

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010814.D
 Acq On : 13 Jul 2017 16:07
 Operator : SJ/JU
 Sample : PB100537BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Manual Integrations
 APPROVED

mohammad
 7/17/2017 8:13:15 AM

Quant Time: Jul 13 18:51:44 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	148381	20.00	ng	0.00
21) Naphthalene-d8	10.21	136	576349	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	394810	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1005833	20.00	ng	0.00
75) Chrysene-d12	21.07	240	1317138	20.00	ng	0.00
86) Perylene-d12	23.20	264	1294833	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.08	112	1169309	130.54	ng	0.00
7) Phenol-d6	6.64	99	1496782	121.21	ng	0.00
23) Nitrobenzene-d5	8.59	82	1192391	79.52	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	847325	140.44	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	2636408	83.07	ng	0.00
78) Terphenyl-d14	19.51	244	4997112	73.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	119035	30.116	ng	# 100
3) Pyridine	3.46	79	355132	32.871	ng	# 88
4) n-Nitrosodimethylamine	3.38	42	247271	44.782	ng	# 61
6) Aniline	6.79	93	555536	35.912	ng	# 88
8) 2-Chlorophenol	7.02	128	368942	41.600	ng	# 79
9) Benzaldehyde	6.60	77	237032	27.644	ng	80
10) Phenol	6.67	94	525755	40.268	ng	97
11) bis(2-Chloroethyl)ether	6.89	93	391744	38.958	ng	92
12) 1,3-Dichlorobenzene	7.34	146	425727	38.843	ng	# 81
13) 1,4-Dichlorobenzene	7.48	146	438531	38.772	ng	# 88
14) 1,2-Dichlorobenzene	7.79	146	414020	38.414	ng	# 89
15) Benzyl Alcohol	7.69	79	499044	42.678	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	7.97	45	362154	41.541	ng	81
17) 2-Methylphenol	7.89	107	344077	40.748	ng	# 79
18) Hexachloroethane	8.50	117	191304	40.325	ng	# 79
19) n-Nitroso-di-n-propylamine	8.25	70	371563	37.984	ng	# 94
20) 3+4-Methylphenols	8.22	107	483162	41.185	ng	# 84
22) Acetophenone	8.26	105	671491	38.695	ng	# 92
24) Nitrobenzene	8.63	77	610399	39.721	ng	91
25) Isophorone	9.16	82	953859	38.831	ng	# 88
26) 2-Nitrophenol	9.33	139	203025	39.704	ng	# 21
27) 2,4-Dimethylphenol	9.40	122	368742	40.404	ng	# 74
28) bis(2-Chloroethoxy)methane	9.65	93	544492	39.542	ng	98
29) 2,4-Dichlorophenol	9.86	162	419081	40.650	ng	94
30) 1,2,4-Trichlorobenzene	10.07	180	501736	39.809	ng	99
31) Naphthalene	10.26	128	1182745	40.359	ng	98
32) Benzoic acid	9.53	122	252993	35.331	ng	# 66
33) 4-Chloroaniline	10.37	127	367383	31.116	ng	# 75
34) Hexachlorobutadiene	10.55	225	410005	41.925	ng	93
35) Caprolactam	11.15	113	109926m	40.050	ng	
36) 4-Chloro-3-methylphenol	11.51	107	488749	39.193	ng	# 77
37) 2-Methylnaphthalene	11.88	142	915577	43.497	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	648811	37.701	ng	# 100
40) Hexachlorocyclopentadiene	12.25	237	1027073	104.109	ng	95

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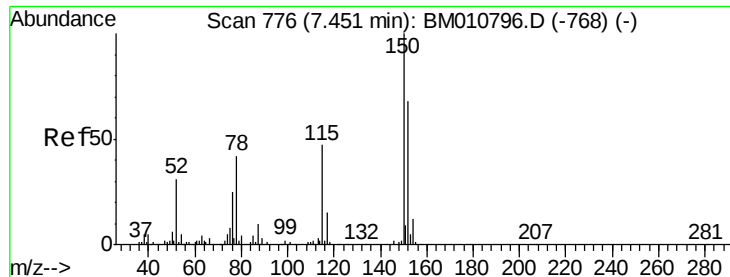
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Quant Time: Jul 13 18:51:44 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	415075	39.170	ng	98
43) 2,4,5-Trichlorophenol	12.58	196	433583	41.443	ng	# 88
45) 1,1'-Biphenyl	12.92	154	1271514	36.967	ng	96
46) 2-Chloronaphthalene	12.96	162	1013195	40.173	ng	# 93
47) 2-Nitroaniline	13.17	65	359489	43.361	ng	# 73
48) Acenaphthylene	13.82	152	1542988	41.134	ng	98
49) Dimethylphthalate	13.57	163	1349050	40.165	ng	# 98
50) 2,6-Dinitrotoluene	13.69	165	269408	40.893	ng	# 50
51) Acenaphthene	14.16	154	919073	40.098	ng	99
52) 3-Nitroaniline	14.01	138	187133	31.245	ng	# 40
53) 2,4-Dinitrophenol	14.22	184	393388	86.378	ng	# 84
54) Dibenzofuran	14.50	168	1661683	44.818	ng	# 89
55) 4-Nitrophenol	14.33	139	445901	85.724	ng	# 1
56) 2,4-Dinitrotoluene	14.48	165	416147	45.522	ng	95
57) Fluorene	15.16	166	1357549	42.593	ng	97
58) 2,3,4,6-Tetrachlorophenol	14.73	232	471567	48.510	ng	# 100
59) Diethylphthalate	14.95	149	1449275	43.690	ng	98
60) 4-Chlorophenyl-phenylether	15.16	204	817330	41.746	ng	93
61) 4-Nitroaniline	15.19	138	276881	44.230	ng	# 1
62) Azobenzene	15.45	77	1651625	49.034	ng	86
64) 4,6-Dinitro-2-methylphenol	15.24	198	272482	41.082	ng	90
65) n-Nitrosodiphenylamine	15.38	169	1199237	41.668	ng	99
66) 4-Bromophenyl-phenylether	16.06	248	553094	43.390	ng	# 91
67) Hexachlorobenzene	16.16	284	595829	40.877	ng	# 90
68) Atrazine	16.34	200	522486	43.836	ng	97
69) Pentachlorophenol	16.51	266	786916	84.215	ng	97
70) Phenanthrene	16.90	178	2383254	45.546	ng	99
71) Anthracene	16.99	178	2391100	46.035	ng	100
72) Carbazole	17.26	167	2034614	44.477	ng	99
73) Di-n-butylphthalate	17.84	149	2443548	45.150	ng	# 96
74) Fluoranthene	18.92	202	3090864	47.695	ng	98
76) Benzidine	19.13	184	1679323	47.645	ng	99
77) Pyrene	19.29	202	3201570	41.929	ng	100
79) Butylbenzylphthalate	20.22	149	1175743	43.981	ng	# 72
80) Benzo(a)anthracene	21.05	228	3501039	45.873	ng	99
81) 3,3'-Dichlorobenzidine	21.00	252	1130434	37.670	ng	# 96
82) Chrysene	21.10	228	3228180	44.413	ng	99
83) Bis(2-ethylhexyl)phthalate	21.01	149	1717963	44.131	ng	97
84) Di-n-octyl phthalate	21.87	149	2983486	46.776	ng	99
85) Indeno(1,2,3-cd)pyrene	25.31	276	4066029	48.784	ng	# 100
87) Benzo(b)fluoranthene	22.57	252	3750570	45.601	ng	# 91
88) Benzo(k)fluoranthene	22.62	252	3483519	44.343	ng	# 95
89) Benzo(a)pyrene	23.11	252	3517528	46.985	ng	# 95
90) Dibenzo(a,h)anthracene	25.32	278	3368240	46.355	ng	# 92
91) Benzo(g,h,i)perylene	25.95	276	3318451	46.459	ng	# 84

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



#1

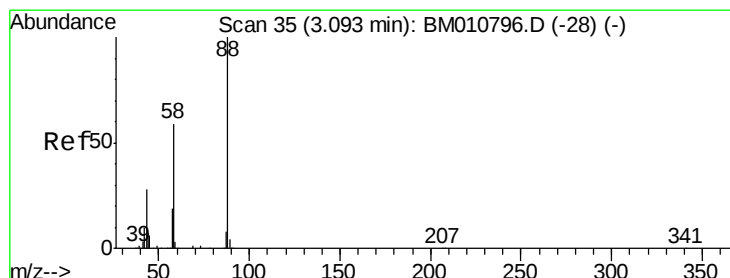
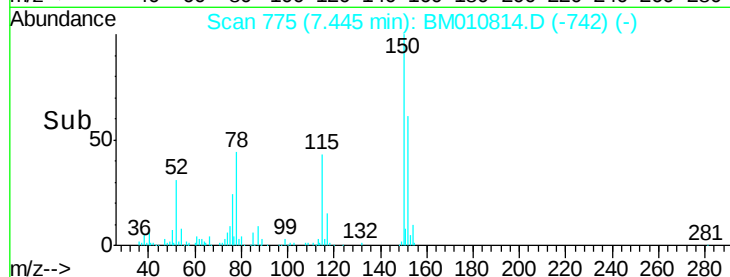
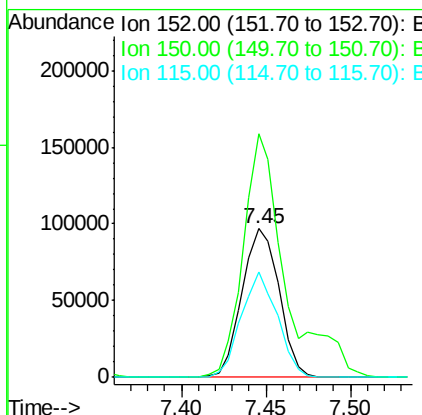
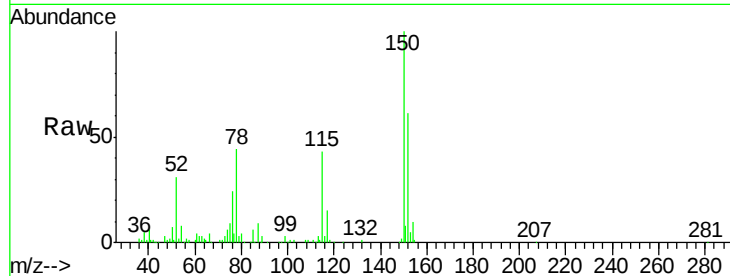
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		148381		
150	163.8		119.5	179.3	
115	70.6		43.0	64.4	

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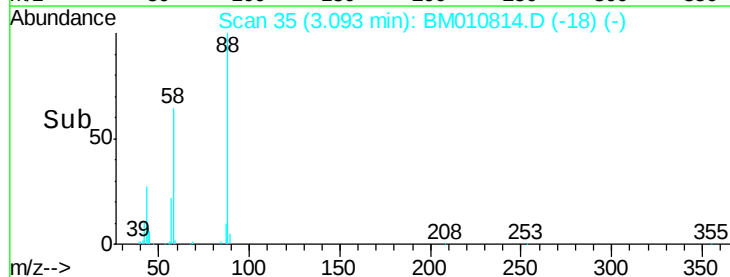
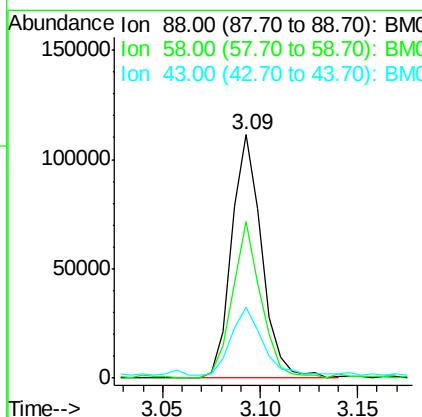
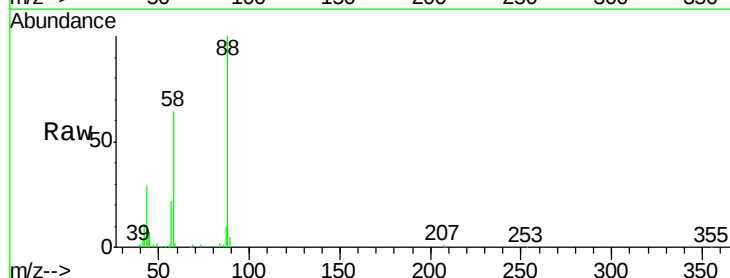
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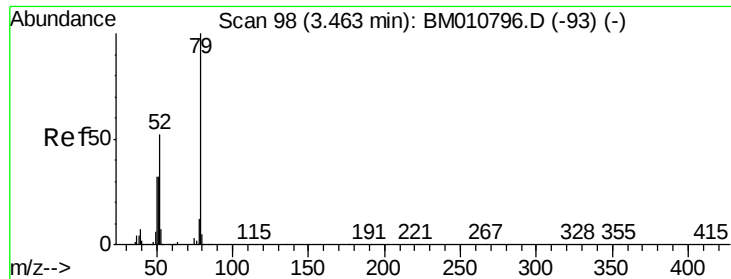


