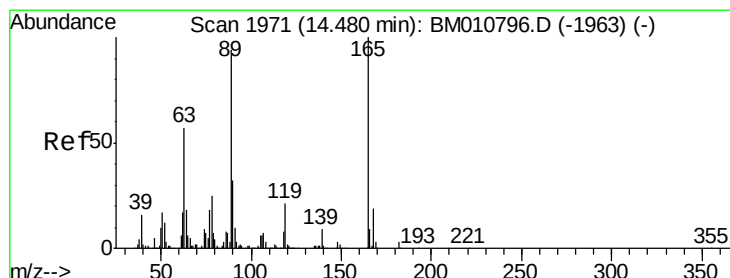
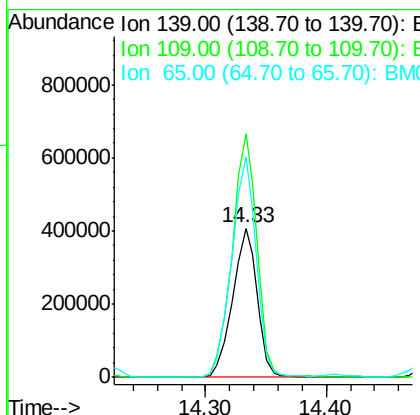
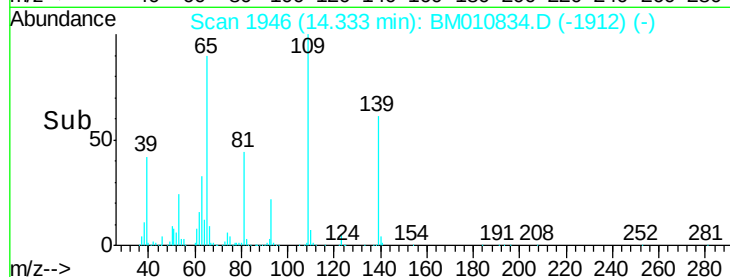
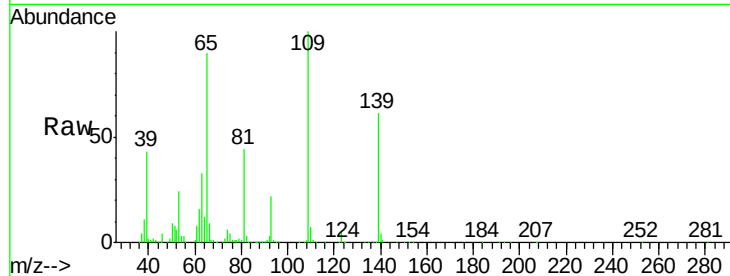
#55
4-Nitrophenol
Concen: 76.465 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion:139 Resp: 577132
Ion Ratio Lower Upper
139 100
109 163.5 37.7 77.7#
65 147.9 49.9 89.9#

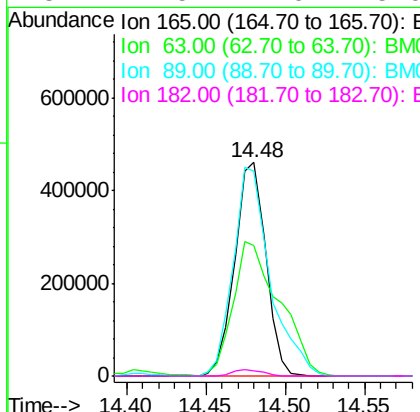
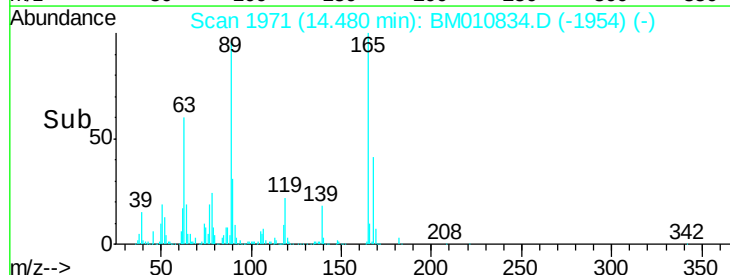
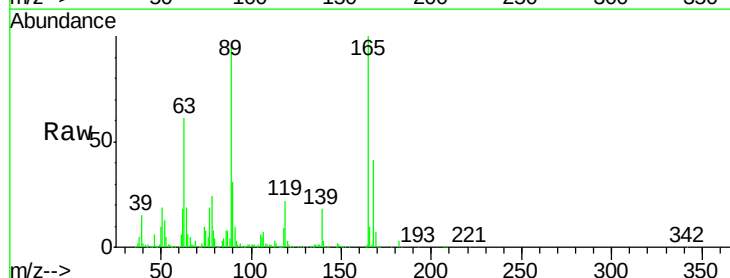
Manual Integrations
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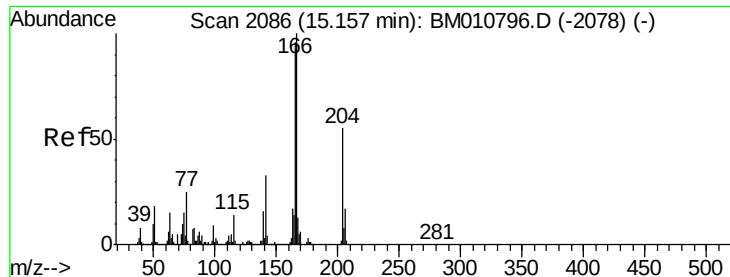
mohammad
7/17/2017 8:13:38 AM



#56
2,4-Dinitrotoluene
Concen: 47.142 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion:165 Resp: 625338
Ion Ratio Lower Upper
165 100
63 60.9 52.4 78.6
89 96.2 72.4 108.6
182 2.5 2.0 3.0





#57

Fluorene

Concen: 46.757 ng

RT: 15.15 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMS

Tgt Ion:166 Resp: 2162398

Ion Ratio Lower Upper

166 100

165 96.6 79.0 118.4

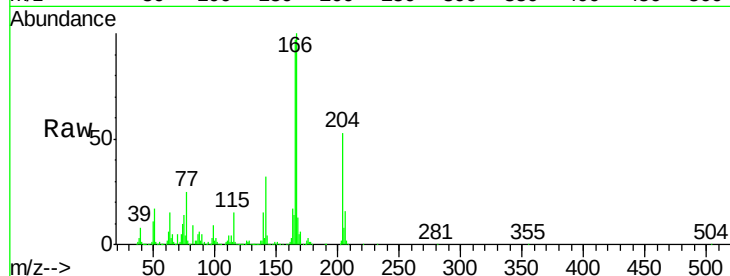
167 13.2 10.3 15.5

Manual Integrations

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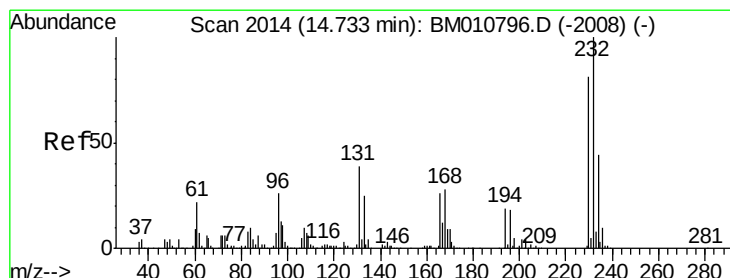
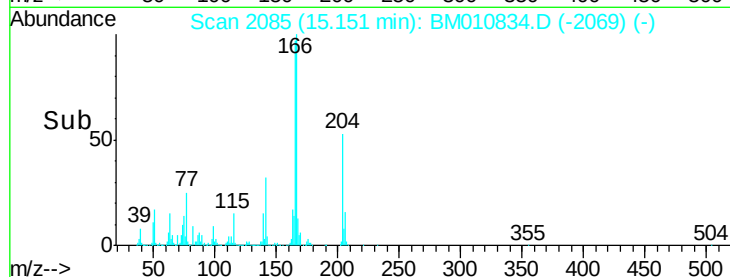
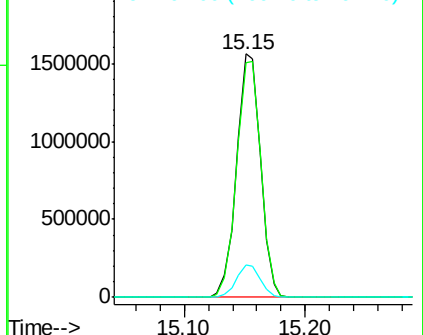


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.146 ng

RT: 14.73 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Tgt Ion:232 Resp: 721429

Ion Ratio Lower Upper

232 100

131 40.6 0.0 0.0#

130 2.6 0.0 0.0#

166 28.1 0.0 0.0#

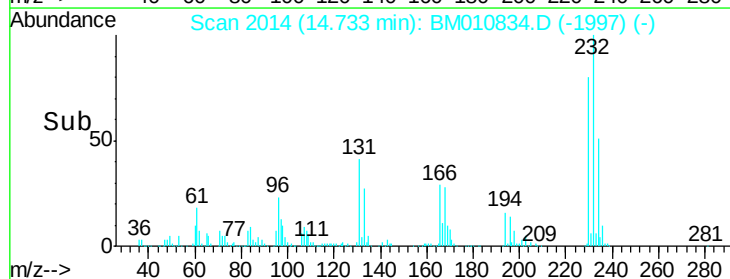
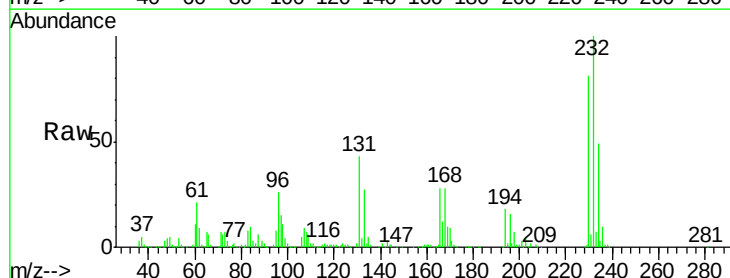
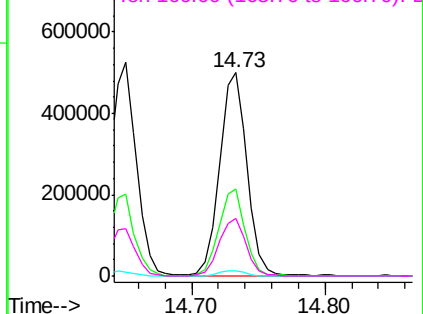
Abundance

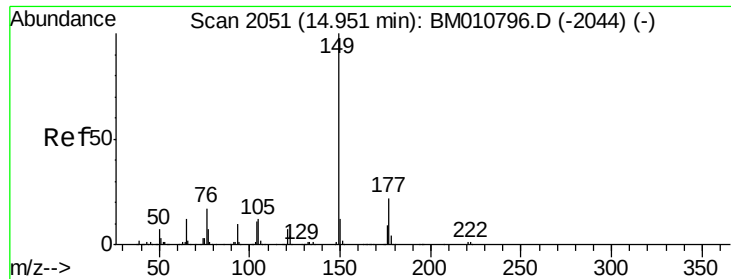
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





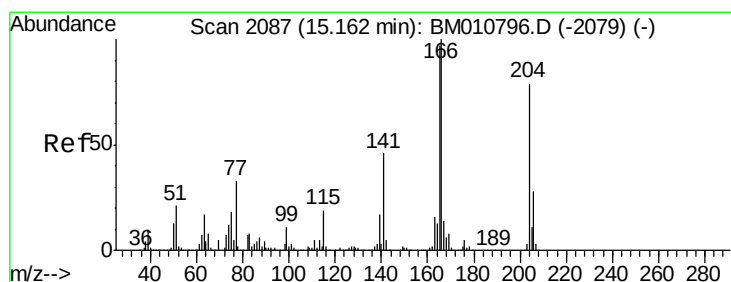
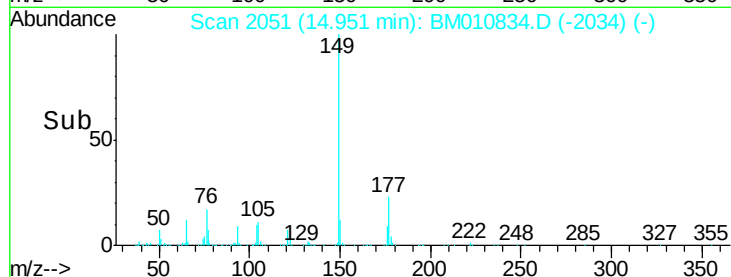
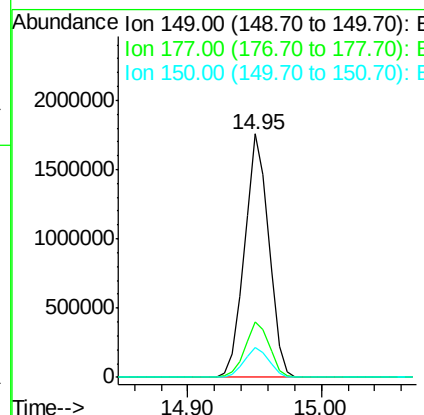
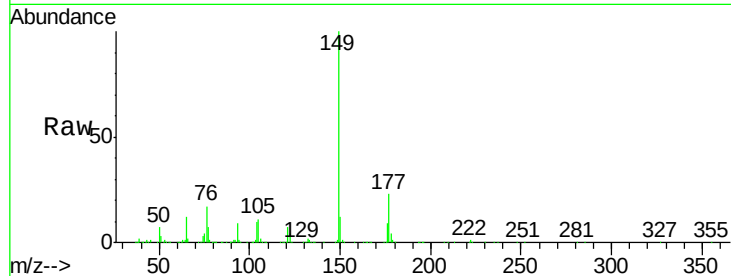
#59
Diethylphthalate
Concen: 45.643 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion:149 Resp: 2196936
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 12.2 9.8 14.8

