

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010835.D
 Acq On : 14 Jul 2017 04:46
 Operator : SJ/JU
 Sample : I4145-07MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 7/17/2017 8:13:40 AM

Quant Time: Jul 14 07:01:59 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	278450	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1084857	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	660434	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1505300	20.00	ng	0.00
75) Chrysene-d12	21.07	240	1419471	20.00	ng	0.00
86) Perylene-d12	23.19	264	1244703	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	2341897	139.32	ng	0.00
7) Phenol-d6	6.65	99	2849414	122.96	ng	0.00
23) Nitrobenzene-d5	8.59	82	2580741	91.44	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1495471	148.17	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	5312130	100.06	ng	0.00
78) Terphenyl-d14	19.51	244	7063882	96.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.11	88	256142	34.533	ng	# 100
3) Pyridine	3.48	79	753456	37.163	ng	# 87
4) n-Nitrosodimethylamine	3.39	42	422077	40.734	ng	# 72
6) Aniline	6.79	93	890941	30.691	ng	91
8) 2-Chlorophenol	7.02	128	747118	44.891	ng	90
9) Benzaldehyde	6.60	77	311322	19.348	ng	88
10) Phenol	6.67	94	970003	39.590	ng	96
11) bis(2-Chloroethyl)ether	6.89	93	819210	43.413	ng	97
12) 1,3-Dichlorobenzene	7.33	146	846955	41.179	ng	# 82
13) 1,4-Dichlorobenzene	7.48	146	870311	41.004	ng	# 91
14) 1,2-Dichlorobenzene	7.79	146	818136	40.451	ng	# 90
15) Benzyl Alcohol	7.69	79	1009473	46.004	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	7.99	45	743492	45.445	ng	74
17) 2-Methylphenol	7.89	107	709360	44.766	ng	# 80
18) Hexachloroethane	8.50	117	366285	41.143	ng	# 83
19) n-Nitroso-di-n-propylamine	8.26	70	799922	43.577	ng	94
20) 3+4-Methylphenols	8.22	107	956228	43.435	ng	# 83
22) Acetophenone	8.26	105	1414853	43.315	ng	# 95
24) Nitrobenzene	8.63	77	1240301	42.880	ng	91
25) Isophorone	9.16	82	2081682	45.022	ng	# 87
26) 2-Nitrophenol	9.33	139	425299	44.187	ng	# 38
27) 2,4-Dimethylphenol	9.40	122	721656	42.009	ng	# 73
28) bis(2-Chloroethoxy)methane	9.65	93	1156580	44.622	ng	98
29) 2,4-Dichlorophenol	9.86	162	853372	43.976	ng	89
30) 1,2,4-Trichlorobenzene	10.07	180	982795	41.427	ng	98
31) Naphthalene	10.26	128	2425956	43.979	ng	99
32) Benzoic acid	9.56	122	483991	35.908	ng	# 72
33) 4-Chloroaniline	10.37	127	363421	16.353	ng	# 75
34) Hexachlorobutadiene	10.55	225	748433	40.658	ng	96
35) Caprolactam	11.16	113	180261m	34.891	ng	
36) 4-Chloro-3-methylphenol	11.51	107	992120	42.266	ng	# 77
37) 2-Methylnaphthalene	11.88	142	1857550	46.884	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1283981	44.602	ng	# 100
40) Hexachlorocyclopentadiene	12.24	237	1755587	106.382	ng	97

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Quant Time: Jul 14 07:01:59 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	805025	45.414	ng	96
43) 2,4,5-Trichlorophenol	12.58	196	837020	47.827	ng	# 89
45) 1,1'-Biphenyl	12.92	154	2512468	43.667	ng	97
46) 2-Chloronaphthalene	12.96	162	1981393	46.965	ng	# 94
47) 2-Nitroaniline	13.17	65	699628	50.447	ng	# 75
48) Acenaphthylene	13.82	152	2939226	46.842	ng	99
49) Dimethylphthalate	13.57	163	2554068	45.458	ng	# 99
50) 2,6-Dinitrotoluene	13.69	165	533525	48.412	ng	# 68
51) Acenaphthene	14.16	154	1795767	46.836	ng	98
52) 3-Nitroaniline	14.01	138	375154	37.446	ng	# 48
53) 2,4-Dinitrophenol	14.22	184	690039	90.577	ng	# 88
54) Dibenzofuran	14.50	168	3092956	49.870	ng	# 90
55) 4-Nitrophenol	14.33	139	678991	78.035	ng	# 1
56) 2,4-Dinitrotoluene	14.48	165	741268	48.473	ng	# 95
57) Fluorene	15.16	166	2466529	46.263	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.73	232	814208	50.071	ng	# 100
59) Diethylphthalate	14.95	149	2558678	46.112	ng	98
60) 4-Chlorophenyl-phenylether	15.16	204	1516583	46.307	ng	97
61) 4-Nitroaniline	15.19	138	470954	44.974	ng	# 1
62) Azobenzene	15.45	77	2903590	51.532	ng	88
64) 4,6-Dinitro-2-methylphenol	15.24	198	447513	45.084	ng	91
65) n-Nitrosodiphenylamine	15.37	169	2122314	49.273	ng	99
66) 4-Bromophenyl-phenylether	16.05	248	988499	51.816	ng	# 90
67) Hexachlorobenzene	16.16	284	1008882	46.249	ng	# 86
68) Atrazine	16.34	200	842068	47.207	ng	97
69) Pentachlorophenol	16.50	266	1230692	88.006	ng	97
70) Phenanthrene	16.89	178	3889649	49.670	ng	100
71) Anthracene	16.99	178	3930650	50.565	ng	98
72) Carbazole	17.26	167	3158743	46.139	ng	100
73) Di-n-butylphthalate	17.84	149	3864396	47.711	ng	# 96
74) Fluoranthene	18.92	202	4523590	46.642	ng	98
76) Benzidine	19.12	184	2620986	69.000	ng	98
77) Pyrene	19.29	202	4511123	54.820	ng	100
79) Butylbenzylphthalate	20.22	149	1524561	52.918	ng	# 75
80) Benzo(a)anthracene	21.05	228	4076265	49.559	ng	100
81) 3,3'-Dichlorobenzidine	21.00	252	1314811	40.655	ng	# 97
82) Chrysene	21.10	228	3753659	47.920	ng	99
83) Bis(2-ethylhexyl)phthalate	21.01	149	2090408	49.827	ng	# 99
84) Di-n-octyl phthalate	21.86	149	3254494	47.346	ng	99
85) Indeno(1,2,3-cd)pyrene	25.30	276	4353189	48.464	ng	# 100
87) Benzo(b)fluoranthene	22.57	252	3883002	49.112	ng	# 91
88) Benzo(k)fluoranthene	22.61	252	3743796	49.575	ng	# 94
89) Benzo(a)pyrene	23.10	252	3654421	50.780	ng	# 97
90) Dibenzo(a,h)anthracene	25.31	278	3632197	52.001	ng	# 90
91) Benzo(g,h,i)perylene	25.94	276	3606260	52.522	ng	# 86

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

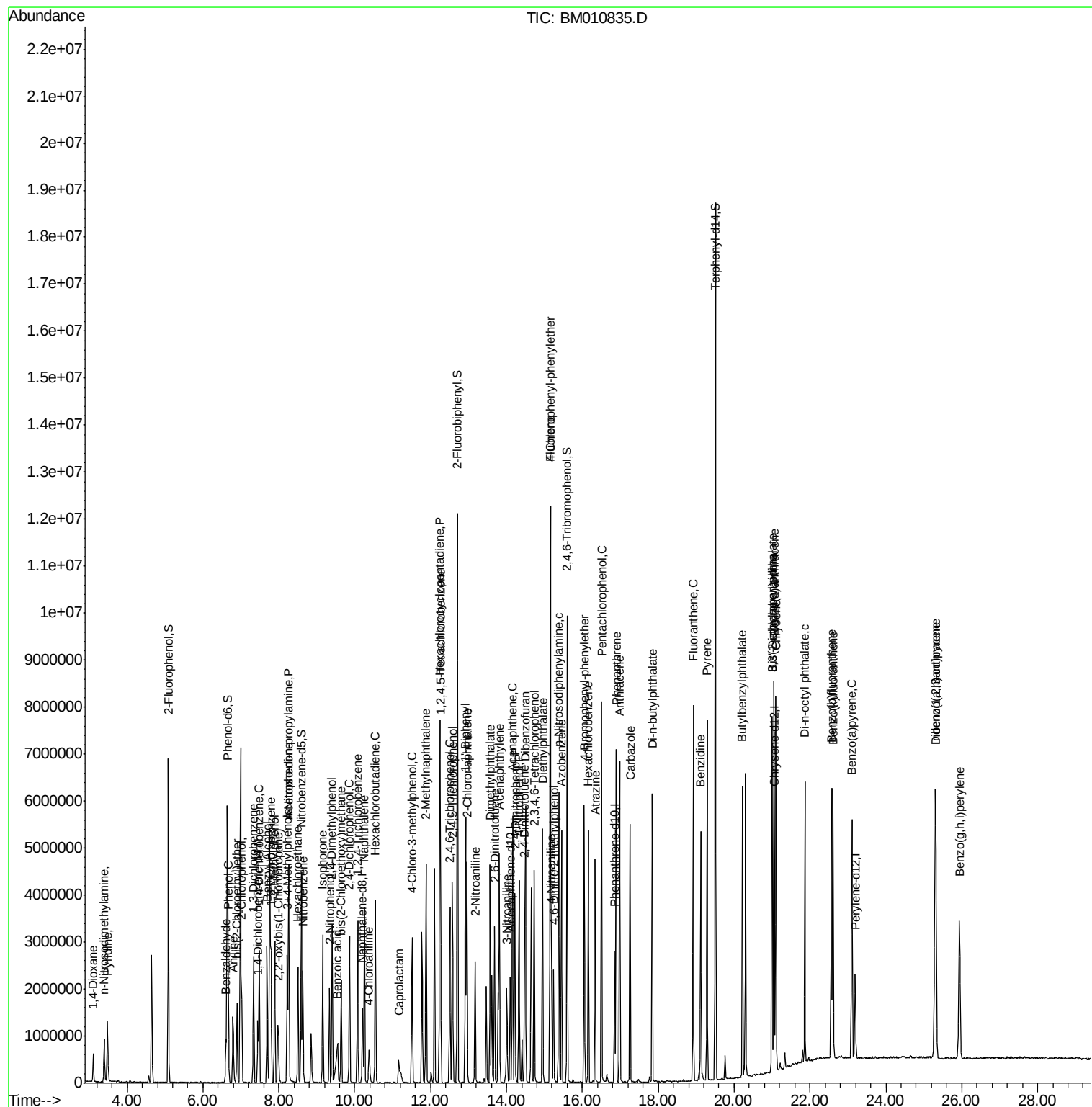
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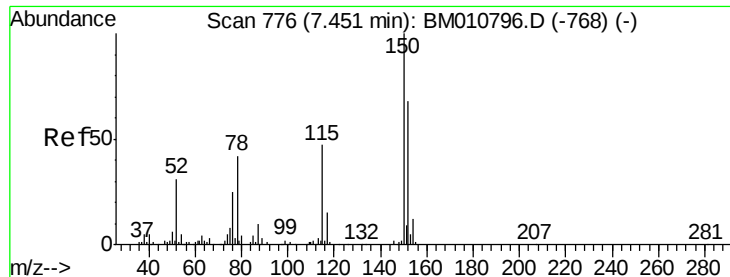
Instrument :
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#1

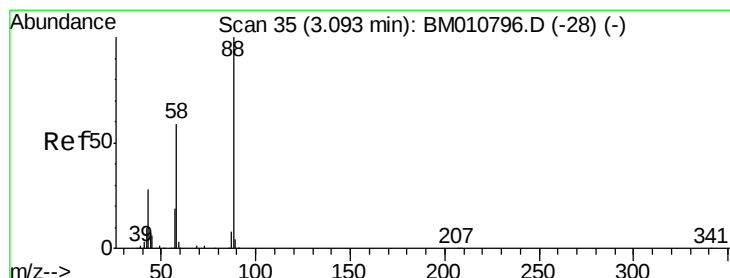
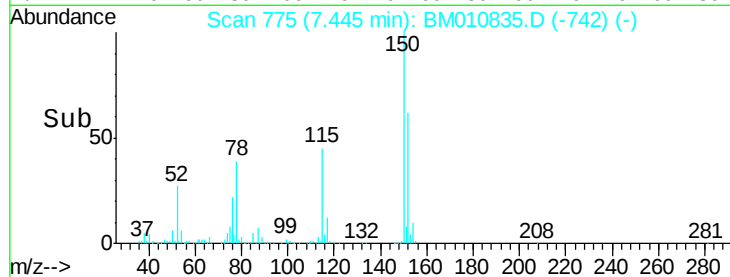
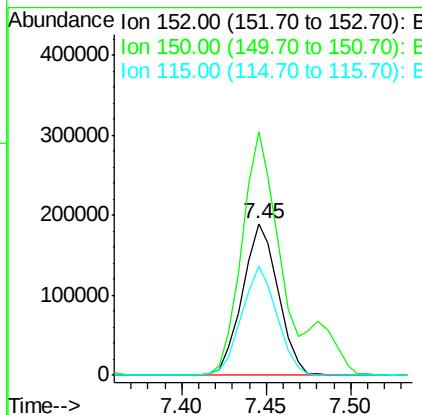
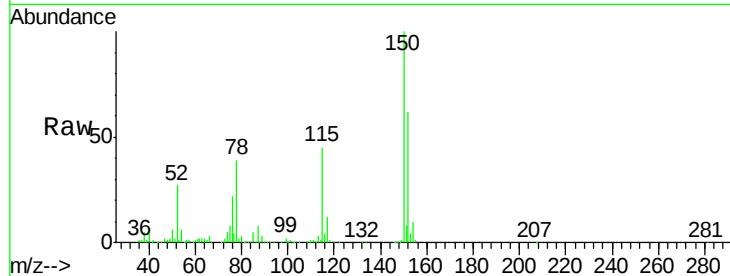
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		278450		
150	160.7	119.5	179.3		
115	71.9	43.0	64.4#		

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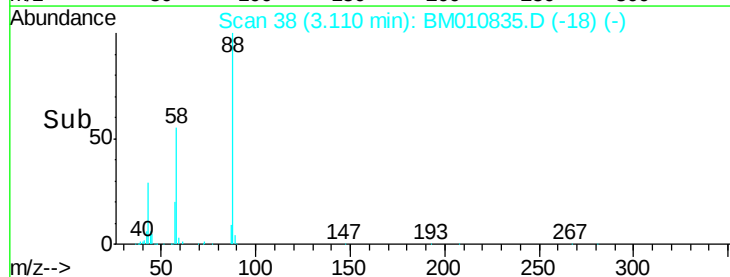
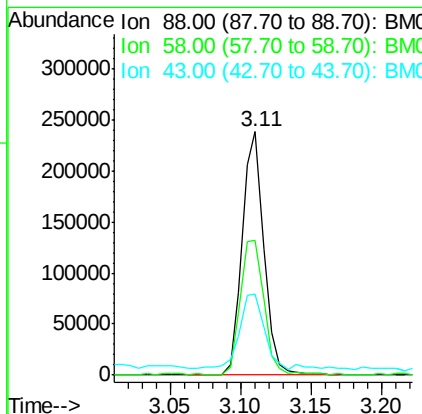
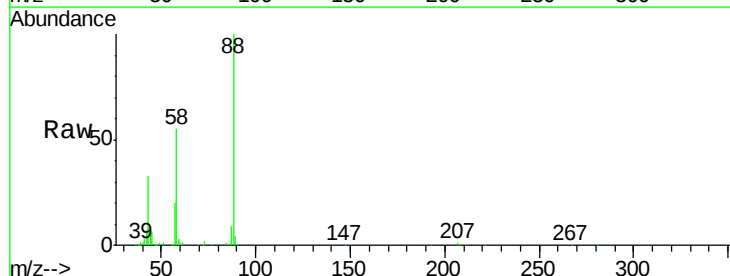
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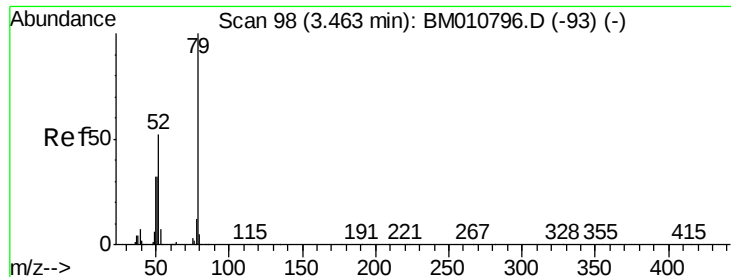


#2

1,4-Dioxane
Concen: 34.533 ng
RT: 3.11 min Scan# 38
Delta R.T. 0.02 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt	Ion	Ratio	Resp	Lower	Upper
88	100		256142		
58	59.6	0.0	0.0#		
43	34.9	0.0	0.0#		





#3

Pyridine

Concen: 37.163 ng

RT: 3.48 min Scan# 101

Delta R.T. 0.02 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

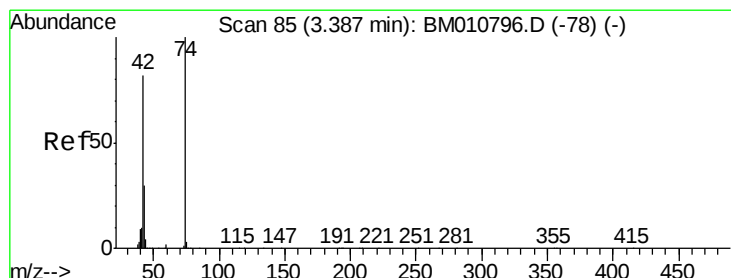
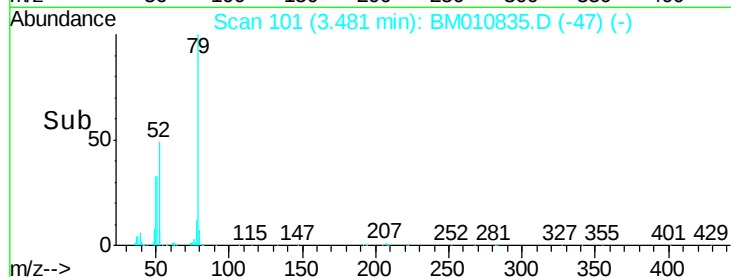
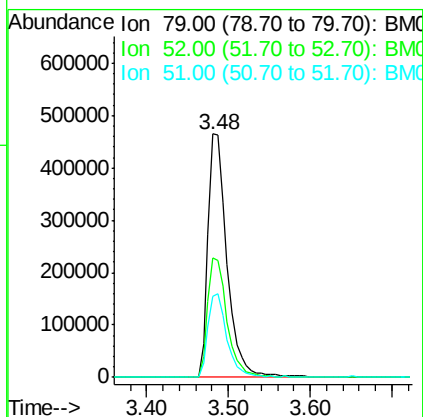
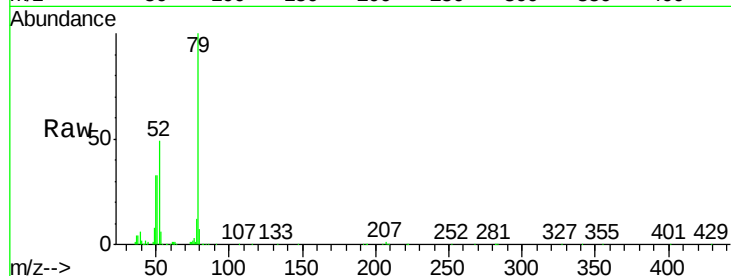
ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion:	79	Resp:	753456
Ion Ratio	Lower	Upper	
79	100		
52	49.3	51.1	76.7#
51	33.5	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 40.734 ng

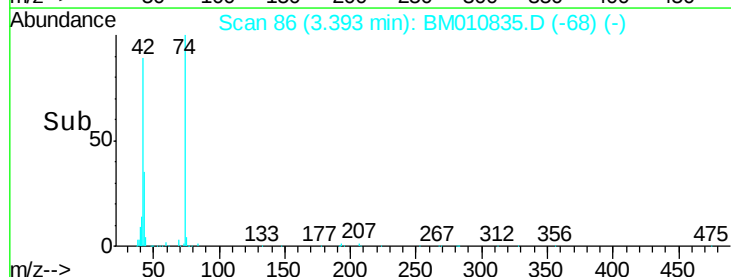
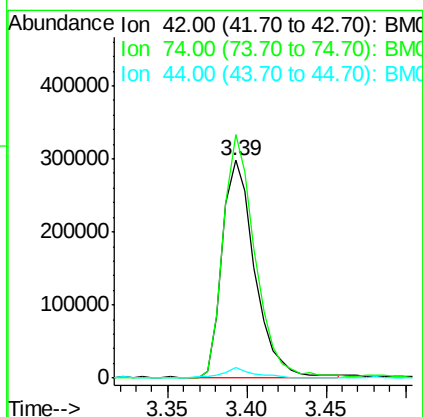
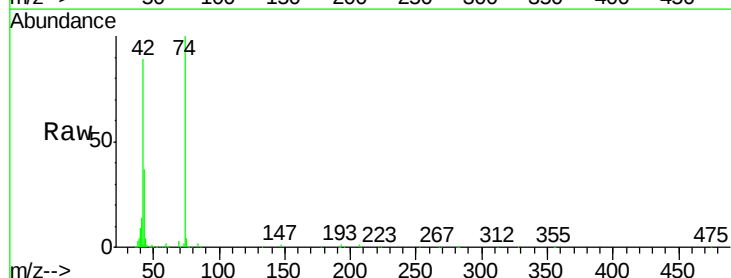
RT: 3.39 min Scan# 86

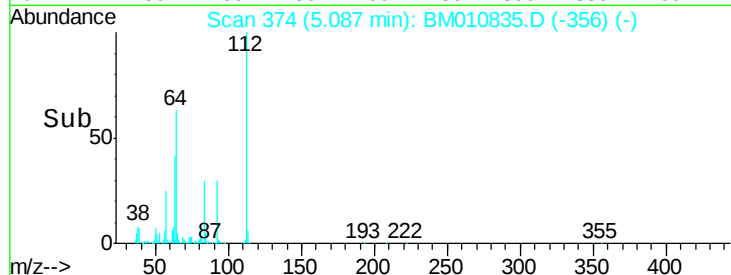
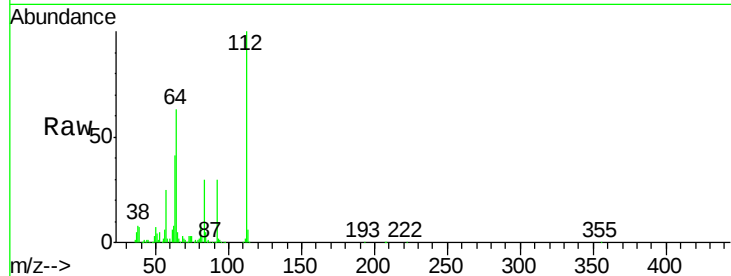
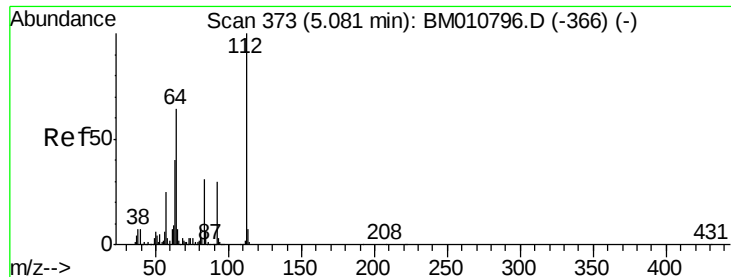
Delta R.T. 0.01 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Tgt Ion:	42	Resp:	422077
Ion Ratio	Lower	Upper	
42	100		
74	111.8	119.3	178.9#
44	4.7	5.4	8.2#





#5

2-Fluorophenol

Concen: 139.319 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Tgt Ion:	112	Resp:	2341897
Ion	Ratio	Lower	Upper
112	100		
64	62.6	38.6	57.8#
63	40.7	19.3	28.9#

Instrument :

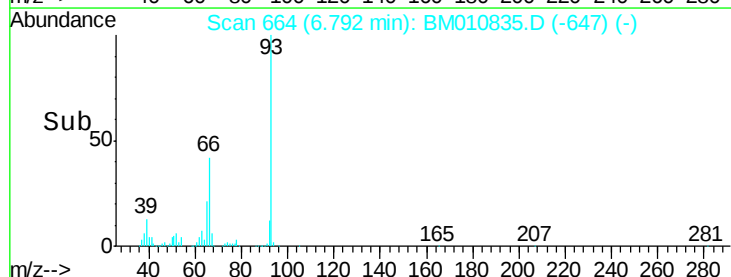
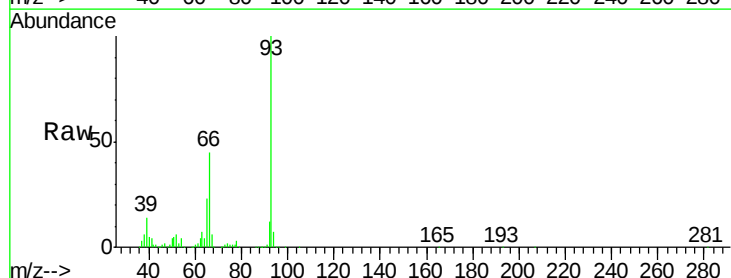
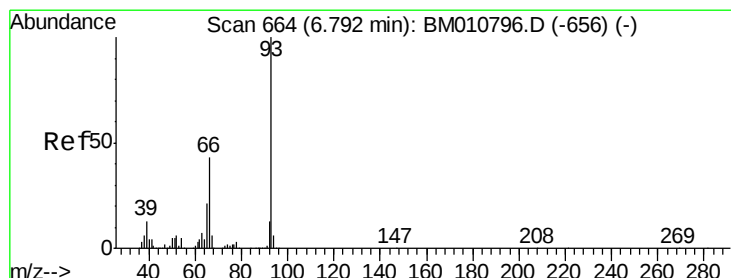
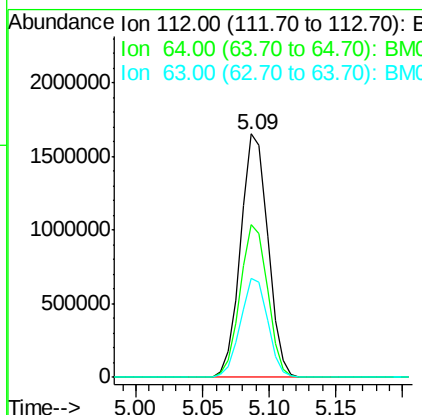
BNA_M

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#6

Aniline

Concen: 30.691 ng

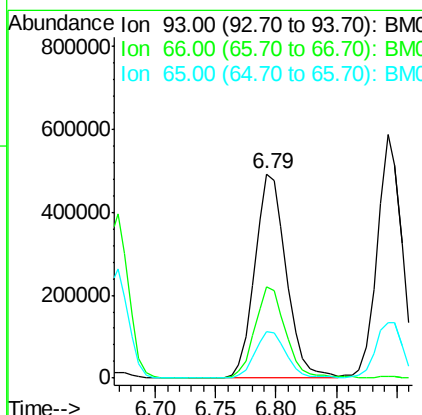
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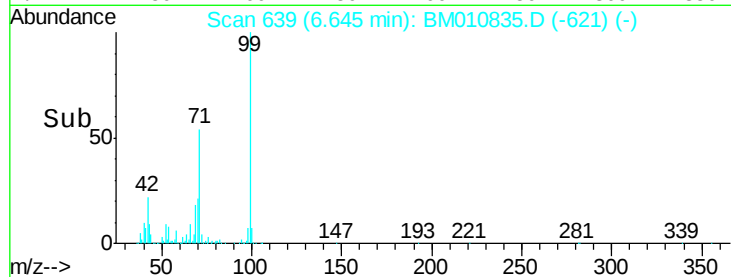
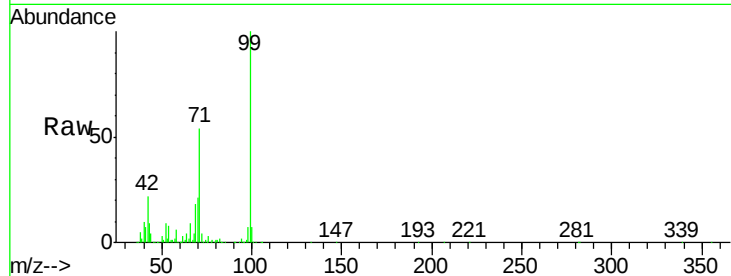
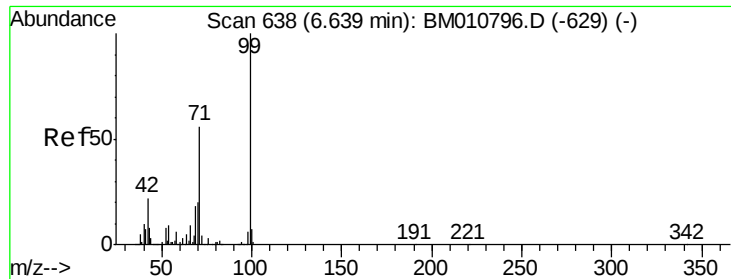
Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Tgt Ion:	93	Resp:	890941
Ion	Ratio	Lower	Upper
93	100		
66	44.7	30.8	46.2
65	22.6	16.0	24.0





#7

Phenol-d6

Concen: 122.960 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Tgt Ion:	99	Resp:	2849414
Ion	Ratio	Lower	Upper
99	100		
42	22.2	11.0	16.4#
71	54.0	23.4	35.2#

Instrument :

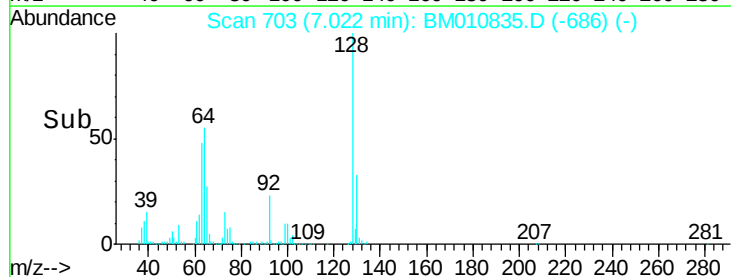
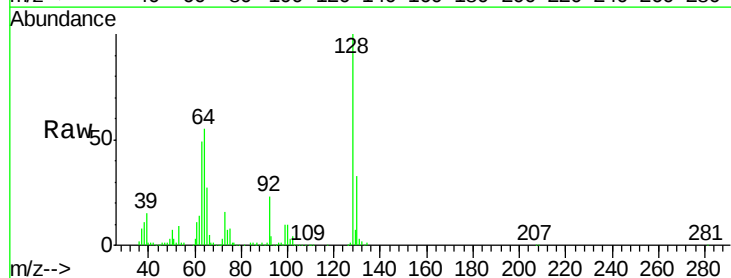
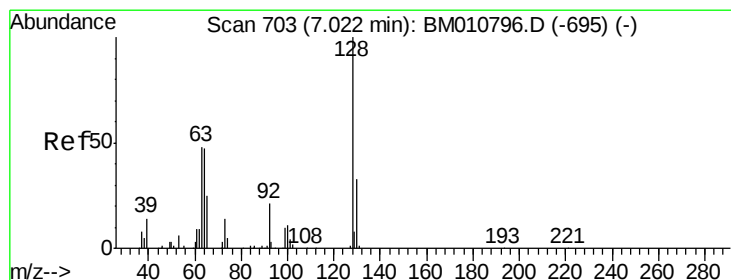
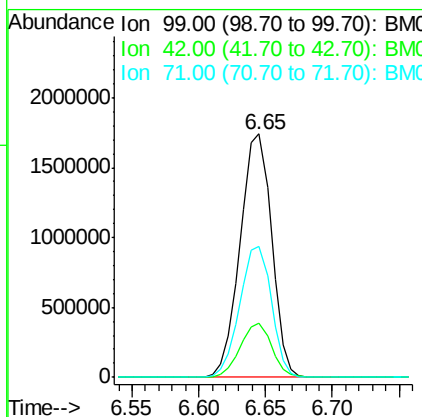
BNA_M