#2

1,4-Dioxane
Concen: 30.116 ng
RT: 3.09 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt	Ion	Ratio	Resp	Lower	Upper
88	100		119035		
58	60.2		0.0	0.0	
43	28.6		0.0	0.0	





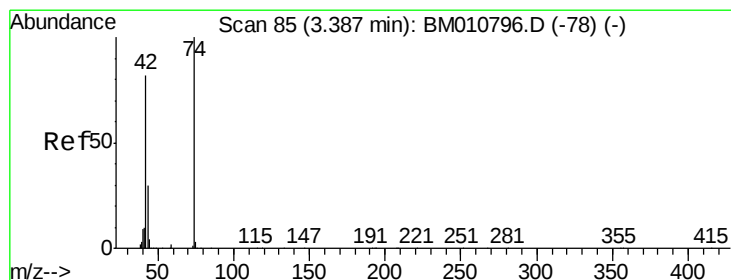
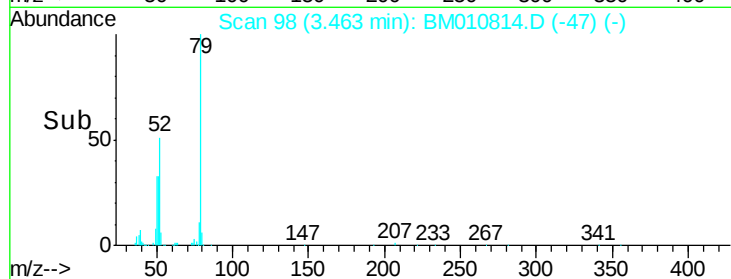
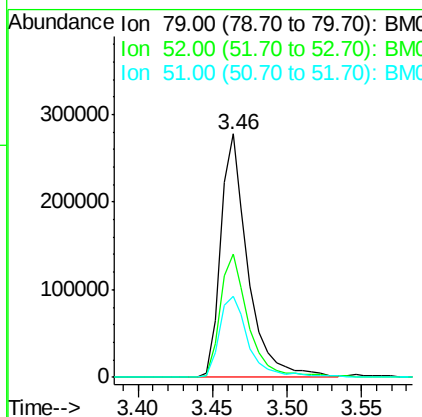
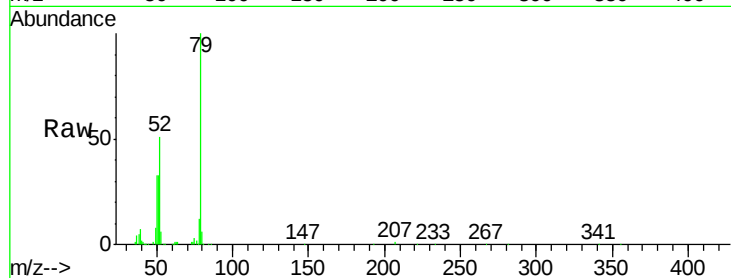
#3
 Pyridine
 Concen: 32.871 ng
 RT: 3.46 min Scan# 98
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	50.6	51.1	76.7#
51	33.5	26.1	39.1

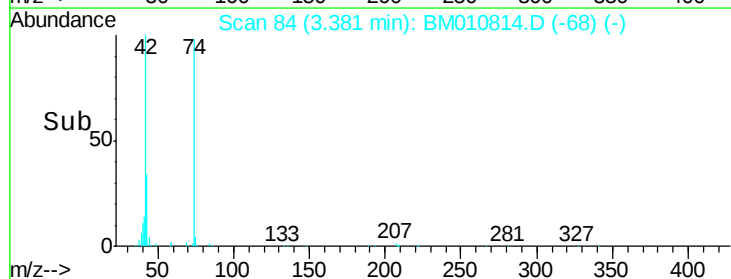
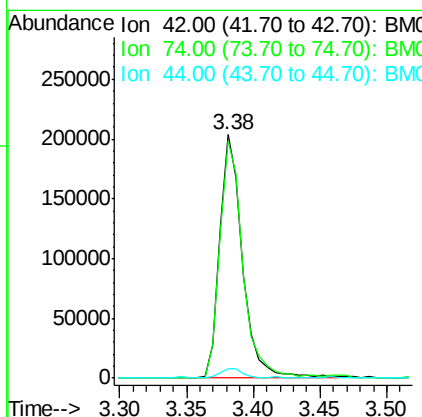
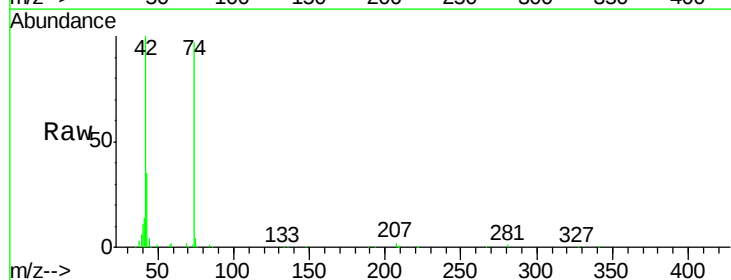
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#4
 n-Nitrosodimethylamine
 Concen: 44.782 ng
 RT: 3.38 min Scan# 84
 Delta R.T. -0.01 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	97.5	119.3	178.9#
44	3.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 130.539 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Instrument :

BNA_M

ClientSampleId :

PB100537BS

Tgt Ion:112 Resp: 1169309

Ion Ratio Lower Upper

112 100

64 66.5 38.6 57.8#

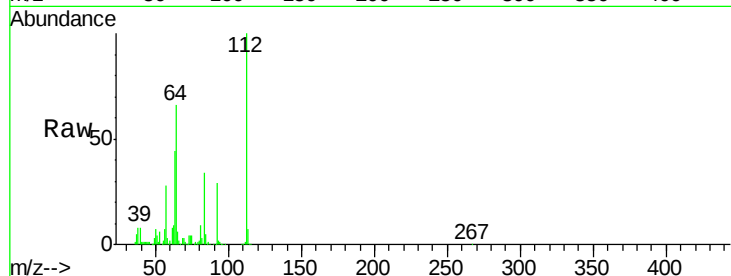
63 44.0 19.3 28.9#

Manual Integrations

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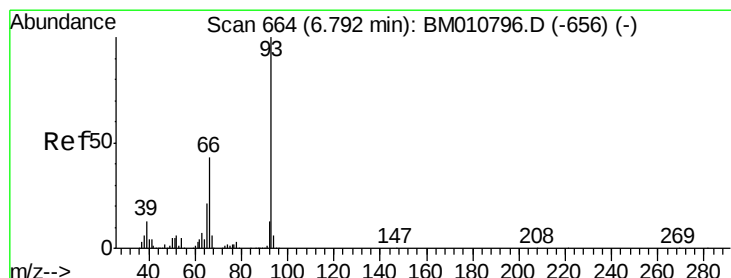
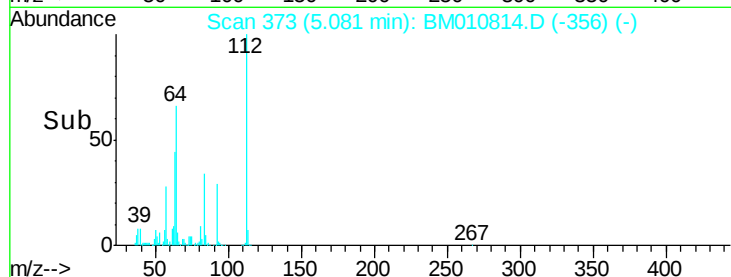
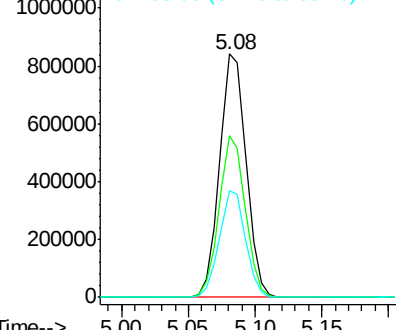
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 35.912 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

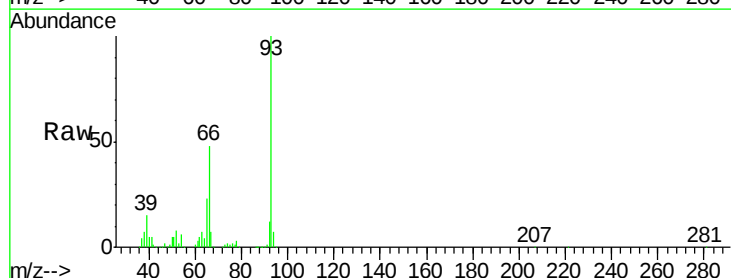
Tgt Ion: 93 Resp: 555536

Ion Ratio Lower Upper

93 100

66 47.6 30.8 46.2#

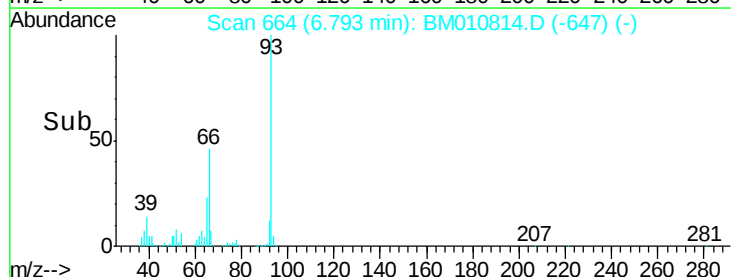
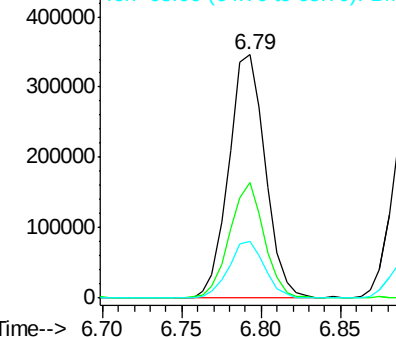
65 23.4 16.0 24.0

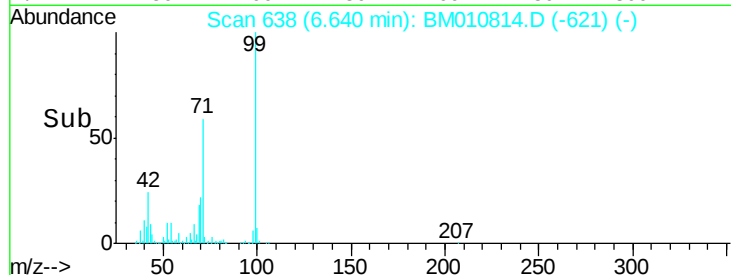
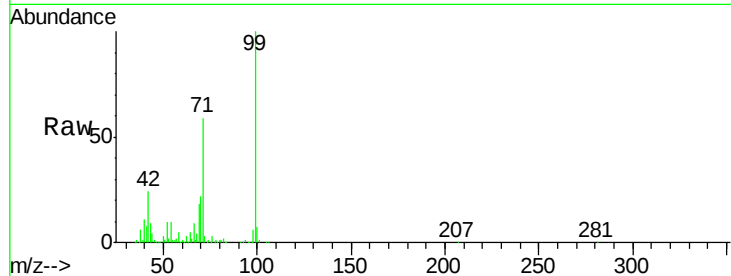
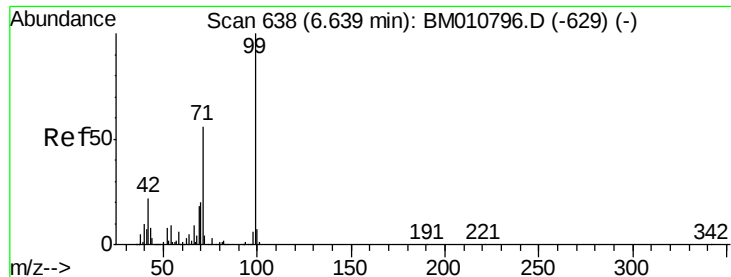