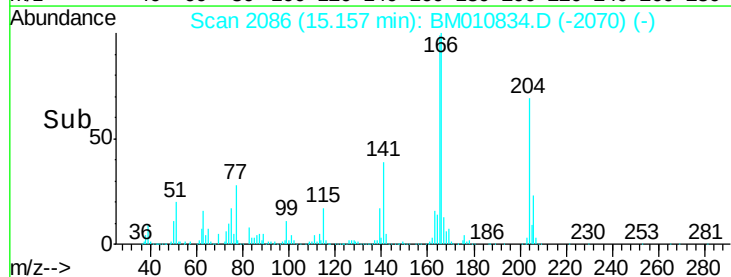
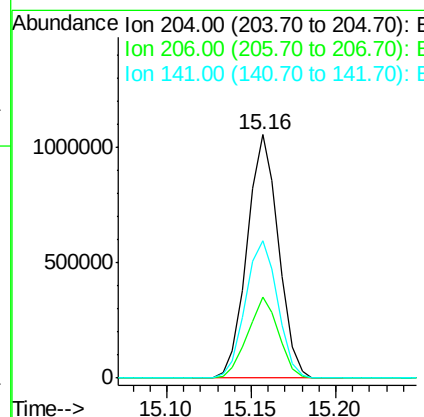
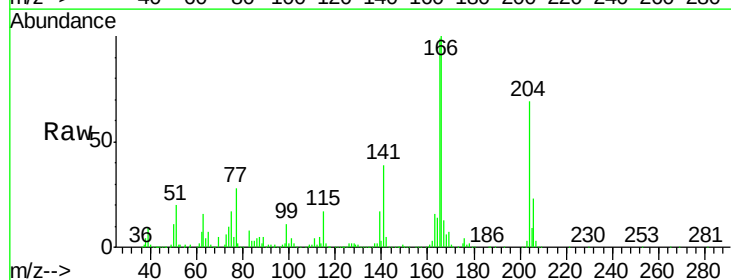
Manual Integrations
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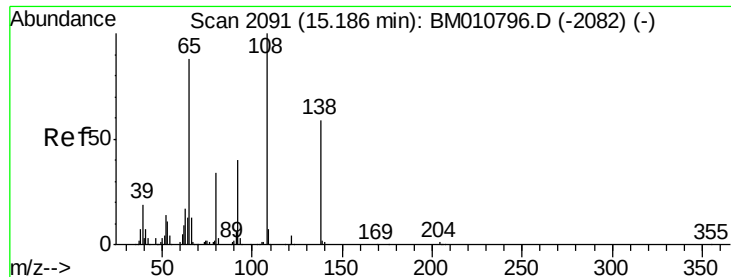
mohammad
7/17/2017 8:13:38 AM



#60
4-Chlorophenyl-phenylether
Concen: 48.074 ng
RT: 15.16 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion:204 Resp: 1365739
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 56.4 45.2 67.8





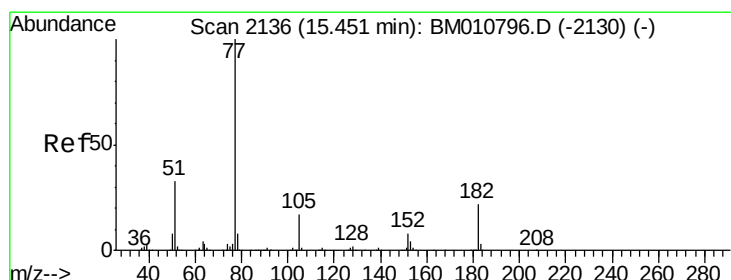
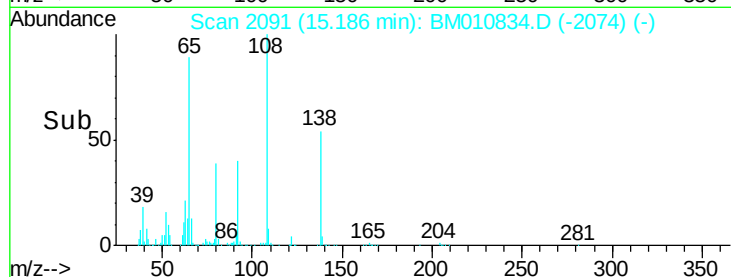
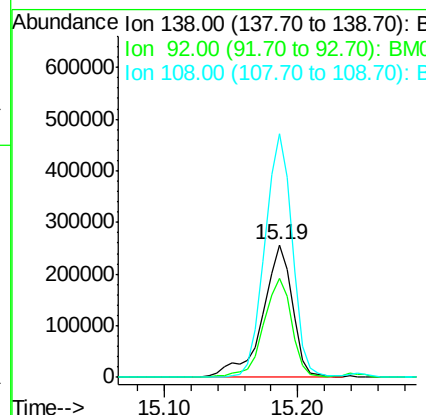
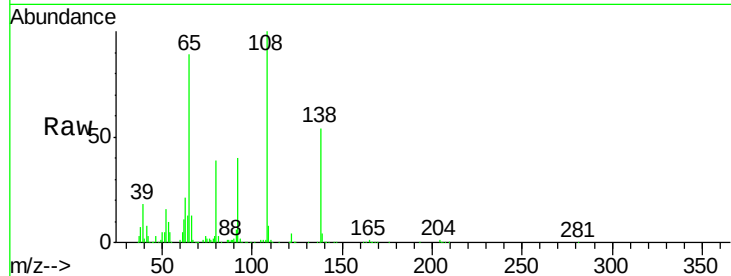
#61
4-Nitroaniline
Concen: 43.885 ng
RT: 15.19 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion: 138 Resp: 398623
Ion Ratio Lower Upper
138 100
92 74.4 16.7 56.7#
108 184.1 37.6 77.6#

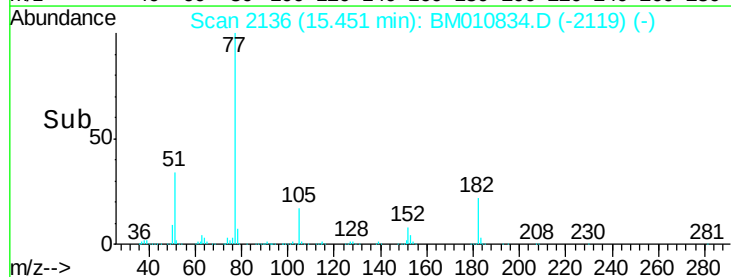
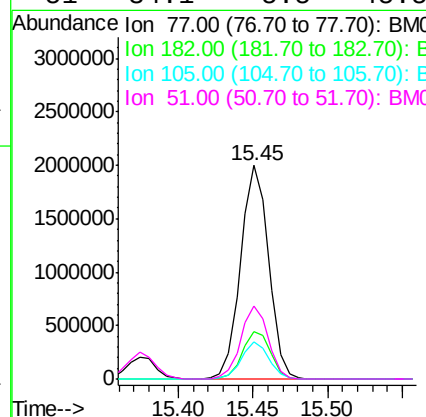
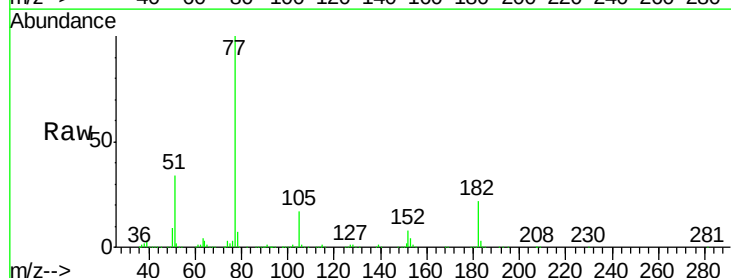
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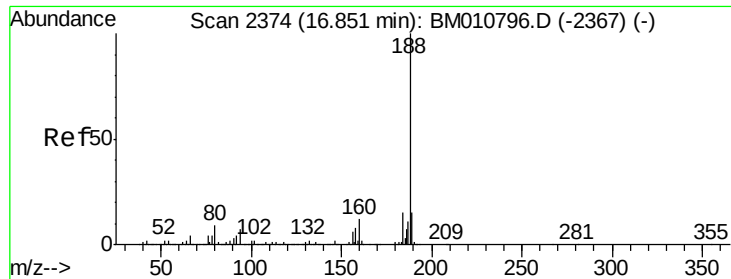
mohammad
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#62
Azobenzene
Concen: 53.420 ng
RT: 15.45 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion: 77 Resp: 2610965
Ion Ratio Lower Upper
77 100
182 22.0 6.5 46.5
105 17.3 3.8 43.8
51 34.1 5.5 45.5





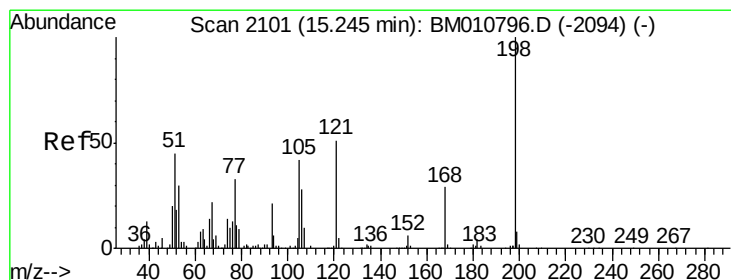
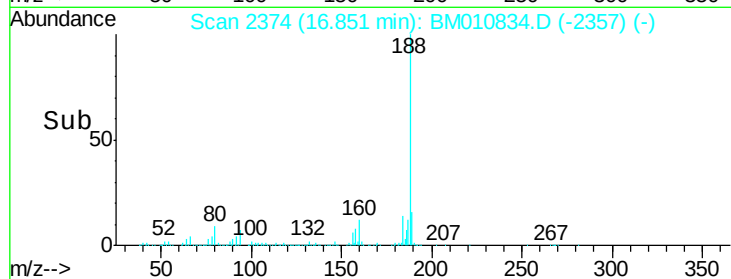
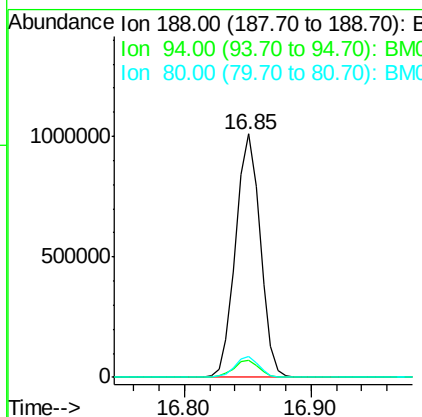
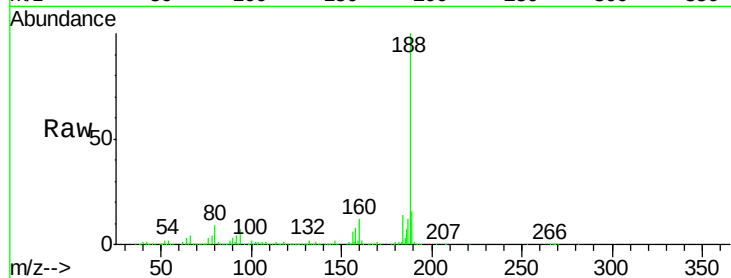
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1354209		
94	6.9		8.7	13.1#
80	8.6		9.3	13.9#