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TRANSFORMER-3-4-5-COMPMSD

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#8

2-Chlorophenol

Concen: 44.891 ng

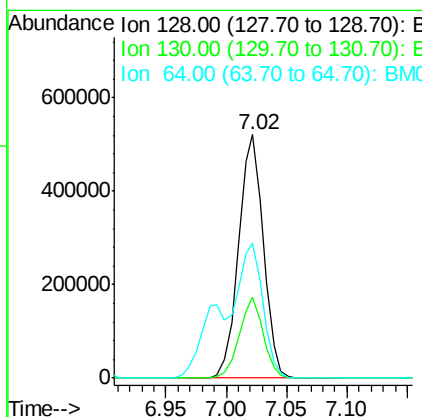
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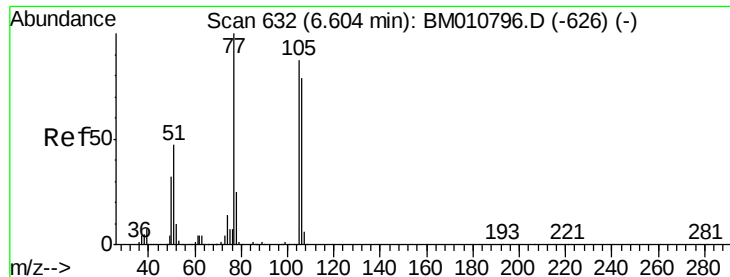
Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Tgt Ion:	128	Resp:	747118
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.0	52.0
64	55.2	24.9	64.9





#9

Benzaldehyde

Concen: 19.348 ng

RT: 6.60 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion: 77 Resp: 311322

Ion Ratio Lower Upper

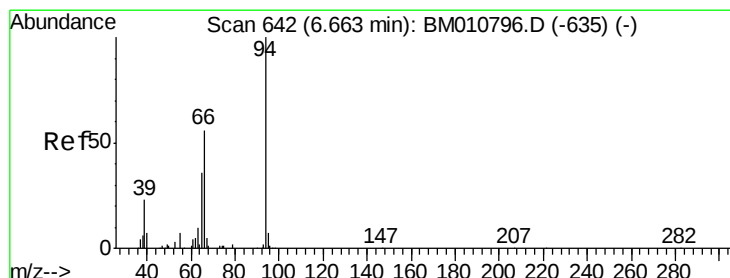
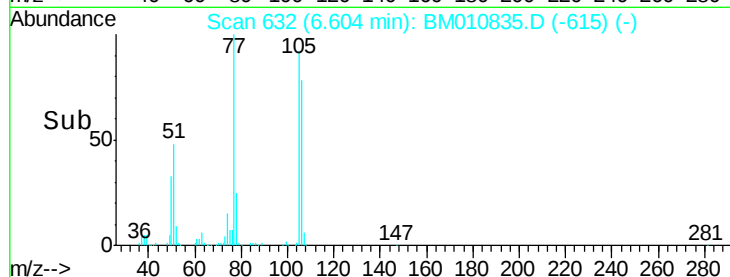
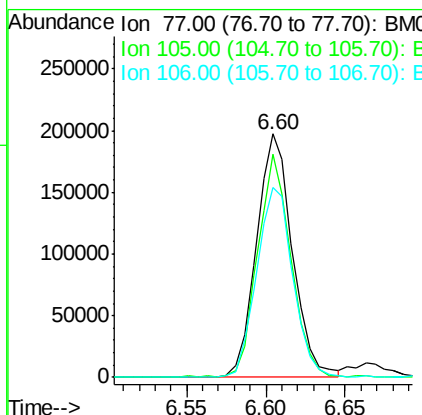
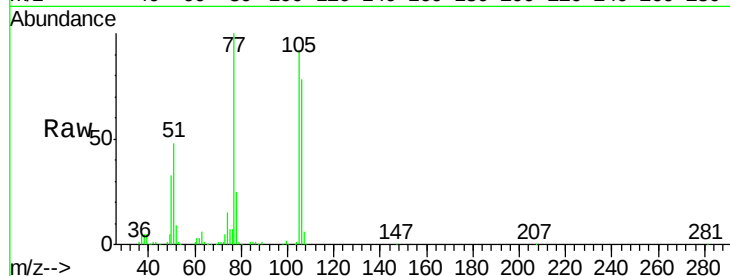
77 100

105 91.8 78.8 118.8

106 77.8 73.7 113.7

Manual Integrations
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7/17/2017 8:13:40 AM



#10

Phenol

Concen: 39.590 ng

RT: 6.67 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

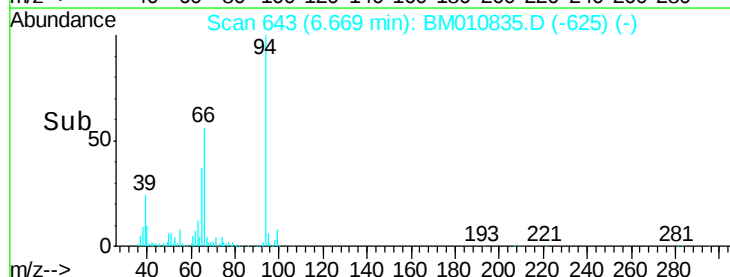
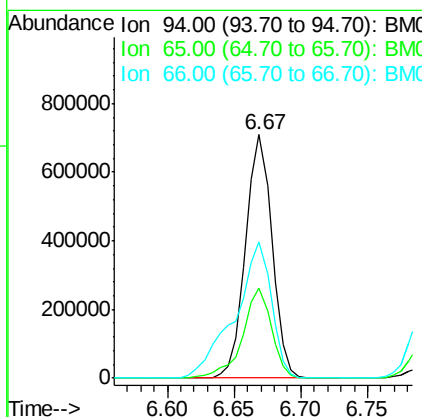
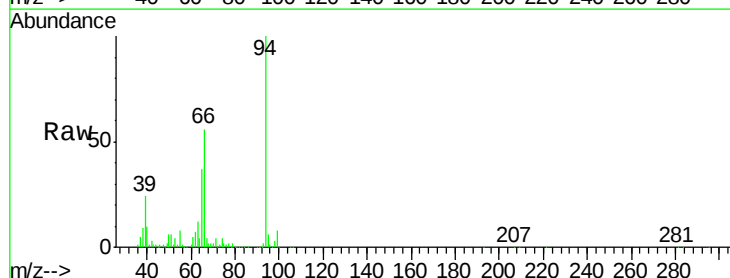
Tgt Ion: 94 Resp: 970003

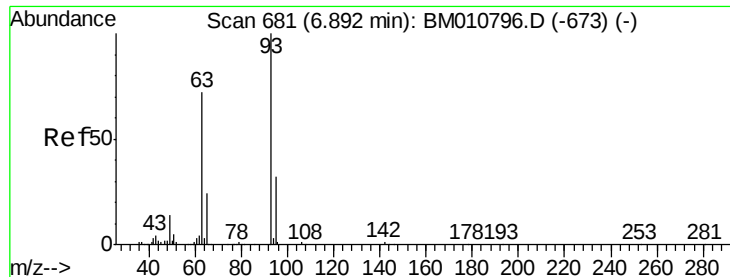
Ion Ratio Lower Upper

94 100

65 37.1 18.8 58.8

66 55.9 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 43.413 ng

RT: 6.89 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

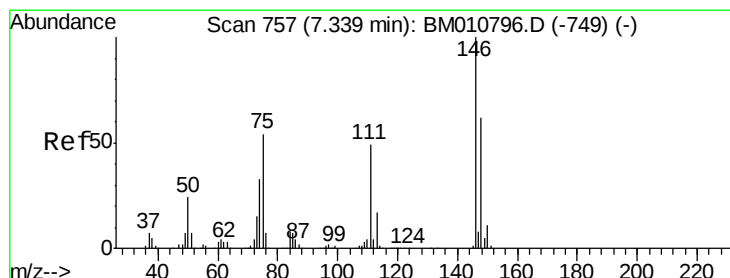
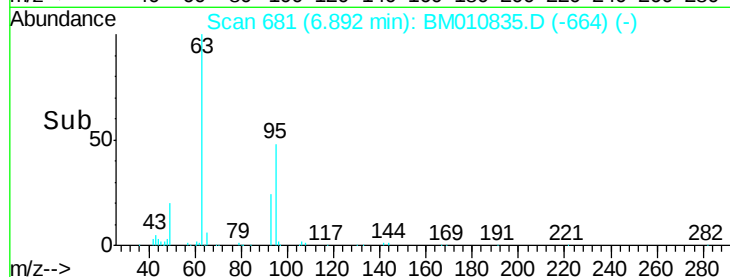
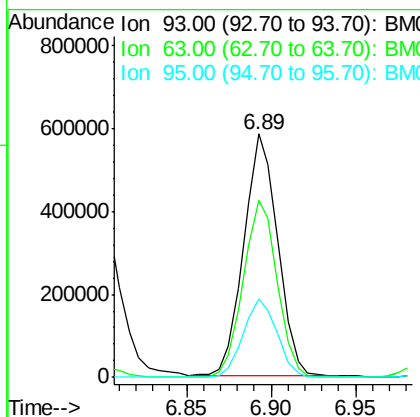
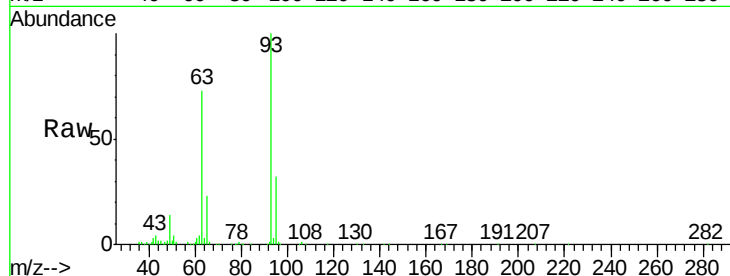
ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion:	93	Resp:	819210
Ion	Ratio	Lower	Upper
93	100		
63	72.5	49.5	89.5
95	32.1	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 41.179 ng

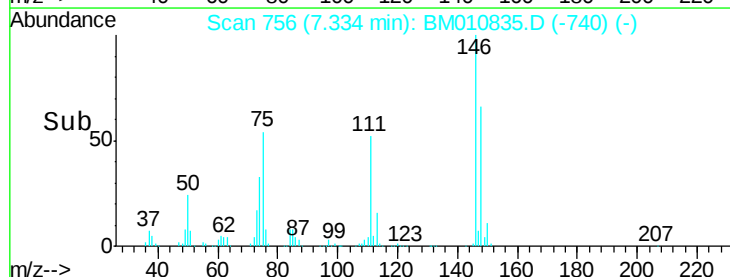
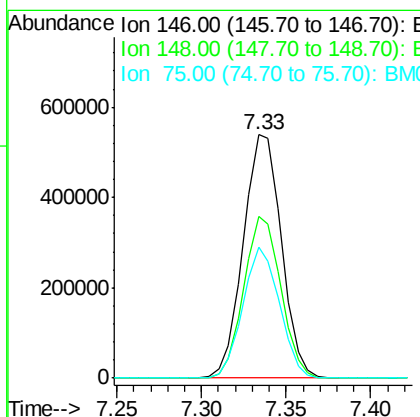
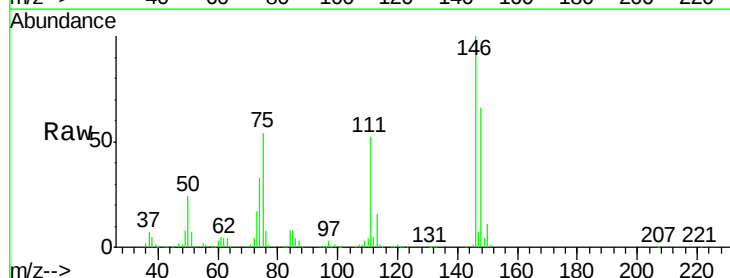
RT: 7.33 min Scan# 756

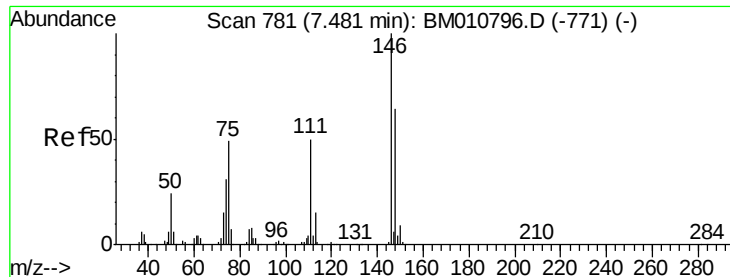
Delta R.T. -0.01 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Tgt Ion:	146	Resp:	846955
Ion	Ratio	Lower	Upper
146	100		
148	66.4	50.9	76.3
75	53.7	21.4	32.2#





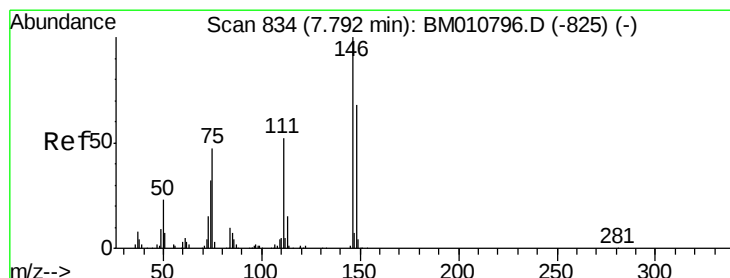
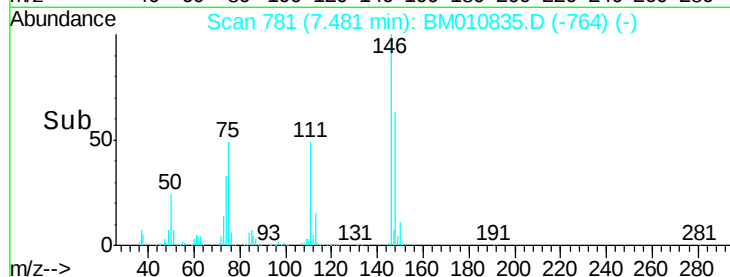
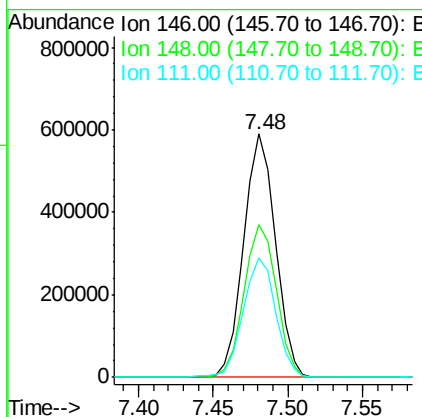
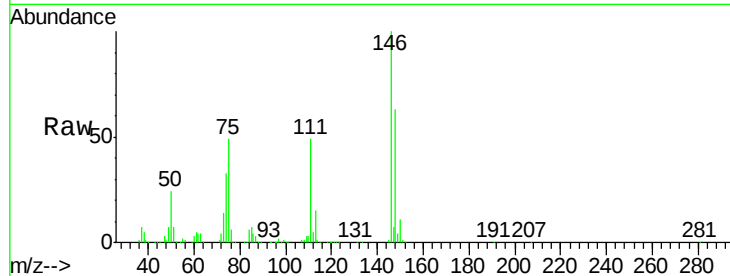
#13
 1,4-Dichlorobenzene
 Concen: 41.004 ng
 RT: 7.48 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	870311		
148	62.9	51.9	77.9	
111	49.3	29.2	43.8	

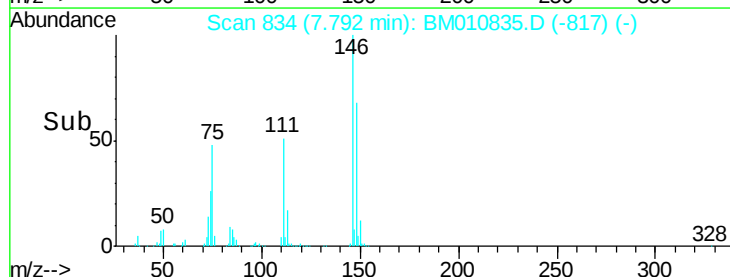
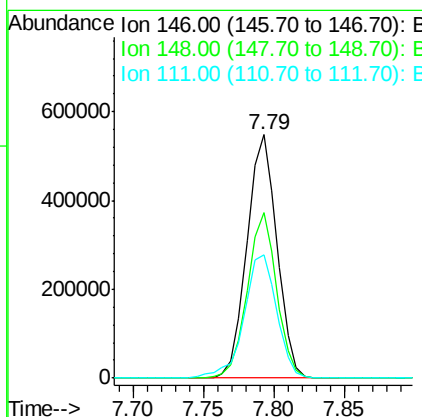
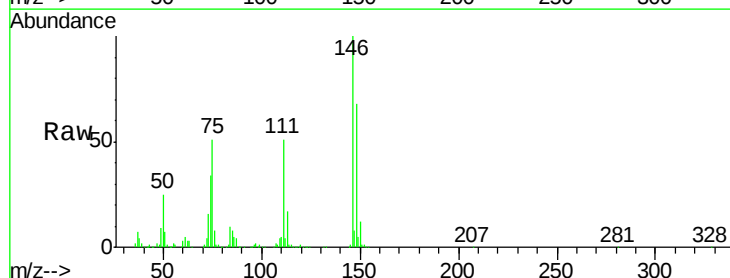
Manual Integrations
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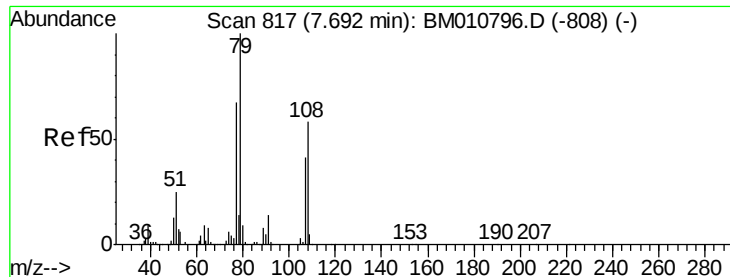
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.451 ng
 RT: 7.79 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	818136		
148	68.2	52.3	78.5	
111	50.7	30.6	45.8	





#15

Benzyl Alcohol

Concen: 46.004 ng

RT: 7.69 min Scan# 817

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion: 79 Resp: 1009473

Ion Ratio Lower Upper

79 100

108 58.7 65.0 97.4#

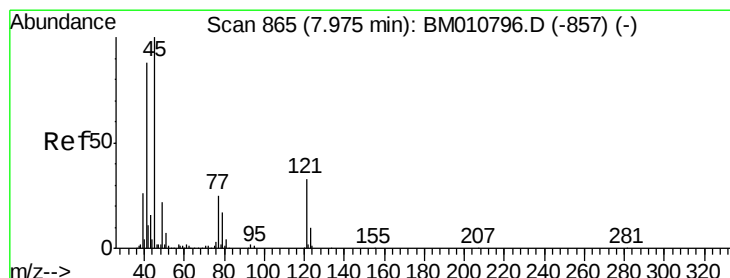
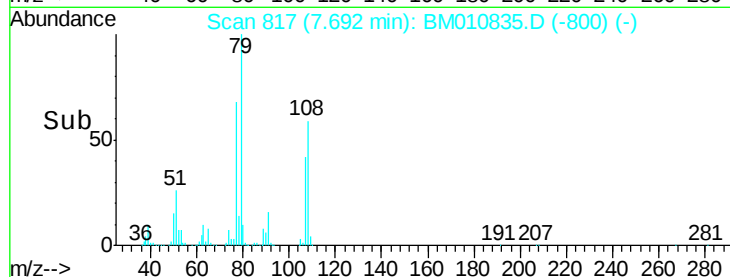
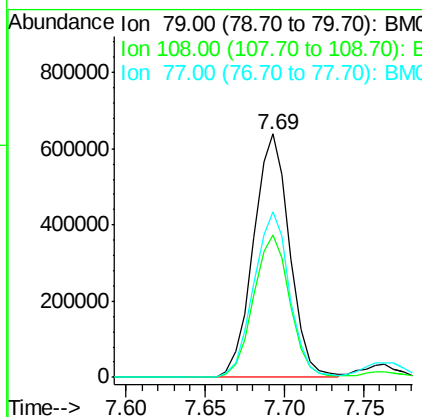
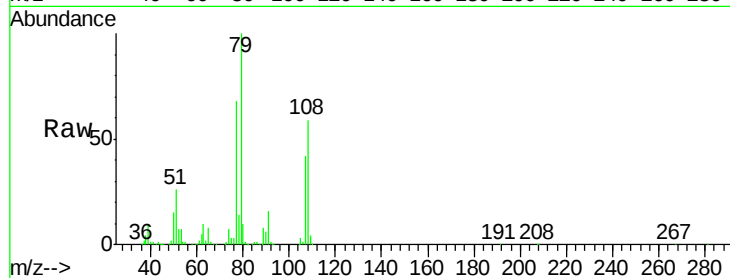
77 68.2 53.0 79.6

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.445 ng

RT: 7.99 min Scan# 867

Delta R.T. 0.01 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

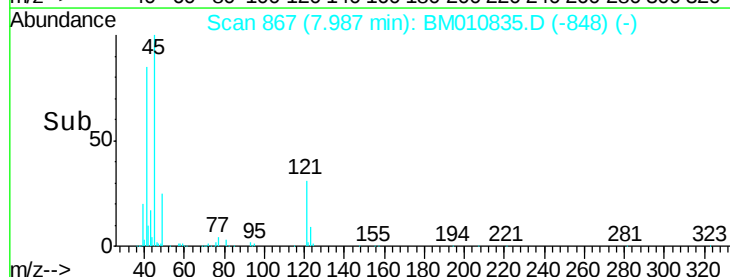
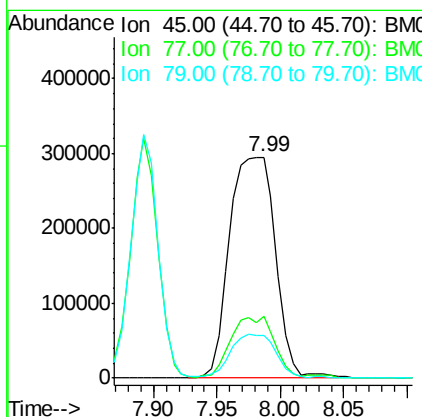
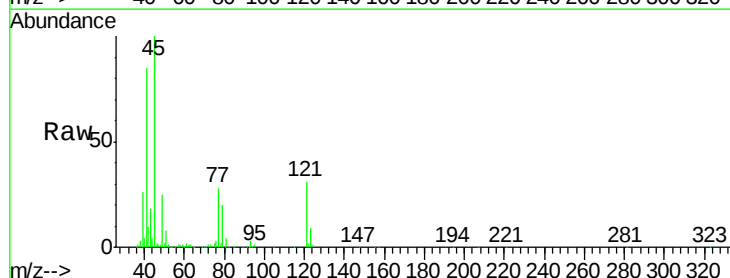
Tgt Ion: 45 Resp: 743492

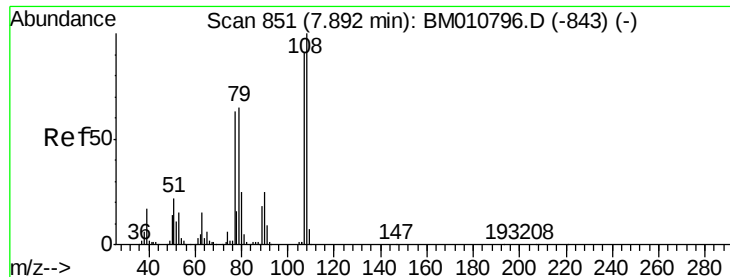
Ion Ratio Lower Upper

45 100

77 27.9 0.0 35.2

79 19.6 0.0 32.0





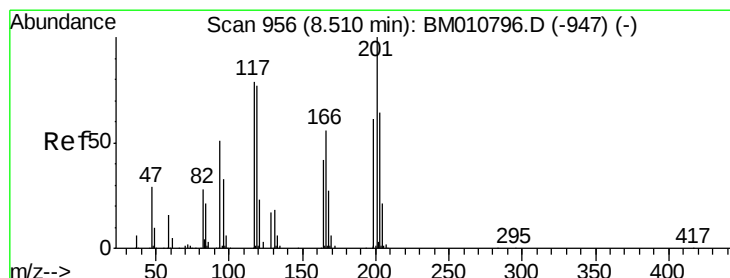
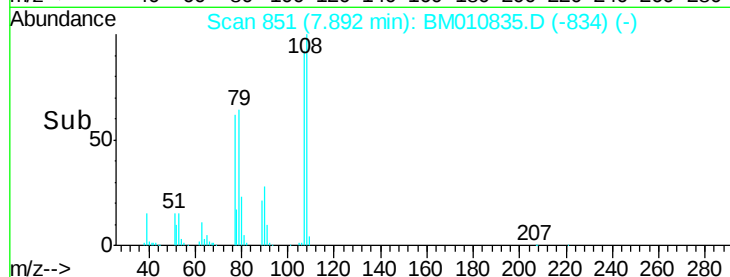
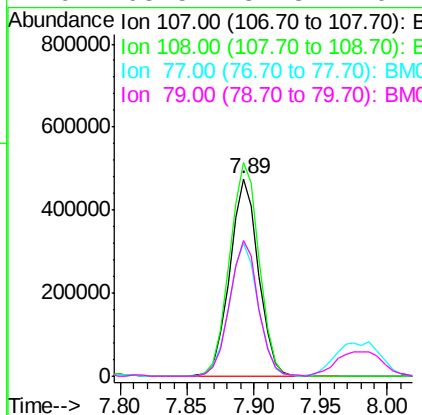
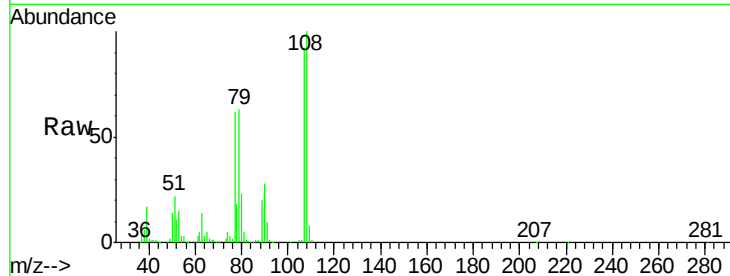
#17
2-Methylphenol
Concen: 44.766 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt	Ion	Resp	Lower	Upper
107	100			
108	108.4	89.8	134.8	
77	67.4	32.6	48.8#	
79	68.5	32.8	49.2#	

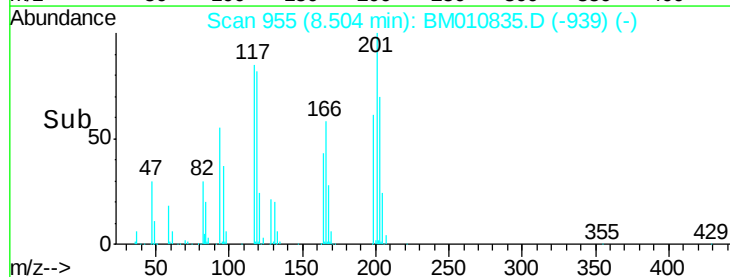
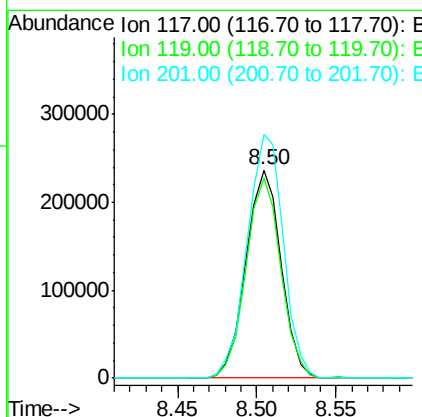
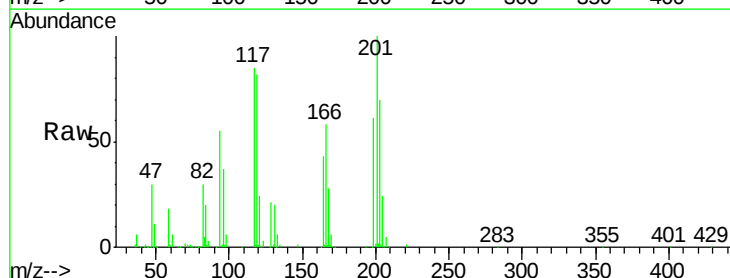
Manual Integrations
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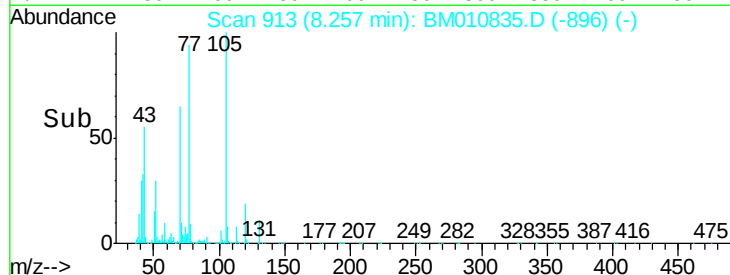
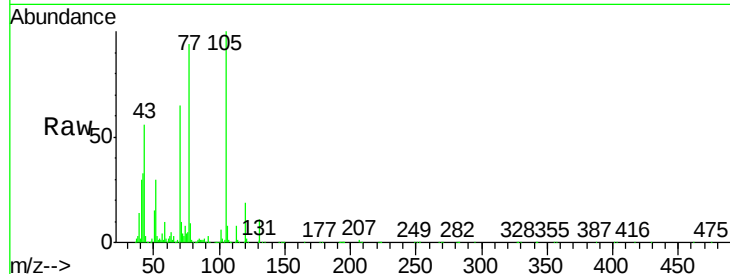
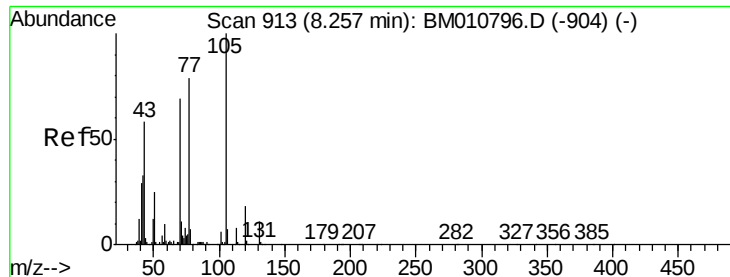
mohammad
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#18
Hexachloroethane
Concen: 41.143 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt	Ion	Resp	Lower	Upper
117	100			
119	96.2	79.2	118.8	
201	117.1	69.8	104.6#	





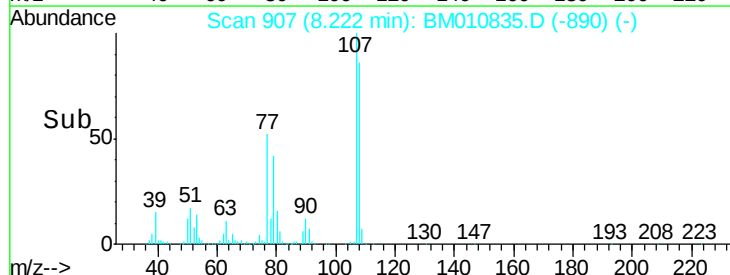
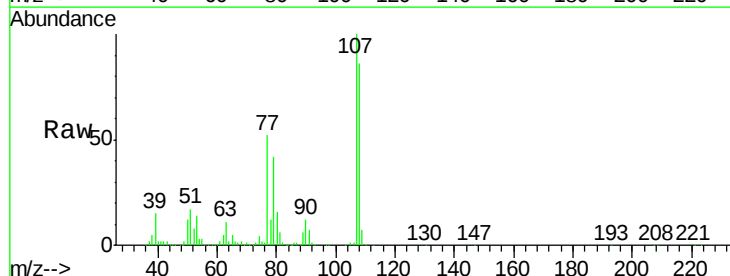
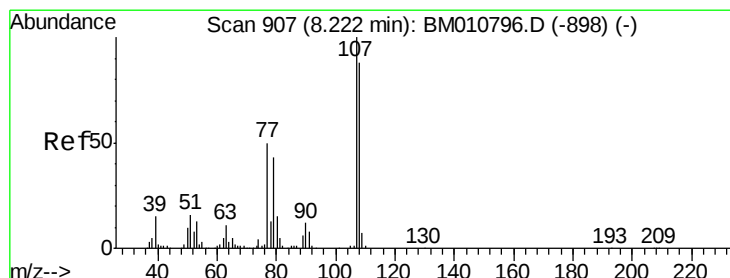
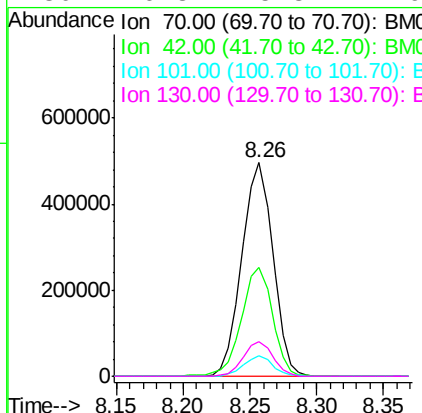
#19
n-Nitroso-di-n-propylamine
Concen: 43.577 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	799922		
42	51.0	44.5	66.7	
101	9.7	7.4	11.2	
130	16.3	15.3	22.9	