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 121.209 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
99	100		
42	24.2	11.0	16.4#
71	58.6	23.4	35.2#

Instrument :

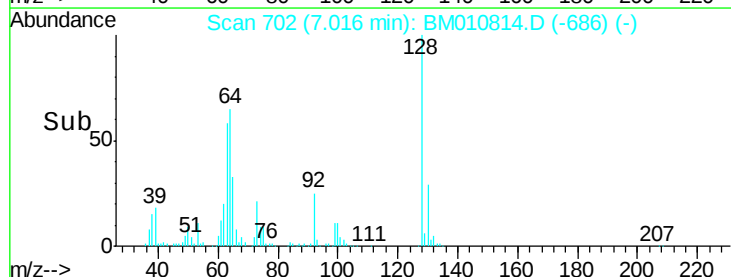
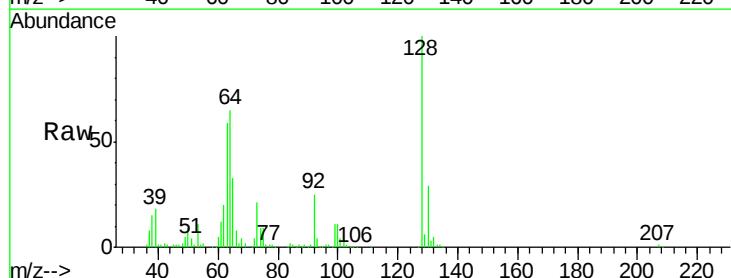
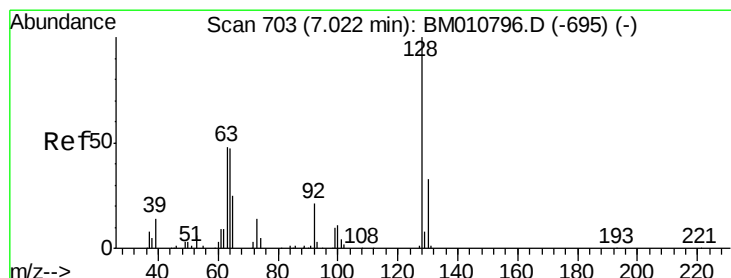
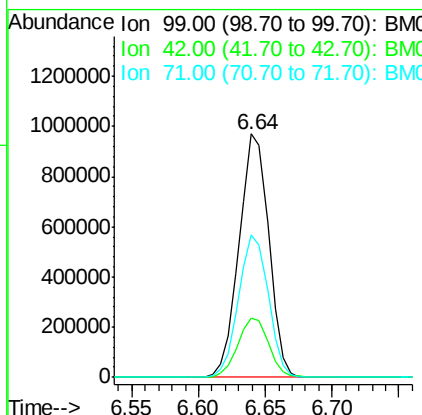
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#8

2-Chlorophenol

Concen: 41.600 ng

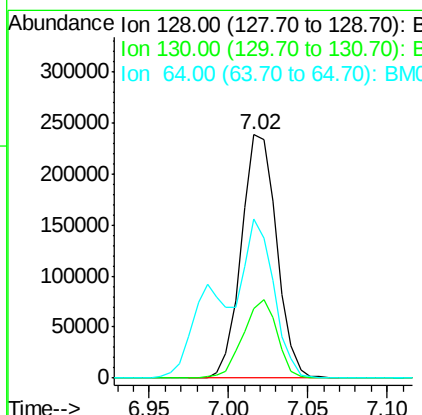
RT: 7.02 min Scan# 702

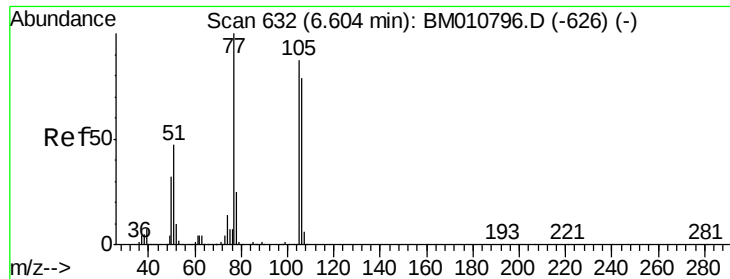
Delta R.T. -0.01 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
128	100		
130	28.8	12.0	52.0
64	65.2	24.9	64.9#





#9

Benzaldehyde

Concen: 27.644 ng

RT: 6.60 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Instrument :

BNA_M

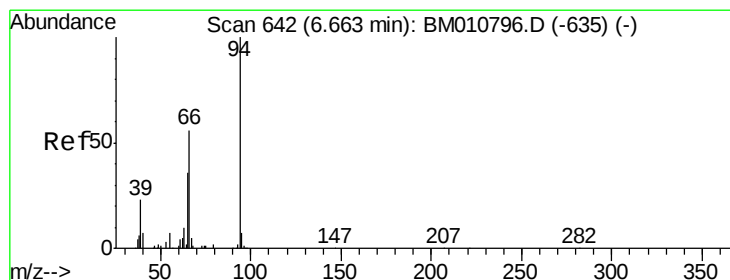
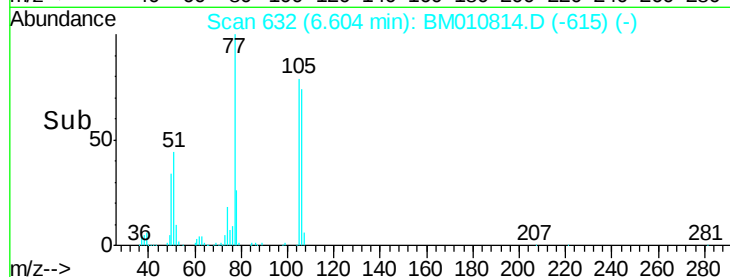
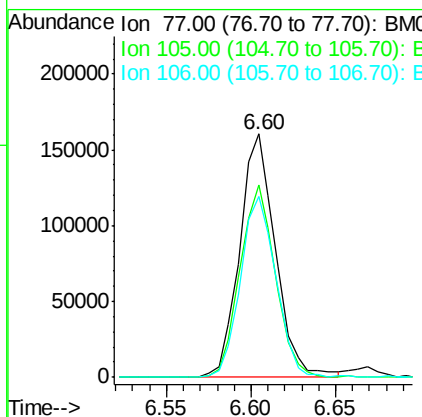
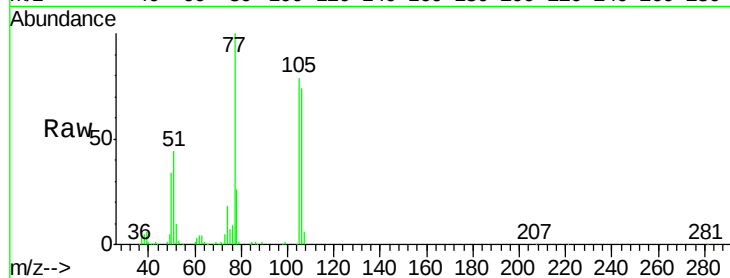
ClientSampleId :

PB100537BS

Tgt Ion:	77	Resp:	237032
Ion Ratio	Lower	Upper	
77	100		
105	79.2	78.8	118.8
106	74.4	73.7	113.7

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#10

Phenol

Concen: 40.268 ng

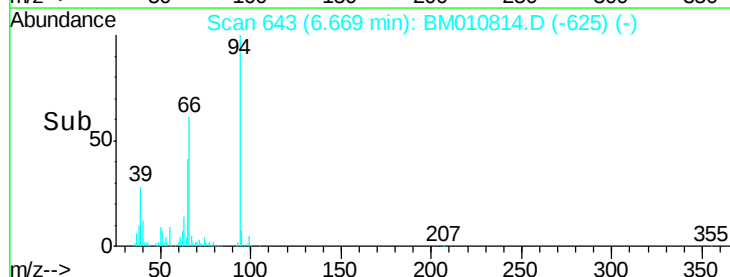
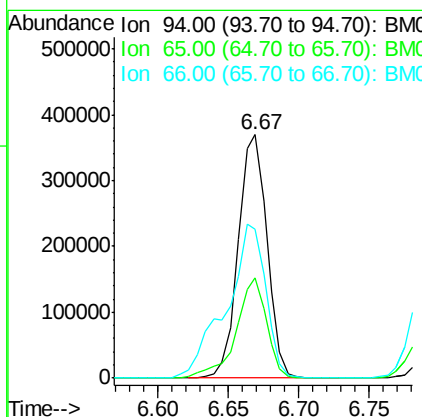
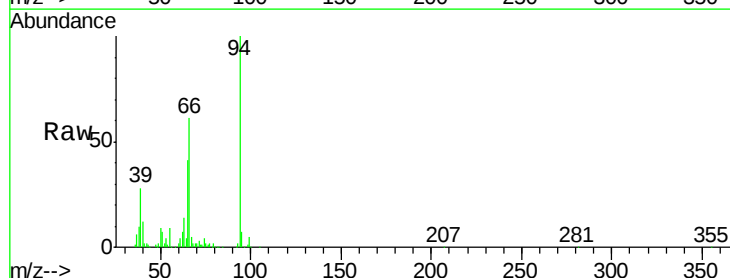
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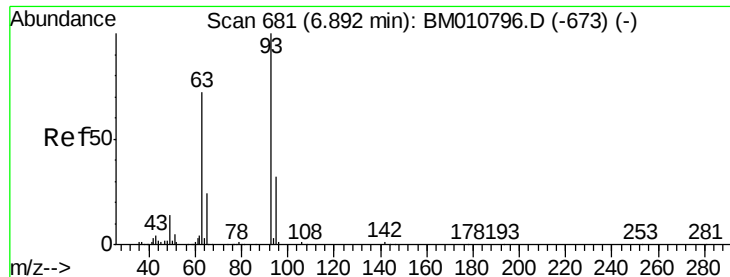
Delta R.T. 0.01 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Tgt Ion:	94	Resp:	525755
Ion Ratio	Lower	Upper	
94	100		
65	41.0	18.8	58.8
66	61.4	39.9	79.9





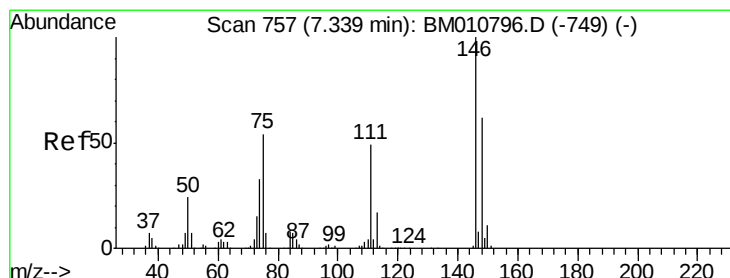
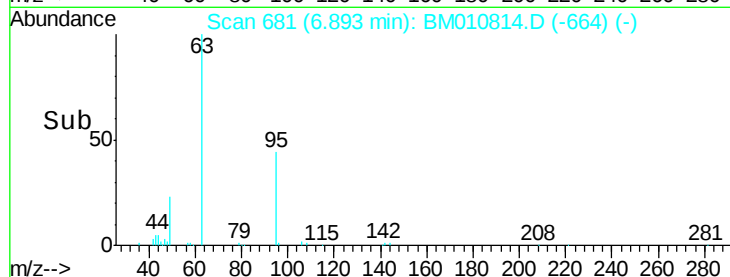
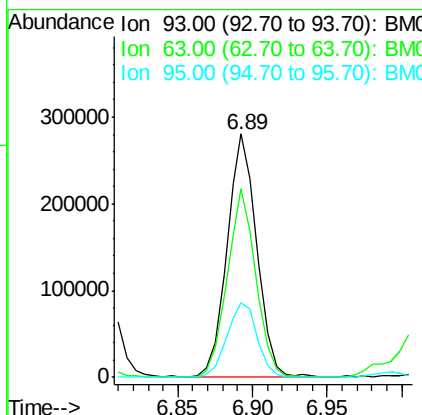
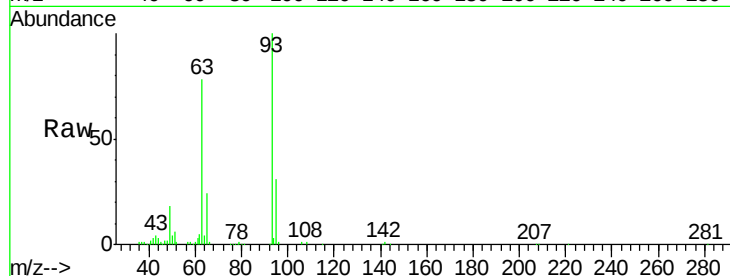
#11
bis(2-Chloroethyl)ether
Concen: 38.958 ng
RT: 6.89 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	391744		
63	77.7	49.5	89.5	
95	30.7	13.5	53.5	