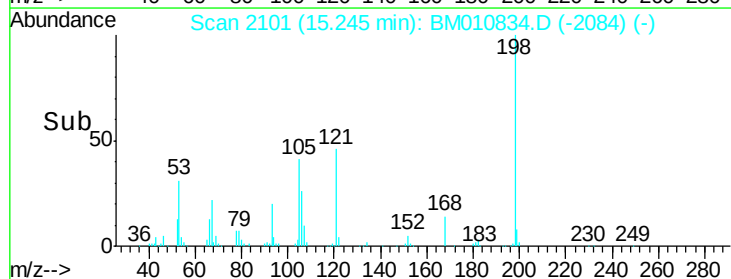
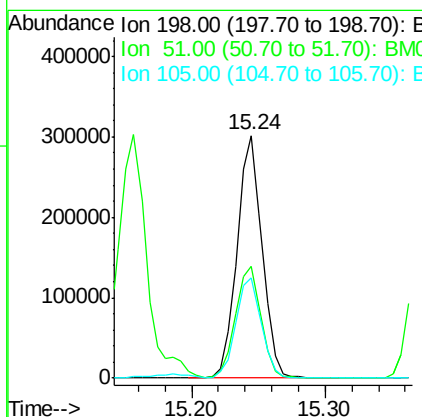
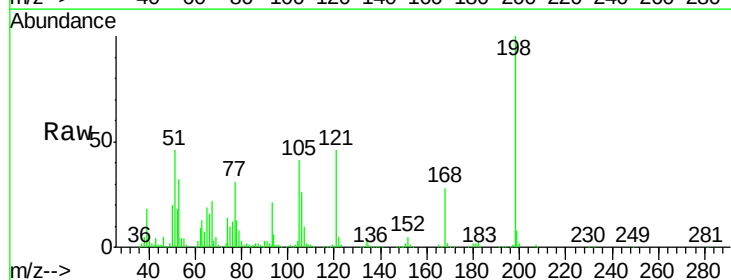
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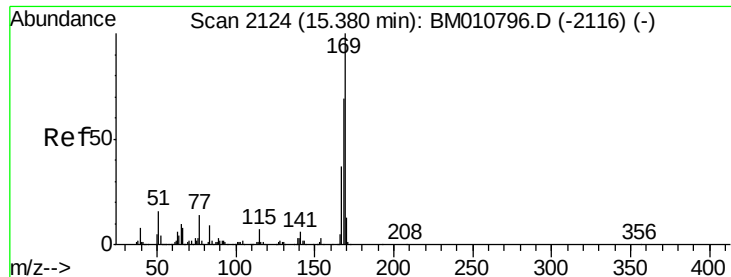
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.803 ng
RT: 15.24 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	391156		
51	46.3		28.8	68.8
105	41.3		30.5	70.5





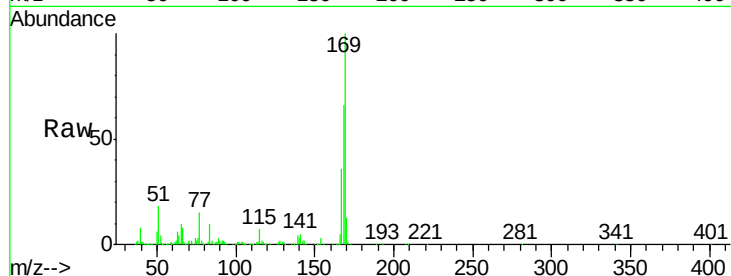
#65
n-Nitrosodiphenylamine
Concen: 48.166 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

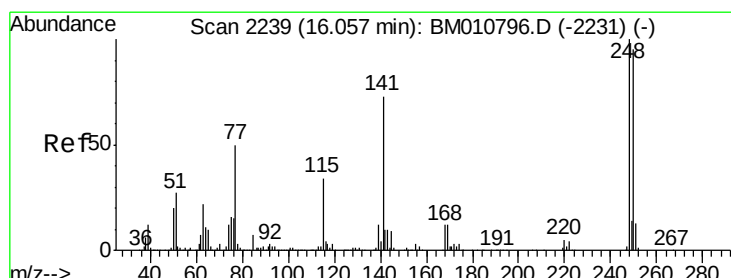
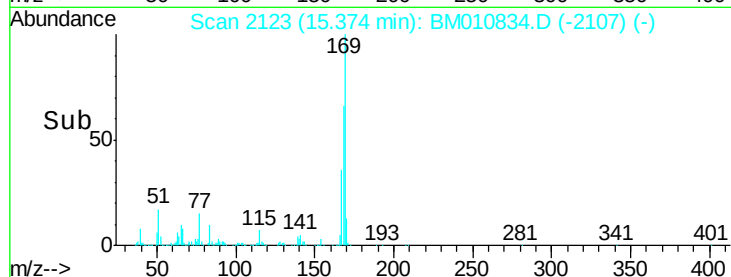
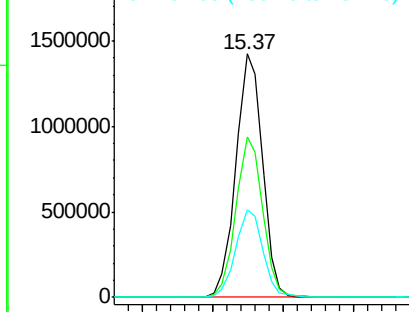
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.9	80.9
167	35.8	28.9	43.3

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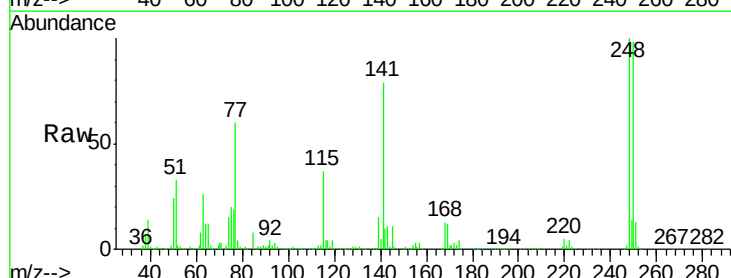


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

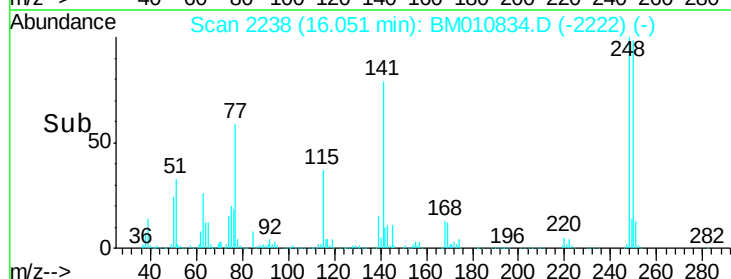
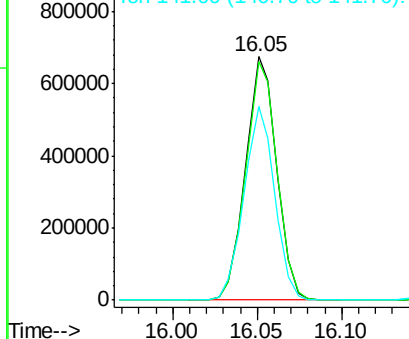


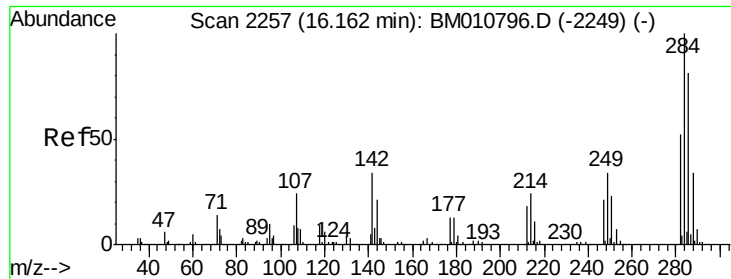
#66
4-Bromophenyl-phenylether
Concen: 50.412 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.4	116.0
141	79.5	45.2	67.8



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





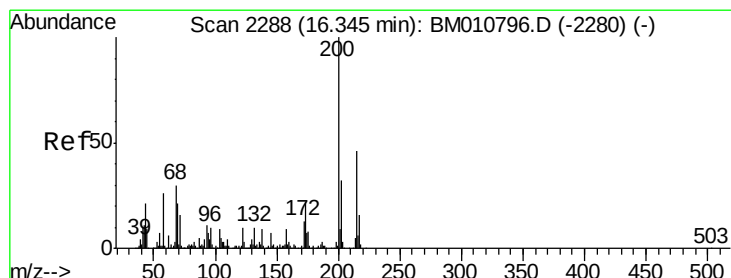
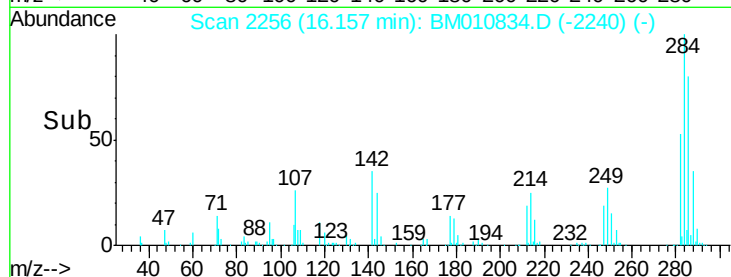
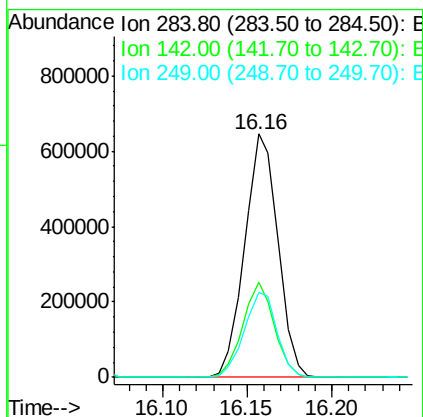
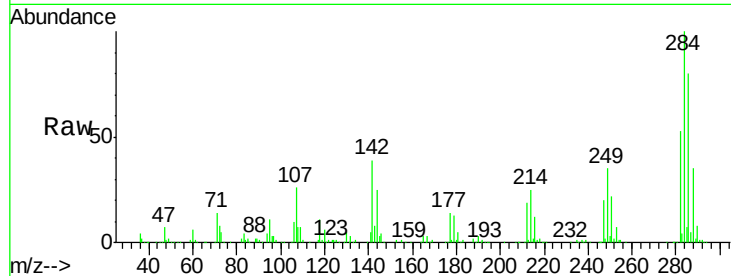
#67
Hexachlorobenzene
Concen: 45.050 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	884086		
142	39.2	20.4	30.6#	
249	34.7	23.8	35.6	

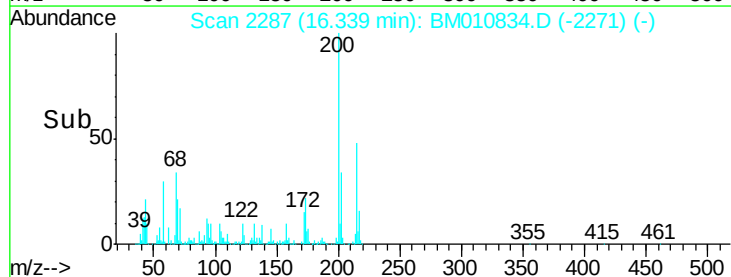
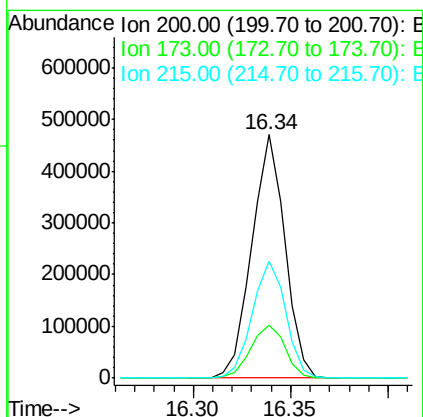
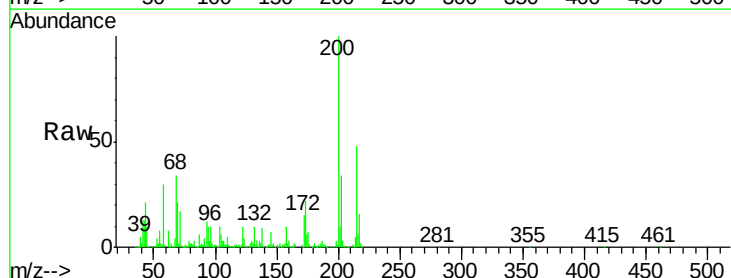
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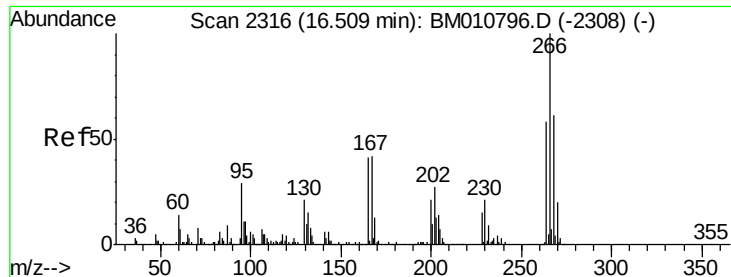
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#68
Atrazine
Concen: 34.489 ng
RT: 16.34 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	553461		
173	21.8	4.8	44.8	
215	47.8	26.9	66.9	