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

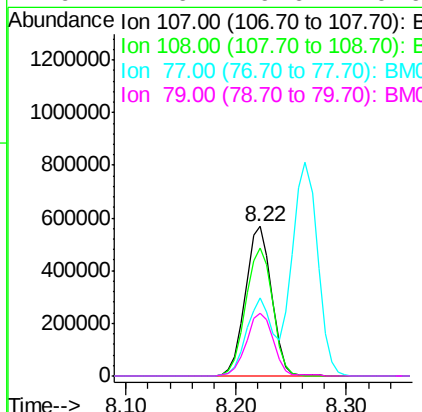
Manual Integrations
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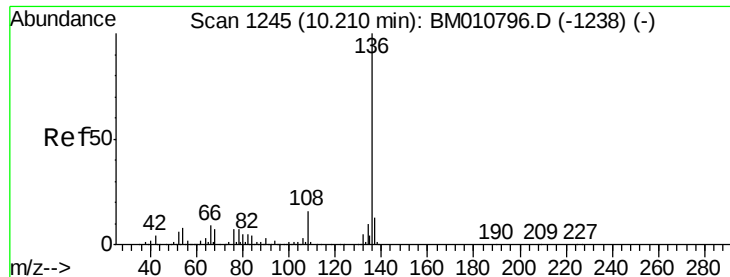
mohammad
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#20
3+4-Methylphenols
Concen: 43.435 ng
RT: 8.22 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	956228		
108	86.0	73.2	113.2	
77	52.0	10.7	50.7#	
79	41.6	9.6	49.6	





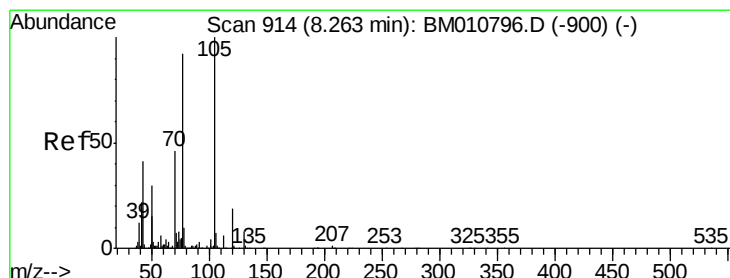
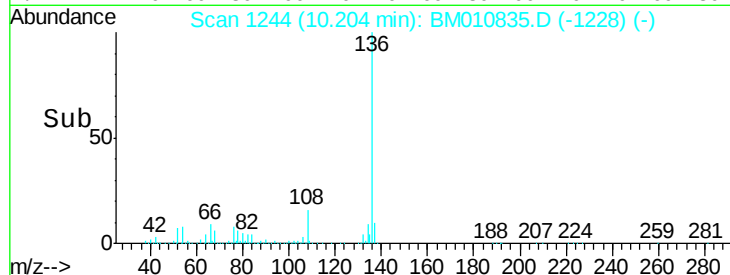
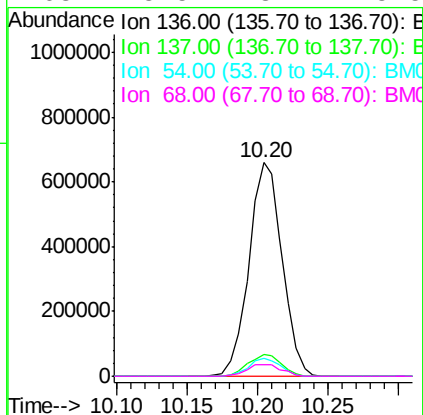
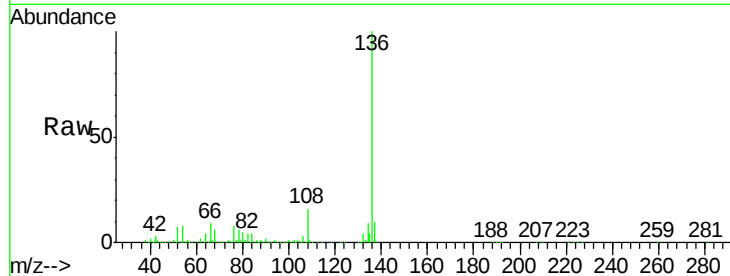
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	8.3	4.6	6.8#
68	5.5	3.7	5.5

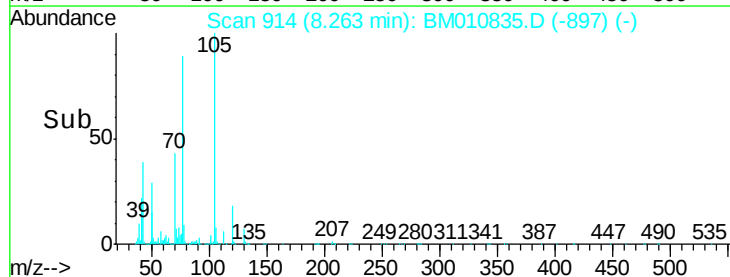
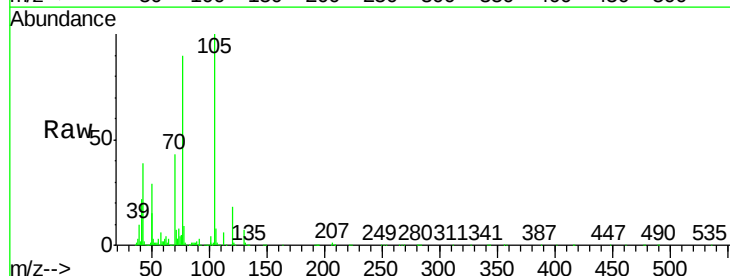
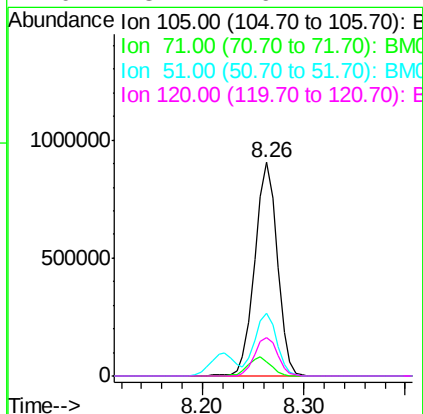
Manual Integrations
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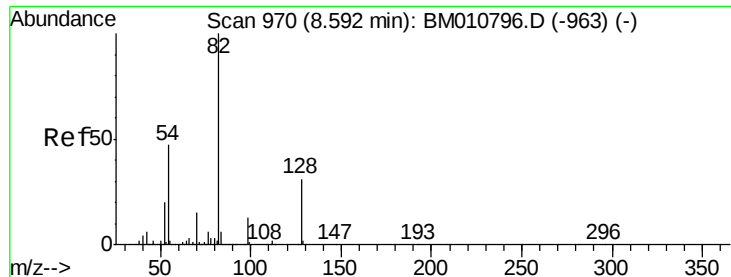
mohammad
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#22
Acetophenone
Concen: 43.315 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.8	0.6	1.0#
51	29.4	21.6	32.4
120	18.1	16.1	24.1





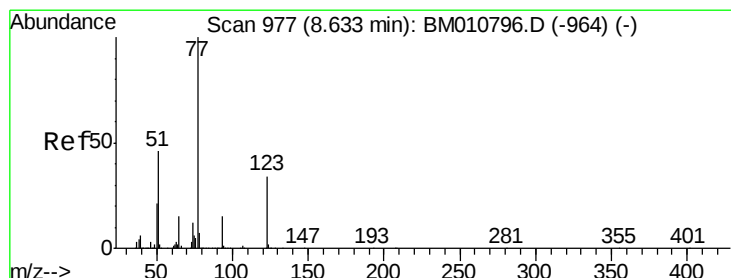
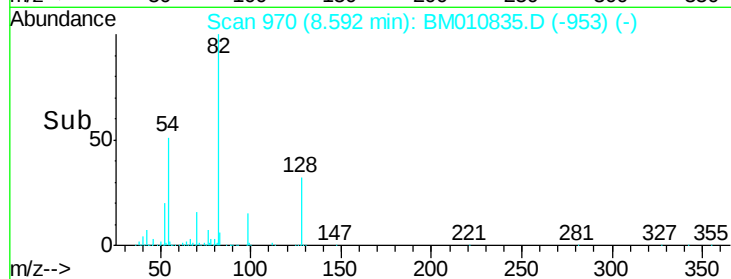
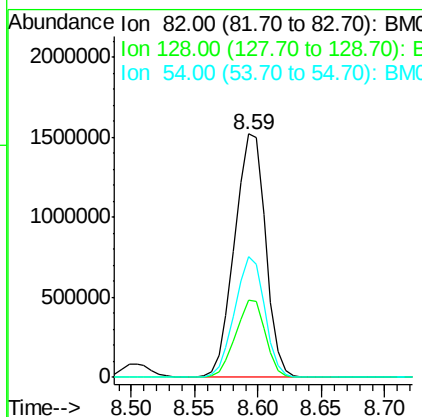
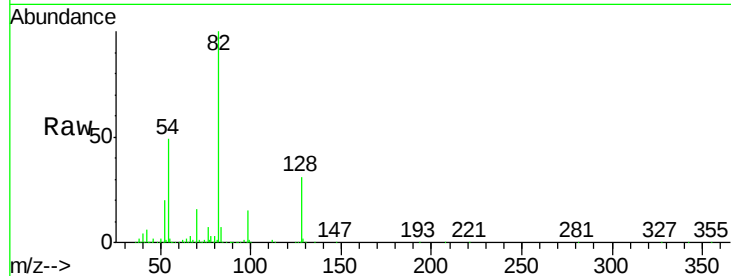
#23
Nitrobenzene-d5
Concen: 91.438 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion: 82 Resp: 2580741
Ion Ratio Lower Upper
82 100
128 31.5 32.8 49.2#
54 49.3 40.6 60.8

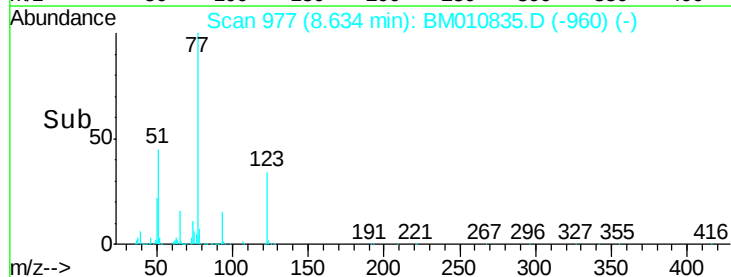
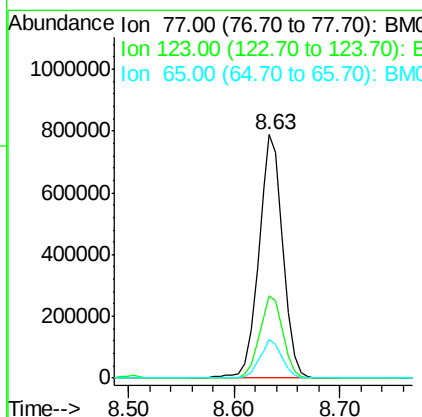
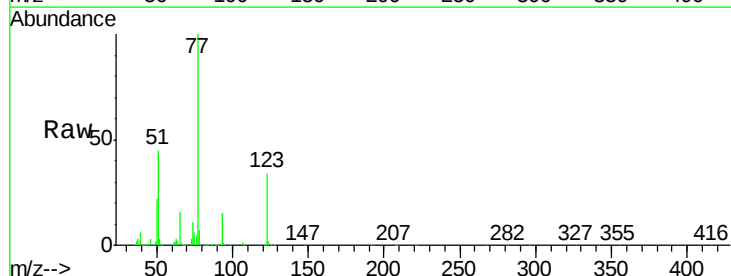
Manual Integrations
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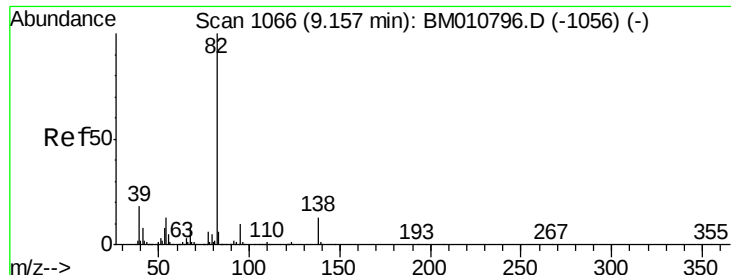
mohammad
7/17/2017 8:13:40 AM



#24
Nitrobenzene
Concen: 42.880 ng
RT: 8.63 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion: 77 Resp: 1240301
Ion Ratio Lower Upper
77 100
123 34.1 32.6 49.0
65 15.9 10.9 16.3





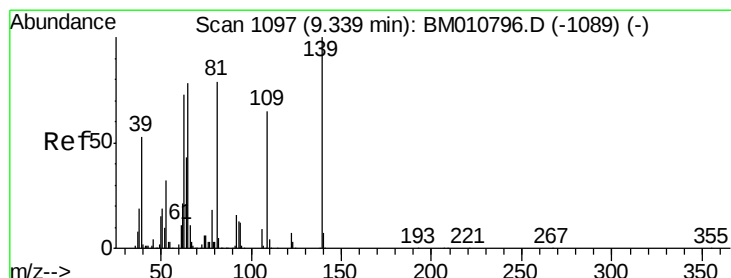
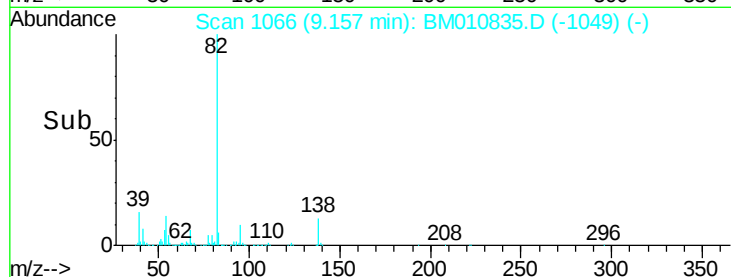
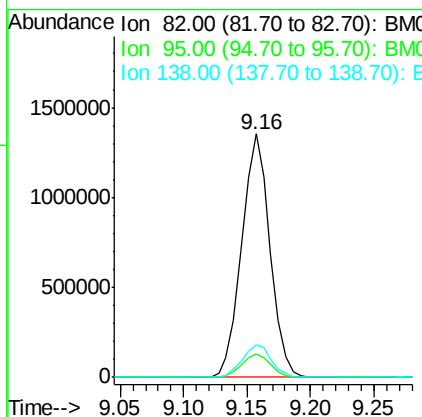
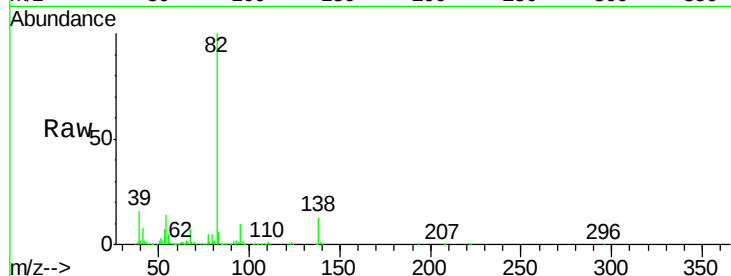
#25
Isophorone
Concen: 45.022 ng
RT: 9.16 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion: 82 Resp: 2081682
Ion Ratio Lower Upper
82 100
95 9.8 5.8 8.6#
138 13.2 16.3 24.5#

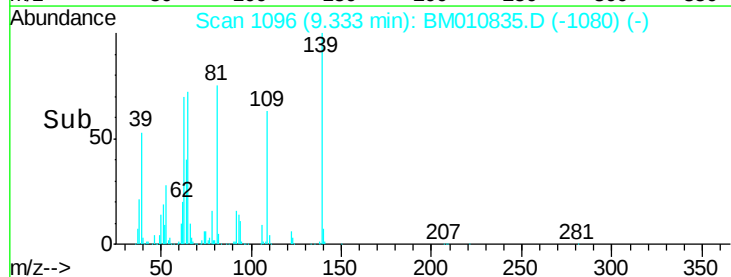
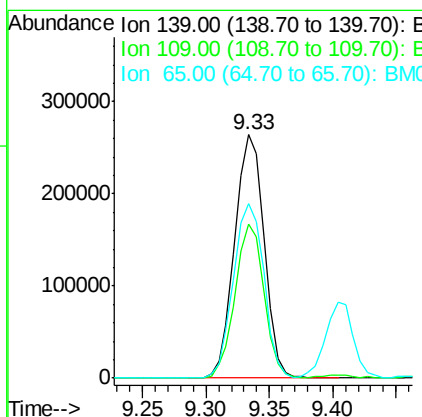
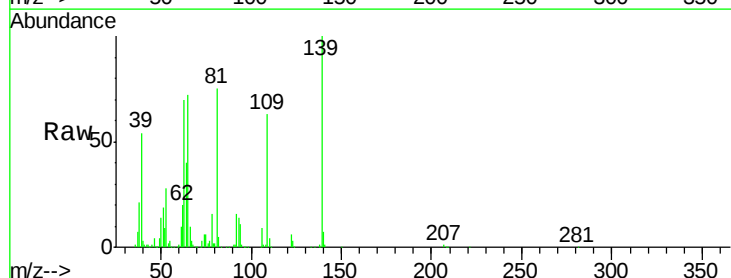
Manual Integrations
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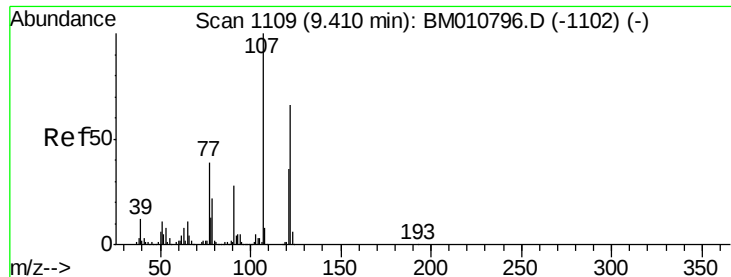
mohammad
7/17/2017 8:13:40 AM



#26
2-Nitrophenol
Concen: 44.187 ng
RT: 9.33 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion: 139 Resp: 425299
Ion Ratio Lower Upper
139 100
109 63.3 20.1 30.1#
65 71.6 31.5 47.3#





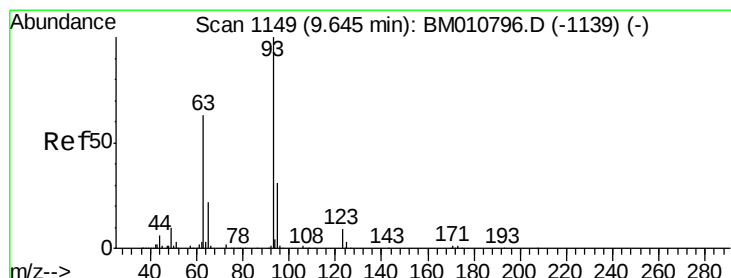
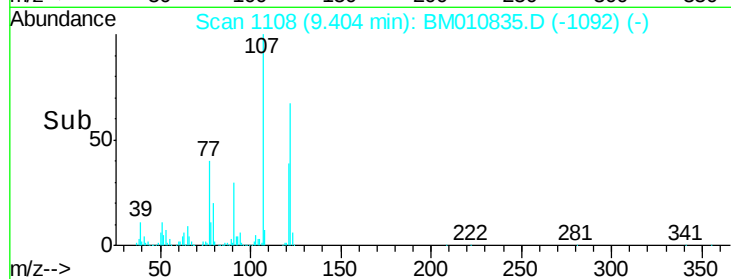
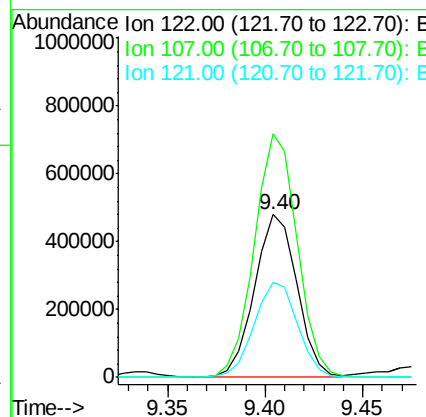
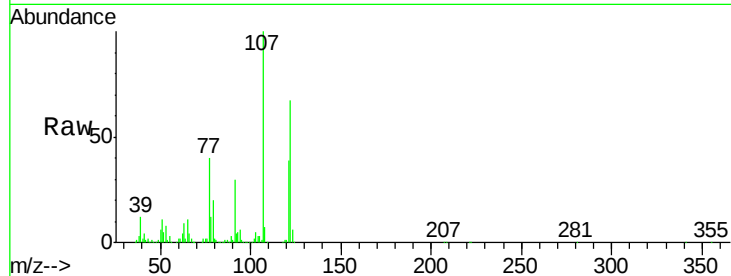
#27
2,4-Dimethylphenol
Concen: 42.009 ng
RT: 9.40 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	721656		
107	149.5	84.7	127.1#	
121	58.5	46.6	69.8	

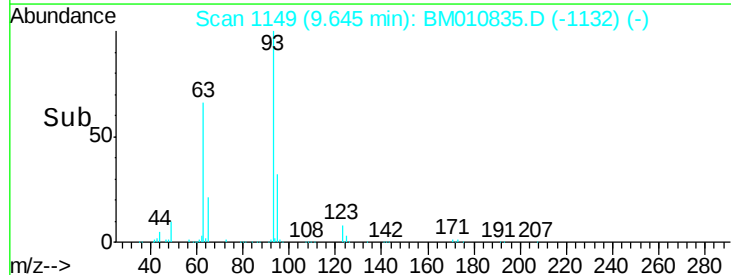
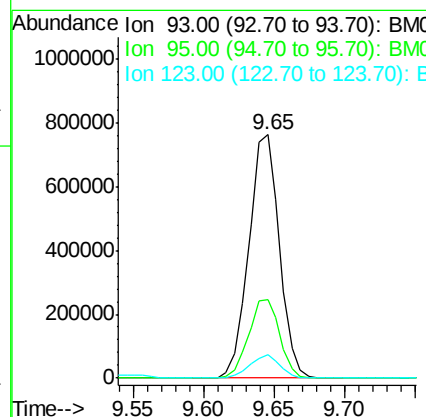
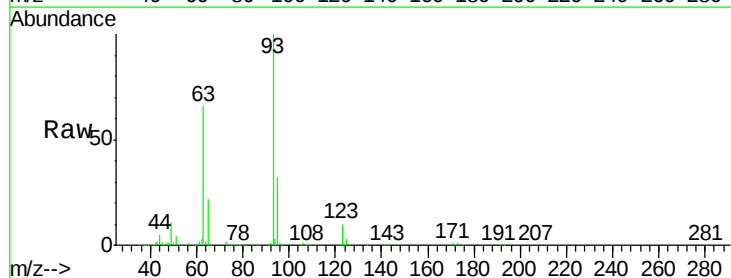
Manual Integrations
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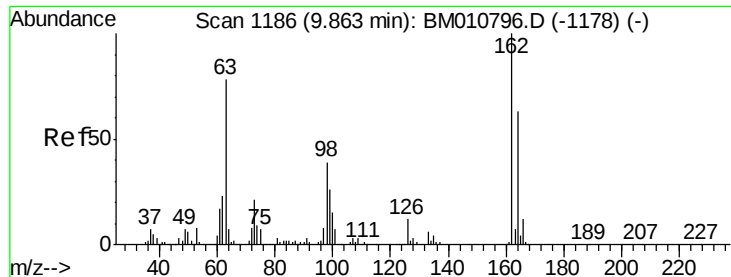
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.622 ng
RT: 9.65 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1156580		
95	32.5	25.5	38.3	
123	9.5	8.6	13.0	





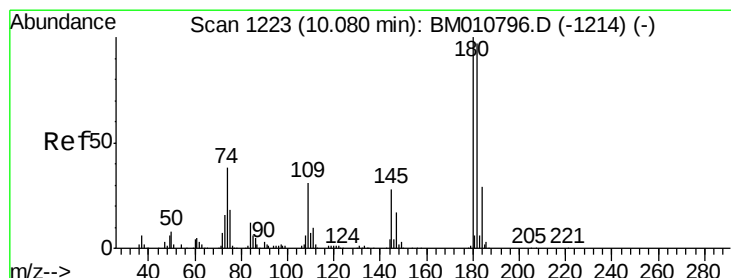
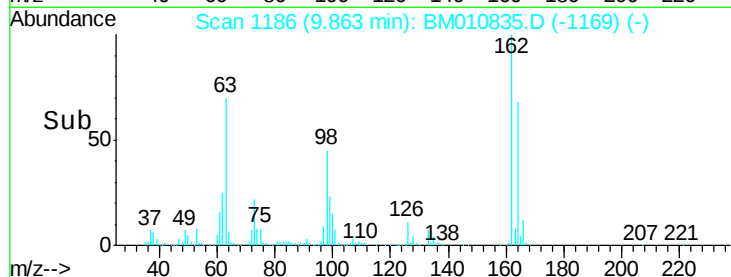
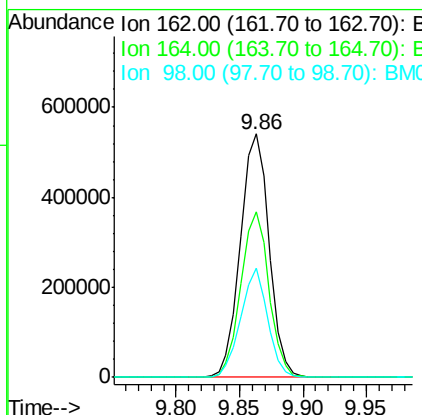
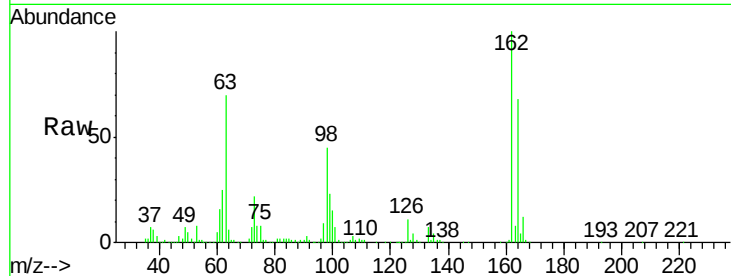
#29
 2,4-Dichlorophenol
 Concen: 43.976 ng
 RT: 9.86 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	853372		
164	68.2	42.8	82.8	
98	44.9	14.5	54.5	

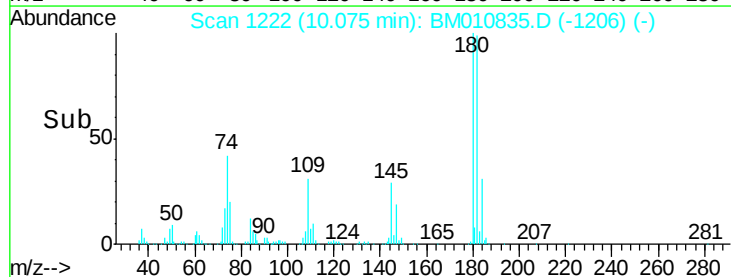
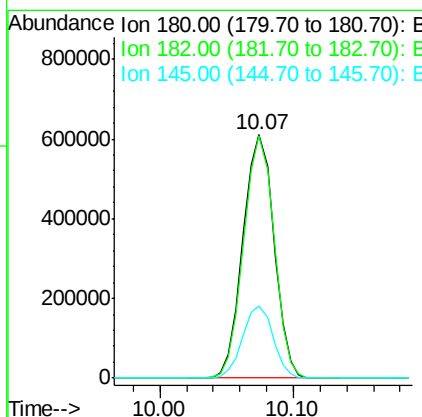
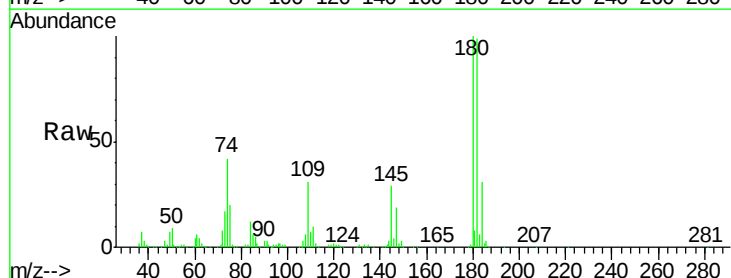
Manual Integrations
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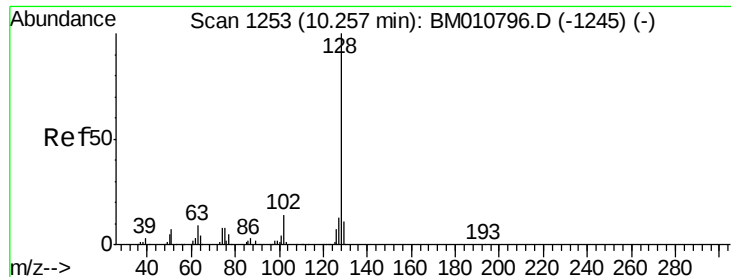
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.427 ng
 RT: 10.07 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	982795		
182	99.4	77.6	116.4	
145	29.4	23.4	35.2	





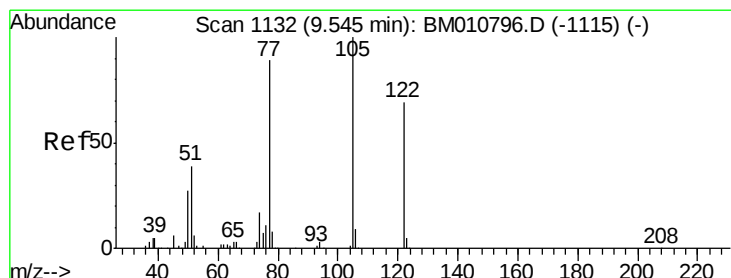
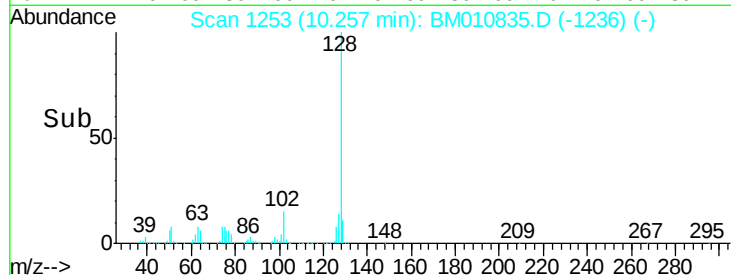
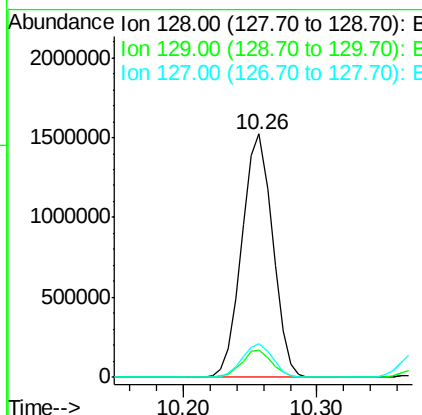
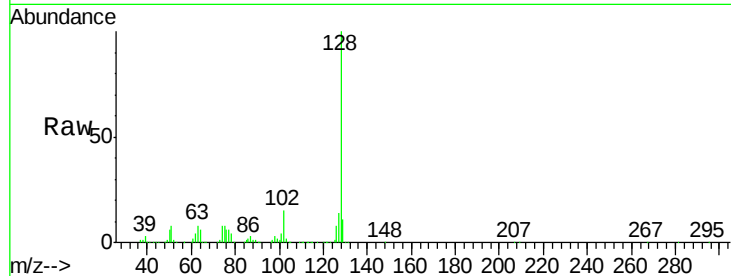
#31
Naphthalene
Concen: 43.979 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion:128 Resp: 2425956
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 14.0 10.4 15.6