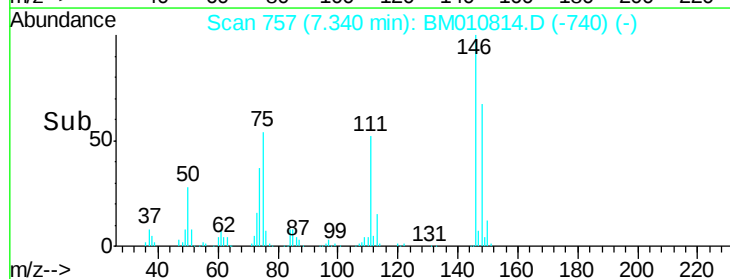
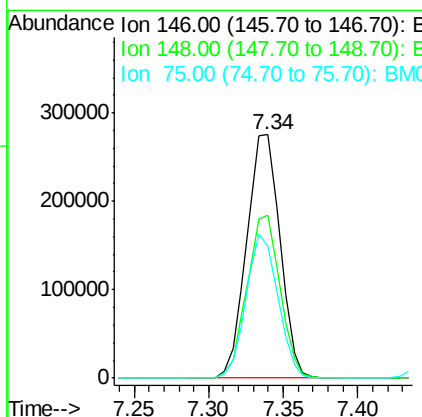
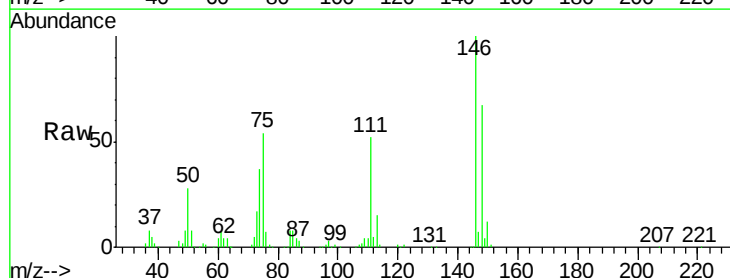
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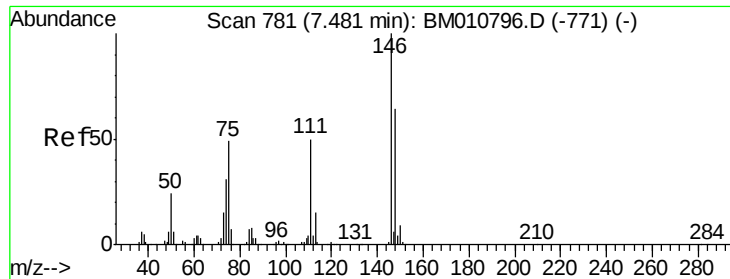
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#12
1,3-Dichlorobenzene
Concen: 38.843 ng
RT: 7.34 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	425727		
148	66.9	50.9	76.3	
75	54.4	21.4	32.2	





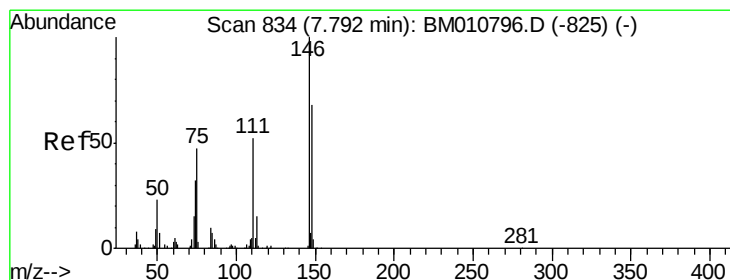
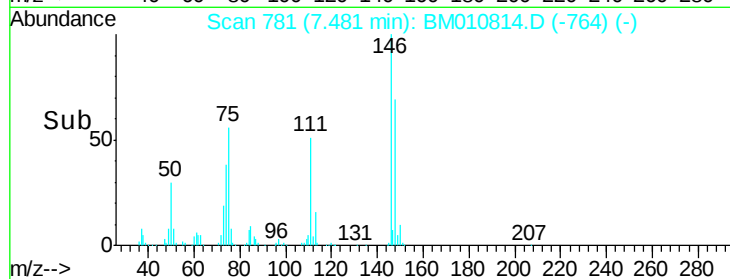
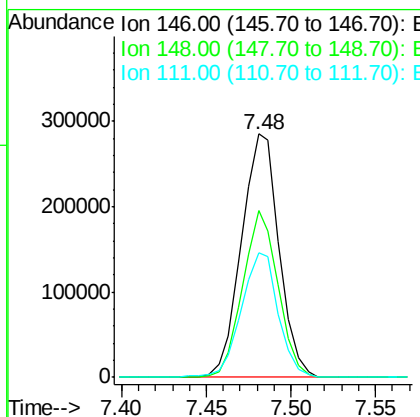
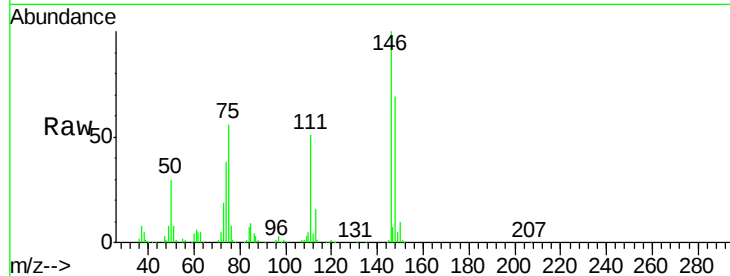
#13
 1,4-Dichlorobenzene
 Concen: 38.772 ng
 RT: 7.48 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	51.9	77.9
111	51.3	29.2	43.8

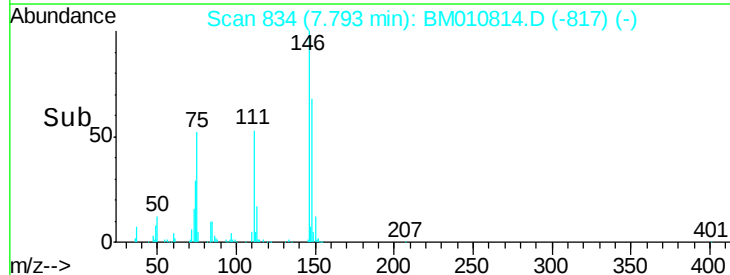
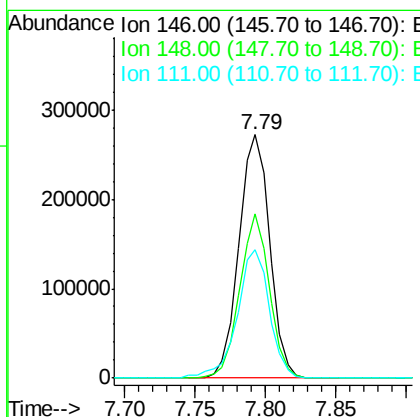
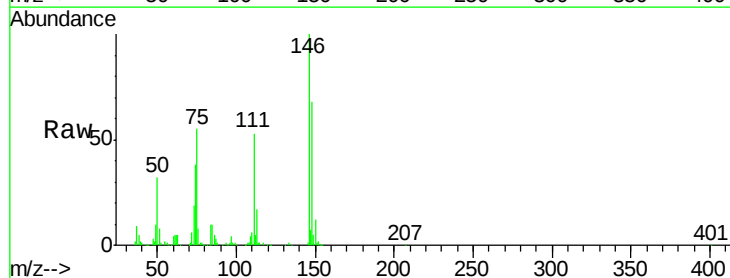
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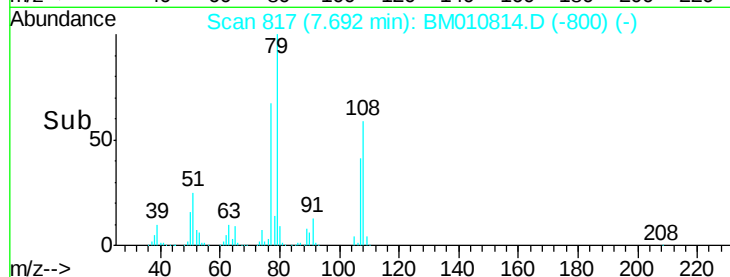
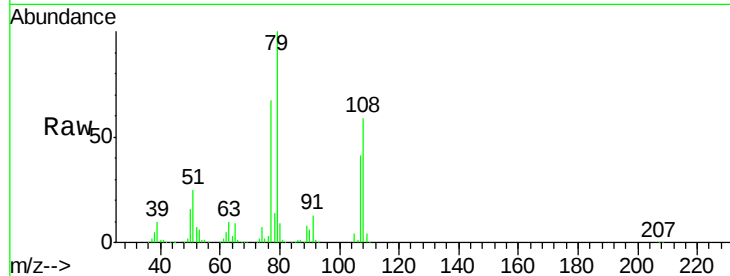
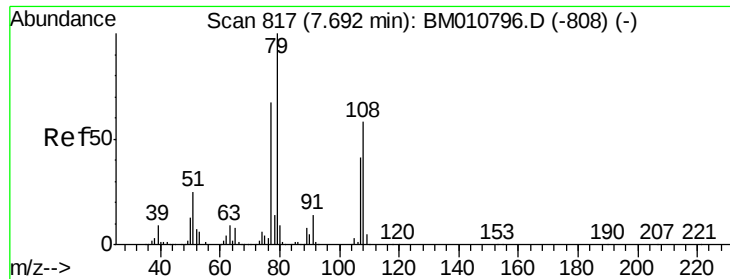
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#14
 1,2-Dichlorobenzene
 Concen: 38.414 ng
 RT: 7.79 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	52.3	78.5
111	52.9	30.6	45.8





#15

Benzyl Alcohol

Concen: 42.678 ng

RT: 7.69 min Scan# 817

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Tgt Ion:	79	Resp:	499044
Ion Ratio	Lower	Upper	
79	100		
108	58.6	65.0	97.4#
77	67.4	53.0	79.6

Instrument :

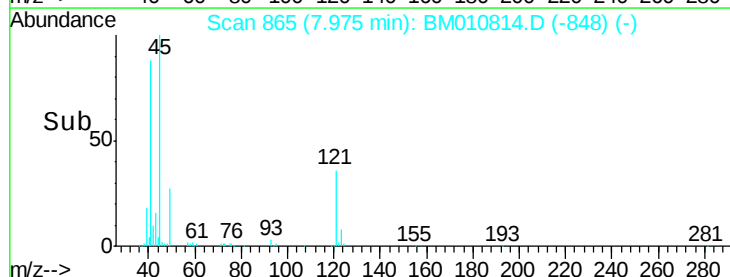
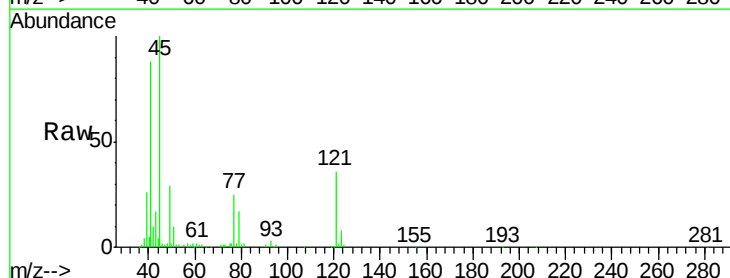
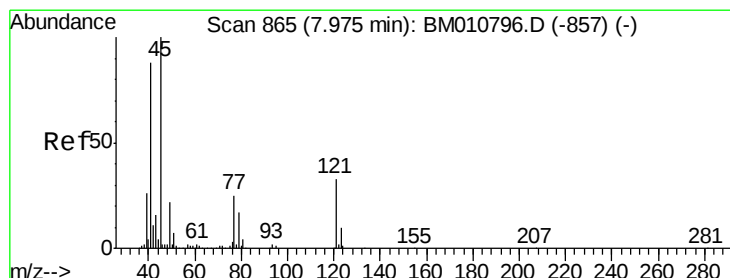
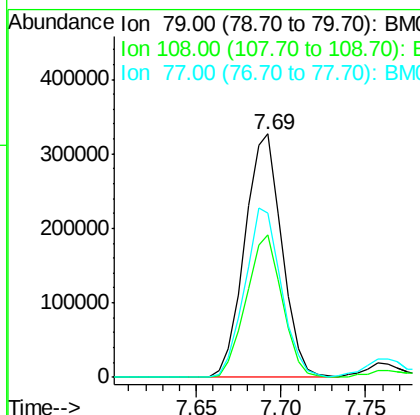
BNA_M