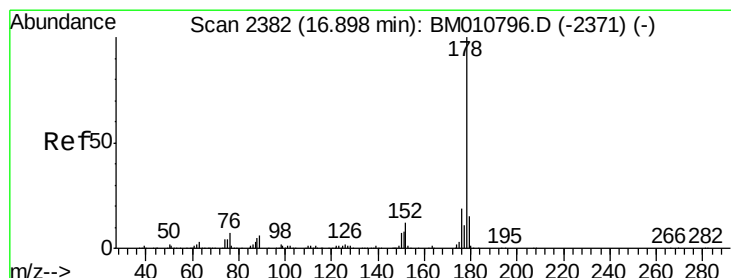
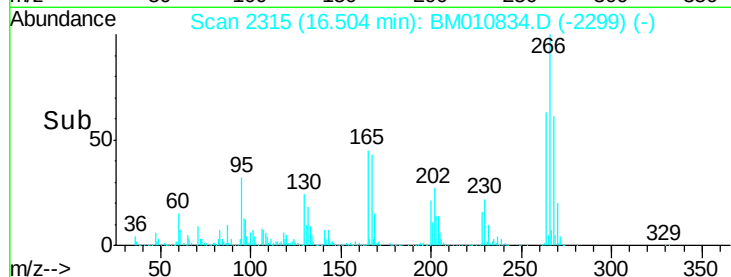
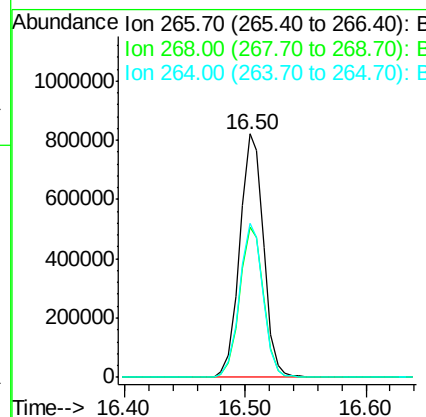
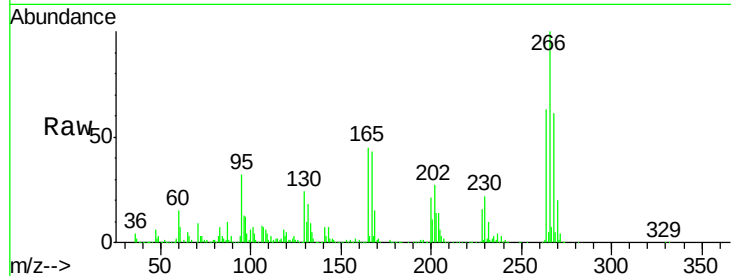
#69
 Pentachlorophenol
 Concen: 89.732 ng
 RT: 16.50 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.4	52.0	78.0
264	63.2	49.0	73.4

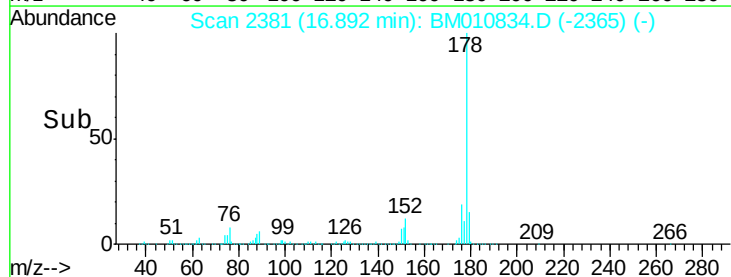
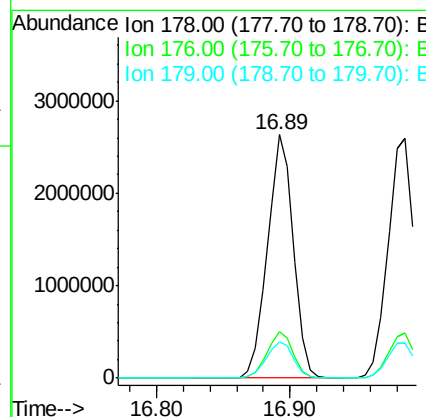
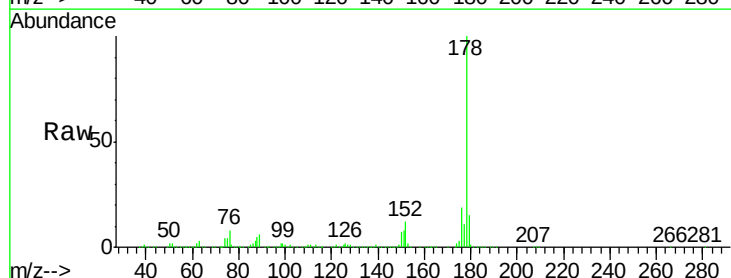
Manual Integrations
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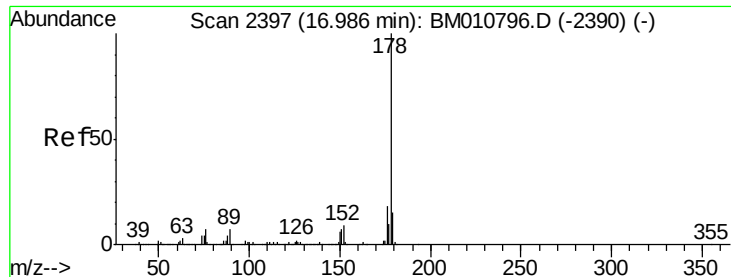
mohammad
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#70
 Phenanthrene
 Concen: 49.856 ng
 RT: 16.89 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.0	12.1	18.1





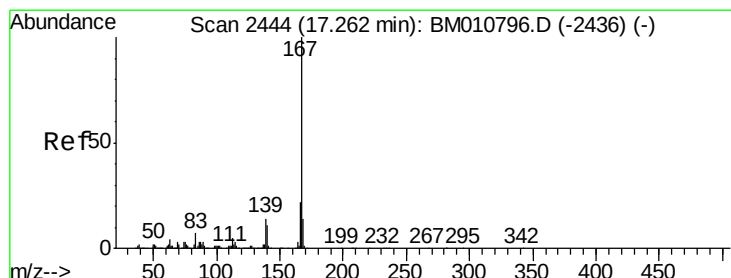
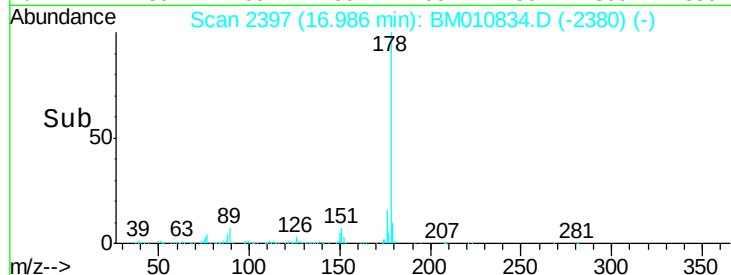
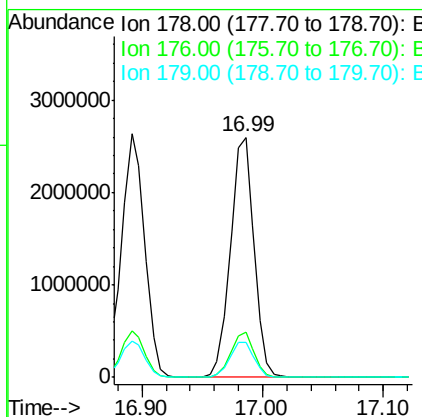
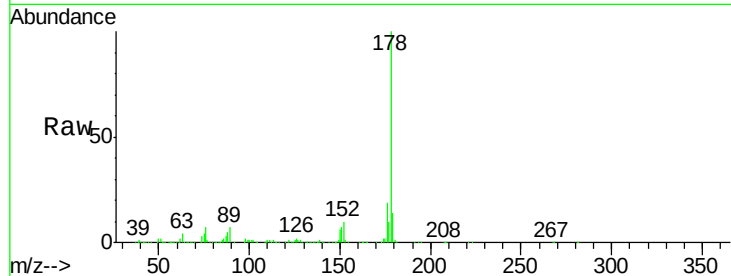
#71
 Anthracene
 Concen: 50.393 ng
 RT: 16.99 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Tgt Ion:178 Resp: 3524053
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.6 22.0
 179 14.4 12.6 19.0

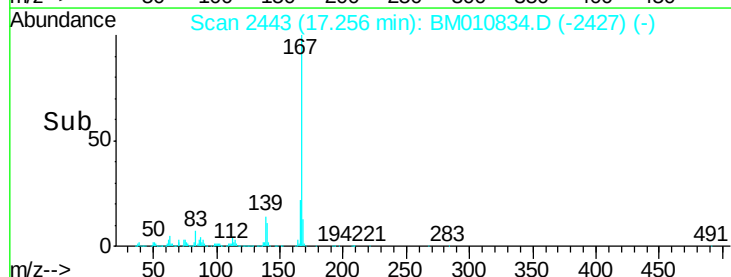
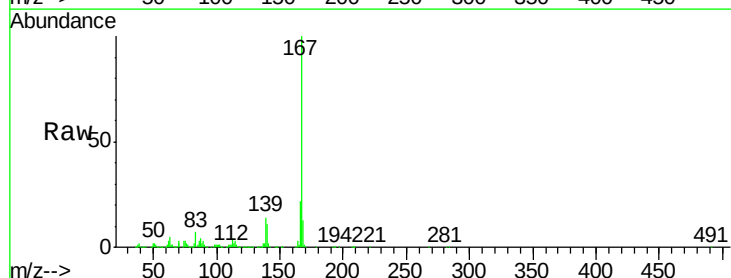
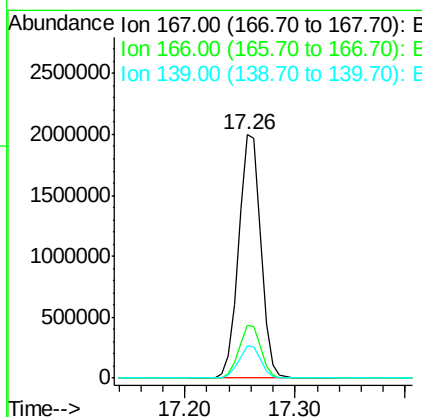
Manual Integrations
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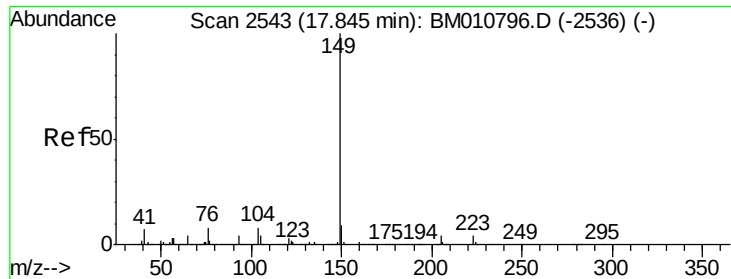
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#72
 Carbazole
 Concen: 45.704 ng
 RT: 17.26 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion:167 Resp: 2814892
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.5 10.8 16.2





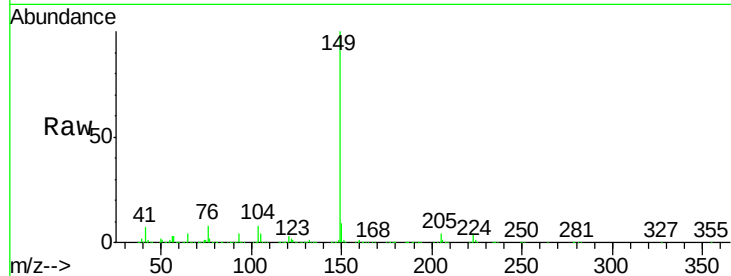
#73
Di-n-butylphthalate
Concen: 47.121 ng
RT: 17.84 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