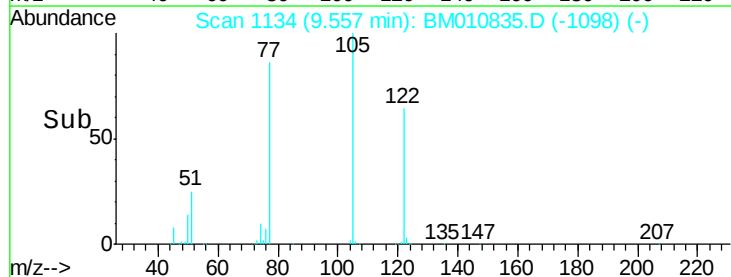
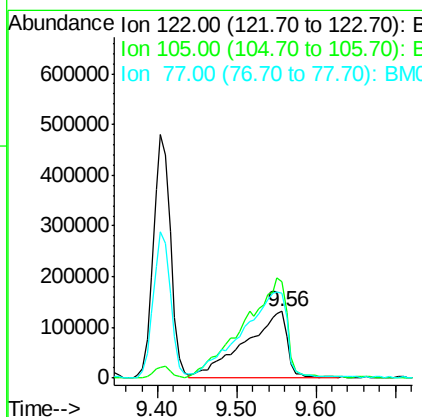
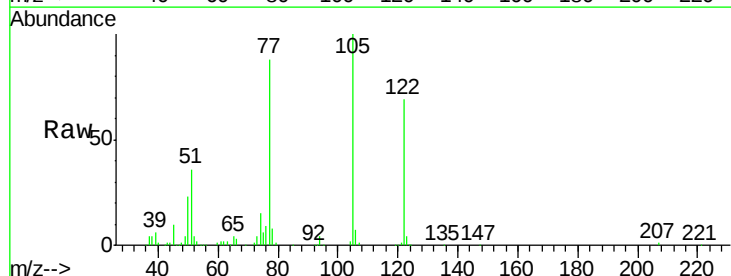
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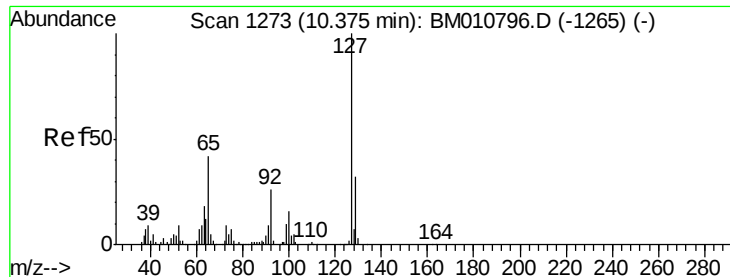
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#32
Benzoic acid
Concen: 35.908 ng
RT: 9.56 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion:122 Resp: 483991
Ion Ratio Lower Upper
122 100
105 145.0 99.9 139.9#
77 126.9 73.7 113.7#





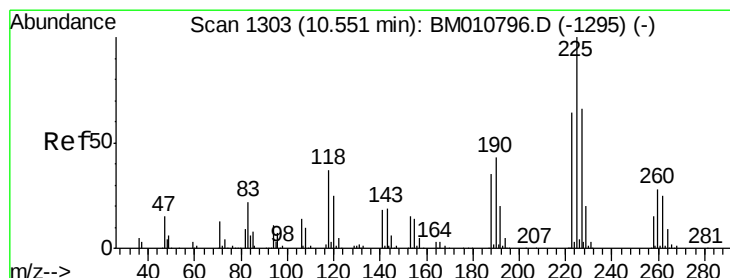
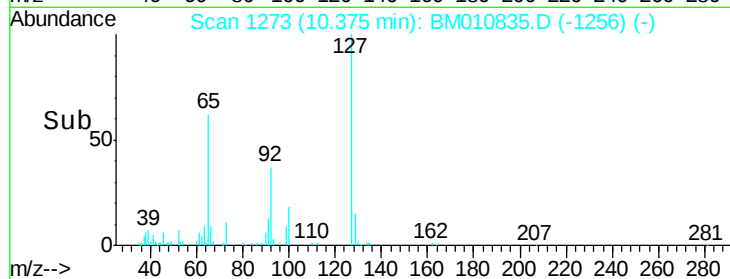
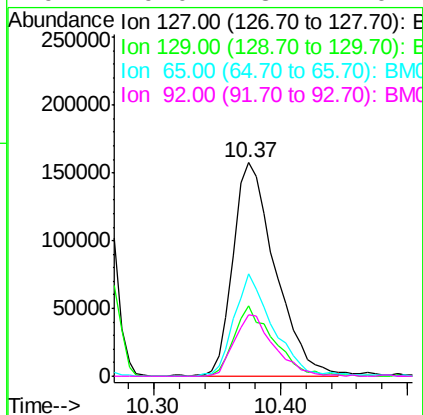
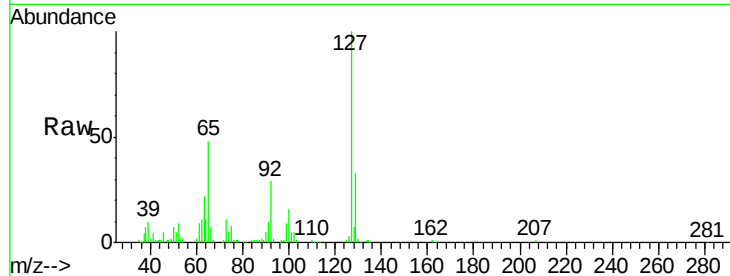
#33
4-Chloroaniline
Concen: 16.353 ng
RT: 10.37 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	25.3	37.9	
65	48.0	17.6	26.4	
92	29.0	13.1	19.7	

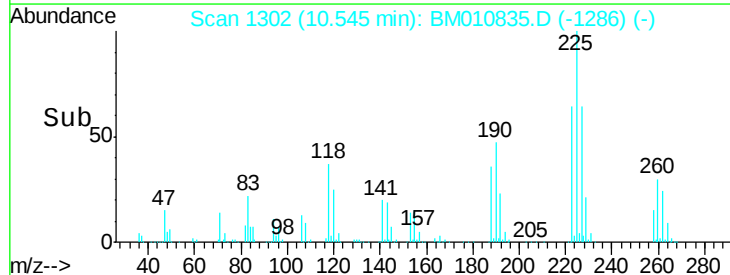
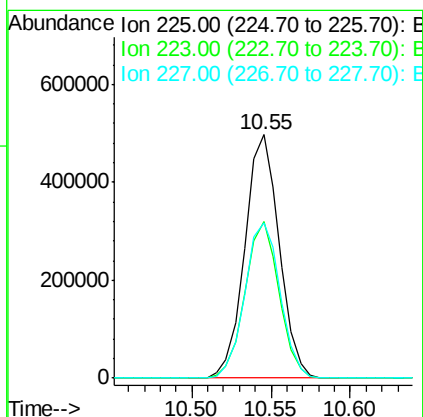
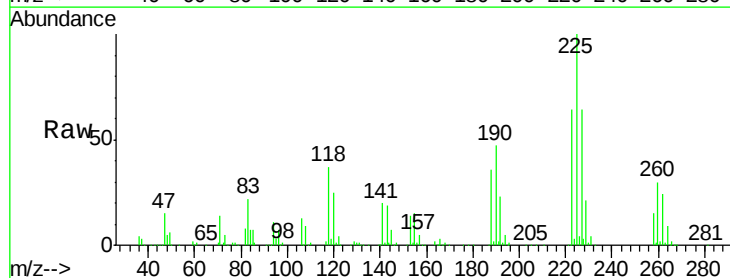
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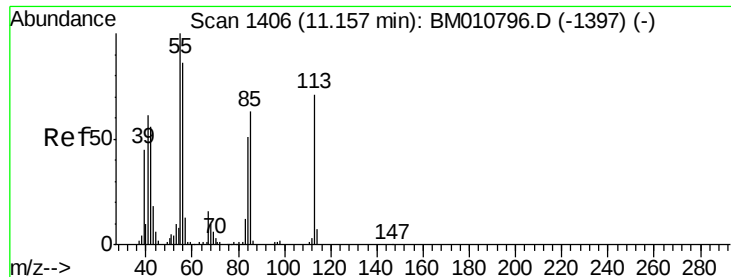
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#34
Hexachlorobutadiene
Concen: 40.658 ng
RT: 10.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.4	47.9	71.9	
227	63.9	50.1	75.1	





#35

Caprolactam

Concen: 34.891 ng m

RT: 11.16 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion:113 Resp: 180261
Ion Ratio Lower Upper

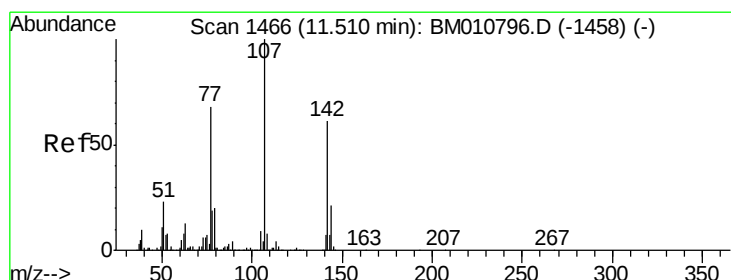
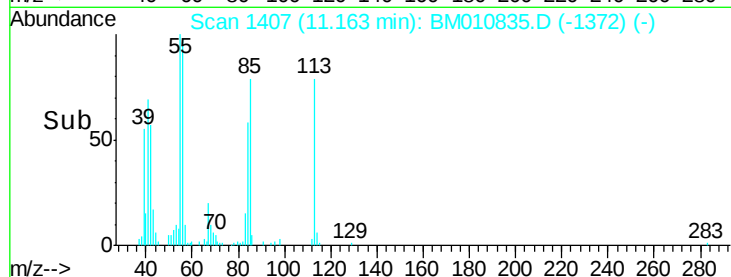
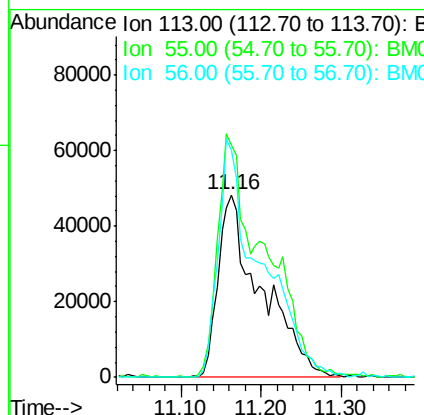
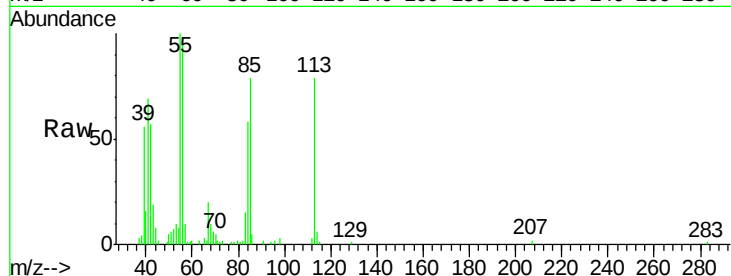
113 100

55 126.8 145.9 185.9#

56 124.0 101.0 141.0

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#36

4-Chloro-3-methylphenol

Concen: 42.266 ng

RT: 11.51 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BM010835.D

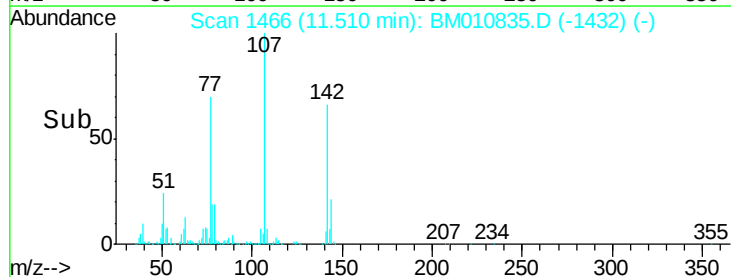
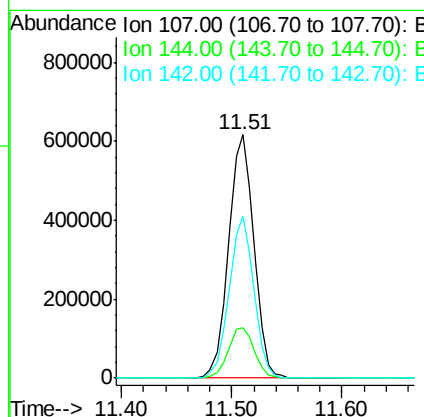
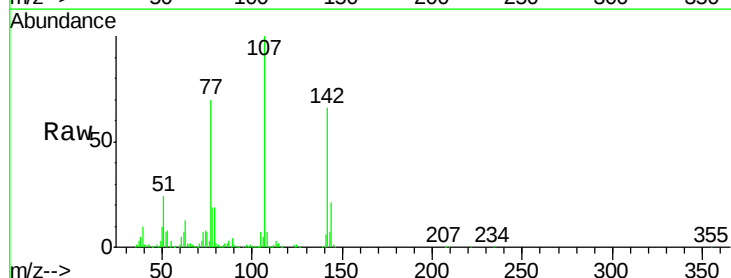
Acq: 14 Jul 2017 04:46

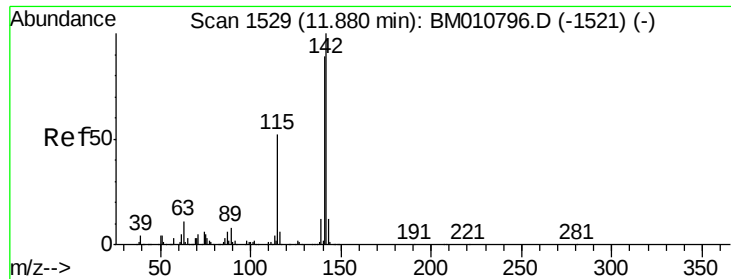
Tgt Ion:107 Resp: 992120
Ion Ratio Lower Upper

107 100

144 20.5 23.3 34.9#

142 66.4 72.6 109.0#





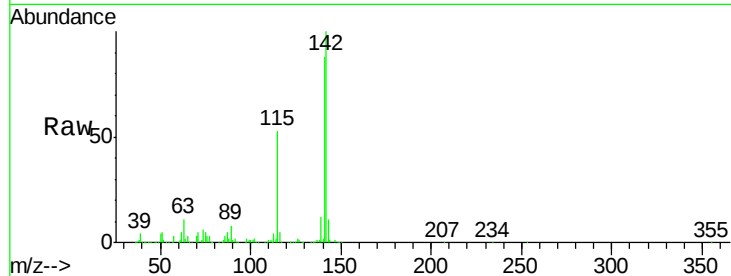
#37
2-Methylnaphthalene
Concen: 46.884 ng
RT: 11.88 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

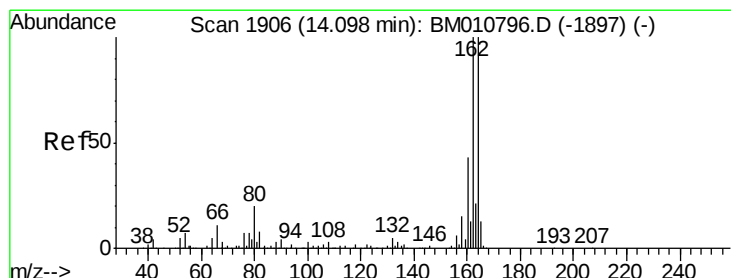
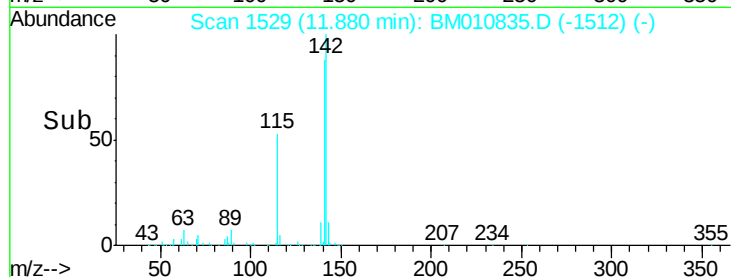
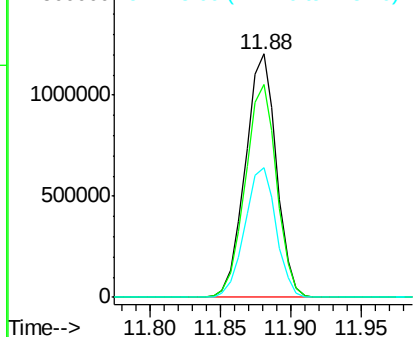
Tgt Ion:142 Resp: 1857550
Ion Ratio Lower Upper
142 100
141 87.6 71.9 107.9
115 53.3 25.4 38.0#

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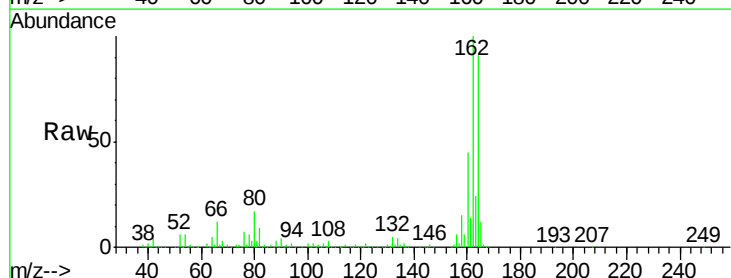


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

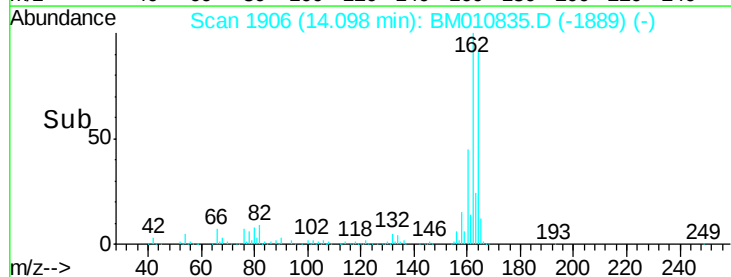
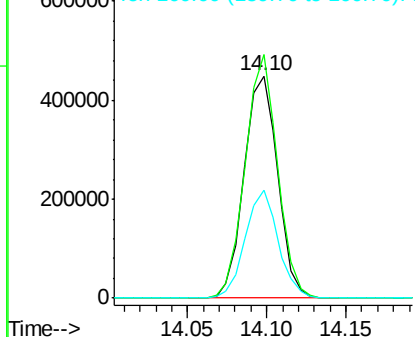


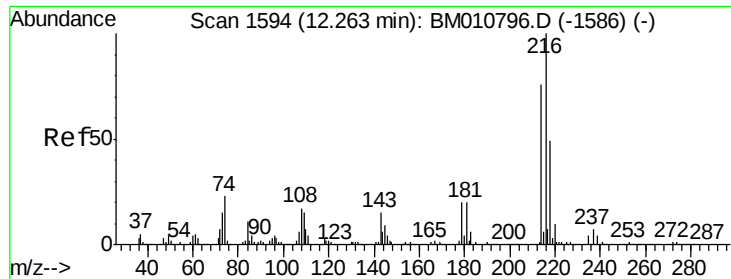
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.10 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion:164 Resp: 660434
Ion Ratio Lower Upper
164 100
162 109.6 82.4 123.6
160 48.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





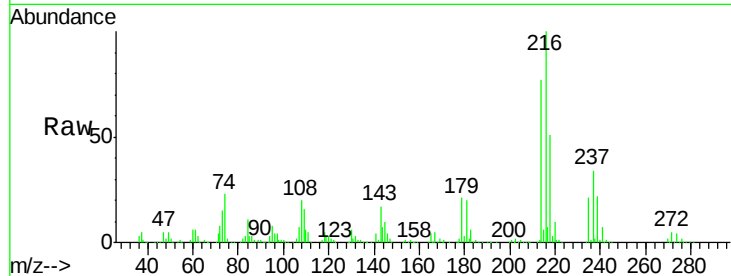
#39
1,2,4,5-Tetrachlorobenzene
Concen: 44.602 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	0.0	0.0#
179	20.4	0.0	0.0#
108	23.9	0.0	0.0#

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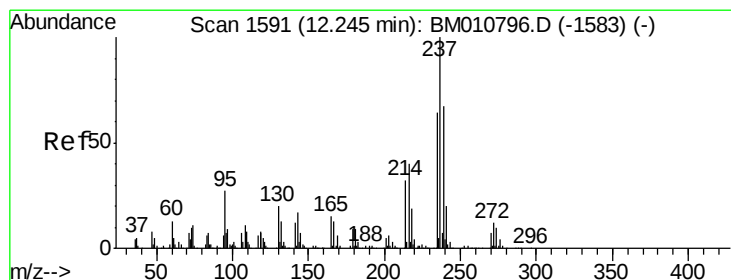
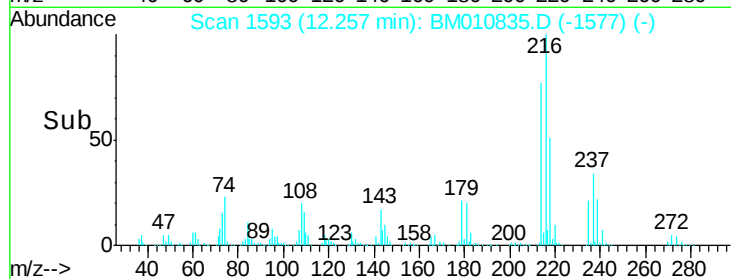
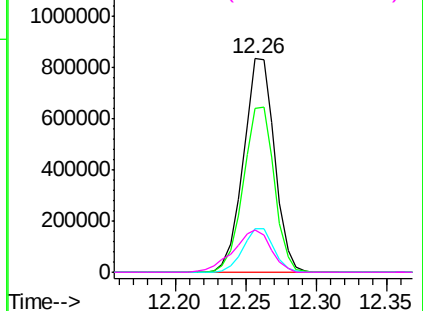
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
Hexachlorocyclopentadiene
Concen: 106.382 ng
RT: 12.24 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

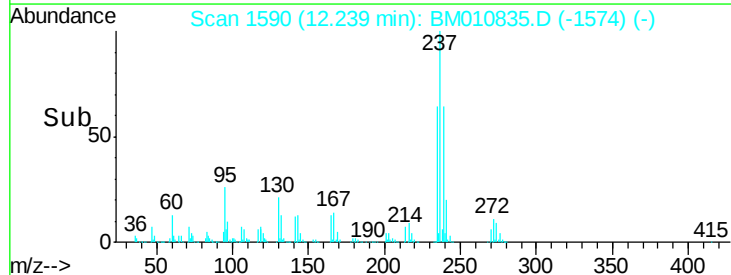
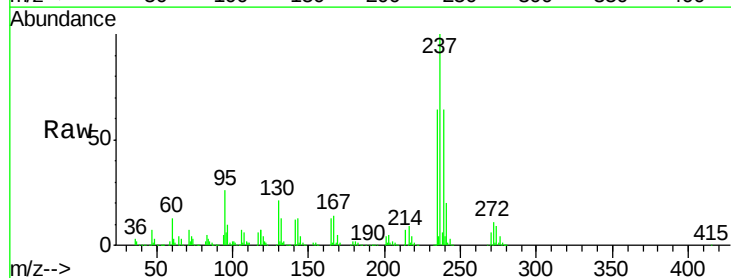
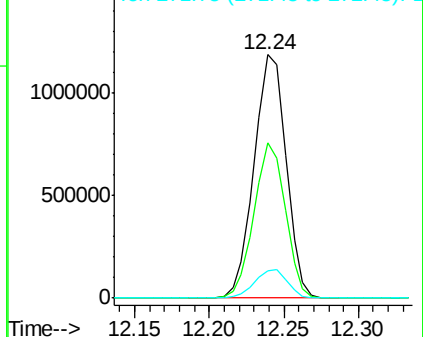
Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.0	82.0
272	11.0	0.0	33.4

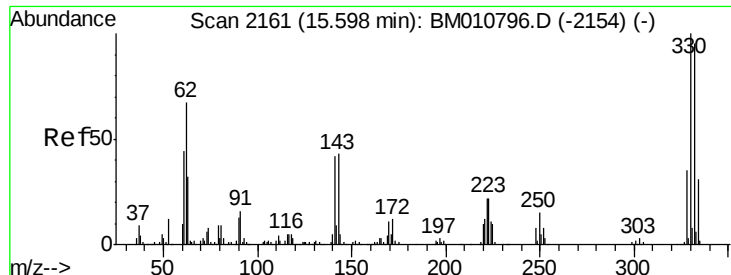
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





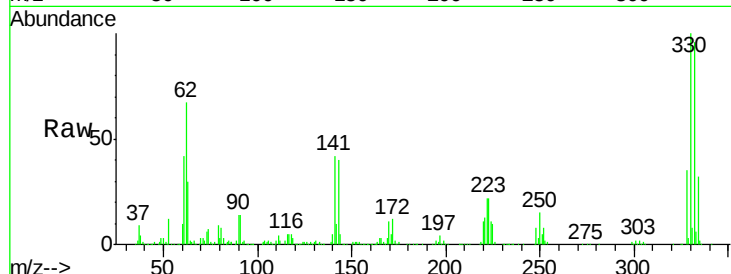
#41
 2,4,6-Tribromophenol
 Concen: 148.174 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

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

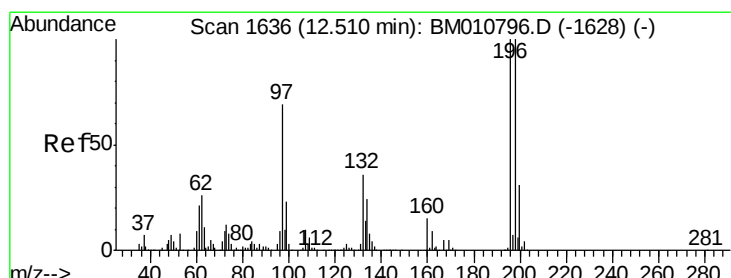
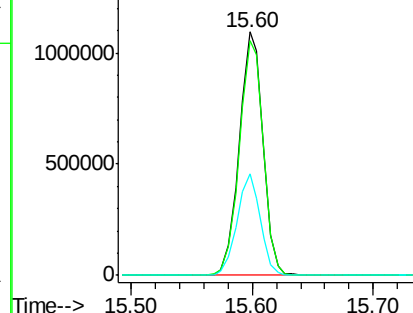
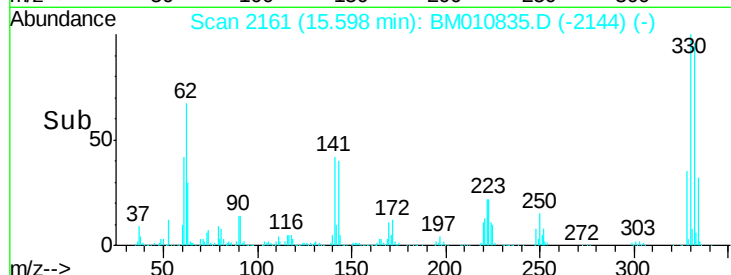
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	1495471		
332	97.1	0.0	0.0	0.0
141	41.0	0.0	0.0	0.0

Manual Integrations
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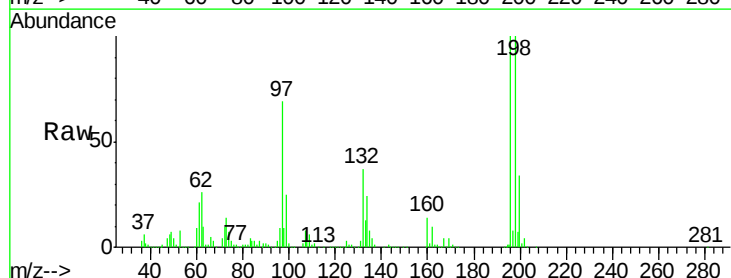


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

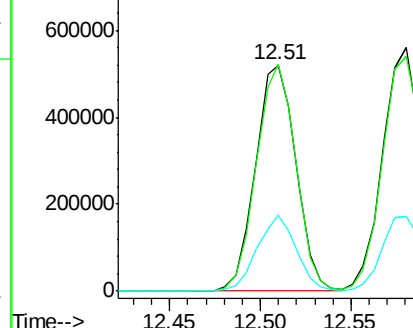
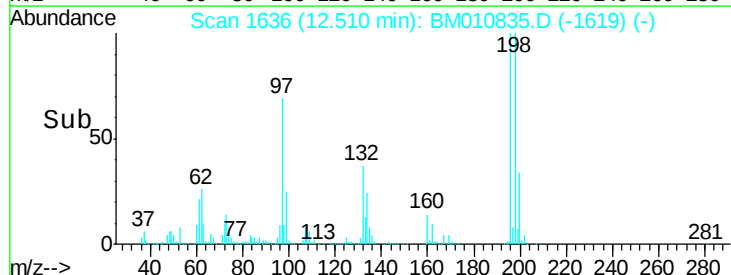


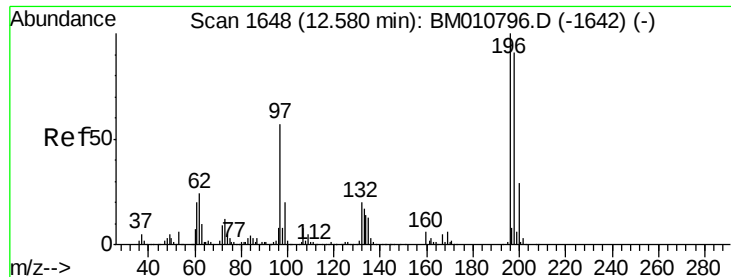
#42
 2,4,6-Trichlorophenol
 Concen: 45.414 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	805025		
198	100.1	76.3	114.5	
200	33.7	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





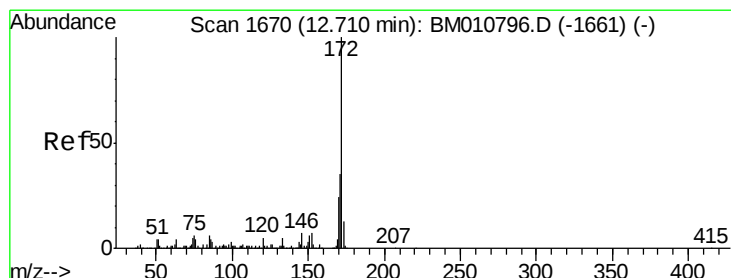
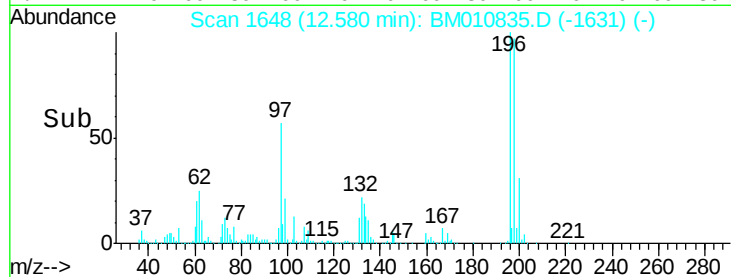
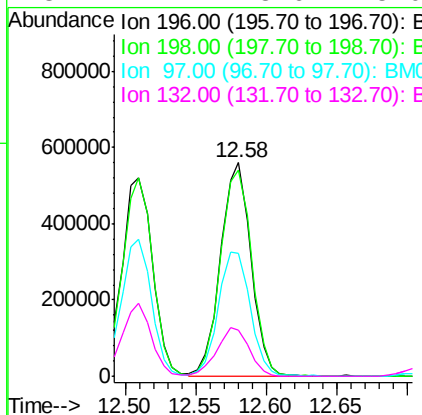
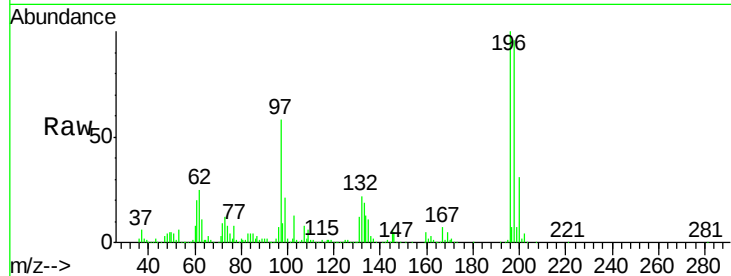
#43
 2,4,5-Trichlorophenol
 Concen: 47.827 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