ClientSampleId :

PB100537BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.541 ng

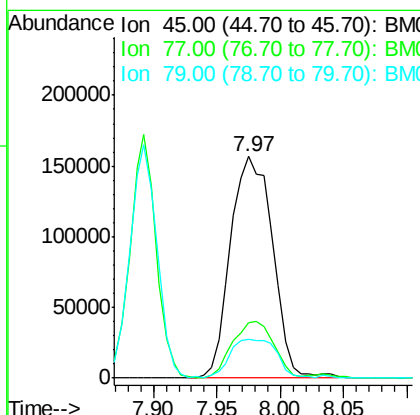
RT: 7.97 min Scan# 865

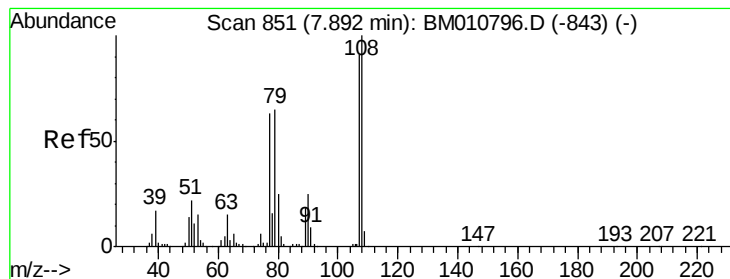
Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Tgt Ion:	45	Resp:	362154
Ion Ratio	Lower	Upper	
45	100		
77	24.8	0.0	35.2
79	17.5	0.0	32.0





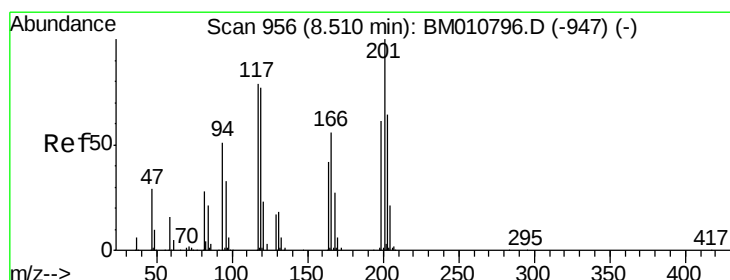
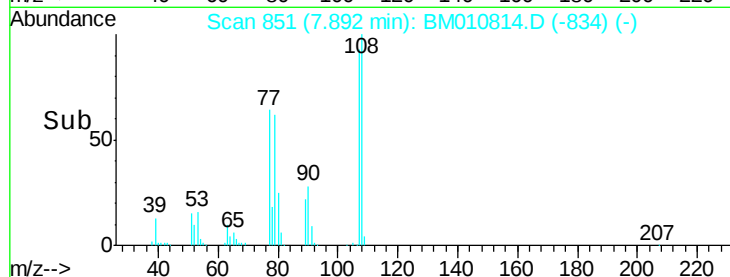
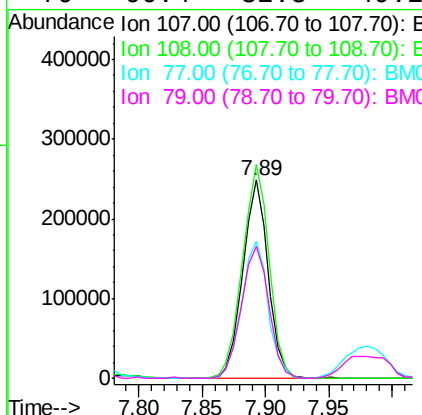
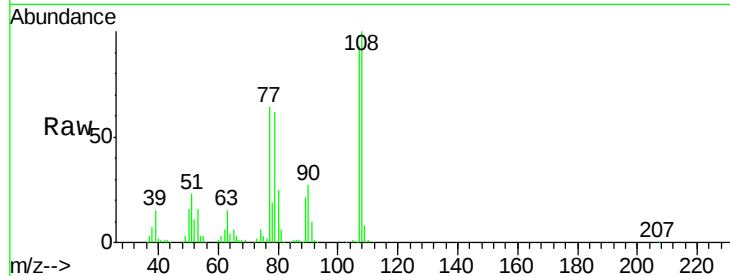
#17
2-Methylphenol
Concen: 40.748 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	107.7	89.8	134.8
77	69.2	32.6	48.8
79	66.4	32.8	49.2

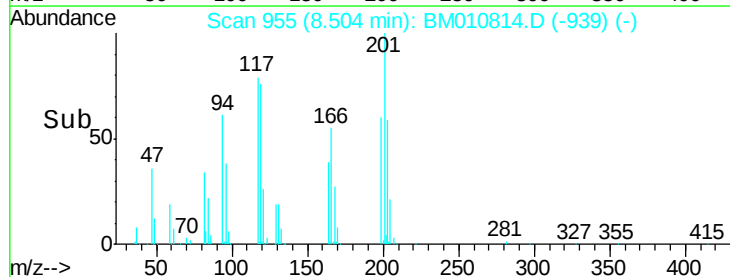
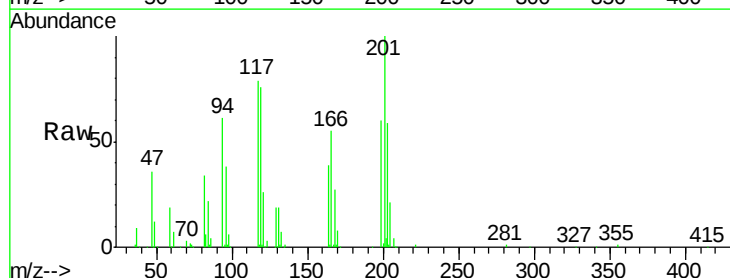
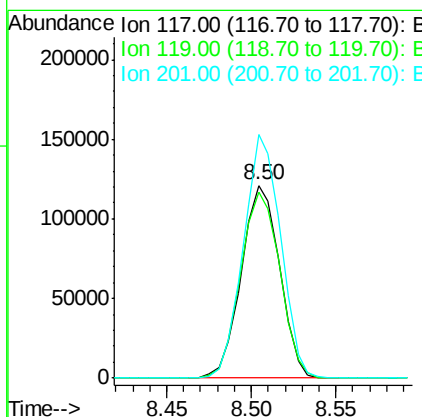
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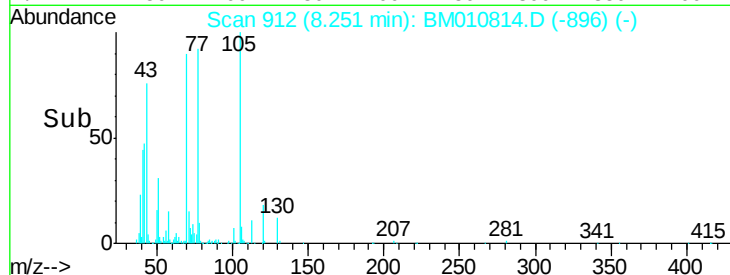
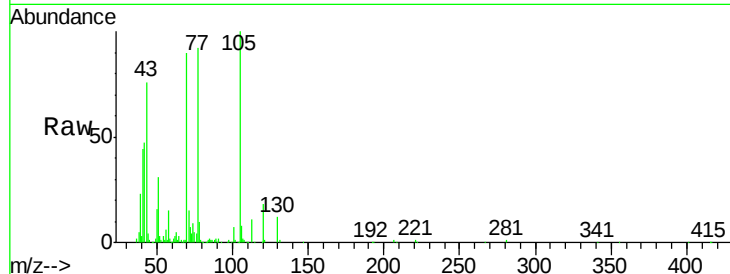
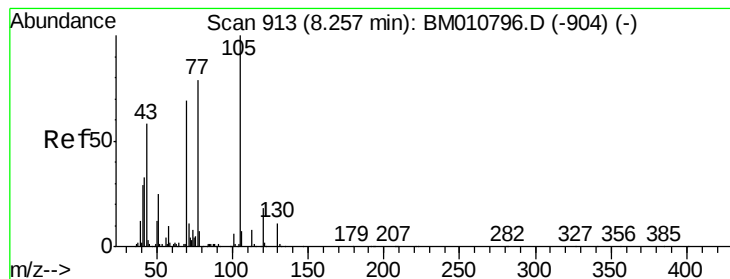
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#18
Hexachloroethane
Concen: 40.325 ng
RT: 8.50 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.2	79.2	118.8
201	126.2	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 37.984 ng

RT: 8.25 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Instrument :

BNA_M

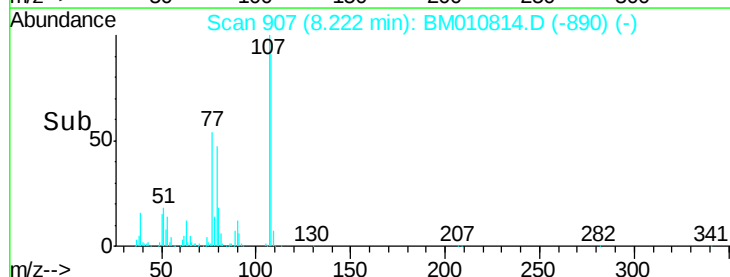
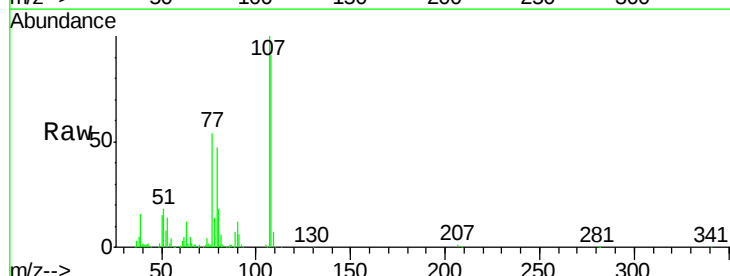
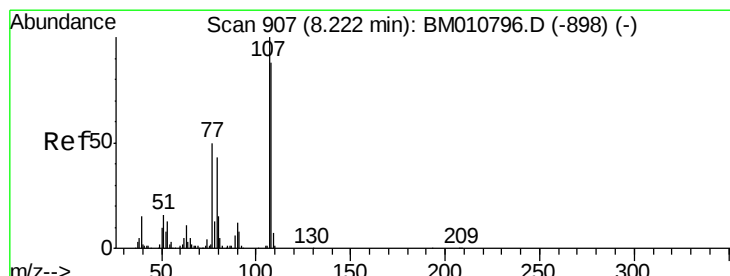
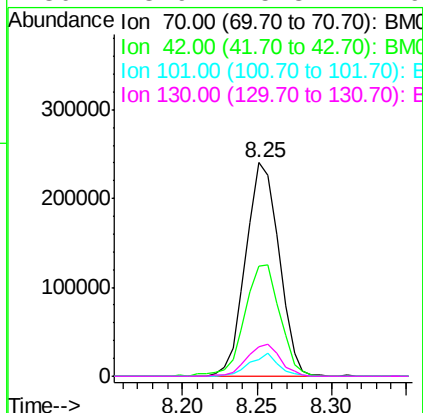
ClientSampleId :

PB100537BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	51.8	44.5	66.7	
101	7.9	7.4	11.2	
130	13.9	15.3	22.9	

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#20

3+4-Methylphenols

Concen: 41.185 ng

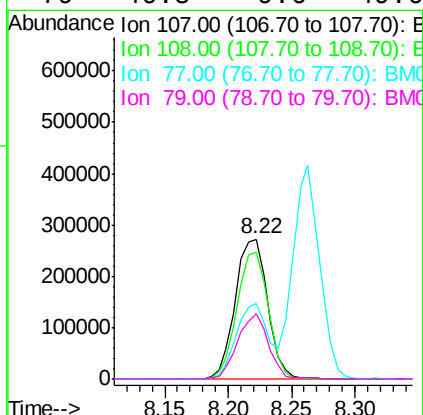
RT: 8.22 min Scan# 907

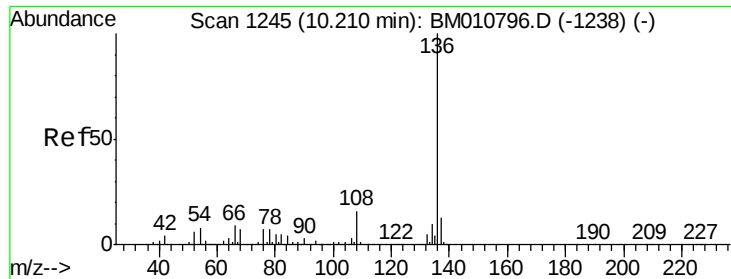
Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.0	73.2	113.2	
77	54.3	10.7	50.7	
79	46.5	9.6	49.6	