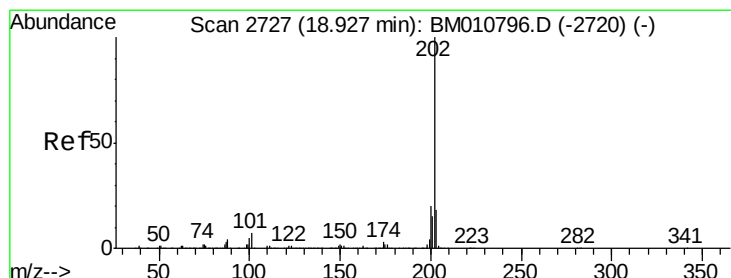
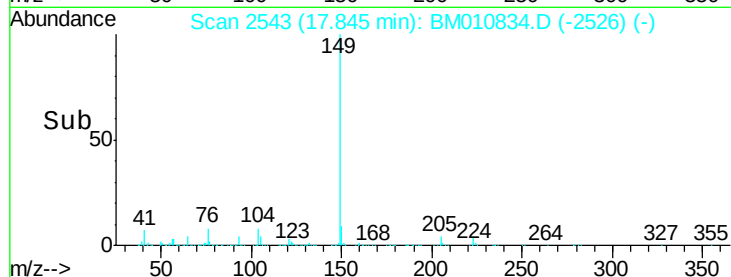
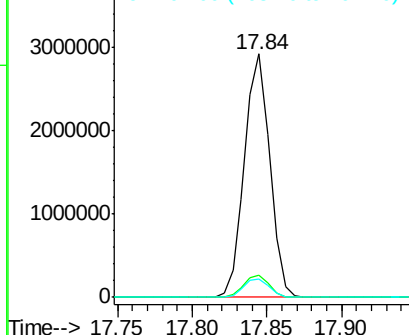
Tgt Ion:149 Resp: 3433526
Ion Ratio Lower Upper
149 100
150 9.0 7.5 11.3
104 7.6 3.7 5.5#

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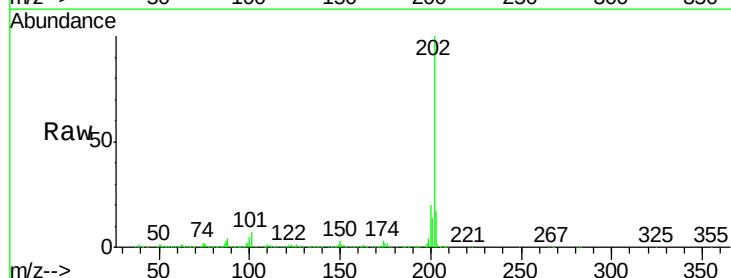


Abundance Ion 149.00 (148.70 to 149.70): E
4000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

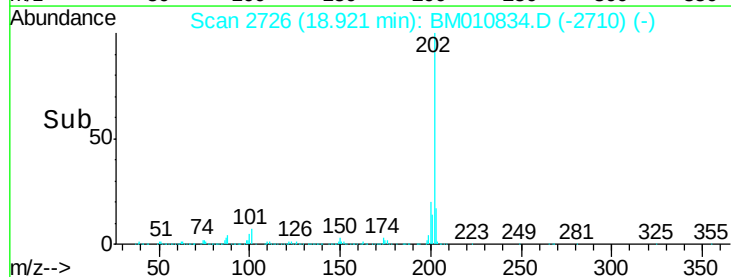
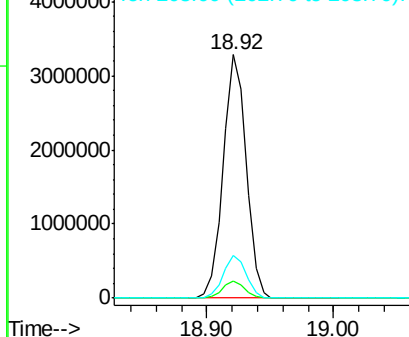


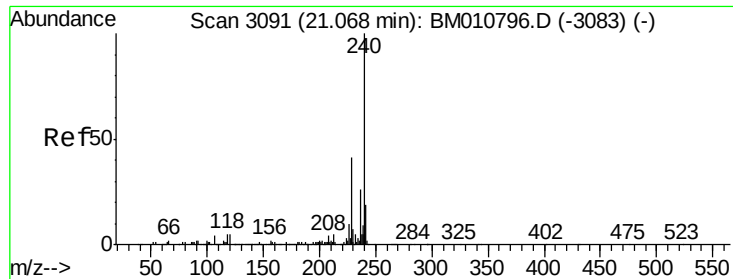
#74
Fluoranthene
Concen: 47.201 ng
RT: 18.92 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion:202 Resp: 4118283
Ion Ratio Lower Upper
202 100
101 7.2 0.0 28.7
203 17.3 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
4000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMS

Tgt Ion:240 Resp: 1347468

Ion Ratio Lower Upper

240 100

120 5.0 8.2 12.2#

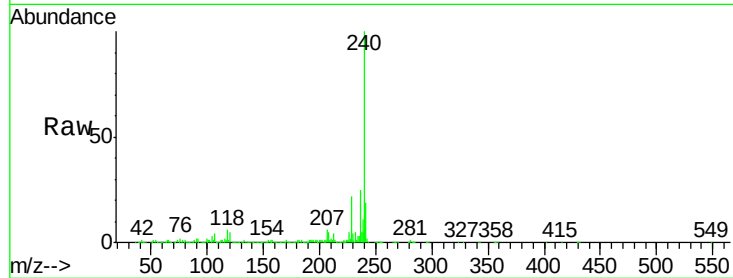
236 25.4 20.0 30.0

Manual Integrations

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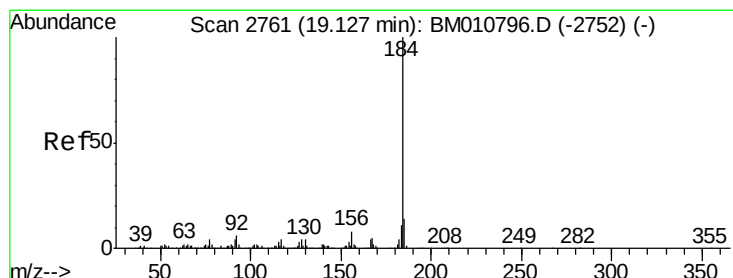
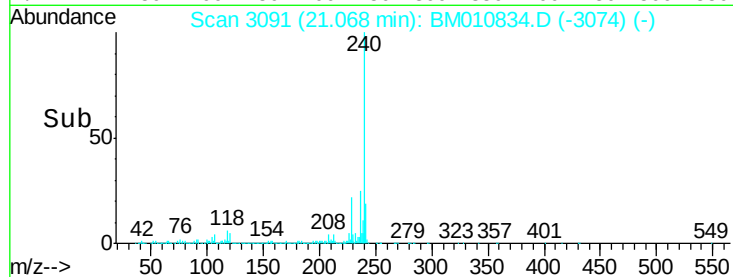
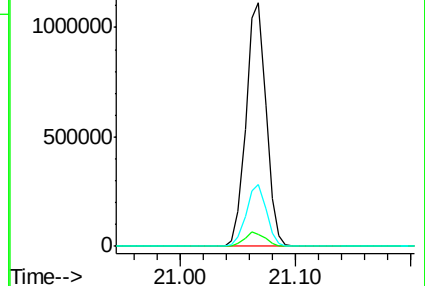
7/17/2017 8:13:38 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.683 ng

RT: 19.12 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

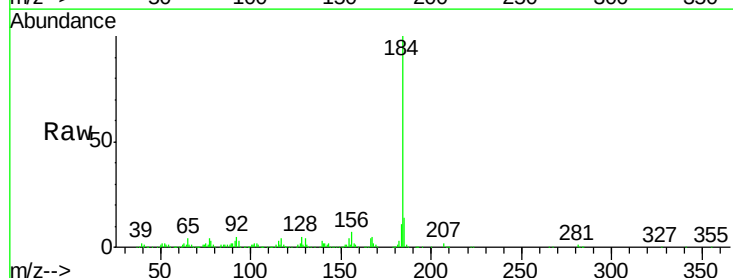
Tgt Ion:184 Resp: 709734

Ion Ratio Lower Upper

184 100

185 14.3 11.3 16.9

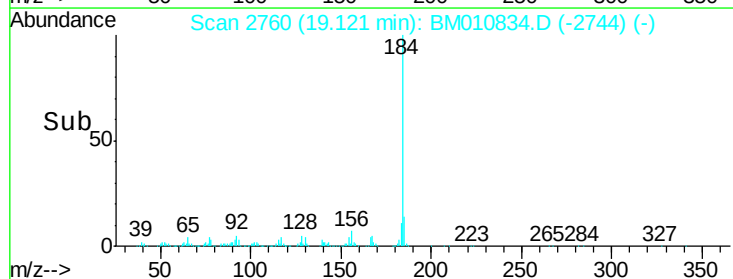
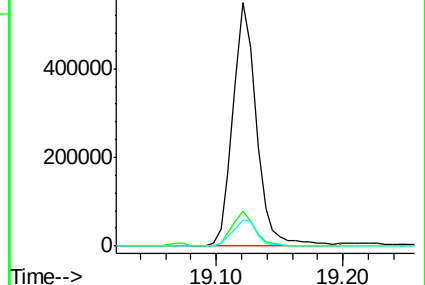
183 10.8 8.9 13.3

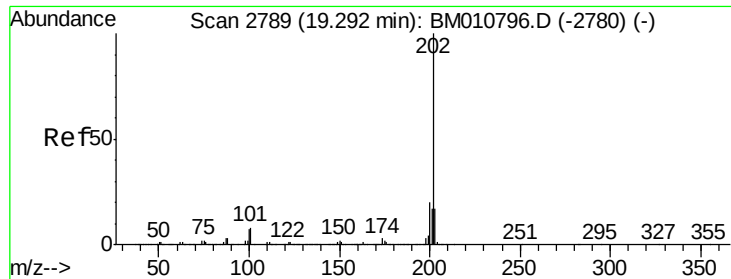


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





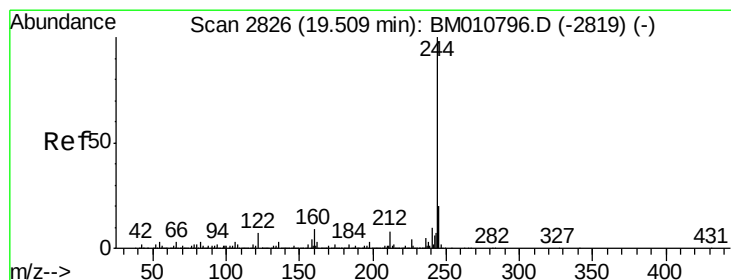
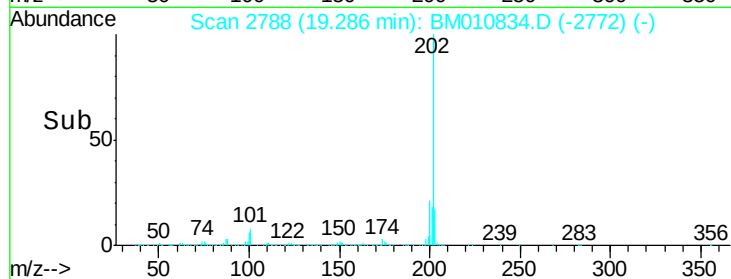
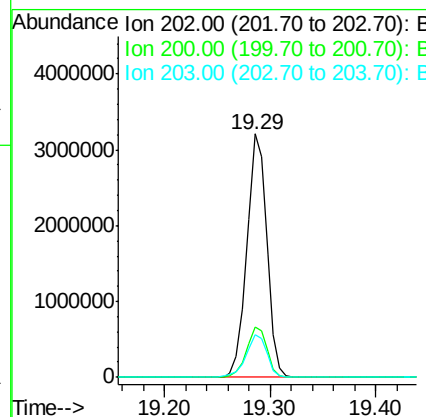
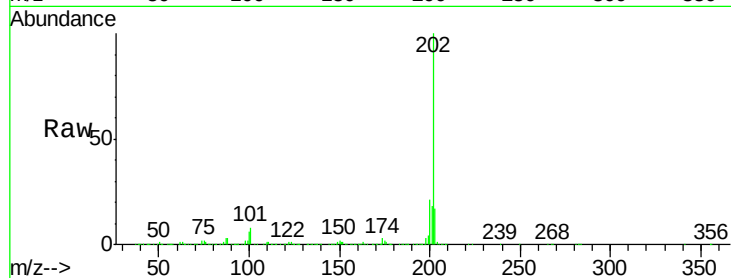
#77
 Pyrene
 Concen: 53.337 ng
 RT: 19.29 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.4	14.1	21.1