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

Tgt Ion:	196	Resp:	837020
Ion Ratio	Lower	Upper	
196	100		
198	96.4	79.4	119.0
97	57.6	26.8	40.2#
132	21.7	18.6	28.0

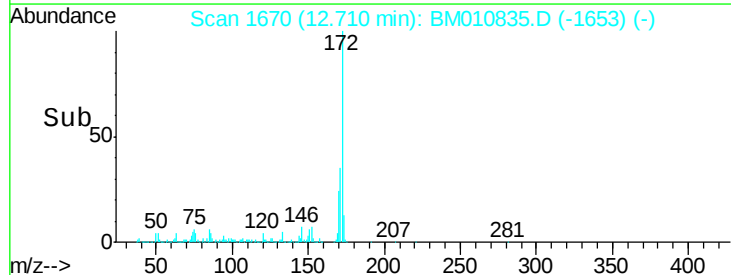
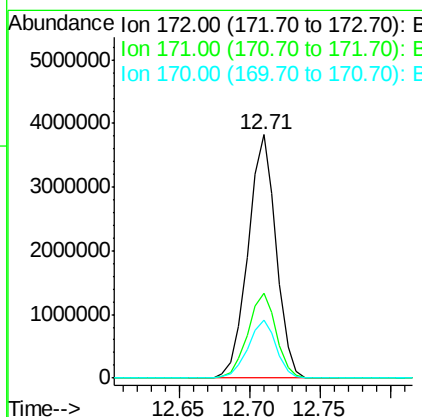
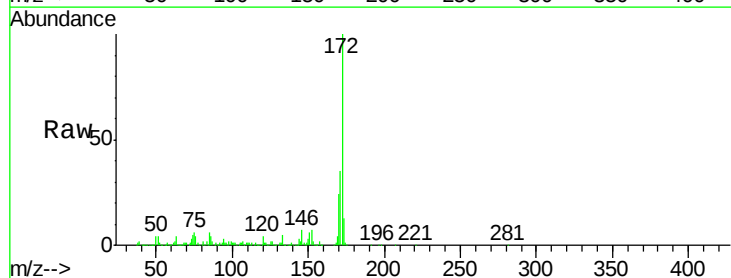
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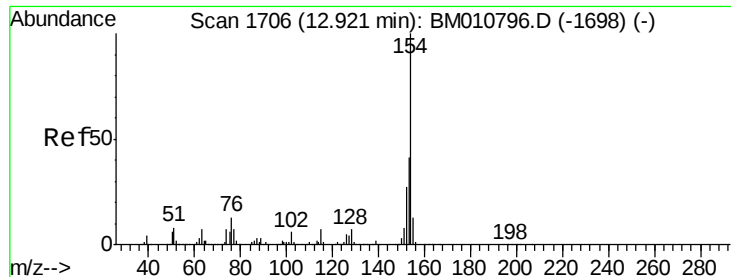
mohammad
 7/17/2017 8:13:40 AM



#44
 2-Fluorobiphenyl
 Concen: 100.062 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

Tgt Ion:	172	Resp:	5312130
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.5	42.7
170	23.6	18.8	28.2





#45

1,1'-Biphenyl

Concen: 43.667 ng

RT: 12.92 min Scan# 1706

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion:154 Resp: 2512468

Ion Ratio Lower Upper

154 100

153 39.2 20.7 60.7

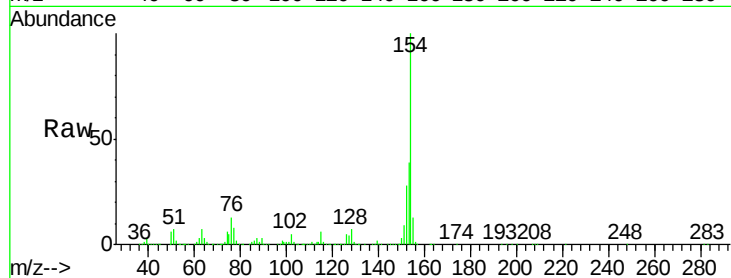
76 13.2 0.0 30.9

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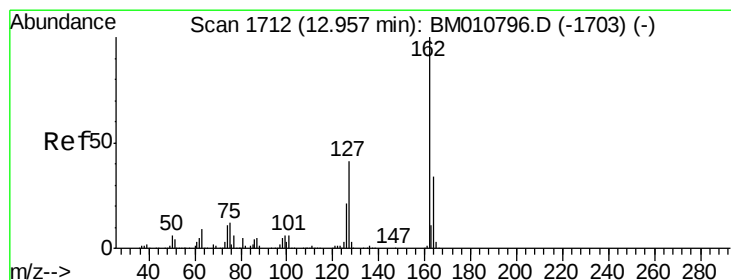
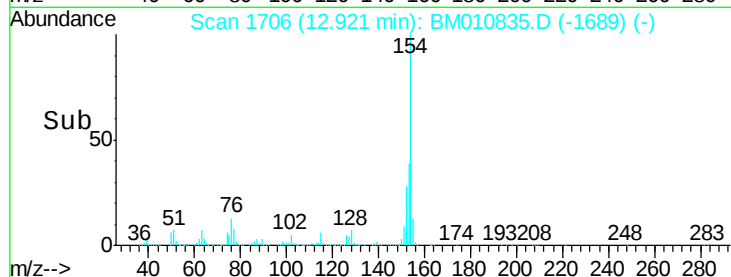
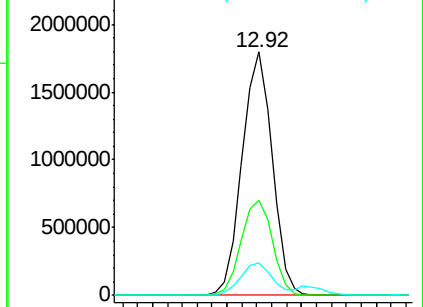
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 46.965 ng

RT: 12.96 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

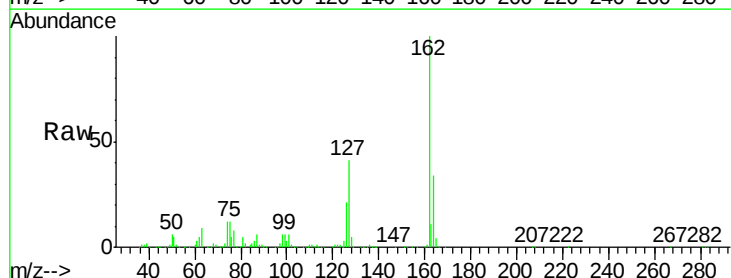
Tgt Ion:162 Resp: 1981393

Ion Ratio Lower Upper

162 100

127 40.8 26.9 40.3#

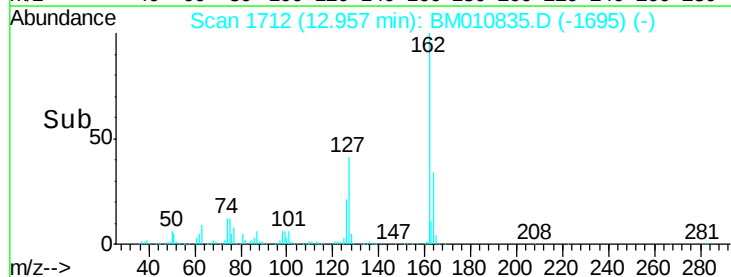
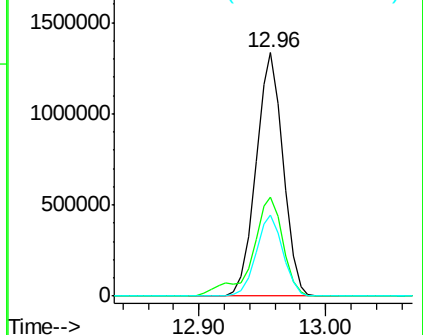
164 33.5 26.8 40.2

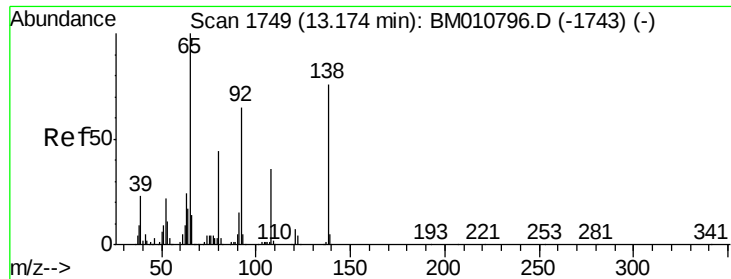


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.447 ng

RT: 13.17 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion: 65 Resp: 699628
Ion Ratio Lower Upper

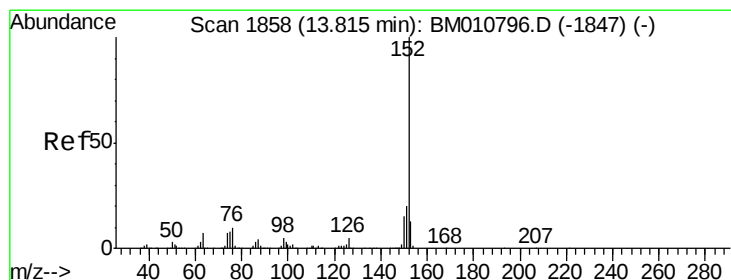
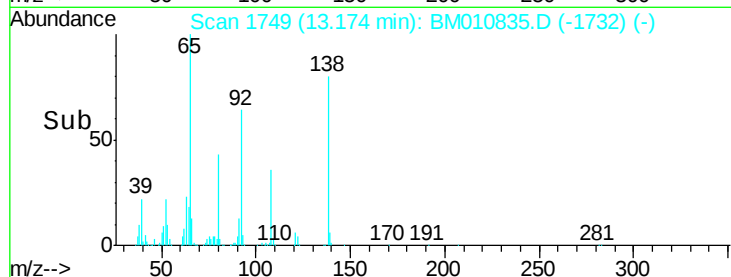
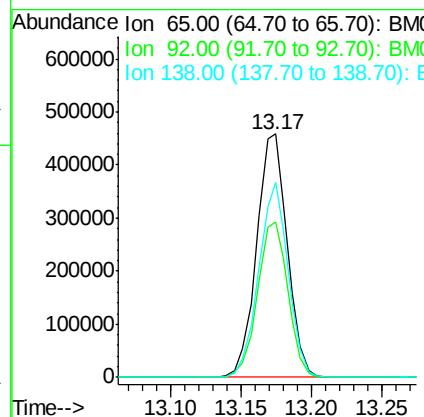
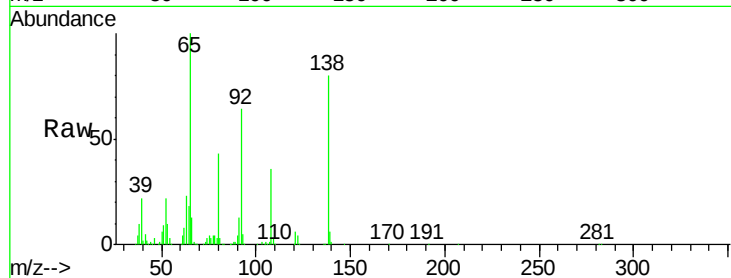
65 100

92 63.8 59.1 88.7

138 80.3 93.9 140.9#

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#48

Acenaphthylene

Concen: 46.842 ng

RT: 13.82 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM010835.D

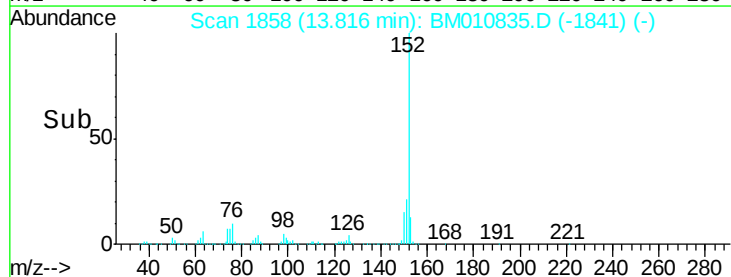
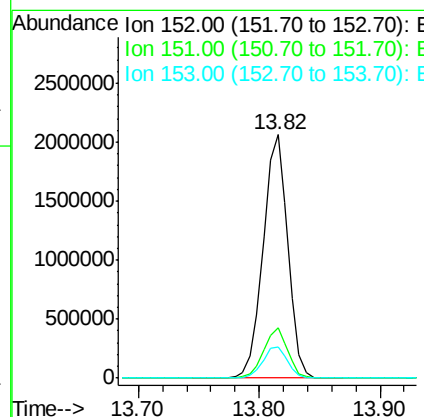
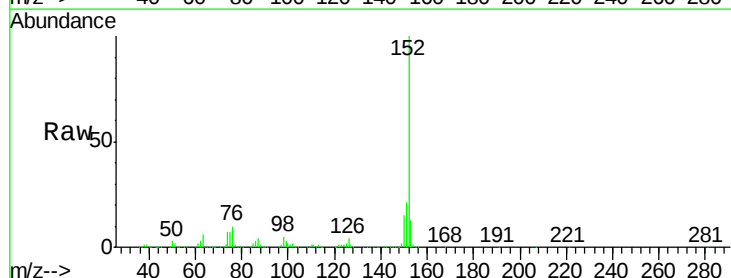
Acq: 14 Jul 2017 04:46

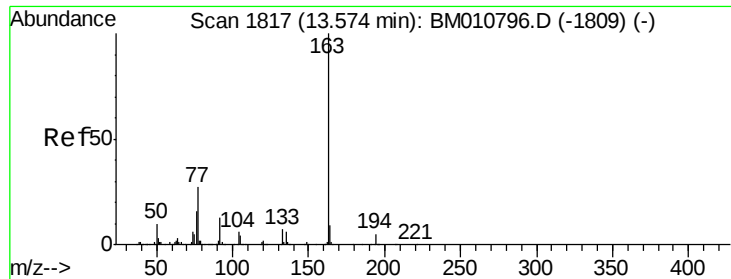
Tgt Ion: 152 Resp: 2939226
Ion Ratio Lower Upper

152 100

151 20.6 15.9 23.9

153 13.1 10.6 16.0





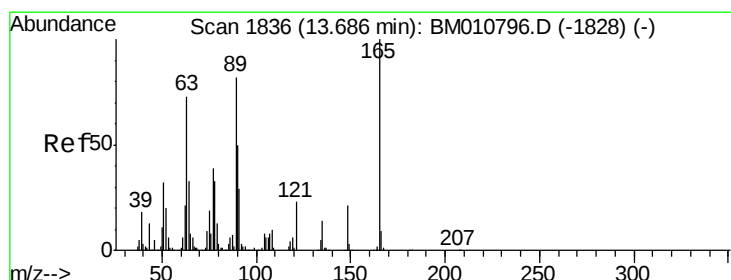
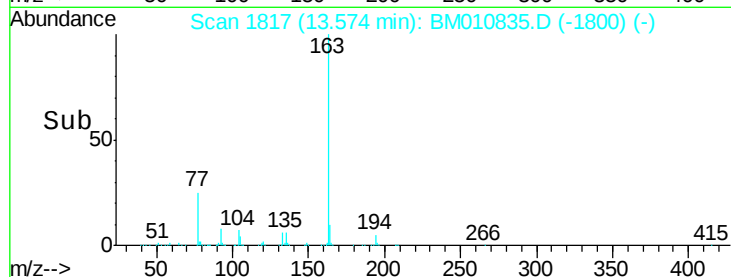
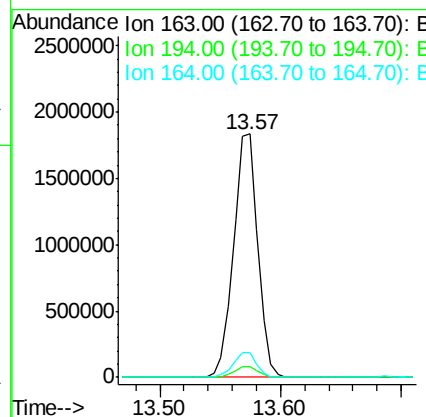
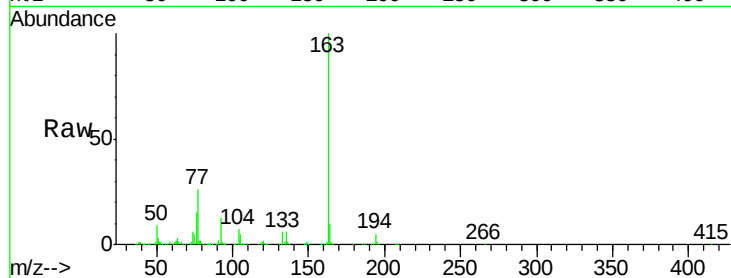
#49
Dimethylphthalate
Concen: 45.458 ng
RT: 13.57 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion:163 Resp: 2554068
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 10.0 8.2 12.2

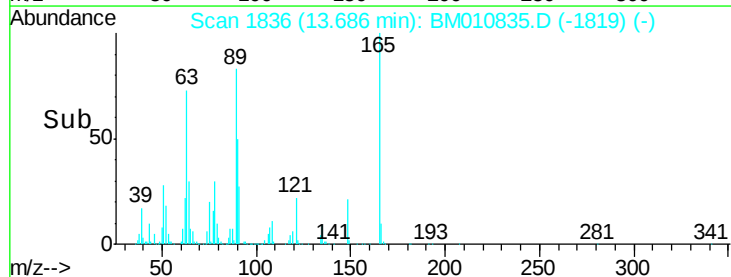
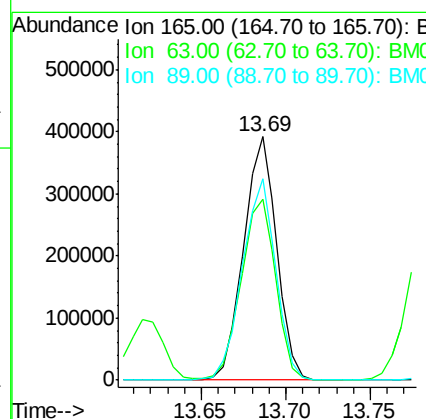
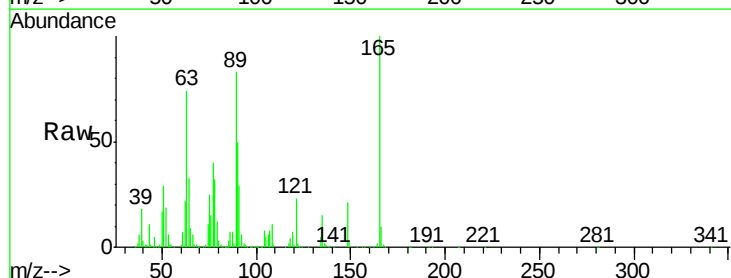
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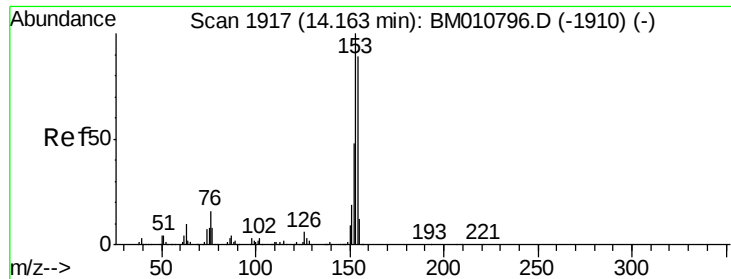
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#50
2,6-Dinitrotoluene
Concen: 48.412 ng
RT: 13.69 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion:165 Resp: 533525
Ion Ratio Lower Upper
165 100
63 74.4 44.1 66.1#
89 82.8 44.3 66.5#





#51

Acenaphthene

Concen: 46.836 ng

RT: 14.16 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion:154 Resp: 1795767

Ion Ratio Lower Upper

154 100

153 110.5 90.0 135.0

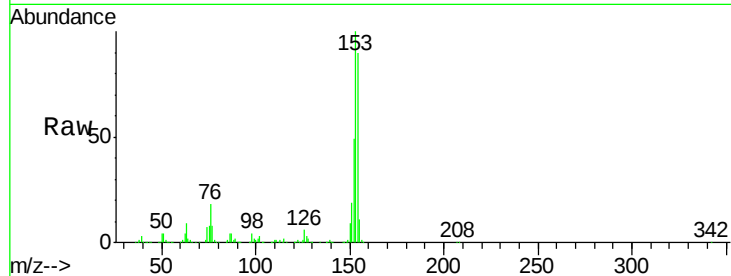
152 54.0 42.6 63.8

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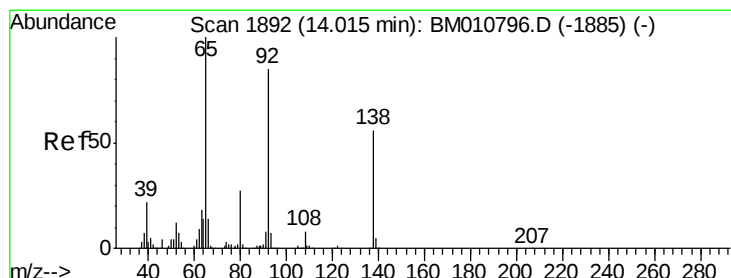
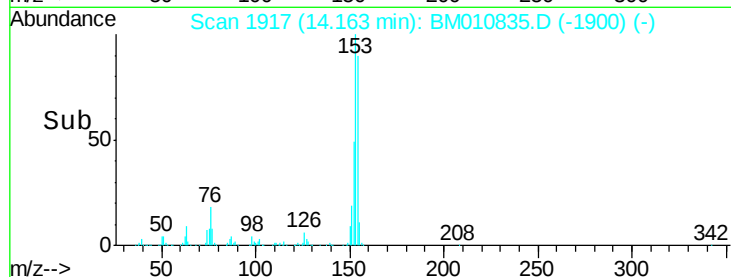
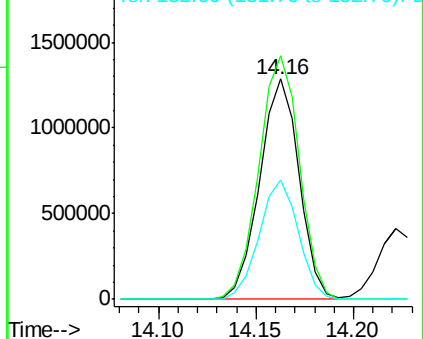
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.446 ng

RT: 14.01 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

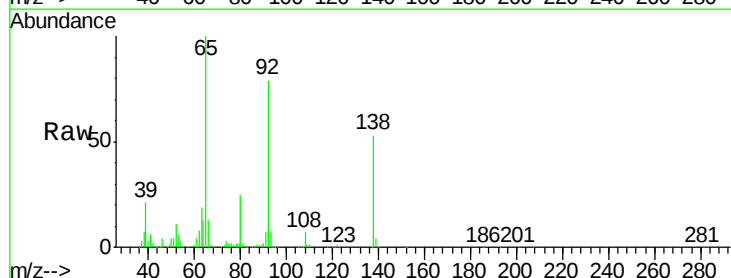
Tgt Ion:138 Resp: 375154

Ion Ratio Lower Upper

138 100

108 13.6 7.3 10.9#

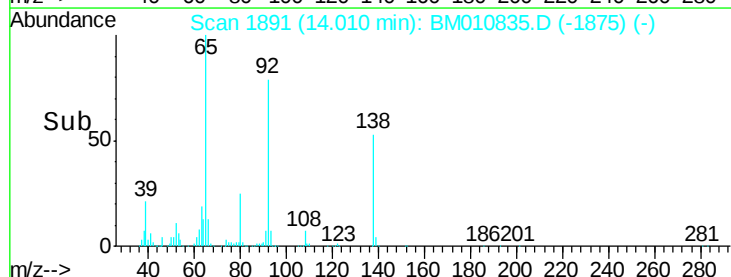
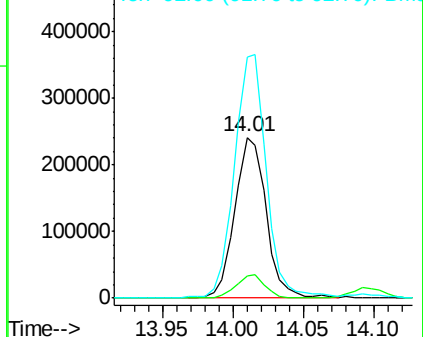
92 149.9 76.6 114.8#

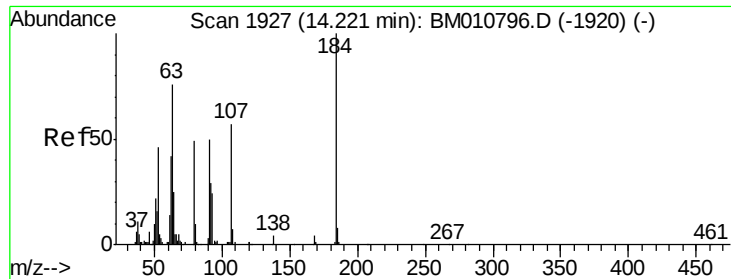


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





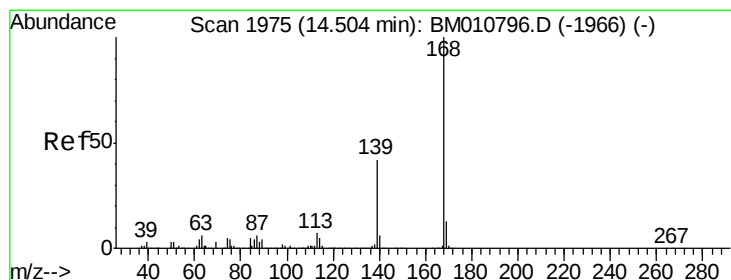
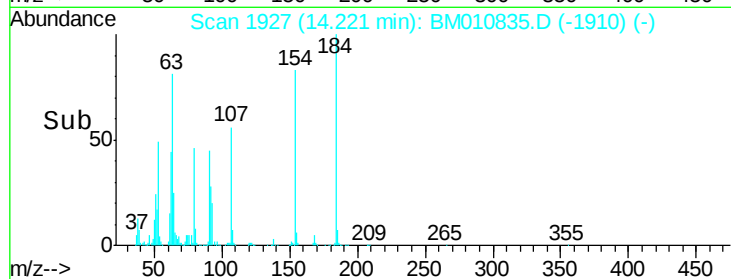
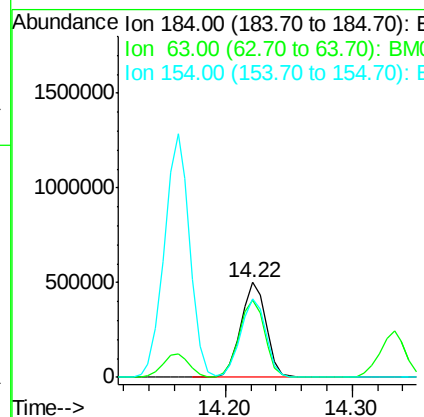
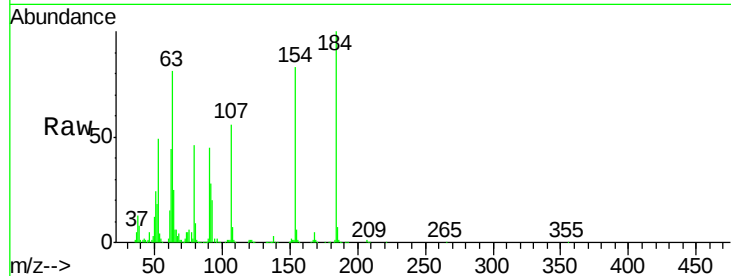
#53
2,4-Dinitrophenol
Concen: 90.577 ng
RT: 14.22 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	690039		
63	80.7	69.2	103.8	
154	82.8	53.3	79.9#	

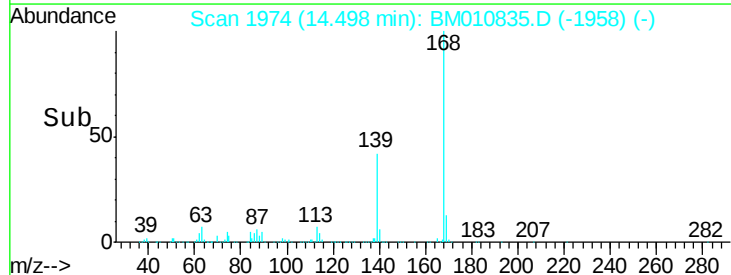
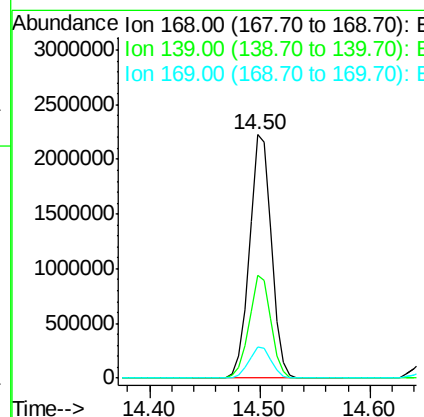
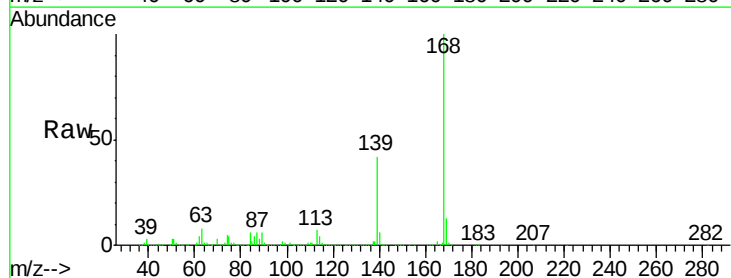
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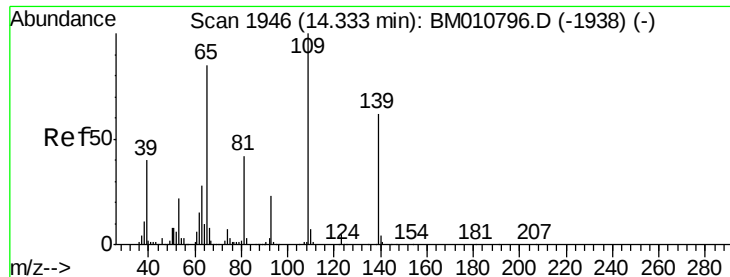
mohammad
7/17/2017 8:13:40 AM



#54
Dibenzofuran
Concen: 49.870 ng
RT: 14.50 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3092956		
139	42.1	27.3	40.9#	
169	12.7	10.6	16.0	





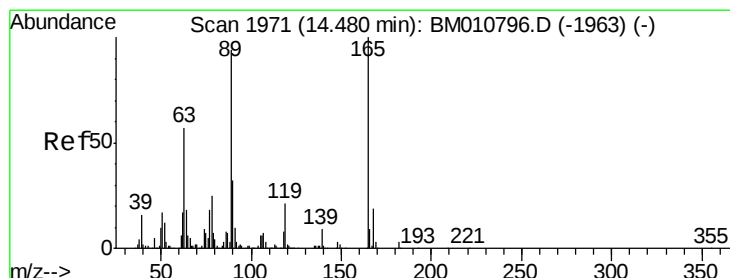
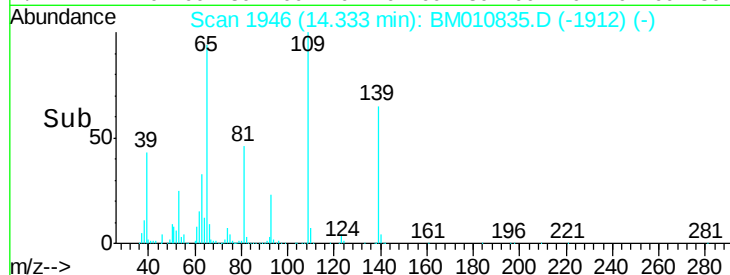
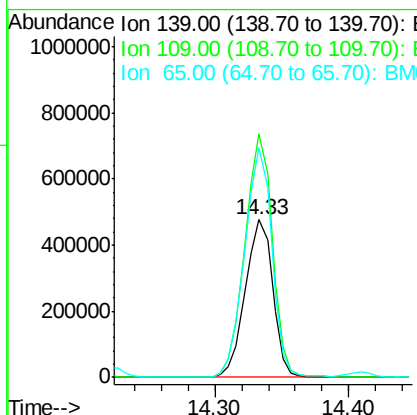
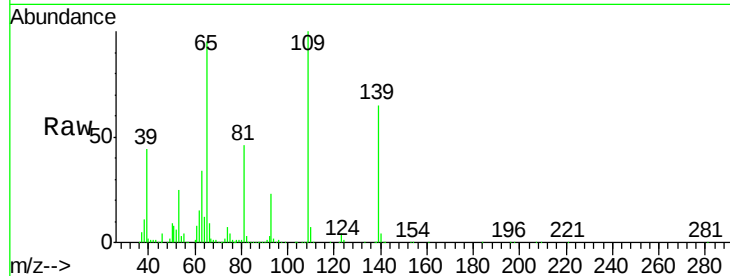
#55
4-Nitrophenol
Concen: 78.035 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	678991		
109	154.3	37.7	77.7#	
65	145.8	49.9	89.9#	