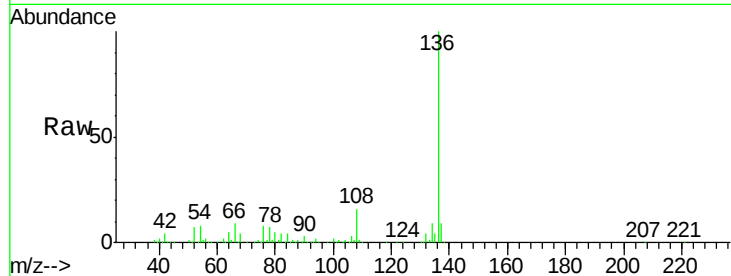
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.21 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

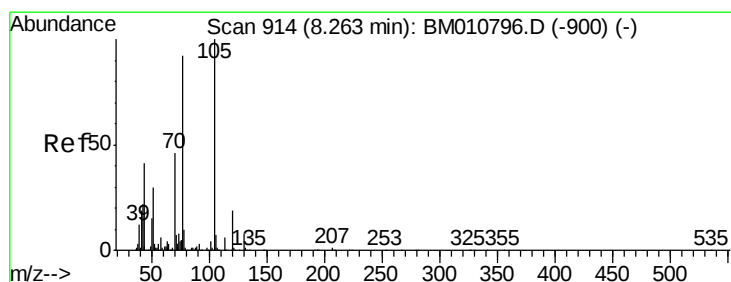
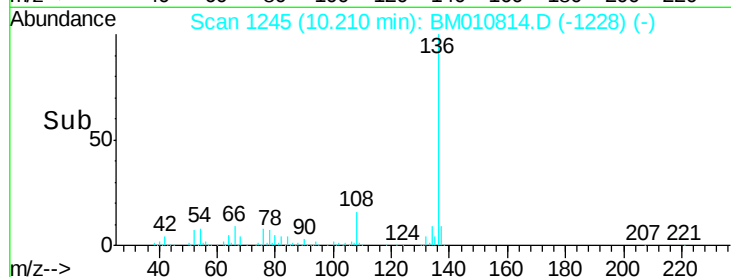
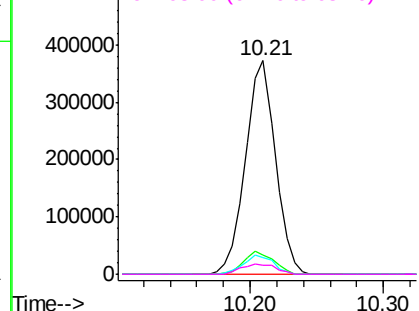
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	576349		
137	9.2	8.7	13.1	
54	8.0	4.6	6.8#	
68	4.0	3.7	5.5	

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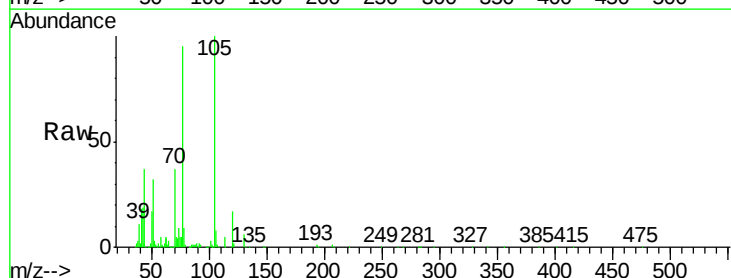


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

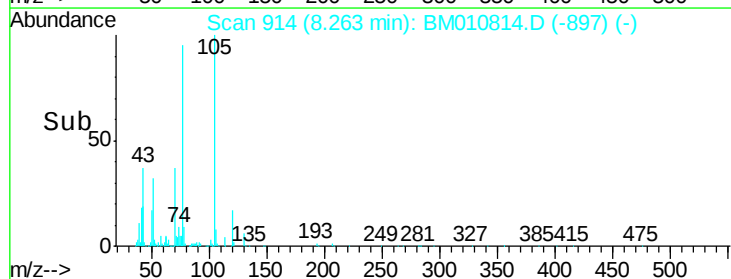
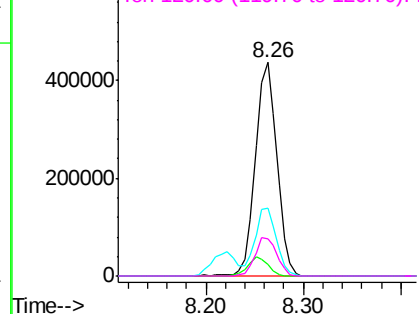


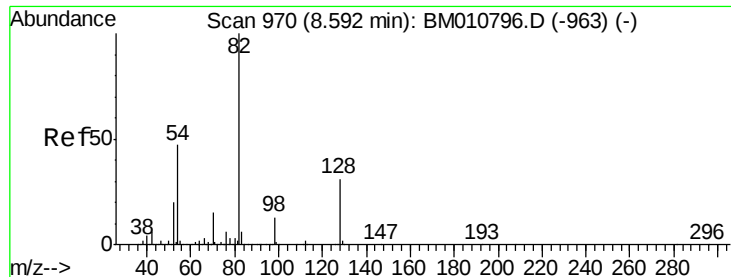
#22
Acetophenone
Concen: 38.695 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	671491		
71	5.4	0.6	1.0#	
51	31.9	21.6	32.4	
120	17.4	16.1	24.1	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





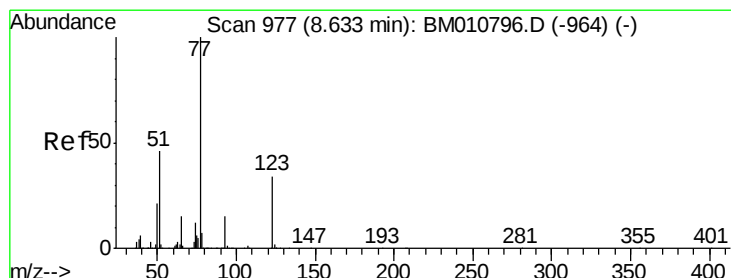
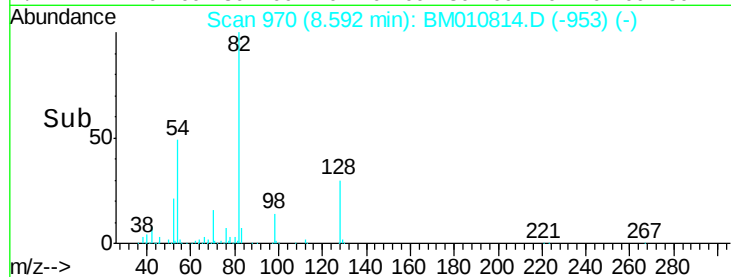
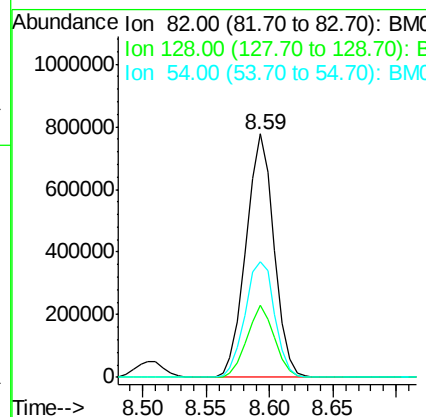
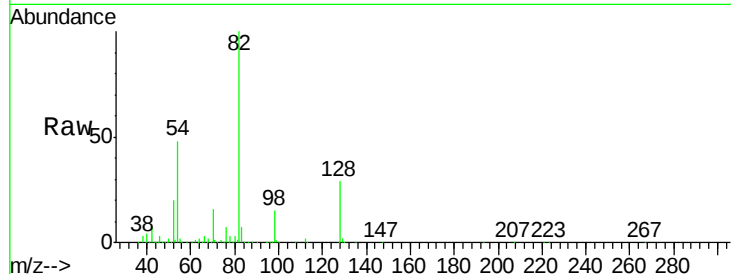
#23
 Nitrobenzene-d5
 Concen: 79.522 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampled :
 PB100537BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	29.4	32.8	49.2#
54	47.5	40.6	60.8

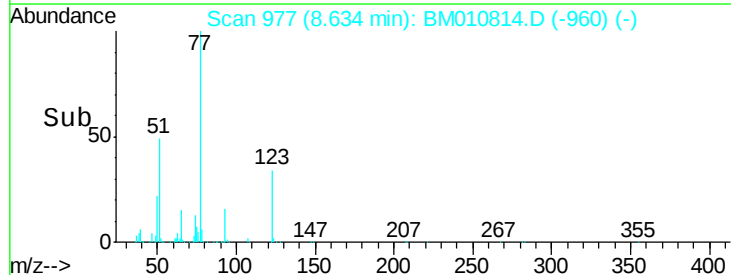
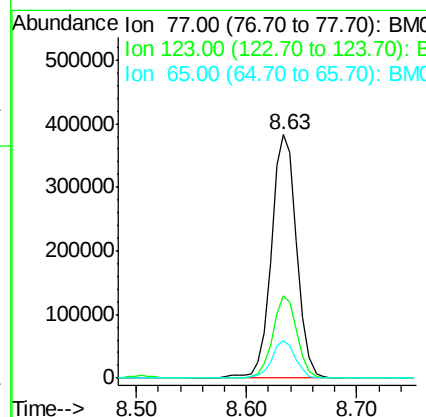
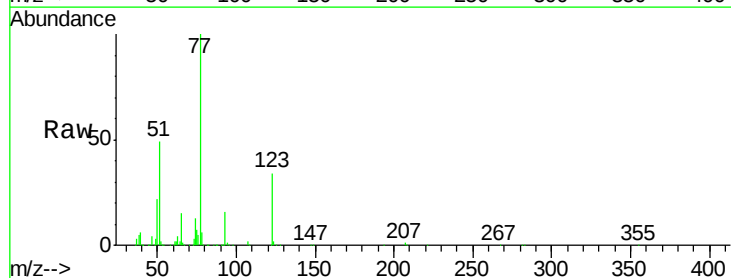
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#24
 Nitrobenzene
 Concen: 39.721 ng
 RT: 8.63 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.1	32.6	49.0
65	15.4	10.9	16.3





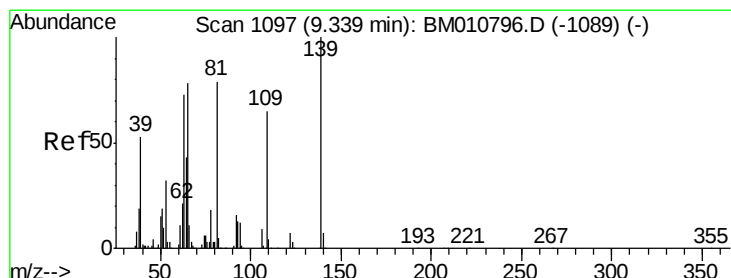
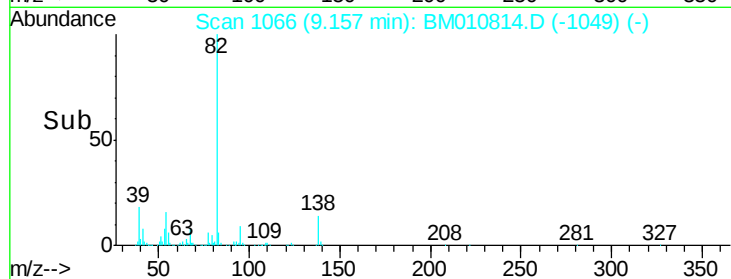
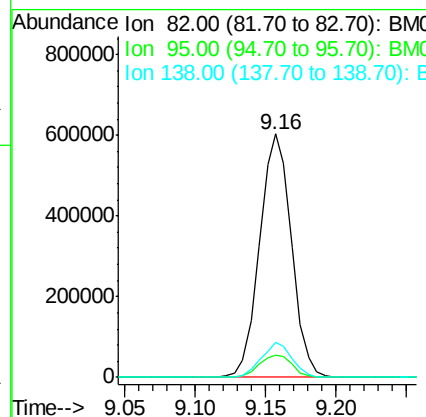
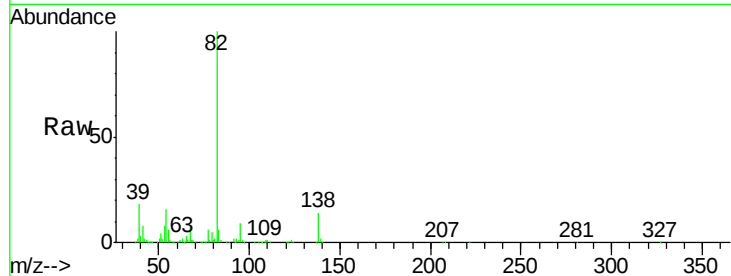
#25
Isophorone
Concen: 38.831 ng
RT: 9.16 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	9.2	5.8	8.6#
138	14.1	16.3	24.5#