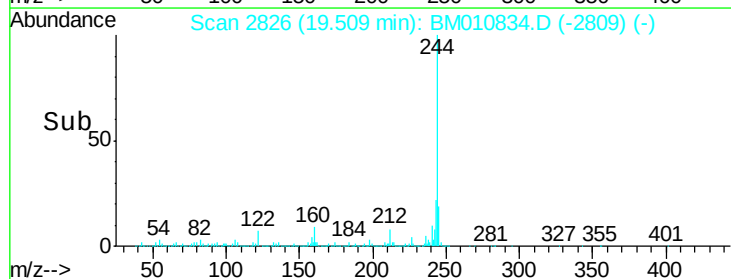
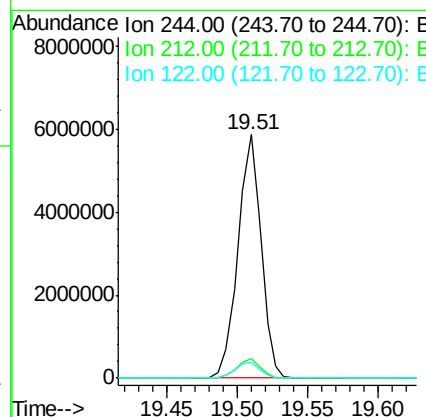
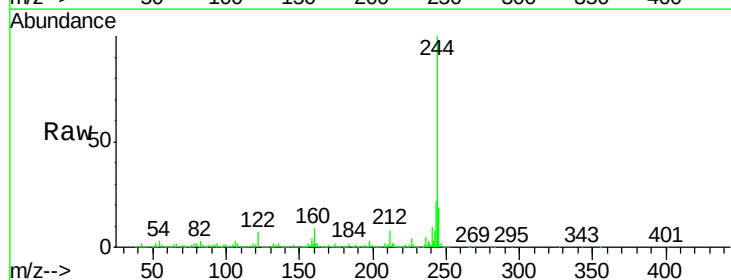
Manual Integrations
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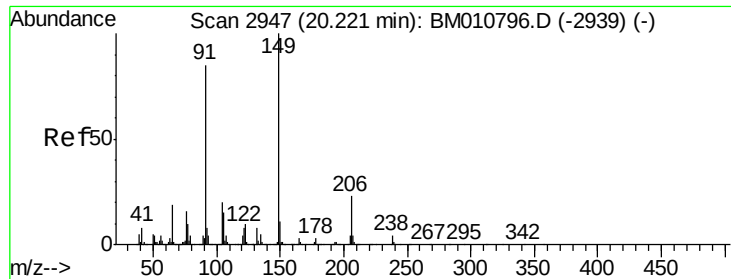
mohammad
 7/17/2017 8:13:38 AM



#78
 Terphenyl-d14
 Concen: 96.050 ng
 RT: 19.51 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	6.6	6.2	9.4





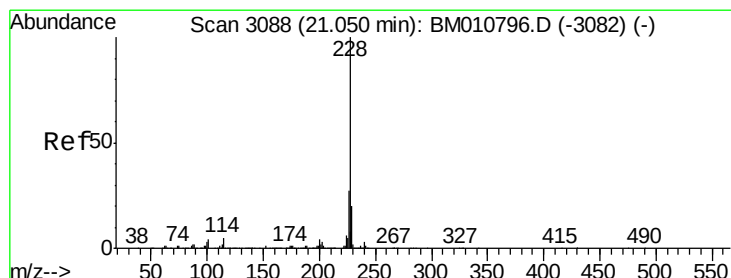
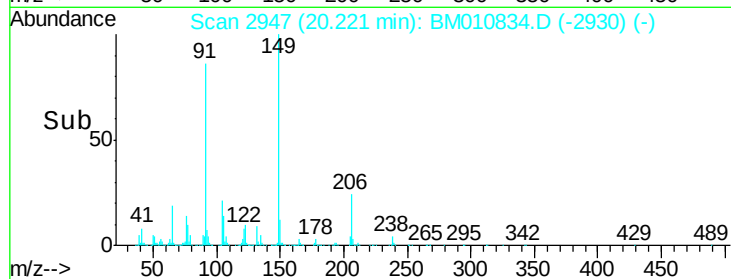
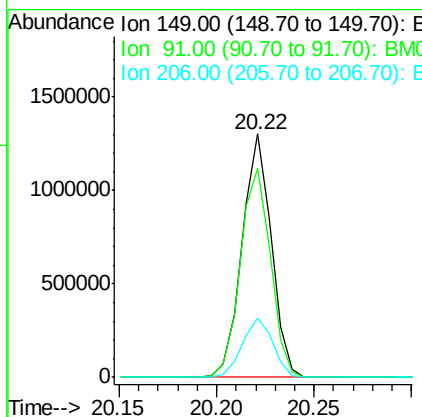
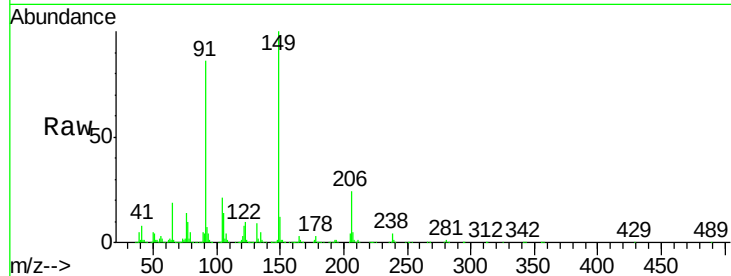
#79
Butylbenzylphthalate
Concen: 49.467 ng
RT: 20.22 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion:149 Resp: 1352835
Ion Ratio Lower Upper
149 100
91 85.9 50.1 75.1#
206 24.5 16.2 24.2#

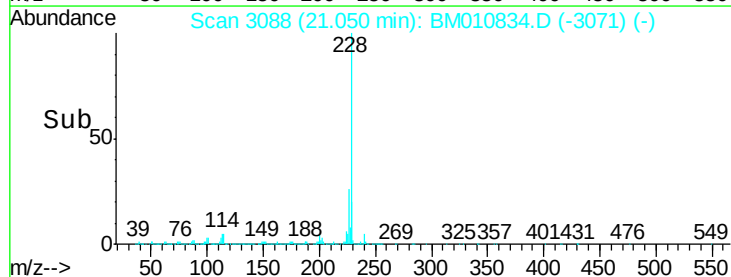
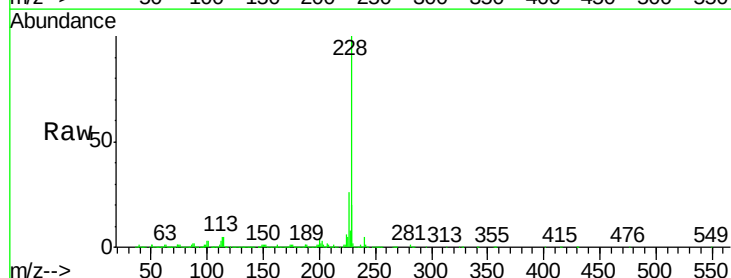
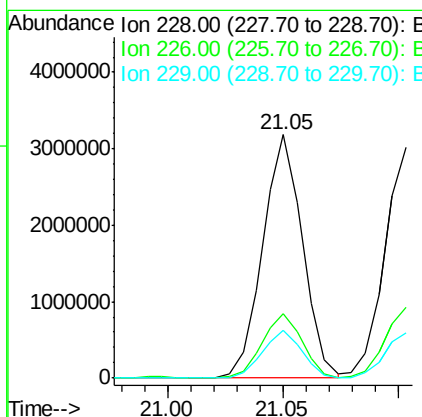
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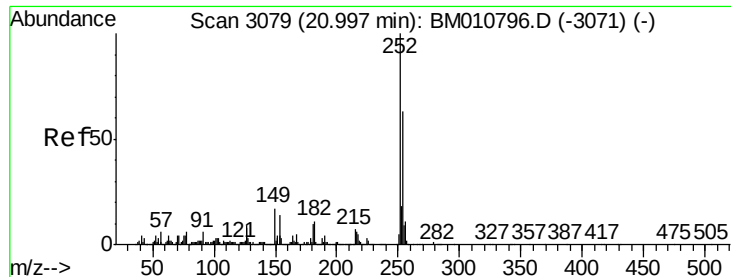
mohammad
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#80
Benzo(a)anthracene
Concen: 48.670 ng
RT: 21.05 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion:228 Resp: 3800063
Ion Ratio Lower Upper
228 100
226 26.4 21.7 32.5
229 19.6 16.0 24.0





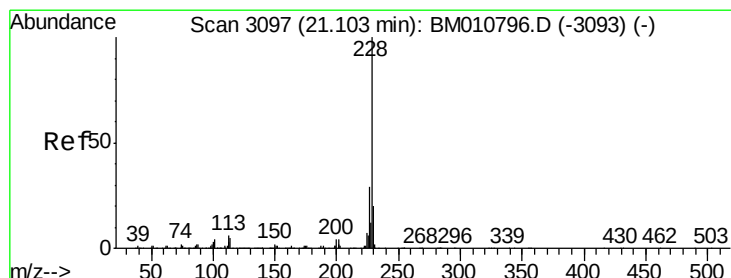
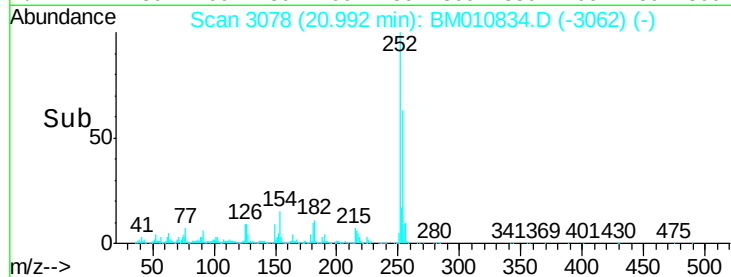
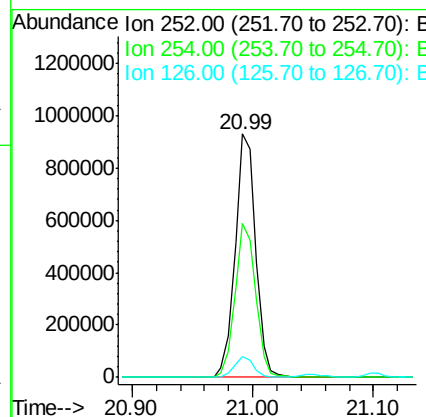
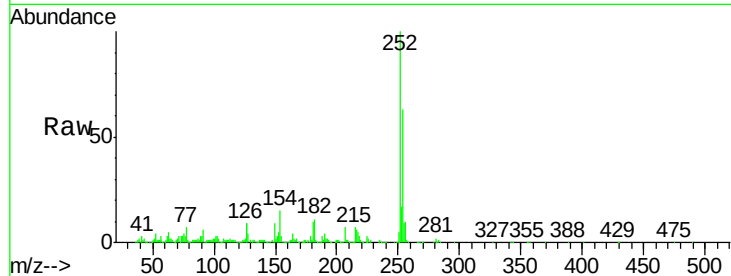
#81
 3,3'-Dichlorobenzidine
 Concen: 36.094 ng
 RT: 20.99 min Scan# 3078
 Delta R.T. -0.01 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.9	77.9
126	8.6	9.8	14.8