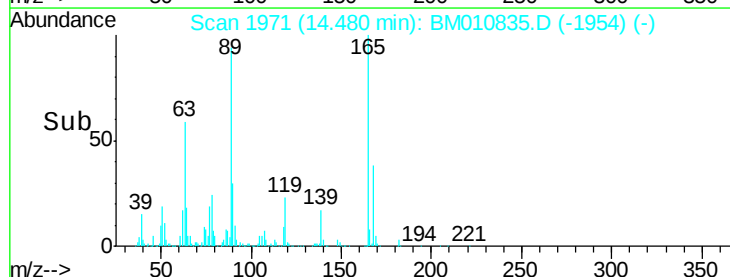
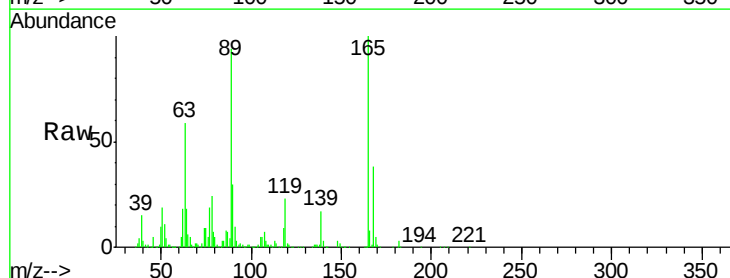
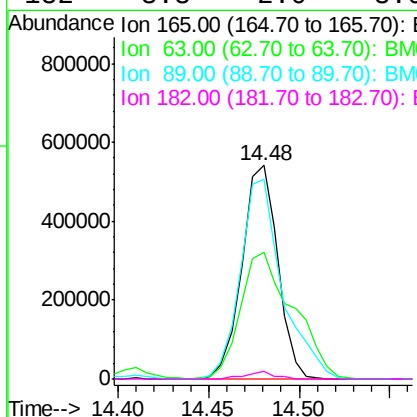
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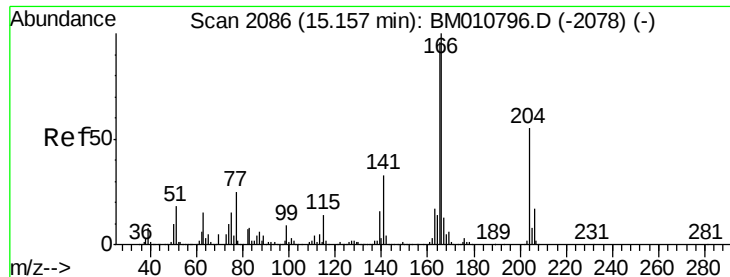
mohammad
7/17/2017 8:13:40 AM



#56
2,4-Dinitrotoluene
Concen: 48.473 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	741268		
63	59.4	52.4	78.6	
89	93.8	72.4	108.6	
182	3.3	2.0	3.0#	





#57

Fluorene

Concen: 46.263 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion:166 Resp: 2466529

Ion Ratio Lower Upper

166 100

165 97.5 79.0 118.4

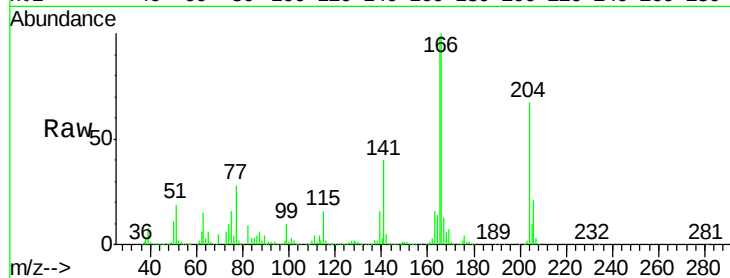
167 13.5 10.3 15.5

Manual Integrations

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mohammad

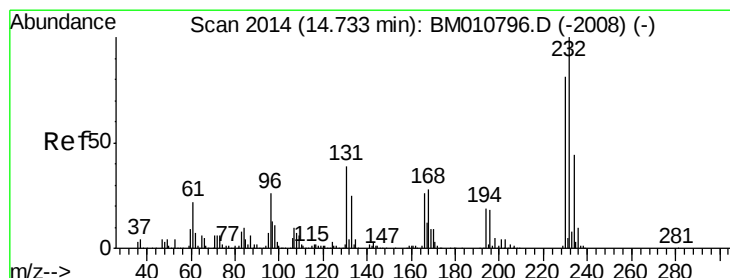
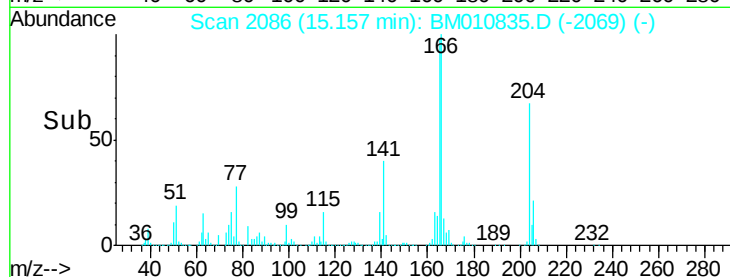
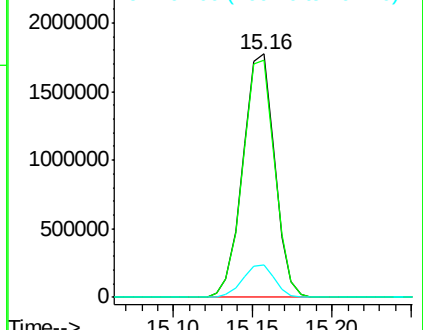
7/17/2017 8:13:40 AM



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: 50.071 ng

RT: 14.73 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Tgt Ion:232 Resp: 814208

Ion Ratio Lower Upper

232 100

131 41.3 0.0 0.0#

130 3.2 0.0 0.0#

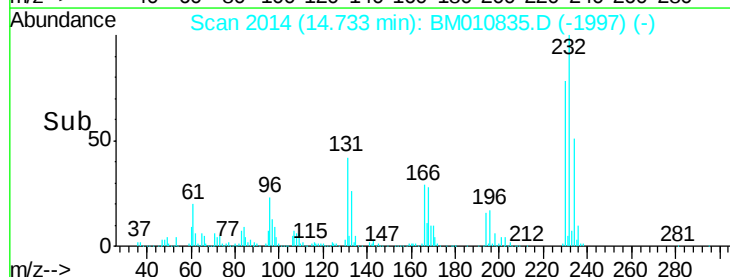
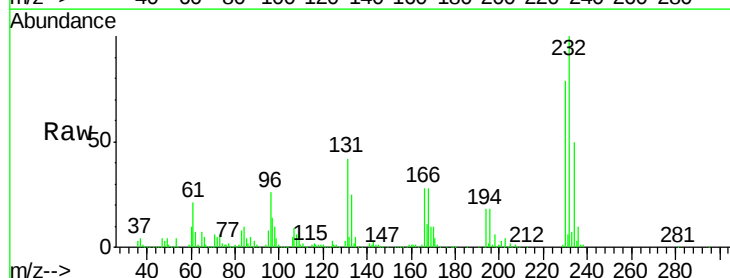
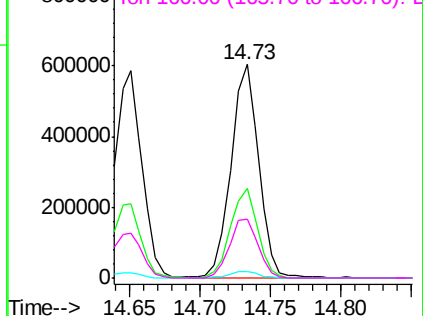
166 29.0 0.0 0.0#

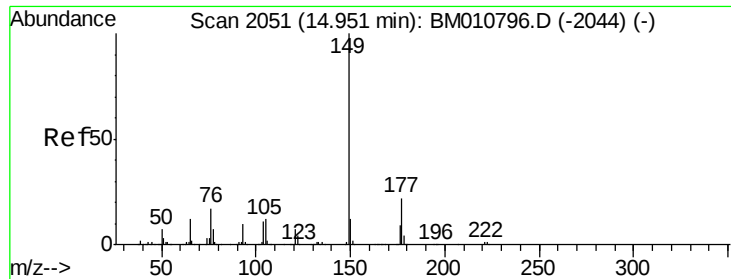
Abundance Ion 232.00 (231.70 to 232.70): E

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





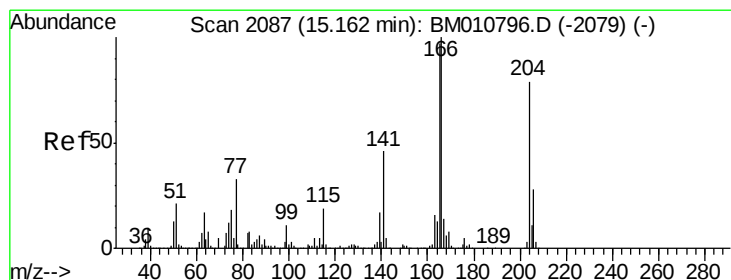
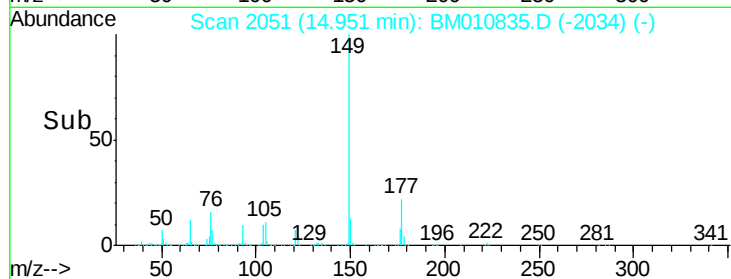
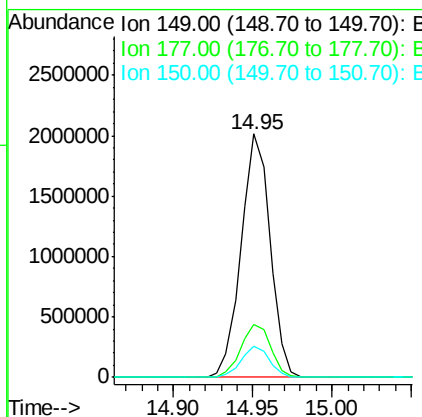
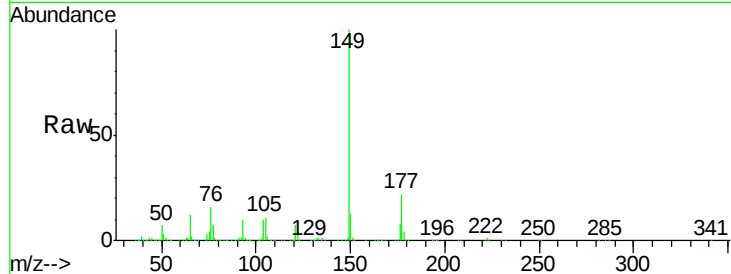
#59
Diethylphthalate
Concen: 46.112 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion:149 Resp: 2558678
Ion Ratio Lower Upper
149 100
177 21.6 18.3 27.5
150 12.6 9.8 14.8

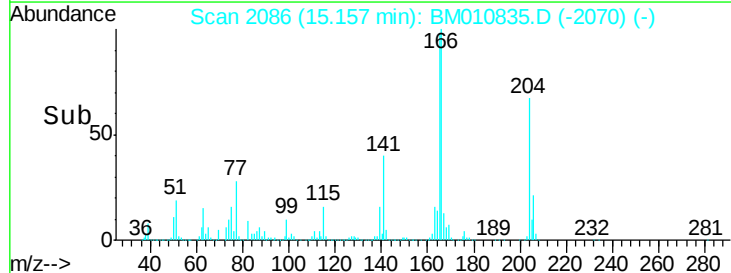
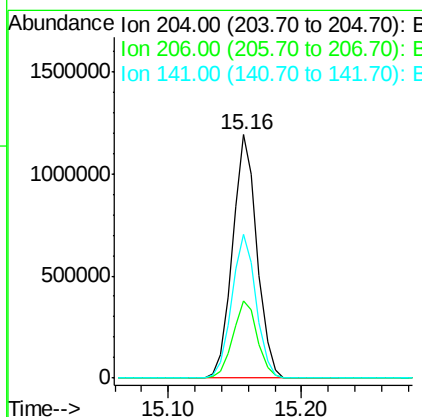
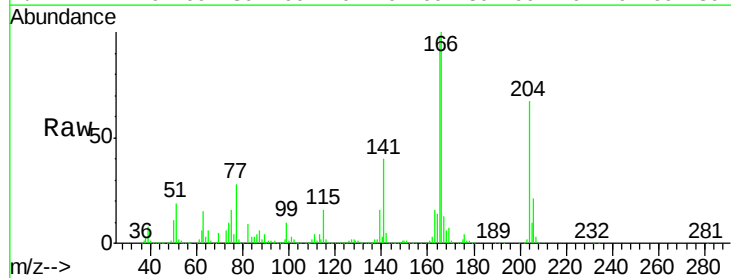
Manual Integrations
APPROVED

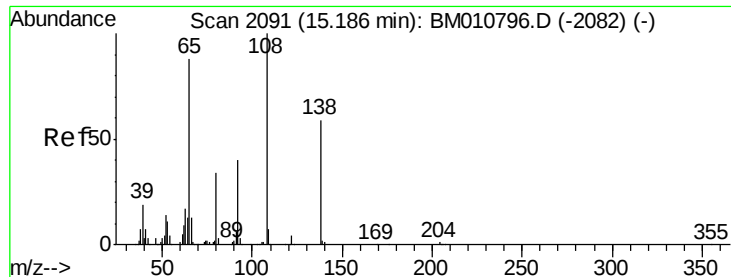
mohammad
7/17/2017 8:13:40 AM



#60
4-Chlorophenyl-phenylether
Concen: 46.307 ng
RT: 15.16 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion:204 Resp: 1516583
Ion Ratio Lower Upper
204 100
206 31.8 26.6 39.8
141 59.0 45.2 67.8





#61

4-Nitroaniline

Concen: 44.974 ng

RT: 15.19 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion: 138 Resp: 470954

Ion Ratio Lower Upper

138 100

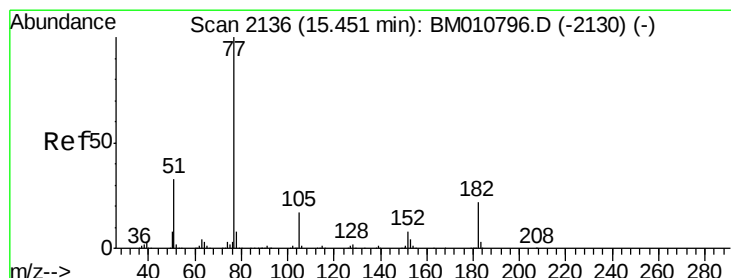
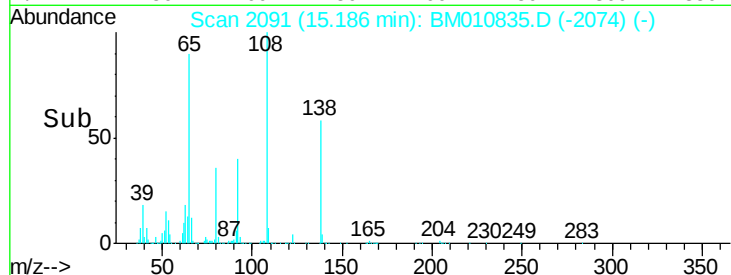
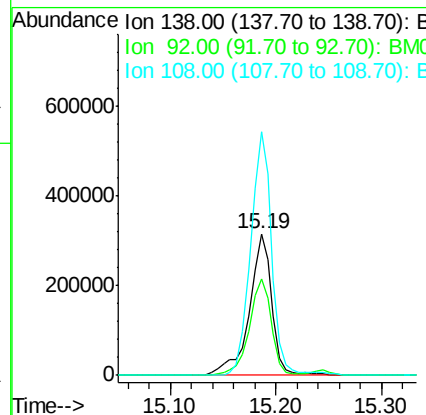
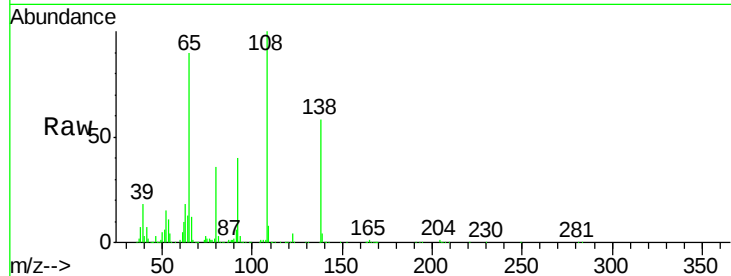
92 68.3 16.7 56.7#

108 172.4 37.6 77.6#

Manual Integrations
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mohammad

7/17/2017 8:13:40 AM



#62

Azobenzene

Concen: 51.532 ng

RT: 15.45 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Tgt Ion: 77 Resp: 2903590

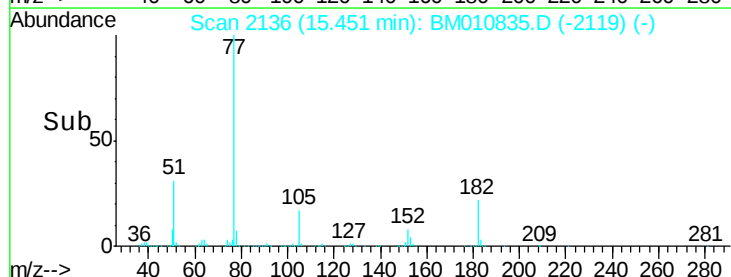
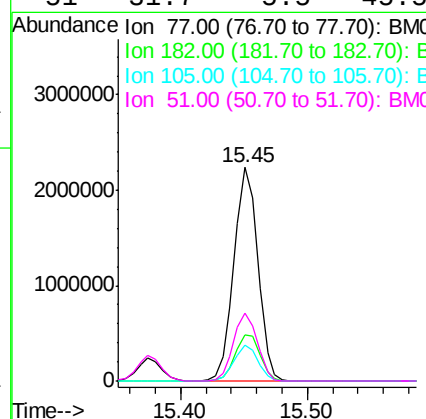
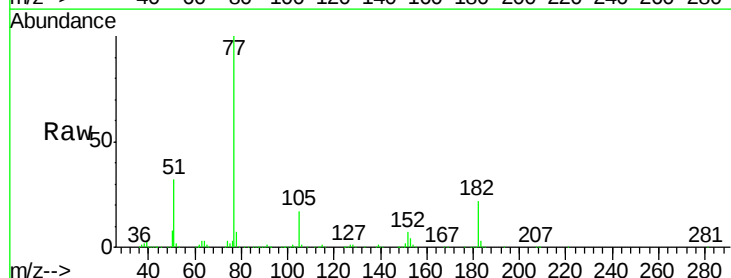
Ion Ratio Lower Upper

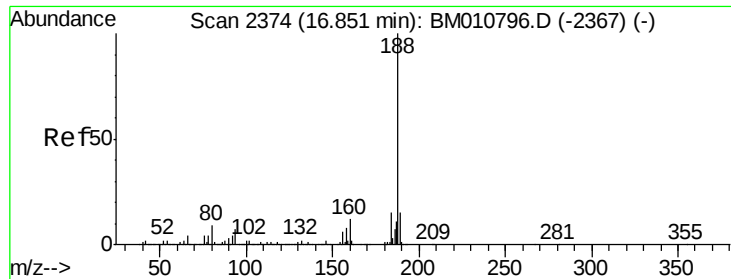
77 100

182 21.7 6.5 46.5

105 16.9 3.8 43.8

51 31.7 5.5 45.5





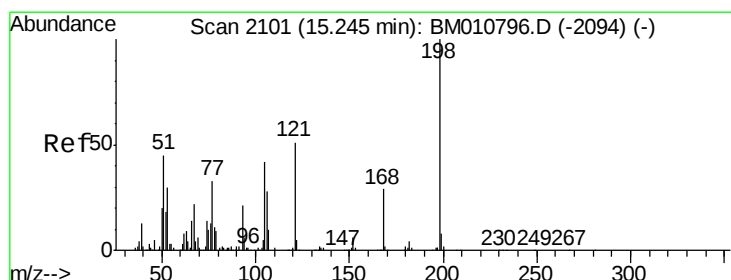
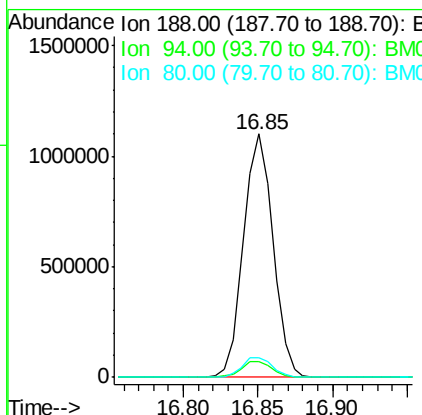
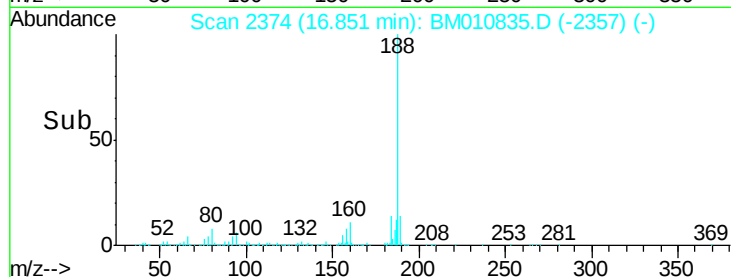
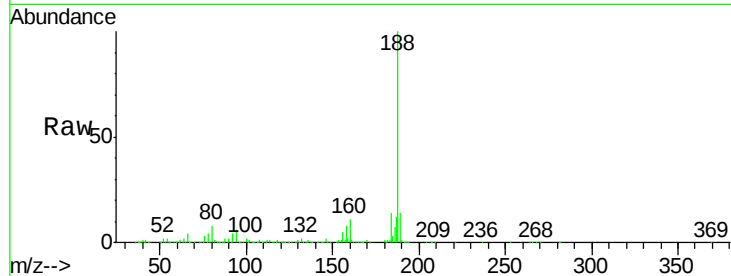
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1505300		
94	6.4		8.7	13.1#
80	8.2		9.3	13.9#

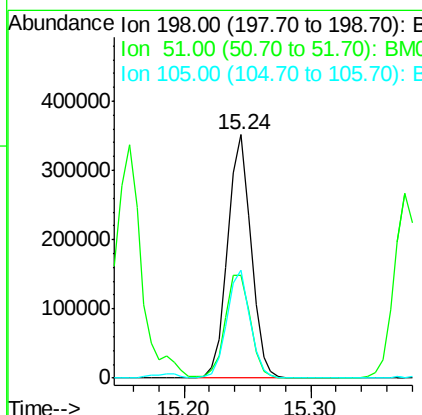
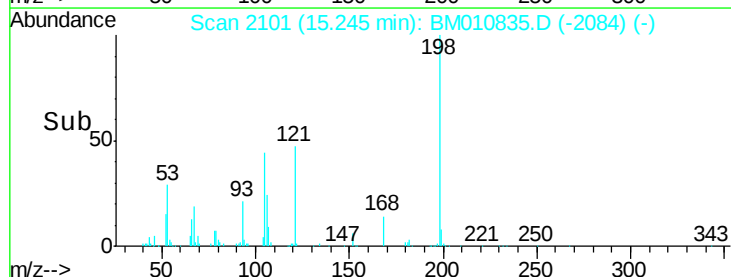
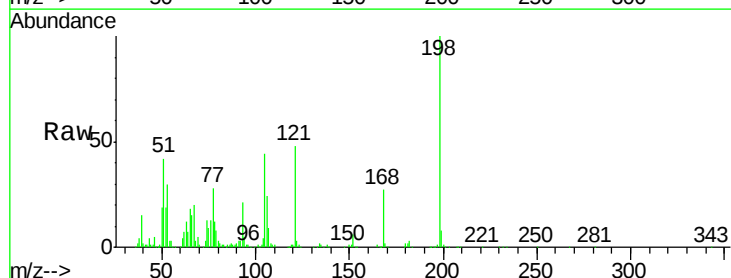
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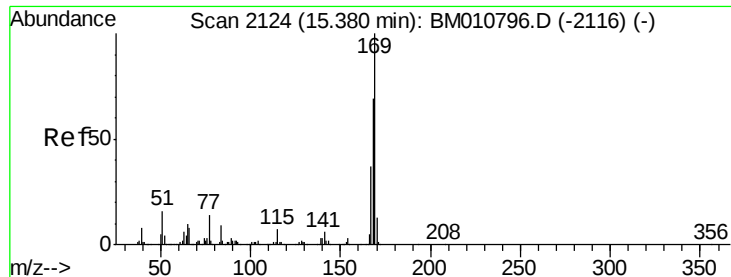
mohammad
7/17/2017 8:13:40 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 45.084 ng
RT: 15.24 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	447513		
51	42.3		28.8	68.8
105	44.4		30.5	70.5





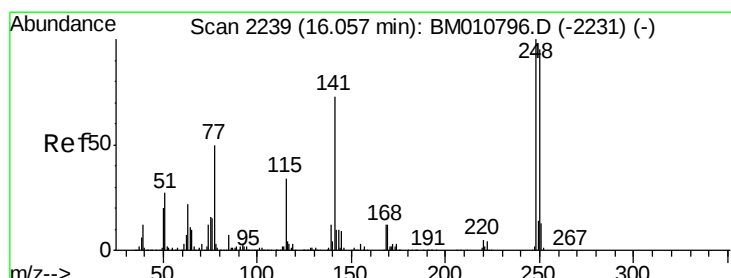
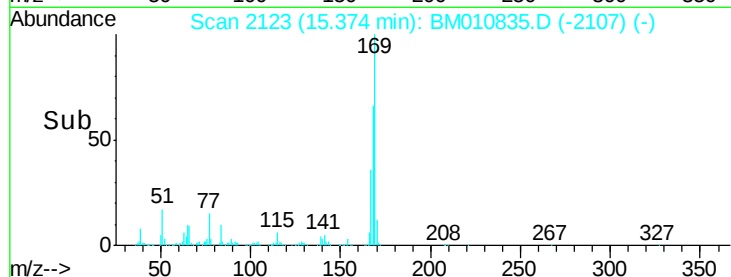
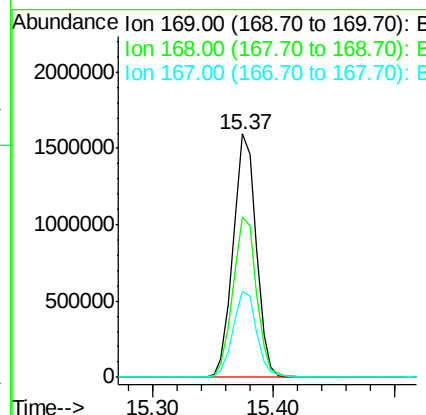
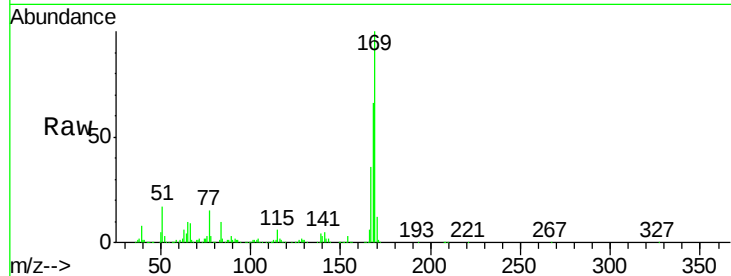
#65
n-Nitrosodiphenylamine
Concen: 49.273 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.1	53.9	80.9
167	35.6	28.9	43.3

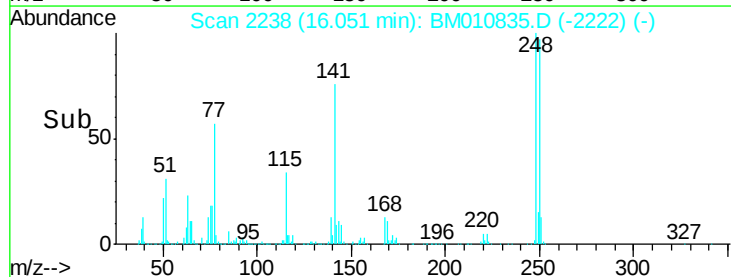
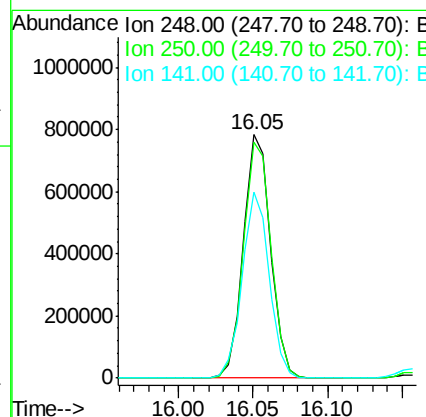
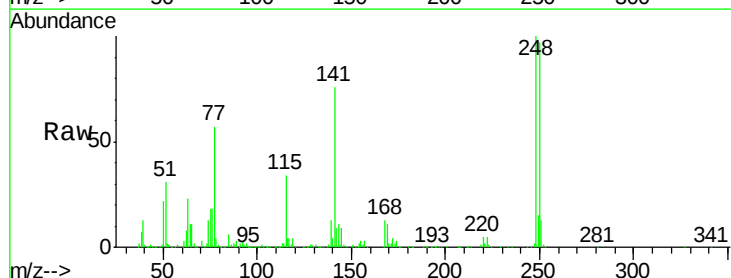
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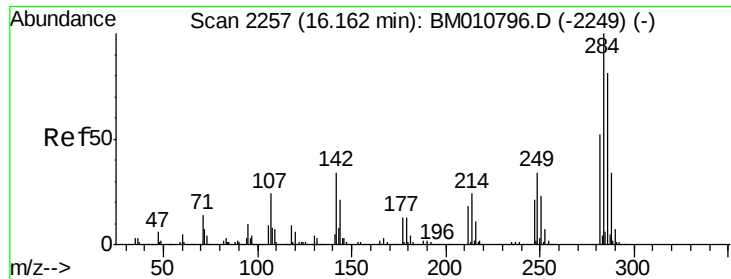
mohammad
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#66
4-Bromophenyl-phenylether
Concen: 51.816 ng
RT: 16.05 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.4	116.0
141	76.2	45.2	67.8