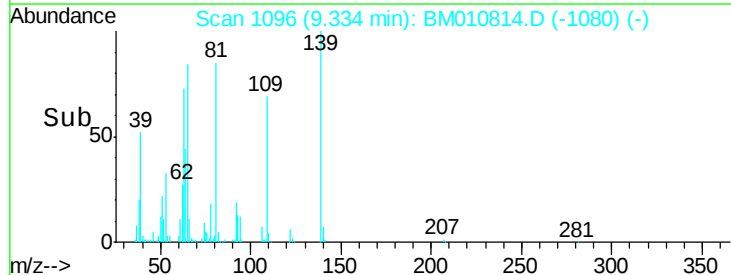
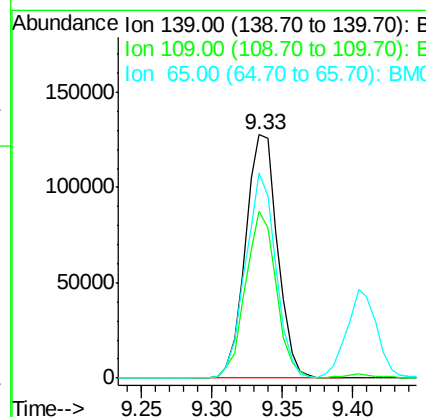
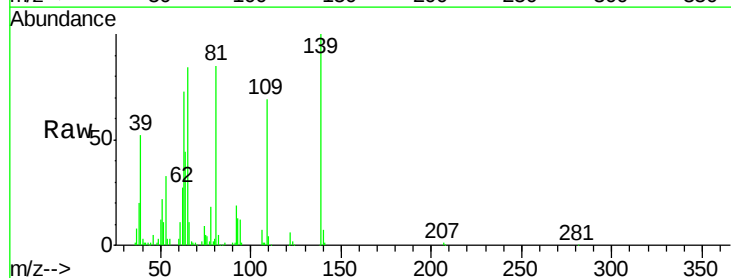
Manual Integrations
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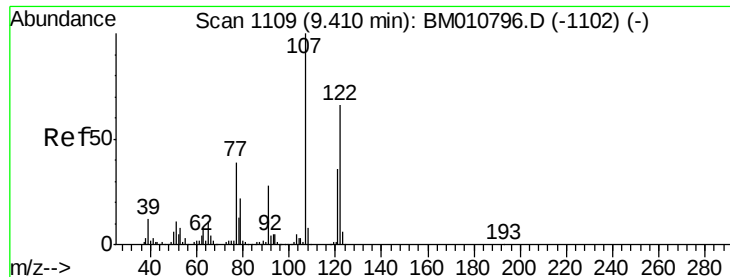
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#26
2-Nitrophenol
Concen: 39.704 ng
RT: 9.33 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	68.8	20.1	30.1#
65	84.3	31.5	47.3#





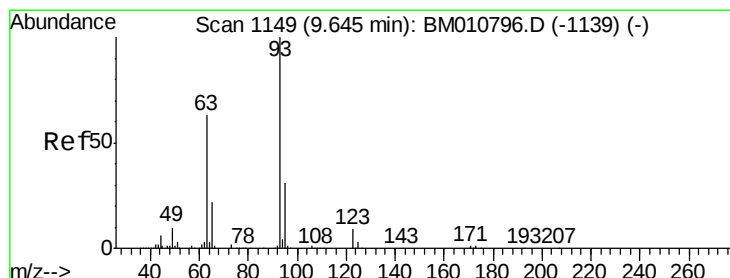
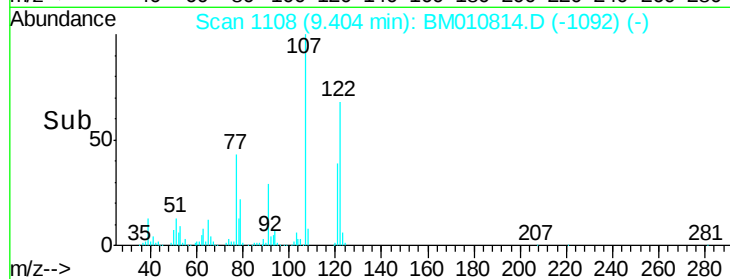
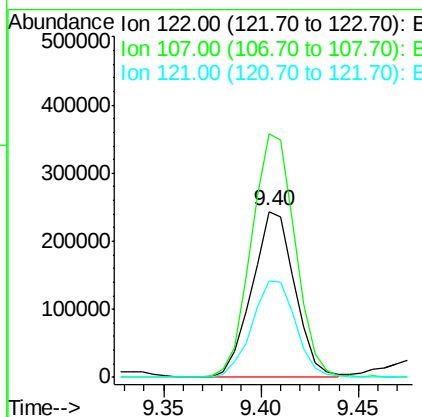
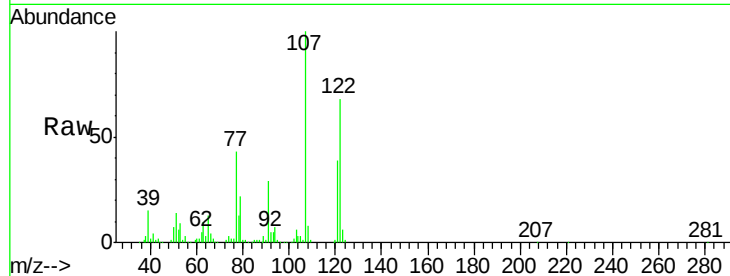
#27
 2,4-Dimethylphenol
 Concen: 40.404 ng
 RT: 9.40 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	368742		
107	146.7	84.7	127.1#	
121	57.8	46.6	69.8	

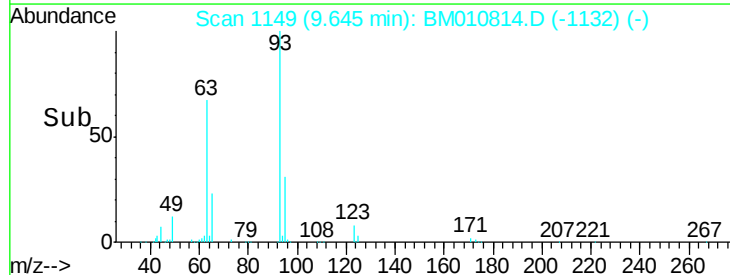
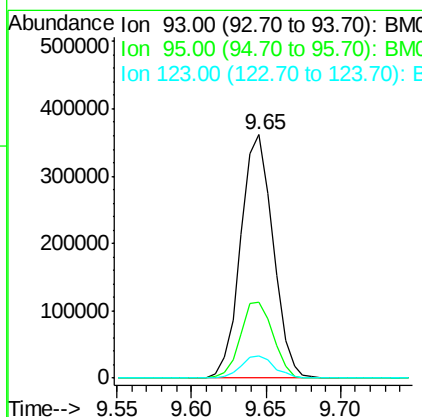
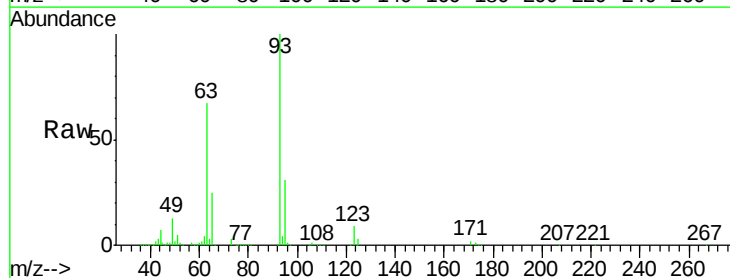
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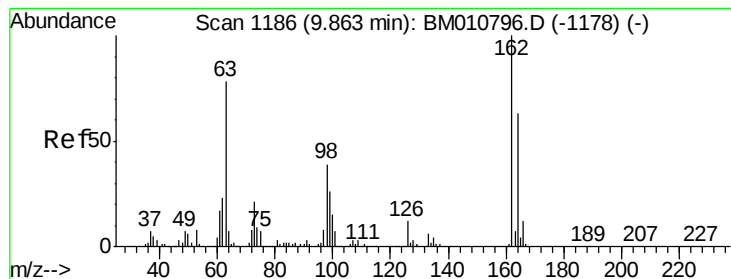
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.542 ng
 RT: 9.65 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	544492		
95	31.0	25.5	38.3	
123	9.0	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 40.650 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Instrument :

BNA_M

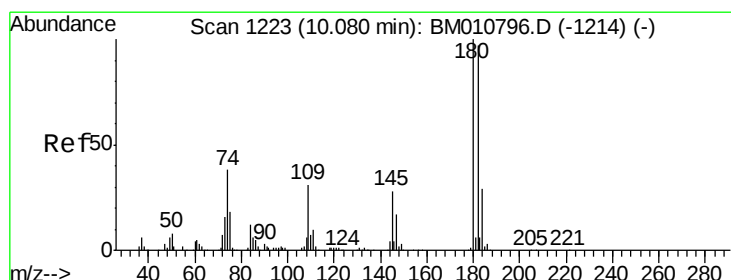
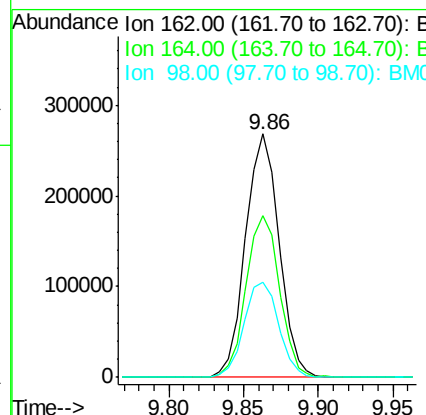
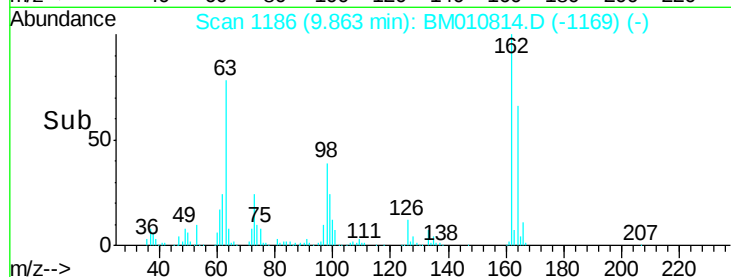
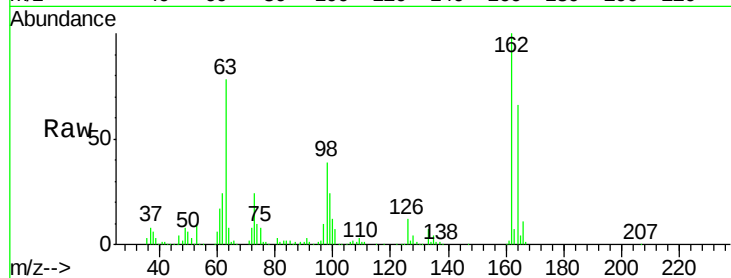
ClientSampleId :

PB100537BS

Tgt Ion:	162	Resp:	419081
Ion Ratio	Lower	Upper	
162	100		
164	66.5	42.8	82.8
98	38.9	14.5	54.5