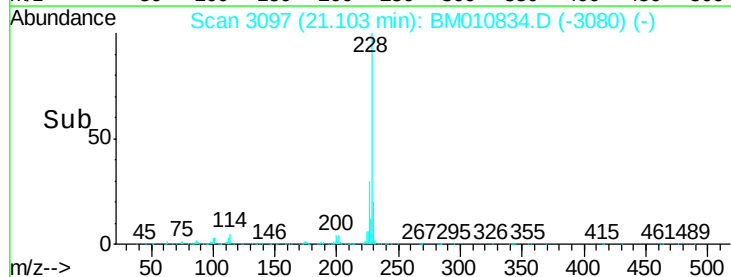
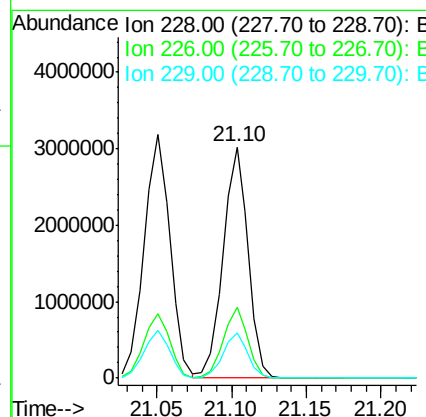
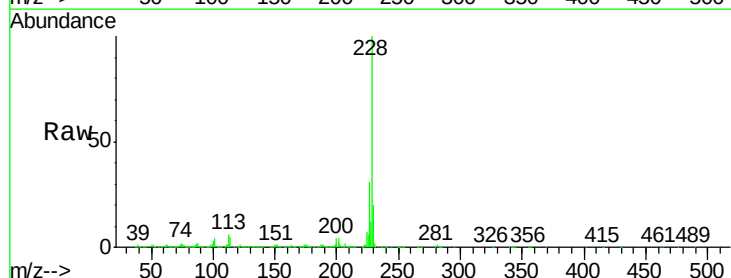
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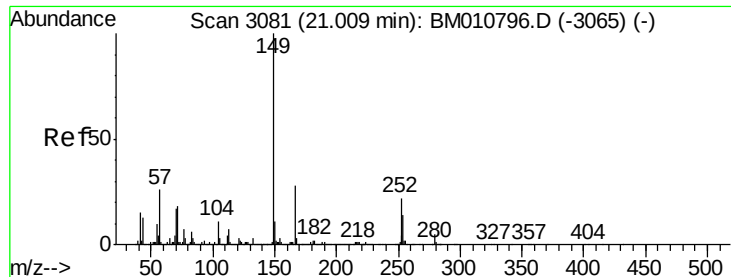
mohammad
 7/17/2017 8:13:38 AM



#82
 Chrysene
 Concen: 47.777 ng
 RT: 21.10 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	19.6	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.131 ng

RT: 21.01 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMS

Tgt Ion:149 Resp: 1877015

Ion Ratio Lower Upper

149 100

167 28.5 22.4 33.6

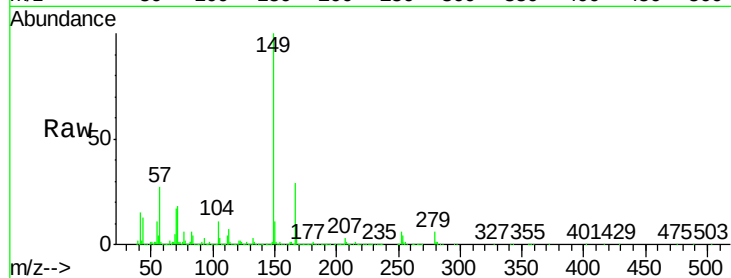
279 5.5 3.4 5.0#

Manual Integrations

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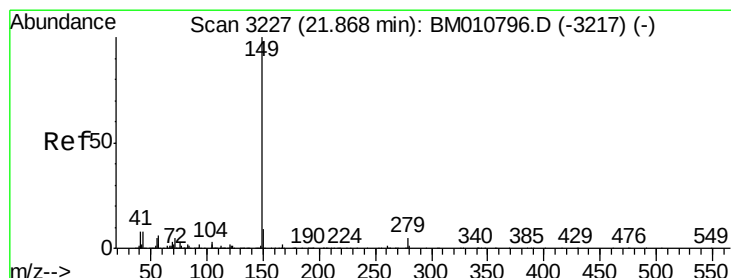
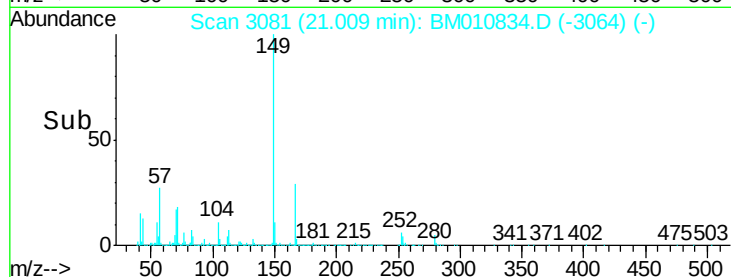
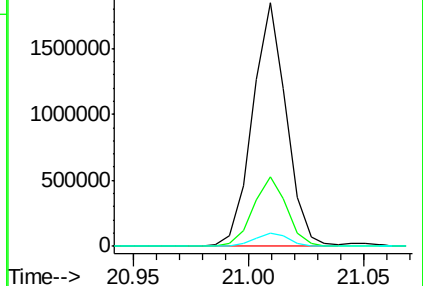
7/17/2017 8:13:38 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.452 ng

RT: 21.86 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BM010834.D

Acq: 14 Jul 2017 04:10

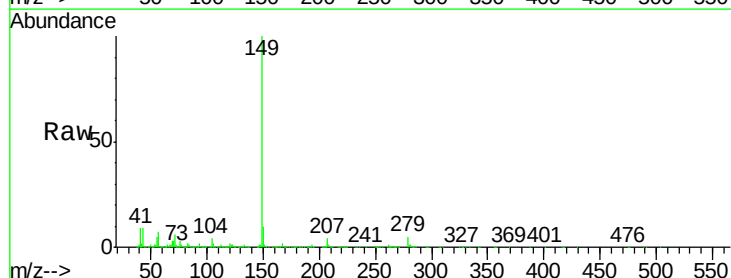
Tgt Ion:149 Resp: 3031043

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

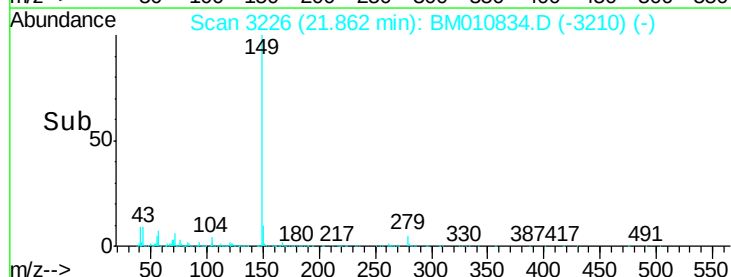
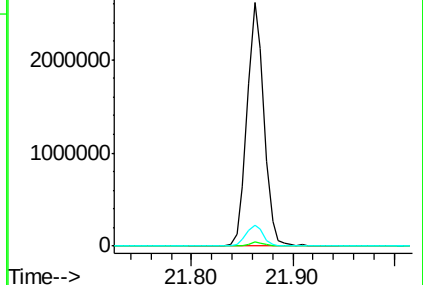
43 9.0 7.3 10.9

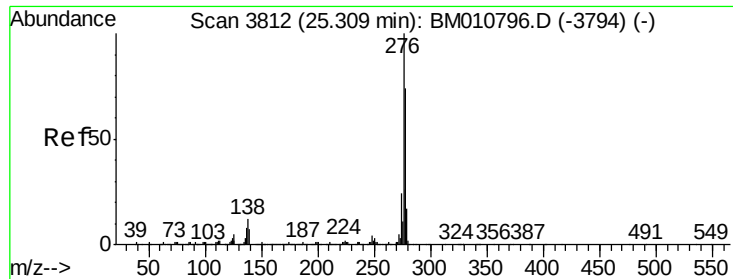


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





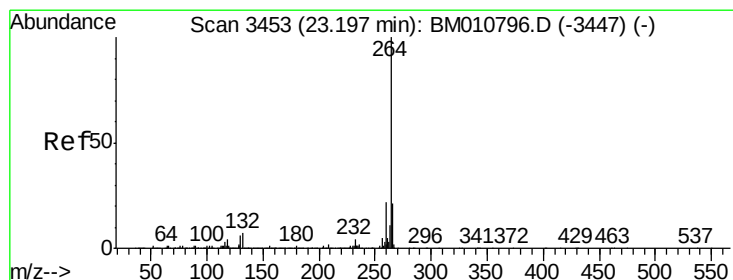
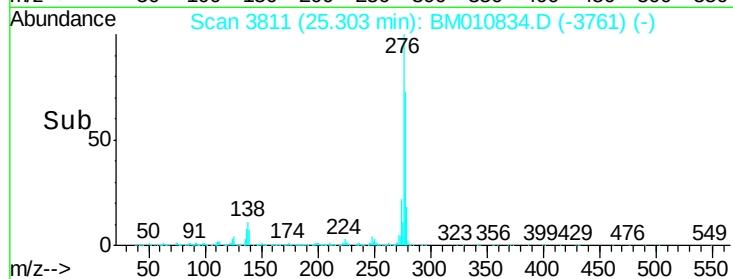
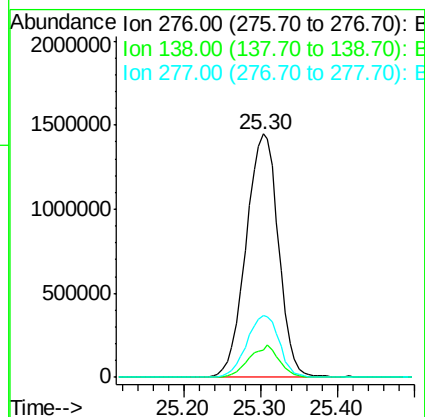
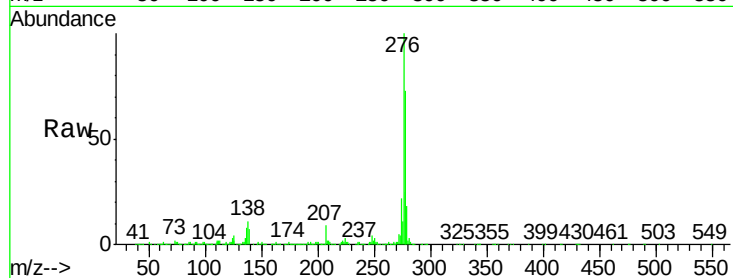
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.013 ng
 RT: 25.30 min Scan# 3811
 Delta R.T. -0.01 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Instrument :
 BNA_M
 ClientSampleId :
 TRANSFORMER-3-4-5-COMPMS

Tgt Ion: 276 Resp: 4264379
 Ion Ratio Lower Upper
 276 100
 138 12.2 0.0 0.0#
 277 25.6 0.0 0.0#

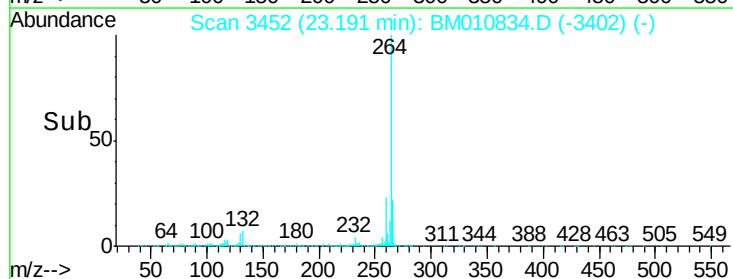
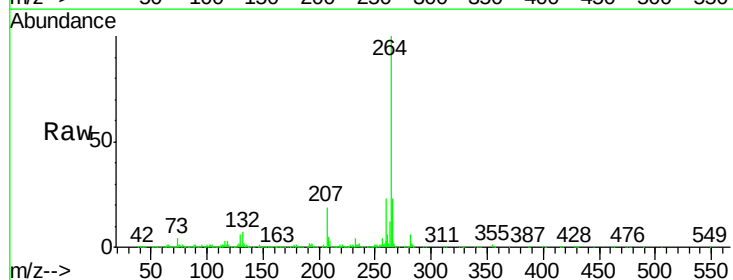
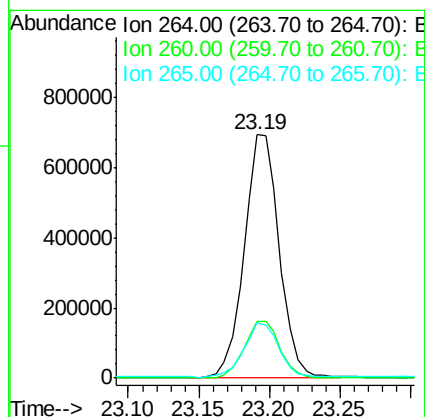
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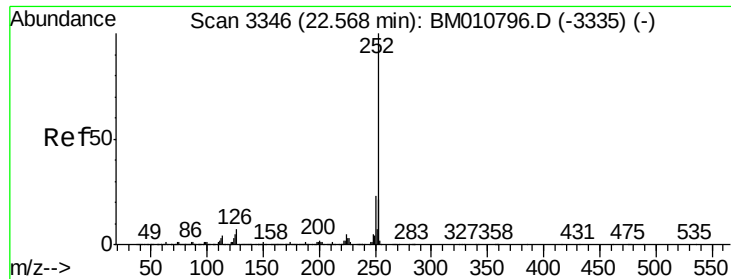
mohammad
 7/17/2017 8:13:38 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.19 min Scan# 3452
 Delta R.T. -0.01 min
 Lab File: BM010834.D
 Acq: 14 Jul 2017 04:10