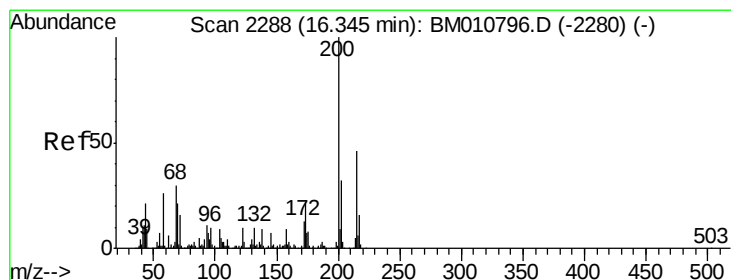
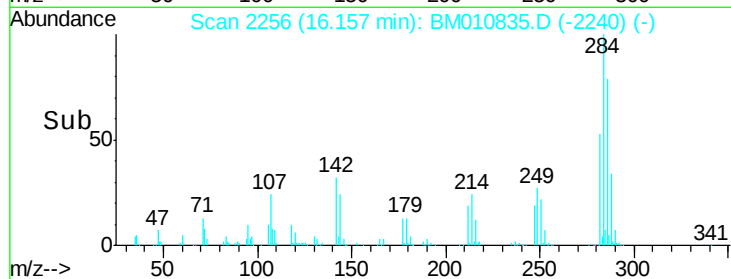
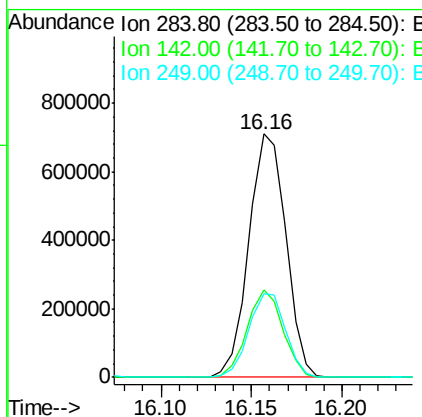
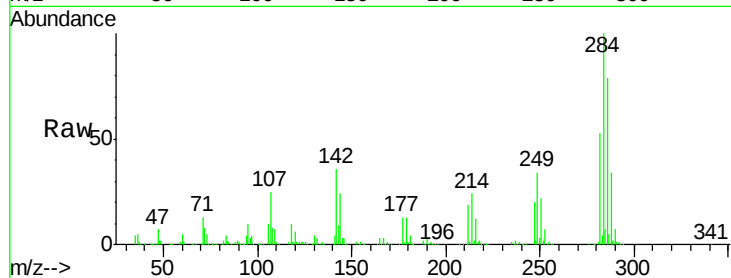
#67
Hexachlorobenzene
Concen: 46.249 ng
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion:284 Resp: 1008882
Ion Ratio Lower Upper
284 100
142 35.9 20.4 30.6#
249 34.4 23.8 35.6

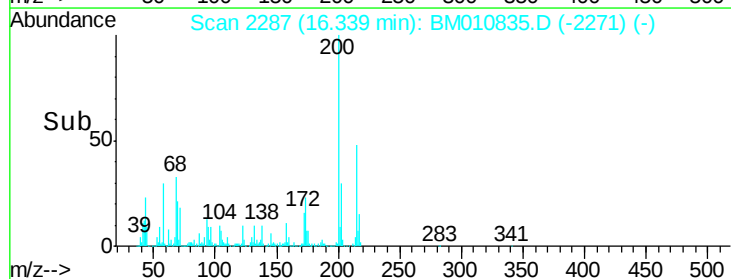
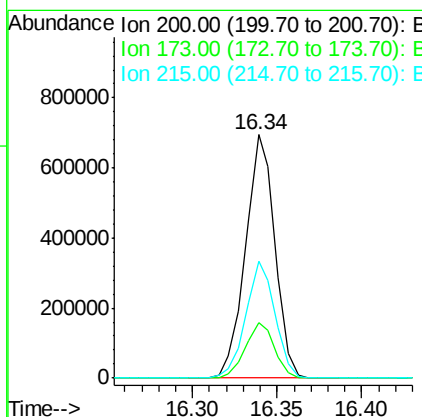
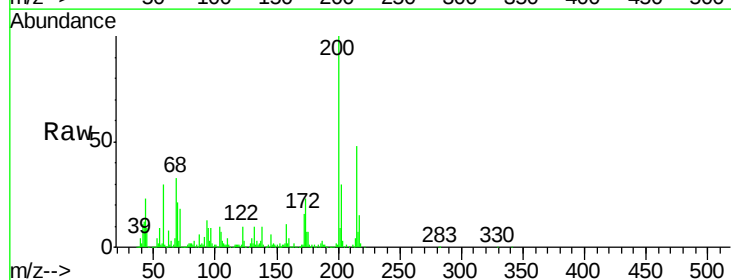
Manual Integrations
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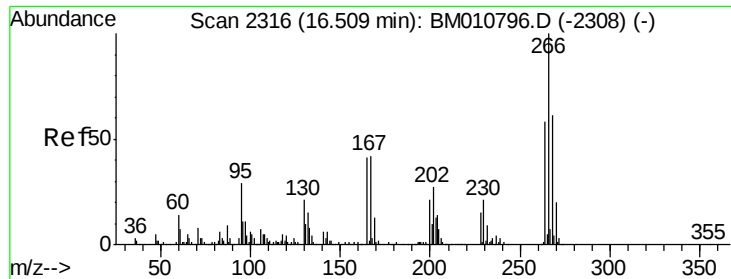
mohammad
7/17/2017 8:13:40 AM



#68
Atrazine
Concen: 47.207 ng
RT: 16.34 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion:200 Resp: 842068
Ion Ratio Lower Upper
200 100
173 22.8 4.8 44.8
215 48.0 26.9 66.9





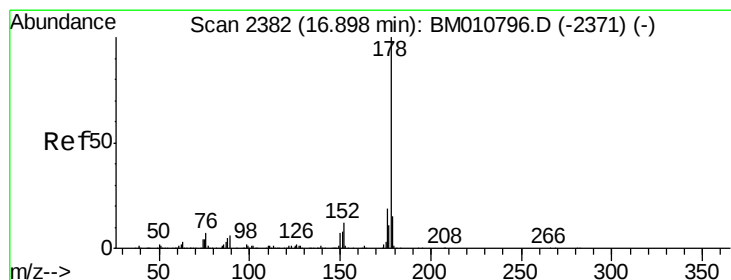
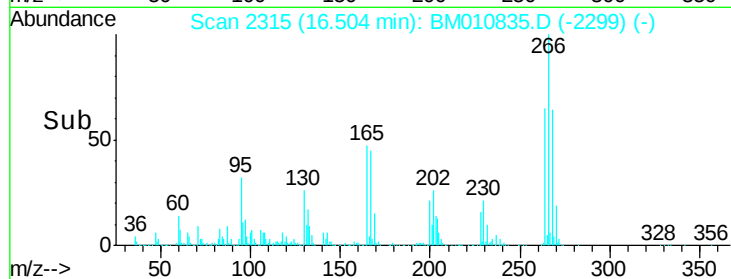
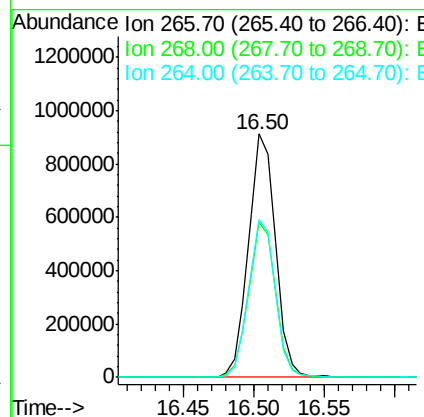
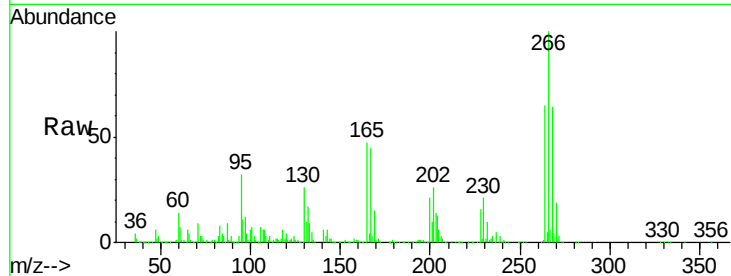
#69
 Pentachlorophenol
 Concen: 88.006 ng
 RT: 16.50 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

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

Tgt Ion:266 Resp: 1230692
 Ion Ratio Lower Upper
 266 100
 268 63.6 52.0 78.0
 264 64.6 49.0 73.4

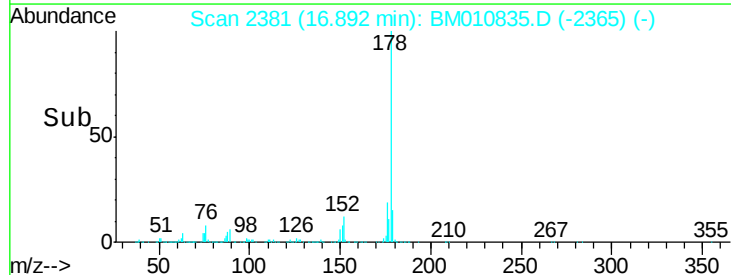
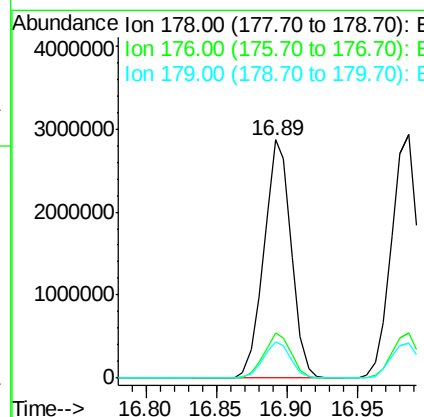
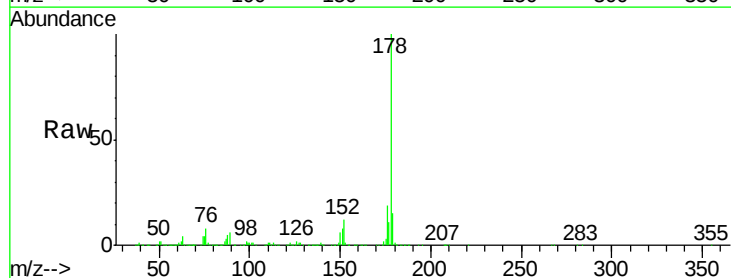
Manual Integrations
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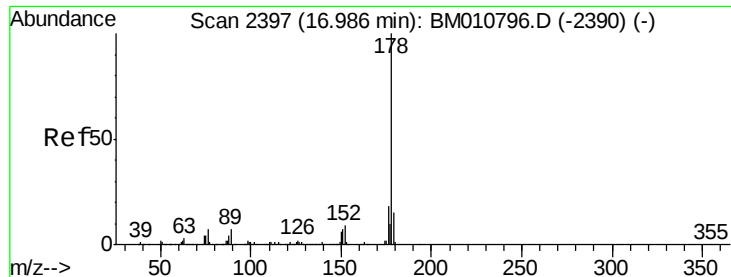
mohammad
 7/17/2017 8:13:40 AM



#70
 Phenanthrene
 Concen: 49.670 ng
 RT: 16.89 min Scan# 2381
 Delta R.T. -0.01 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

Tgt Ion:178 Resp: 3889649
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.3 12.1 18.1





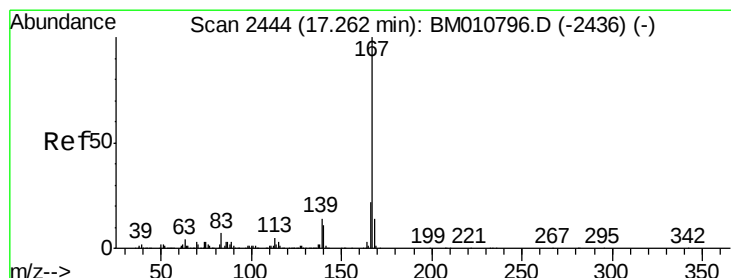
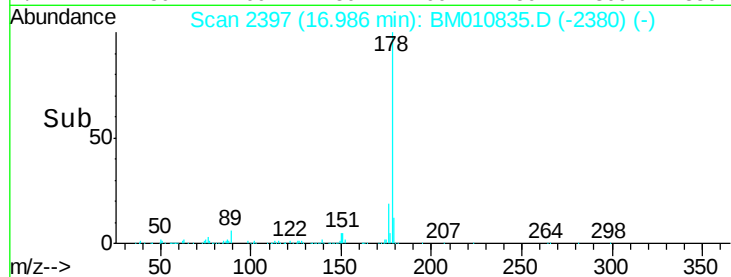
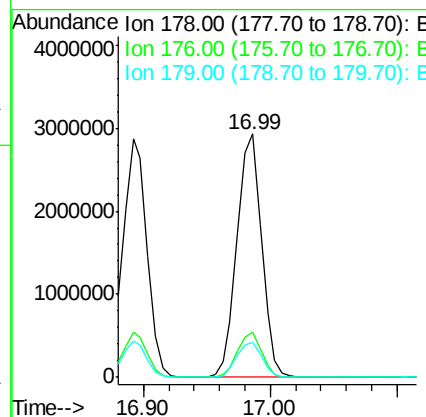
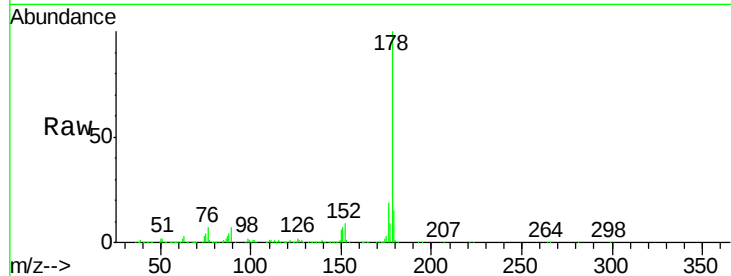
#71
 Anthracene
 Concen: 50.565 ng
 RT: 16.99 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	14.6	12.6	19.0

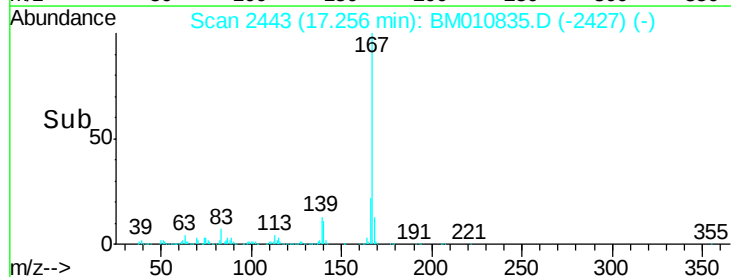
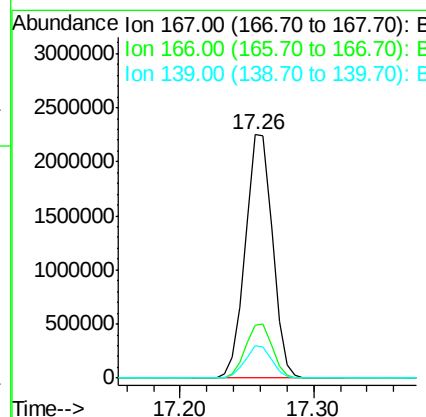
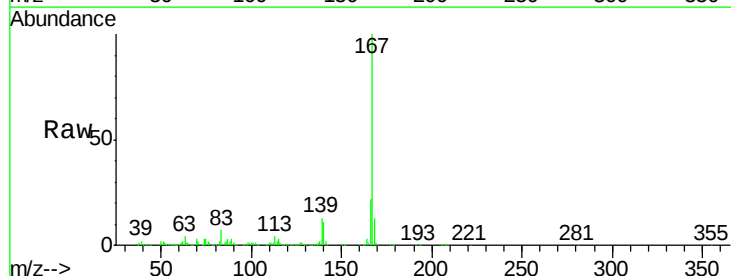
Manual Integrations
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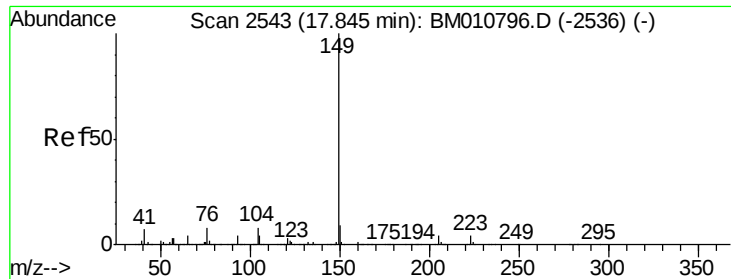
mohammad
 7/17/2017 8:13:40 AM



#72
 Carbazole
 Concen: 46.139 ng
 RT: 17.26 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.4	10.8	16.2





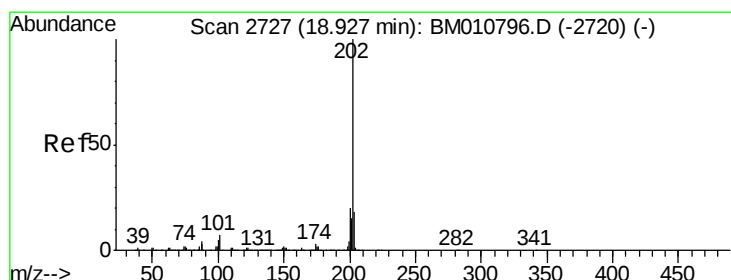
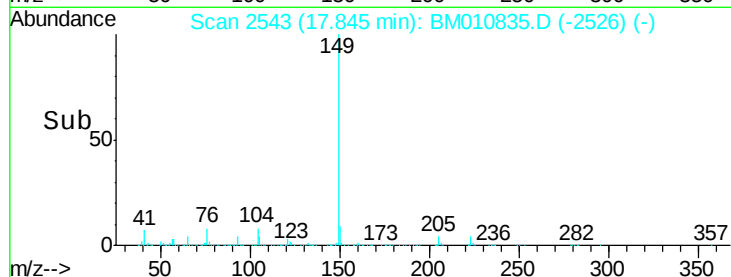
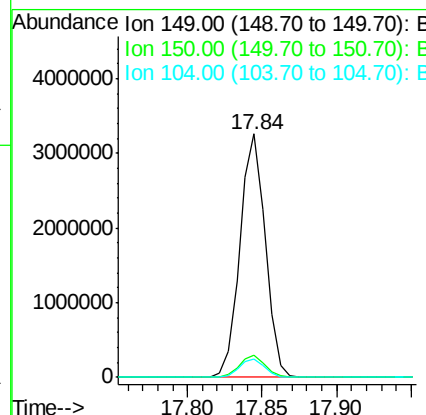
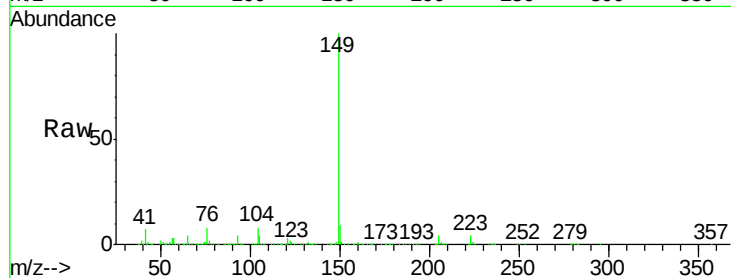
#73
Di-n-butylphthalate
Concen: 47.711 ng
RT: 17.84 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion:149 Resp: 3864396
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 7.6 3.7 5.5#

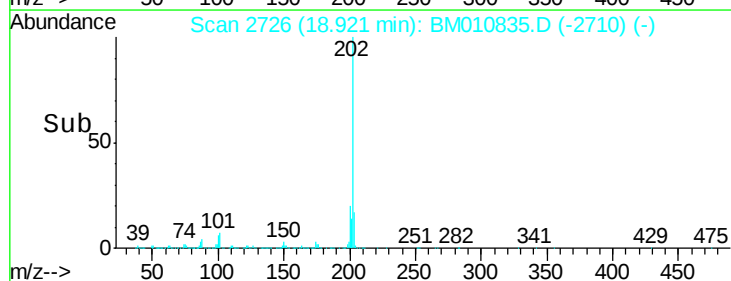
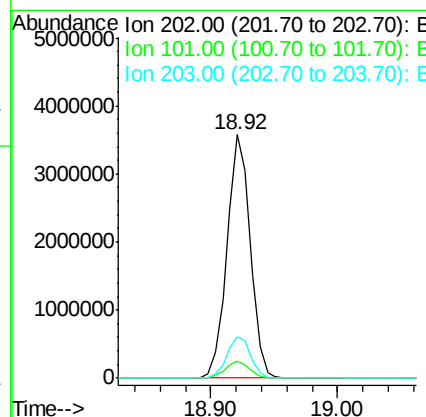
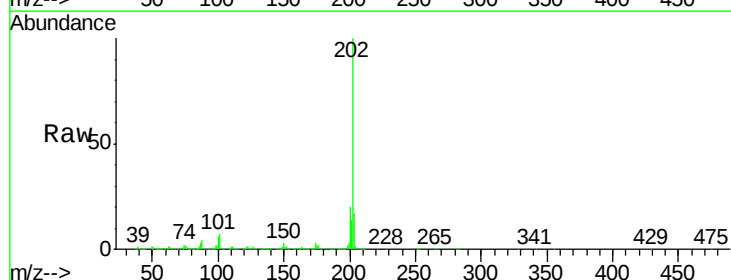
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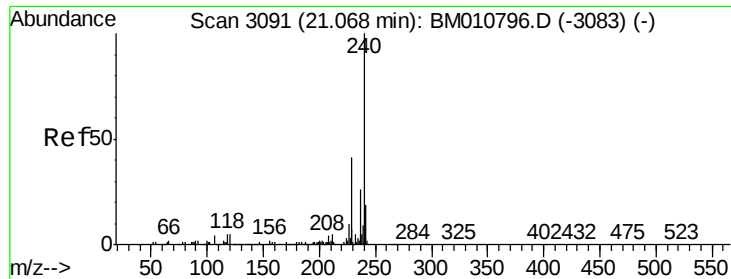
mohammad
7/17/2017 8:13:40 AM



#74
Fluoranthene
Concen: 46.642 ng
RT: 18.92 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion:202 Resp: 4523590
Ion Ratio Lower Upper
202 100
101 7.0 0.0 28.7
203 17.2 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion:240 Resp: 1419471

Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

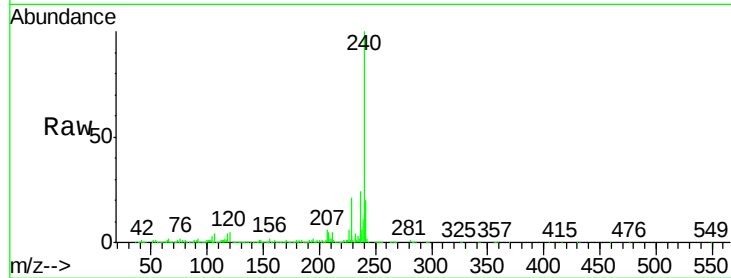
236 24.0 20.0 30.0

Manual Integrations

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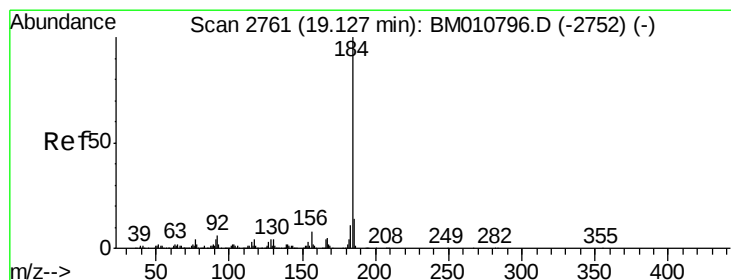
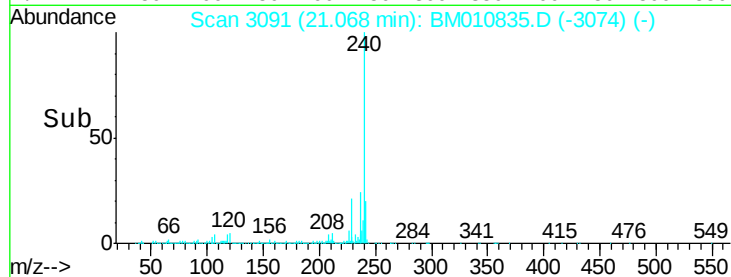
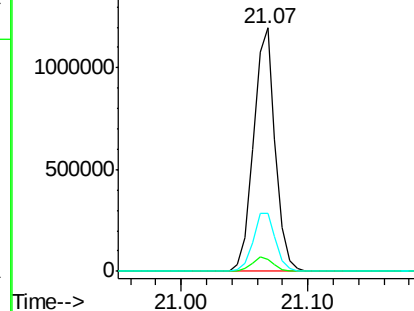
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 69.000 ng

RT: 19.12 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

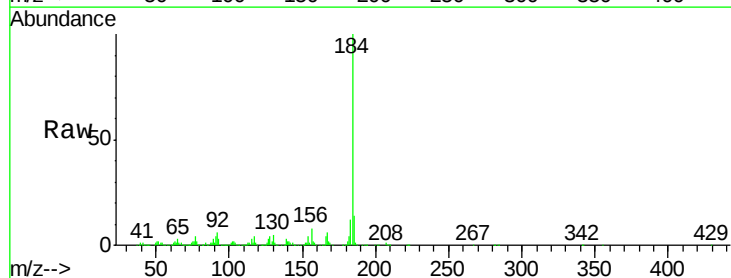
Tgt Ion:184 Resp: 2620986

Ion Ratio Lower Upper

184 100

185 13.6 11.3 16.9

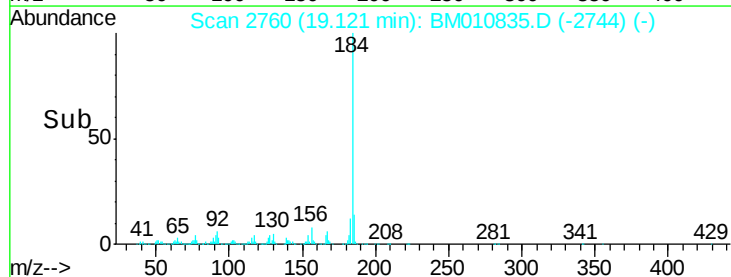
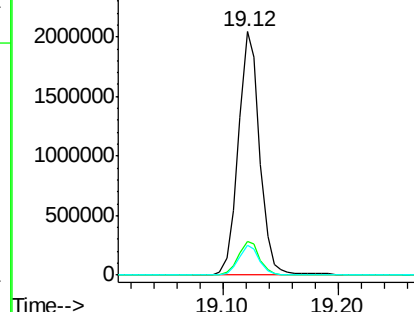
183 12.0 8.9 13.3

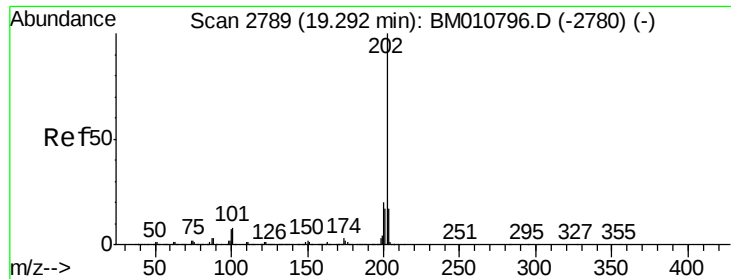


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 54.820 ng

RT: 19.29 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

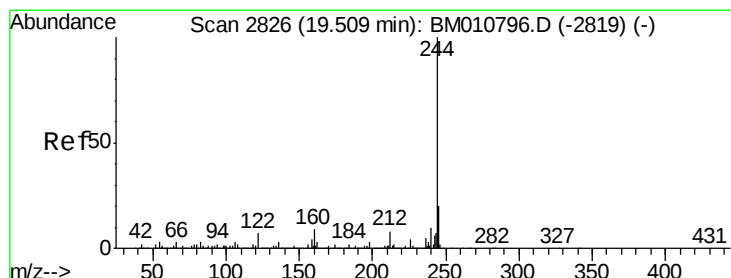
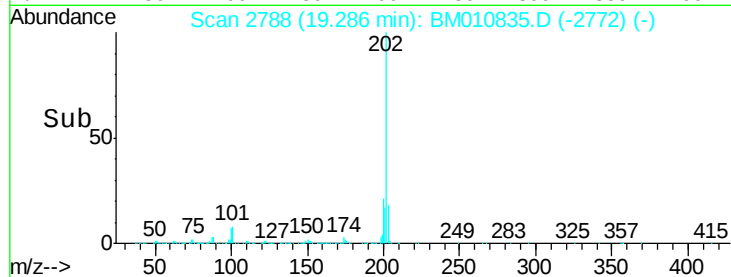
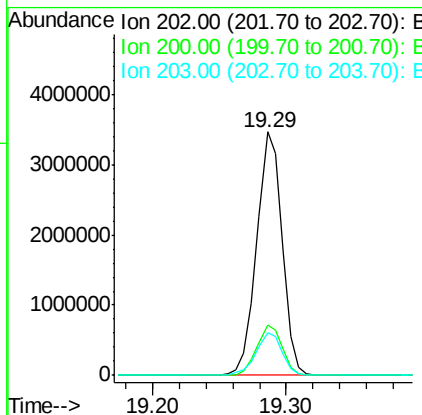
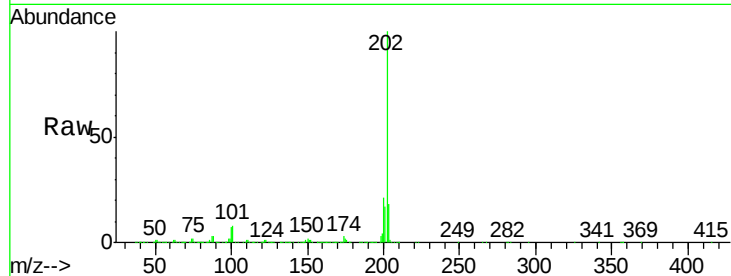
ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion:	202	Resp:	4511123
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.7	14.1	21.1

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#78

Terphenyl-d14

Concen: 96.249 ng

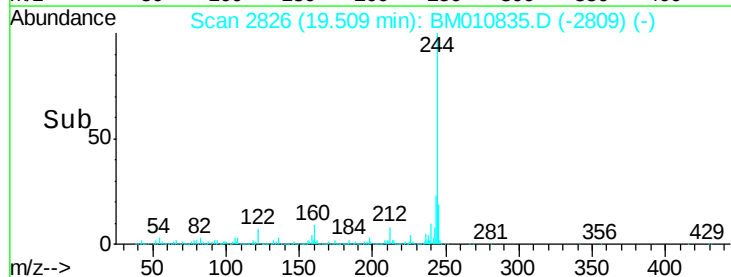
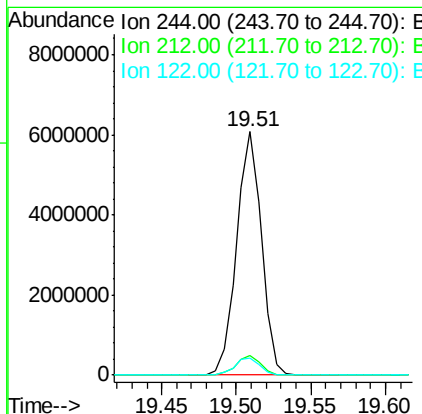
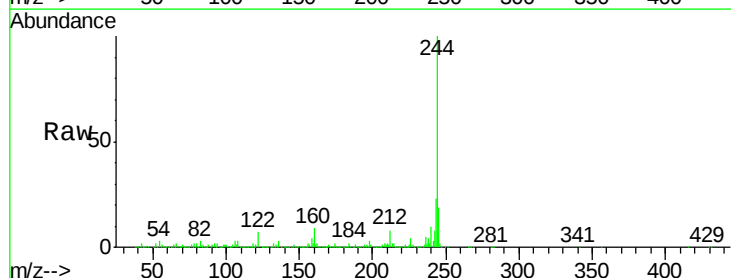
RT: 19.51 min Scan# 2826

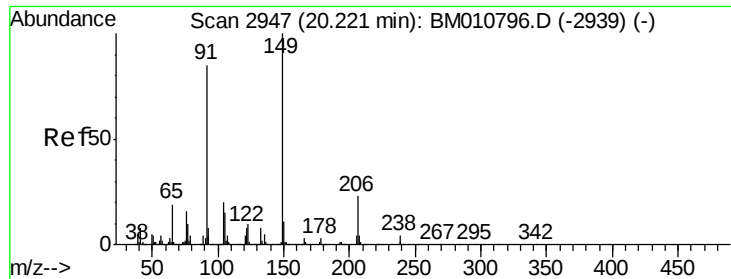
Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Tgt Ion:	244	Resp:	7063882
Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	6.8	6.2	9.4





#79

Butylbenzylphthalate

Concen: 52.918 ng

RT: 20.22 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion:149 Resp: 1524561