Tgt Ion: 264 Resp: 1205636
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 22.8 17.3 25.9





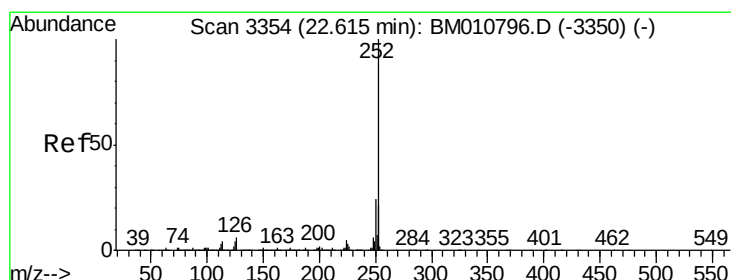
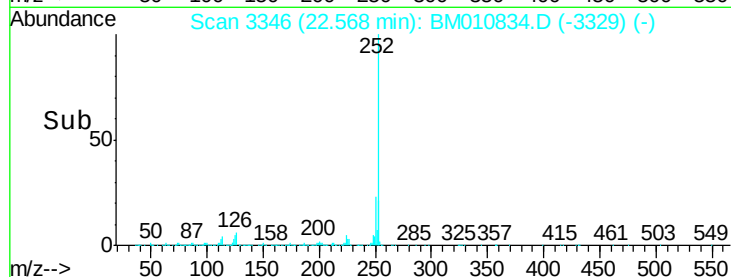
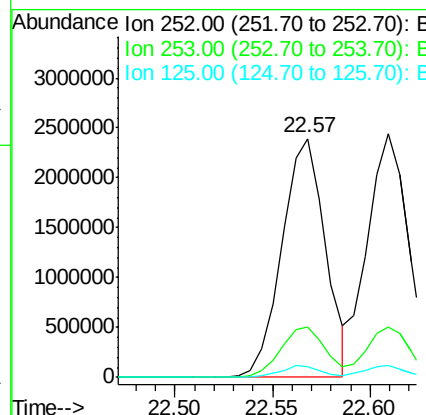
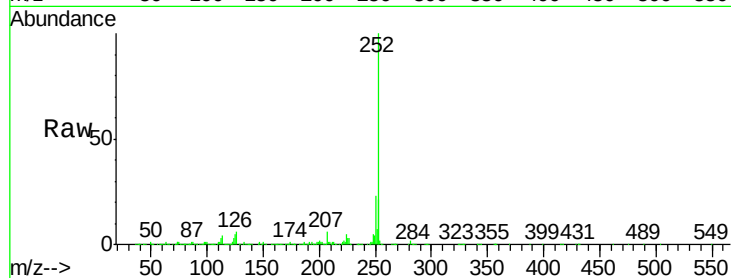
#87
Benzo(b)fluoranthene
Concen: 48.225 ng
RT: 22.57 min Scan# 3346
Delta R.T. 0.00 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	4.5	9.9	14.9

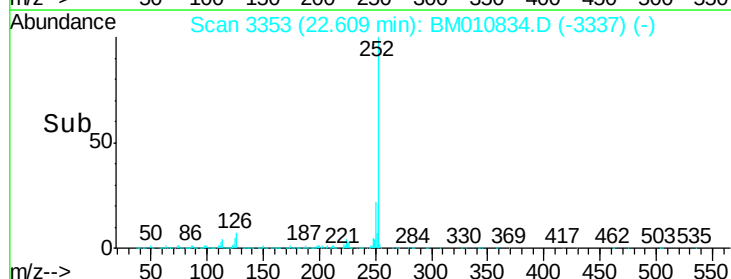
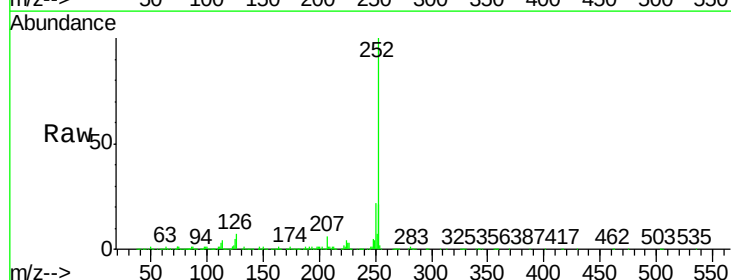
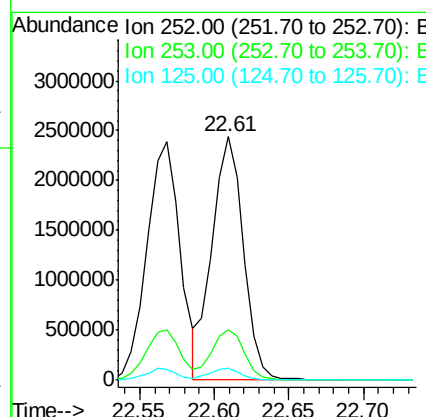
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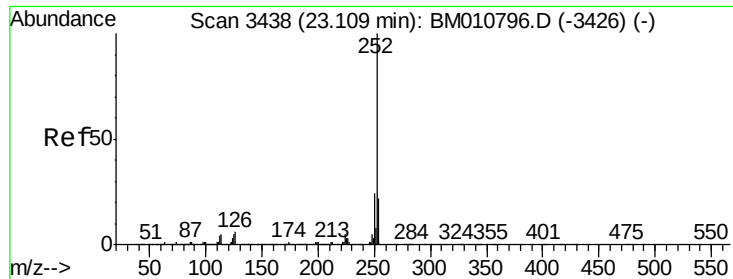
mohammad
7/17/2017 8:13:38 AM



#88
Benzo(k)fluoranthene
Concen: 48.741 ng
RT: 22.61 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.2	25.8
125	4.7	8.1	12.1





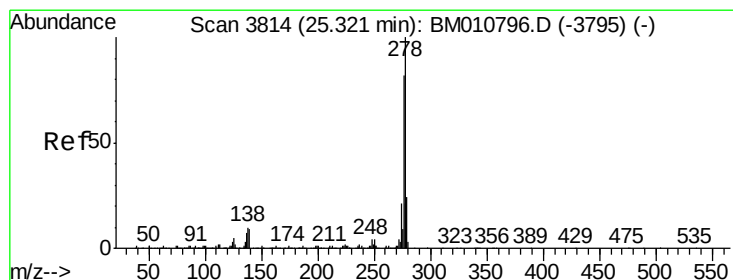
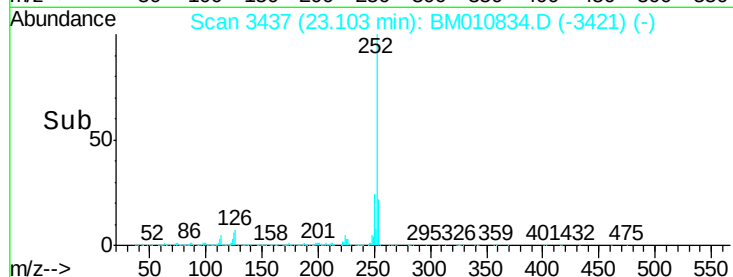
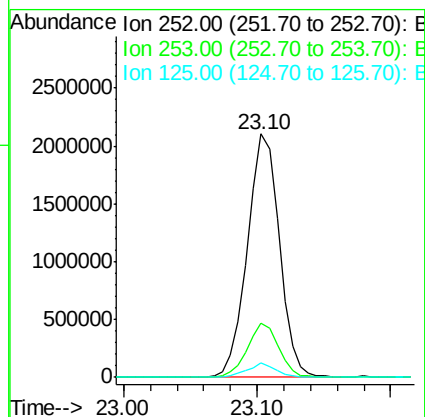
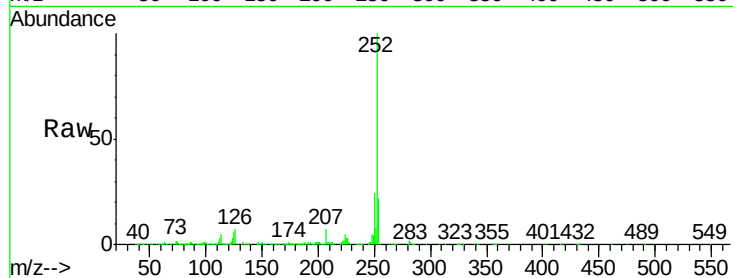
#89
Benzo(a)pyrene
Concen: 49.966 ng
RT: 23.10 min Scan# 3437
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Instrument :
BNA_M
ClientSampleId :
TRANSFORMER-3-4-5-COMPMS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	5.8	7.4	11.2

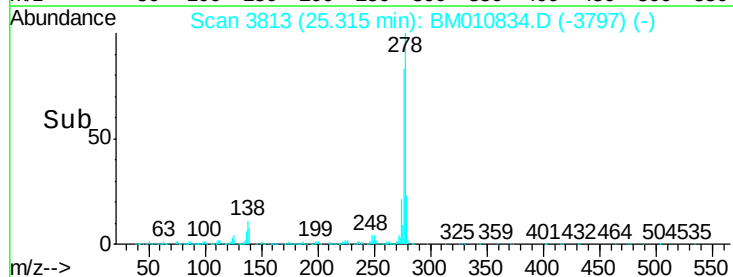
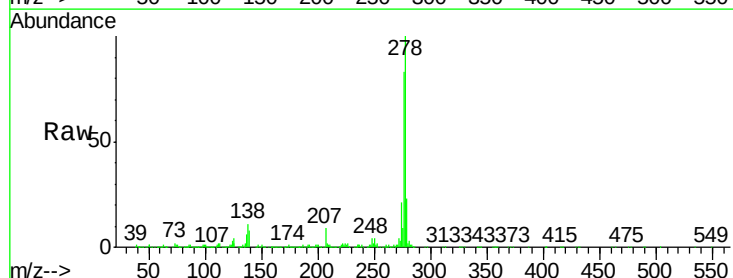
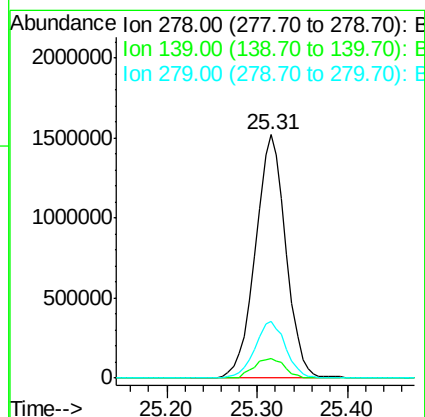
Manual Integrations
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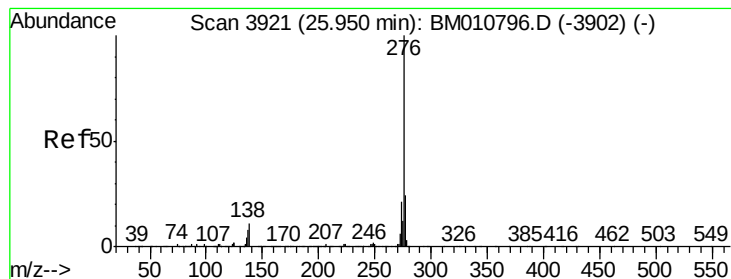
mohammad
7/17/2017 8:13:38 AM



#90
Dibenzo(a,h)anthracene
Concen: 52.316 ng
RT: 25.31 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BM010834.D
Acq: 14 Jul 2017 04:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.1	13.4	20.0
279	23.1	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 53.622 ng

RT: 25.94 min Scan# 3920

Delta R.T. -0.01 min

Lab File: BM010834.D

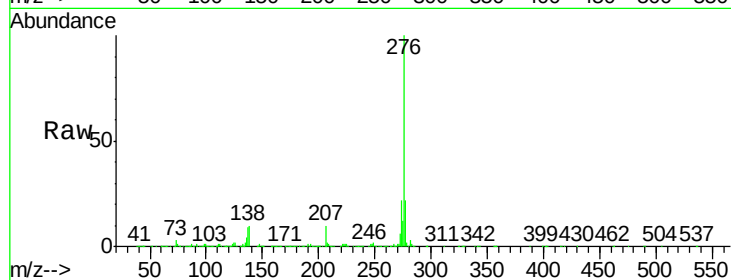
Acq: 14 Jul 2017 04:10

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMS



Tgt Ion: 276 Resp: 3566236

Ion Ratio Lower Upper

276 100

277 22.2 18.5 27.7

138 9.5 19.0 28.6#

Manual Integrations

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mohammad

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