Ion Ratio Lower Upper

149 100

91 86.1 50.1 75.1#

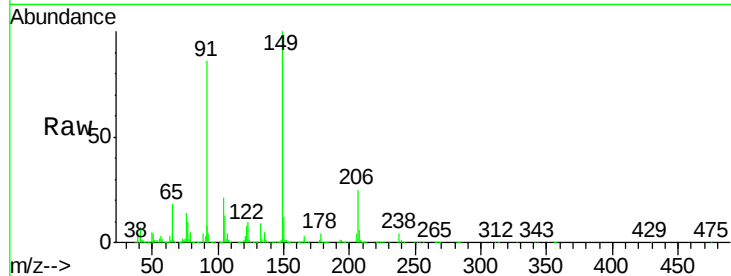
206 24.5 16.2 24.2#

Manual Integrations

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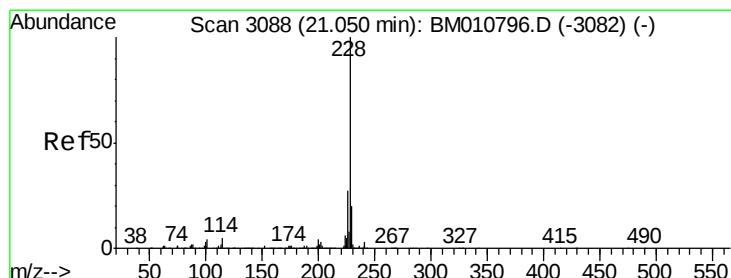
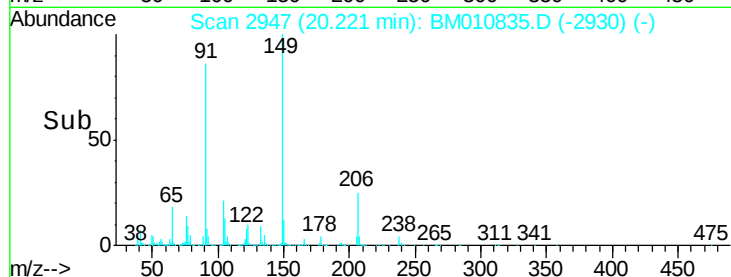
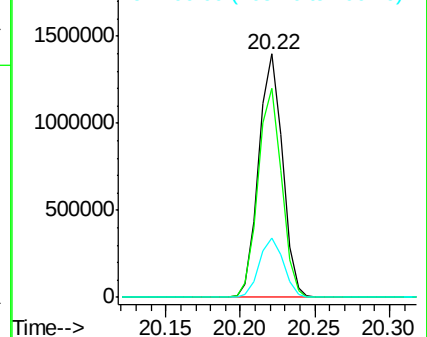
7/17/2017 8:13:40 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 49.559 ng

RT: 21.05 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

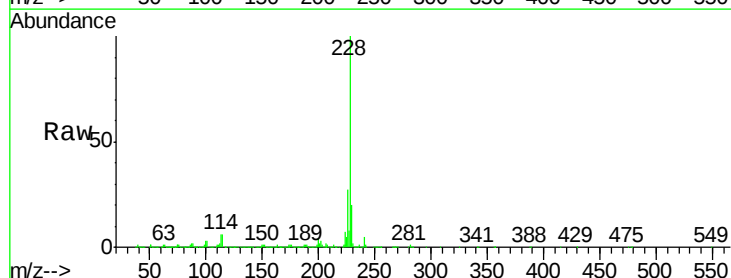
Tgt Ion:228 Resp: 4076265

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

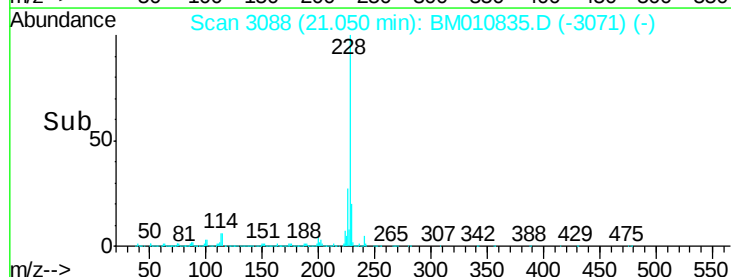
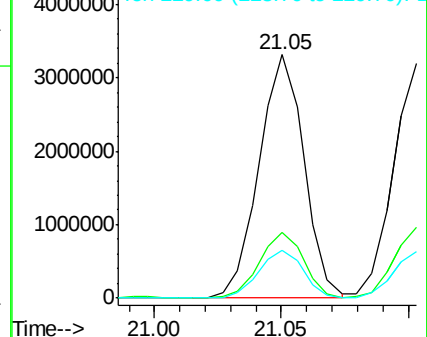
229 19.6 16.0 24.0

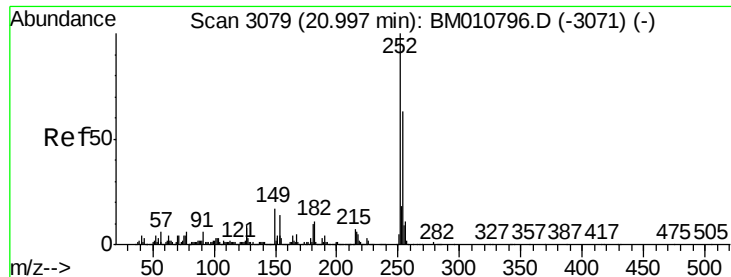


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





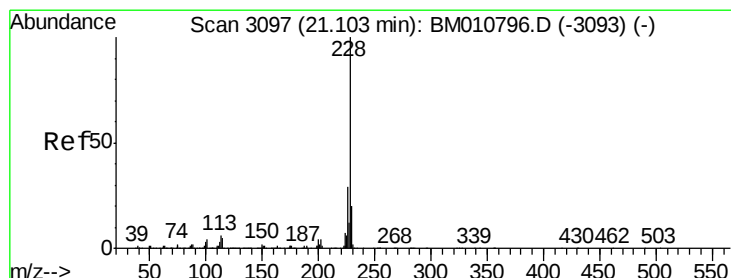
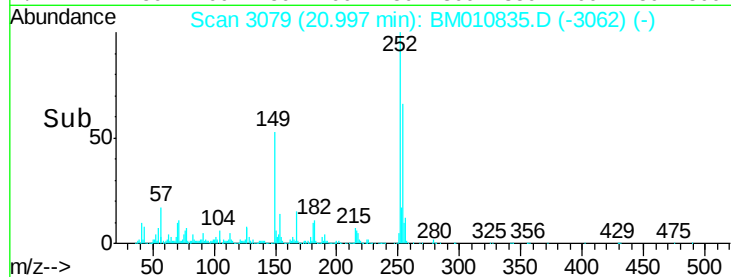
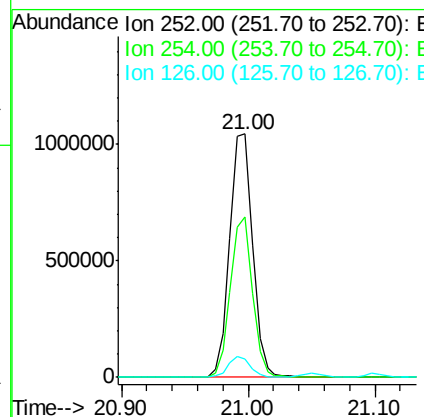
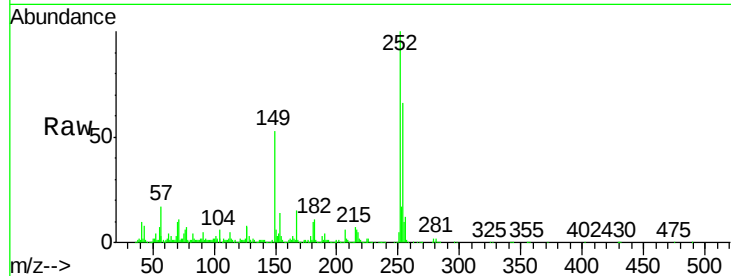
#81
 3,3'-Dichlorobenzidine
 Concen: 40.655 ng
 RT: 21.00 min Scan# 3079
 Delta R.T. 0.00 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.9	77.9
126	7.4	9.8	14.8

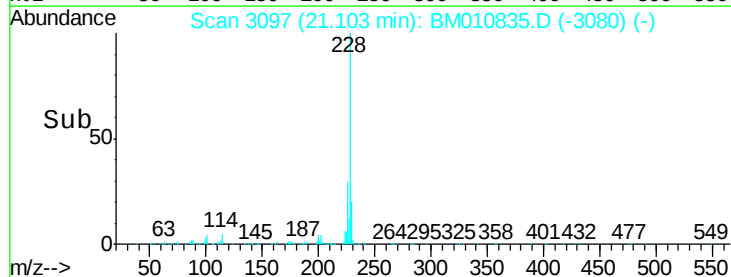
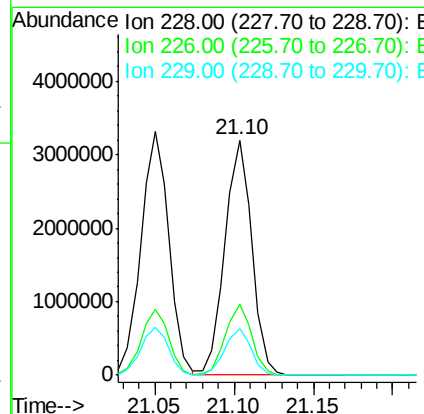
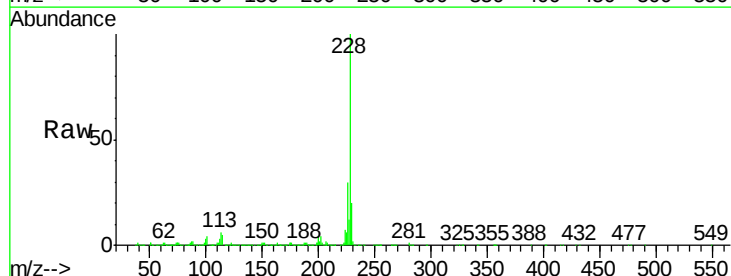
Manual Integrations
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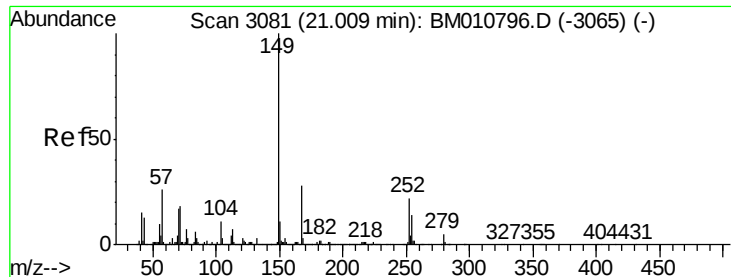
mohammad
 7/17/2017 8:13:40 AM



#82
 Chrysene
 Concen: 47.920 ng
 RT: 21.10 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	19.9	15.5	23.3





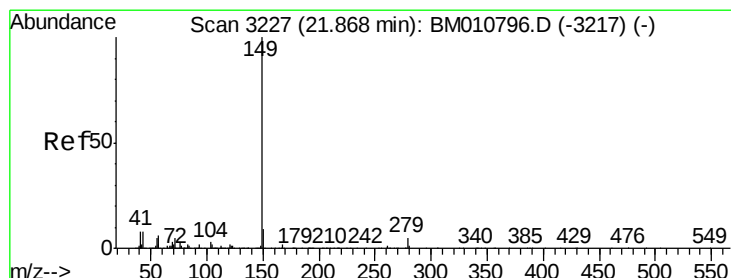
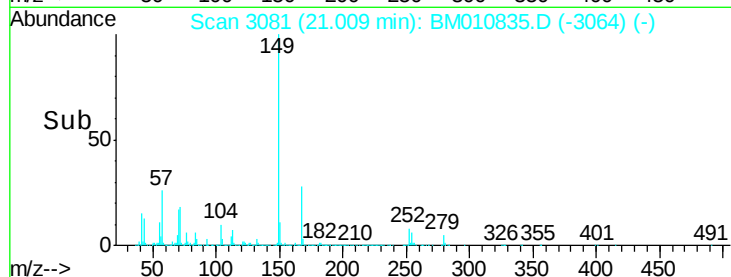
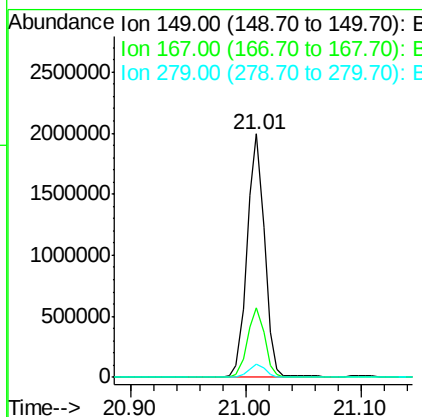
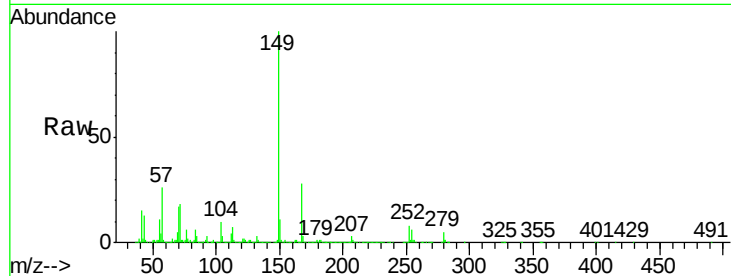
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.827 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

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

Tgt Ion:149 Resp: 2090408
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.4 33.6
 279 5.5 3.4 5.0#

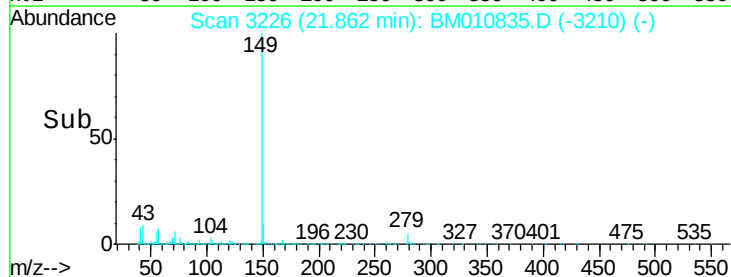
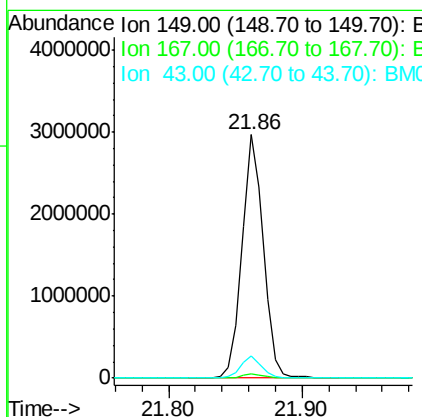
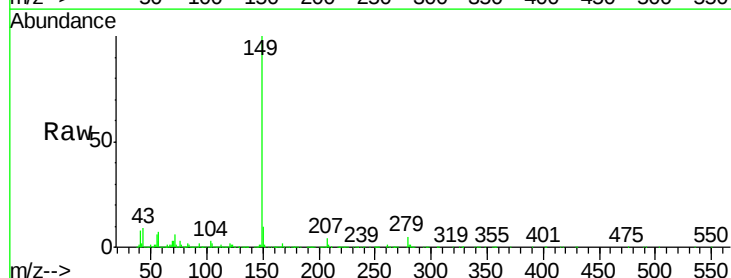
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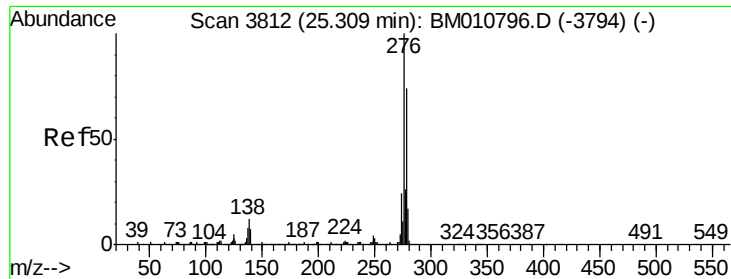
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 47.346 ng
 RT: 21.86 min Scan# 3226
 Delta R.T. -0.01 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

Tgt Ion:149 Resp: 3254494
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.8 7.3 10.9





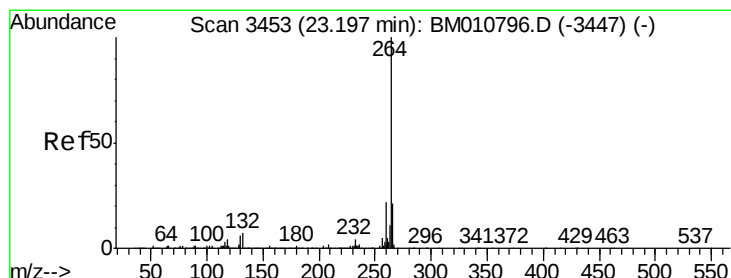
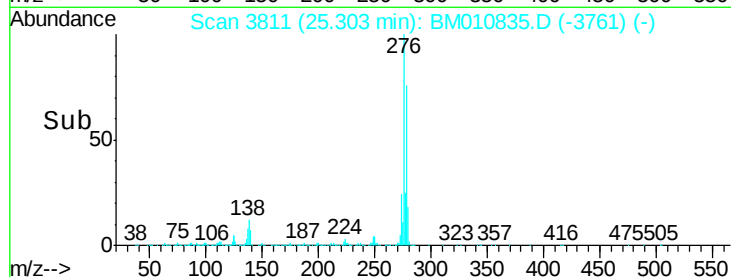
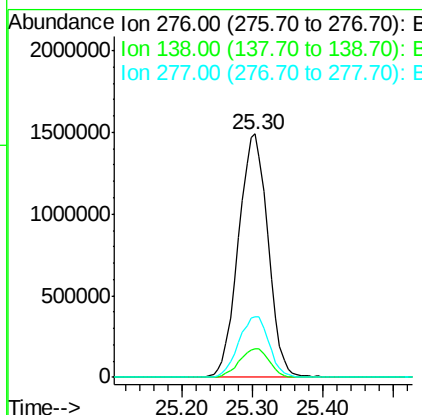
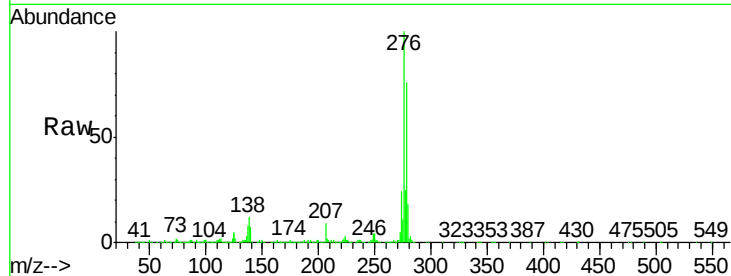
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.464 ng
RT: 25.30 min Scan# 3811
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion: 276 Resp: 4353189
Ion Ratio Lower Upper
276 100
138 12.0 0.0 0.0#
277 25.6 0.0 0.0#

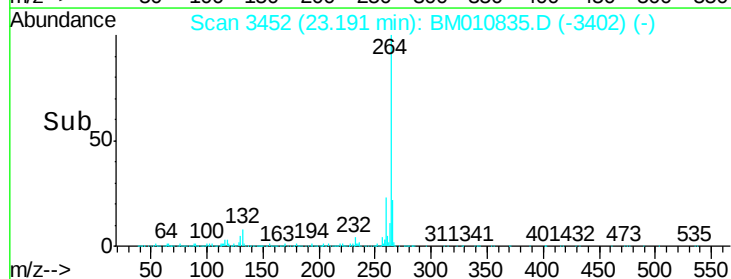
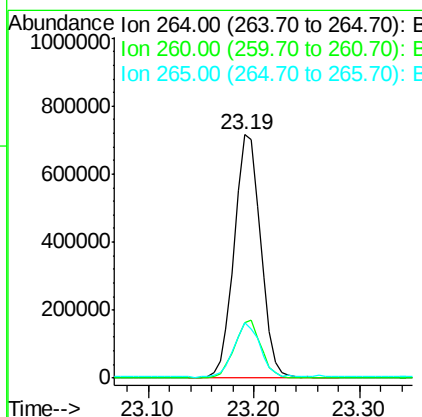
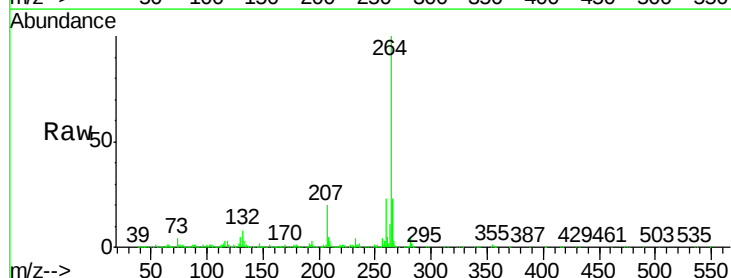
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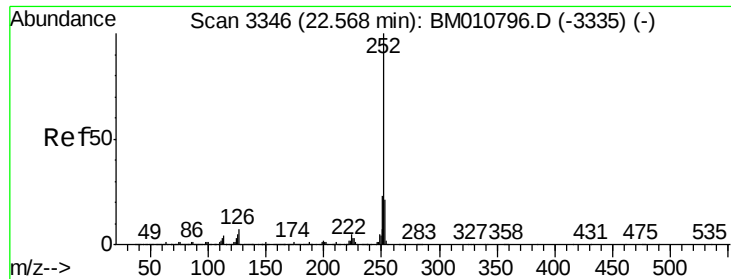
mohammad
7/17/2017 8:13:40 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion: 264 Resp: 1244703
Ion Ratio Lower Upper
264 100
260 22.7 18.6 27.8
265 22.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 49.112 ng

RT: 22.57 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Instrument :

BNA_M

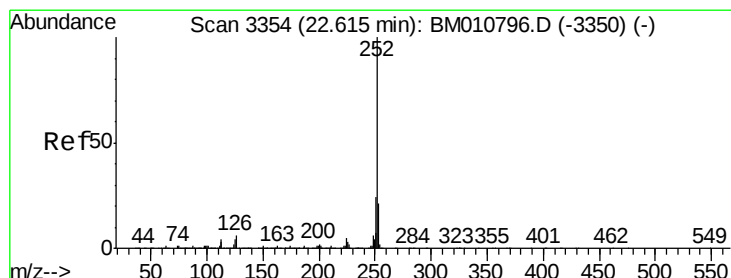
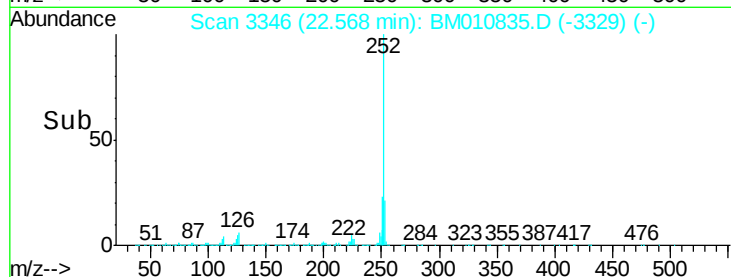
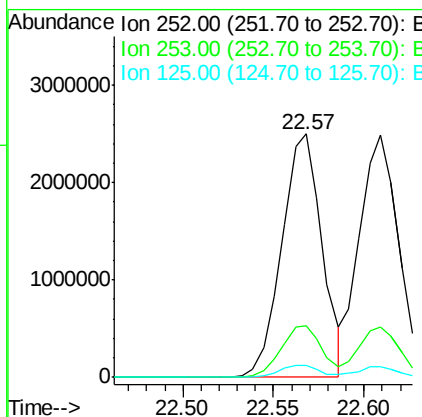
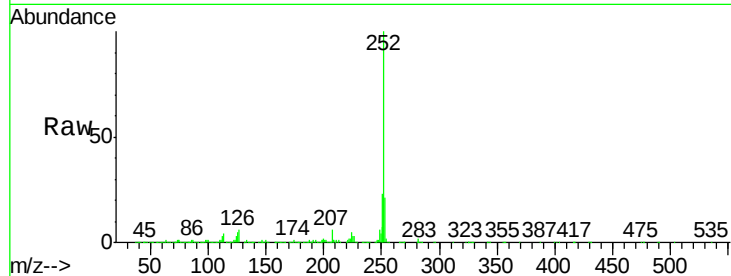
ClientSampleId :

TRANSFORMER-3-4-5-COMPMSD

Tgt Ion:	252	Resp:	3883002
Ion Ratio	Lower	Upper	
252	100		
253	21.0	18.0	27.0
125	4.9	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 49.575 ng

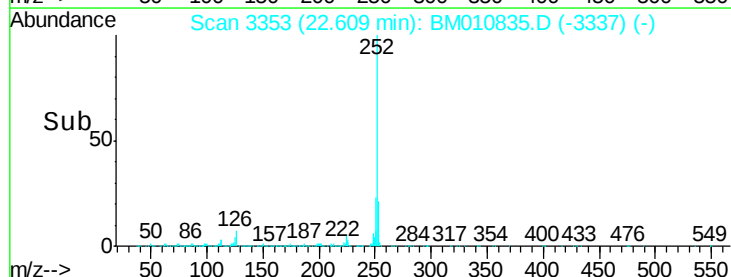
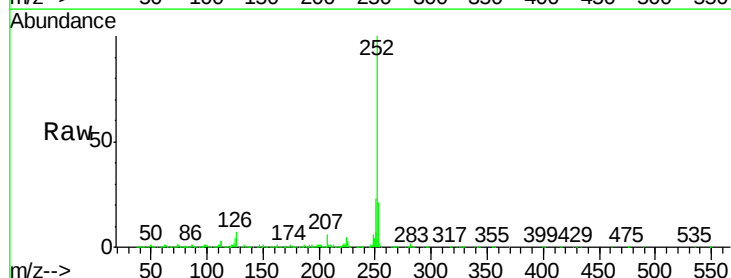
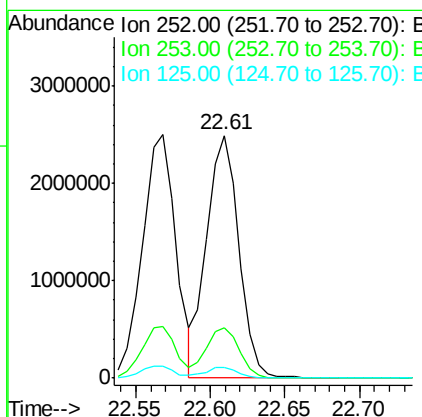
RT: 22.61 min Scan# 3353

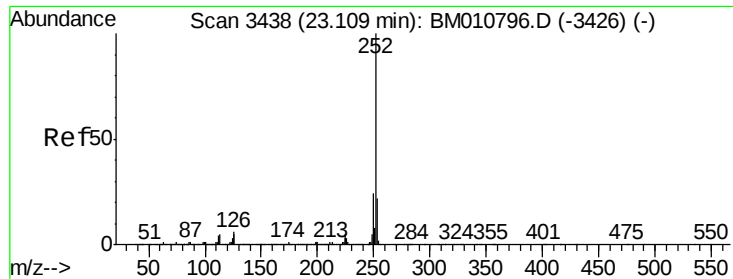
Delta R.T. -0.01 min

Lab File: BM010835.D

Acq: 14 Jul 2017 04:46

Tgt Ion:	252	Resp:	3743796
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.2	25.8
125	4.2	8.1	12.1#





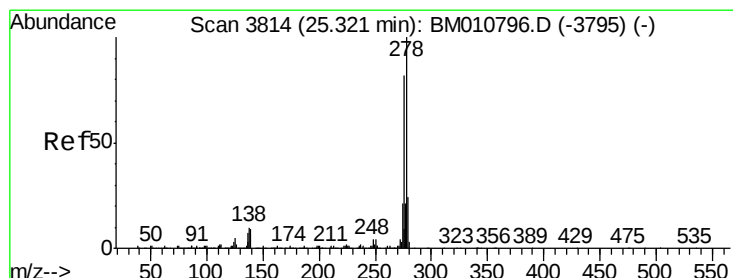
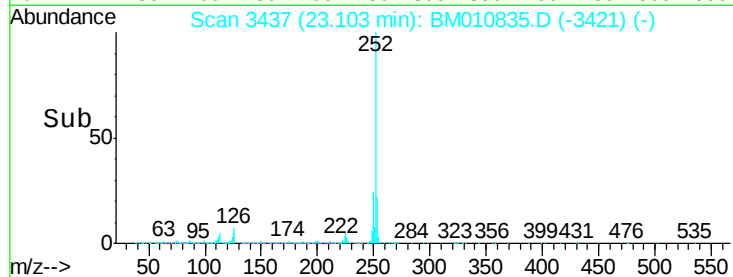
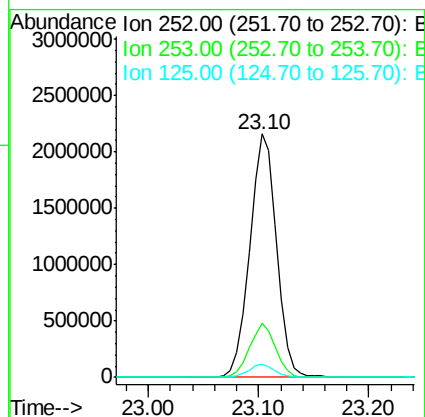
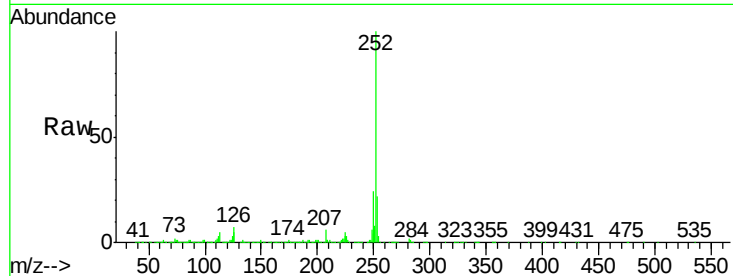
#89
Benzo(a)pyrene
Concen: 50.780 ng
RT: 23.10 min Scan# 3437
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	5.4	7.4	11.2

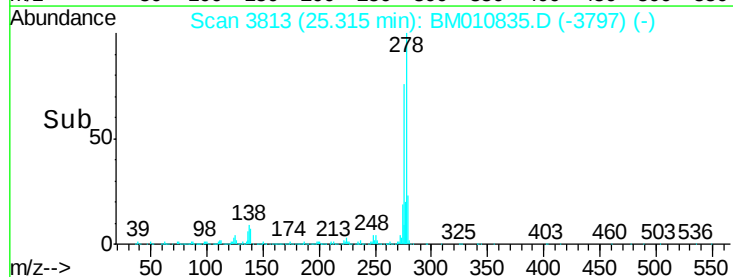
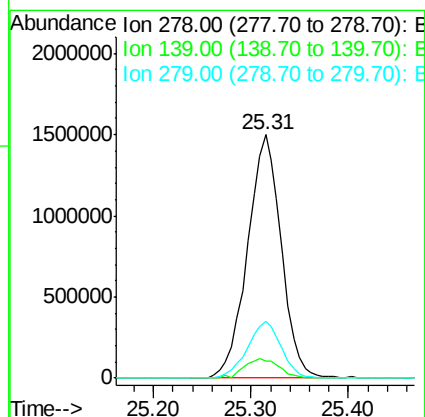
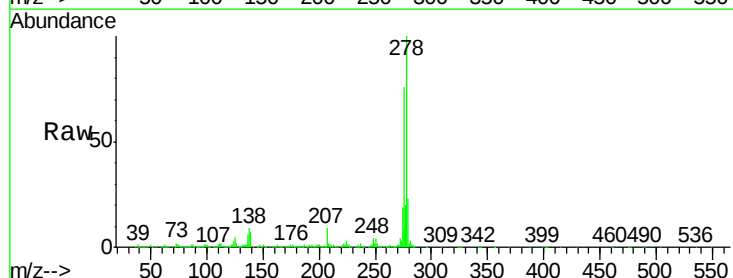
Manual Integrations
APPROVED

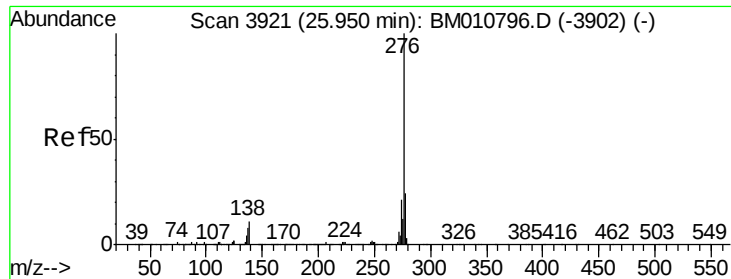
mohammad
7/17/2017 8:13:40 AM



#90
Dibenzo(a,h)anthracene
Concen: 52.001 ng
RT: 25.31 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BM010835.D
Acq: 14 Jul 2017 04:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	6.9	13.4	20.0
279	23.3	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 52.522 ng
 RT: 25.94 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BM010835.D
 Acq: 14 Jul 2017 04:46

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

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.5	27.7
138	10.7	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 7/17/2017 8:13:40 AM