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#30

1,2,4-Trichlorobenzene

Concen: 39.809 ng

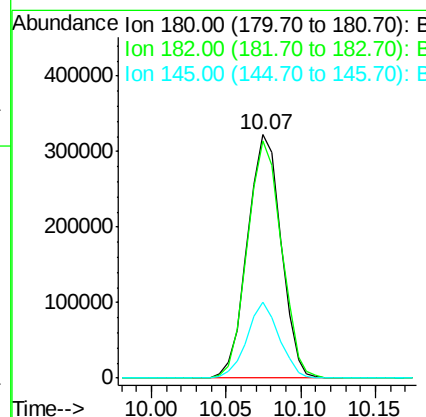
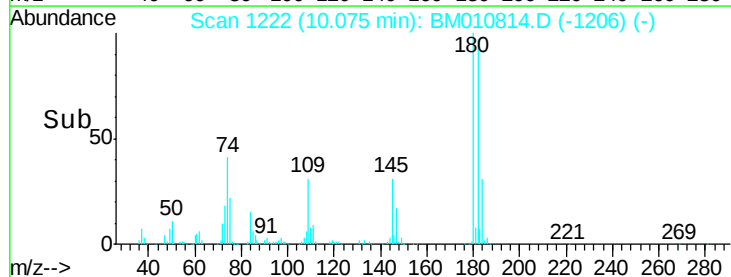
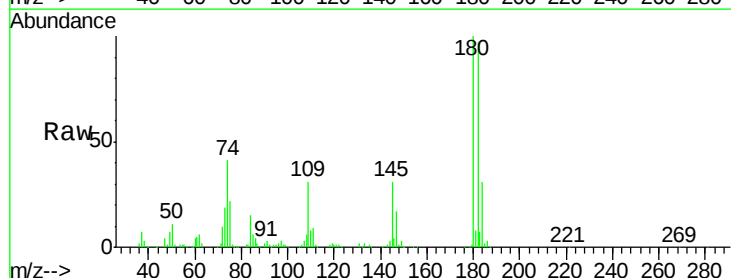
RT: 10.07 min Scan# 1222

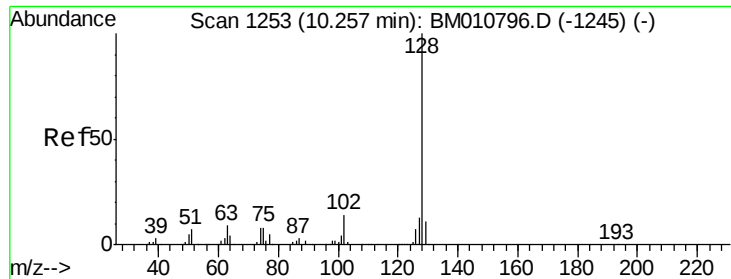
Delta R.T. -0.01 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Tgt Ion:	180	Resp:	501736
Ion Ratio	Lower	Upper	
180	100		
182	97.3	77.6	116.4
145	31.2	23.4	35.2





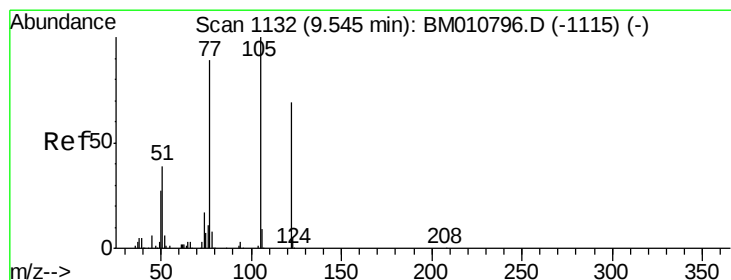
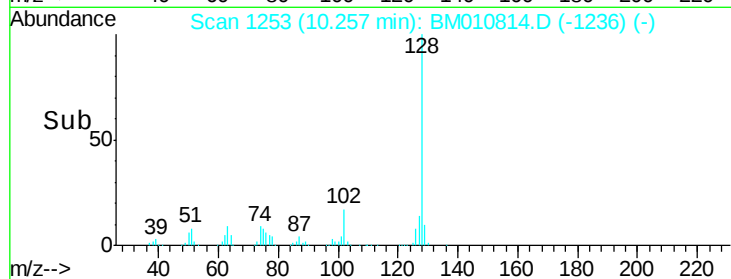
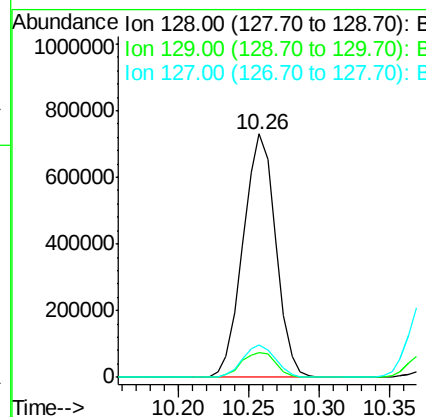
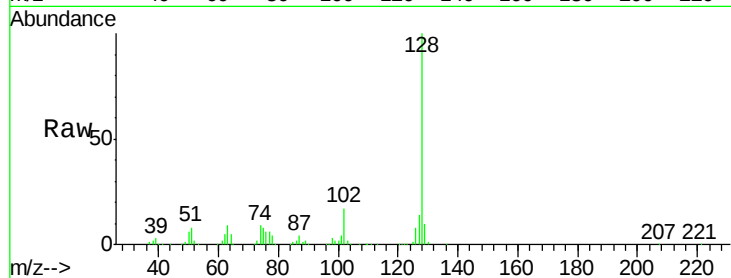
#31
Naphthalene
Concen: 40.359 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.9	13.3
127	13.6	10.4	15.6

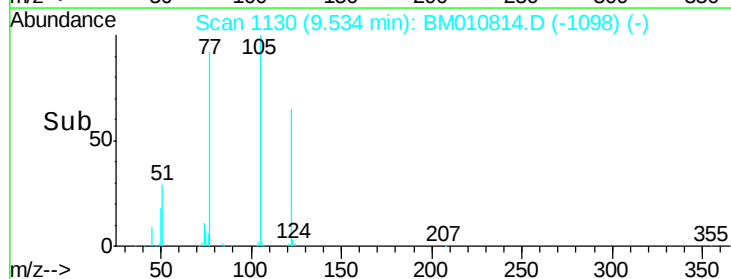
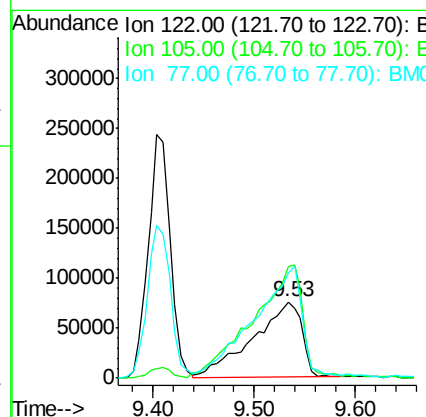
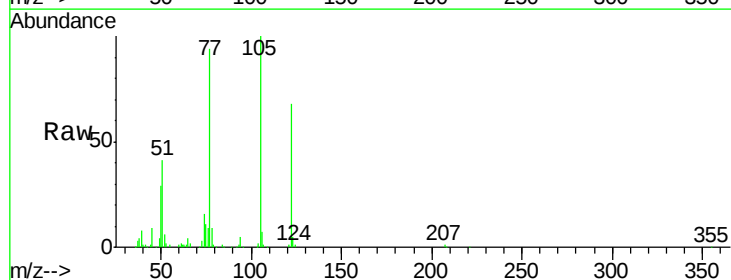
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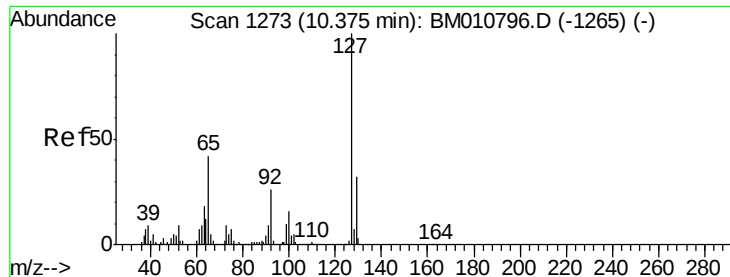
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#32
Benzoic acid
Concen: 35.331 ng
RT: 9.53 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	146.6	99.9	139.9#
77	138.0	73.7	113.7#





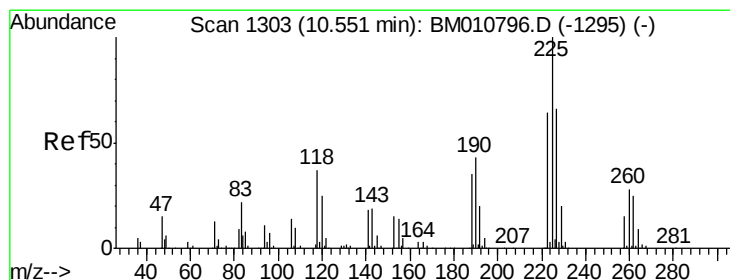
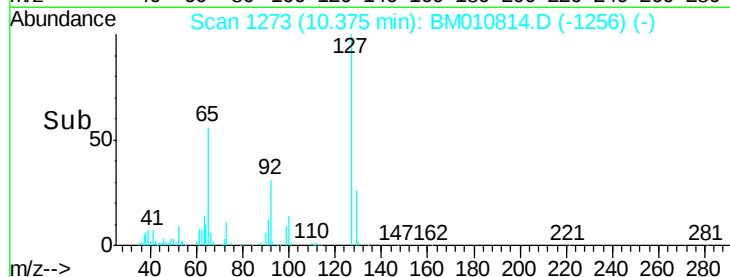
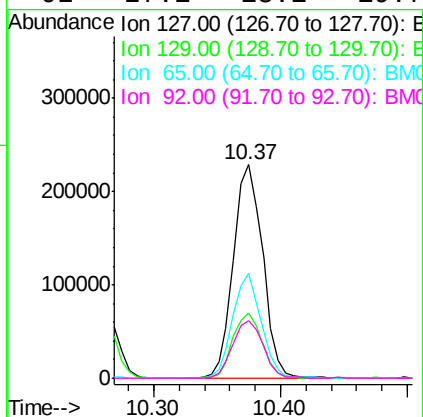
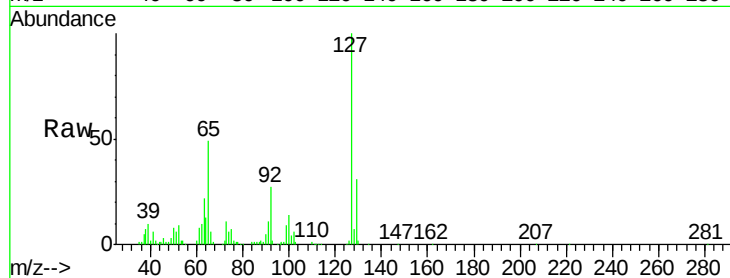
#33
4-Chloroaniline
Concen: 31.116 ng
RT: 10.37 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.6	25.3	37.9	
65	49.3	17.6	26.4	
92	27.1	13.1	19.7	

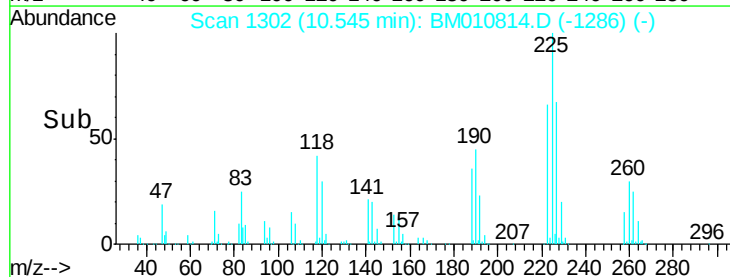
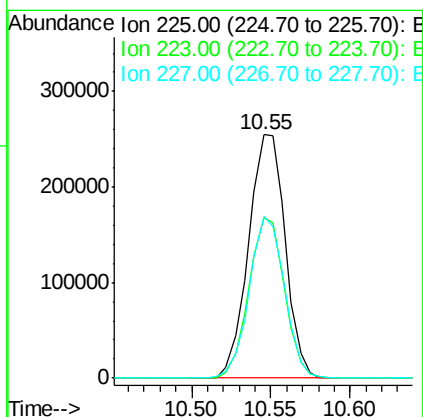
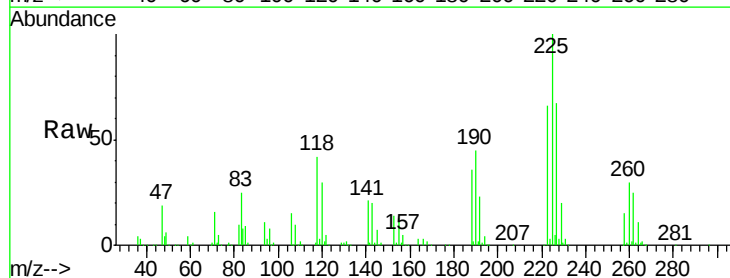
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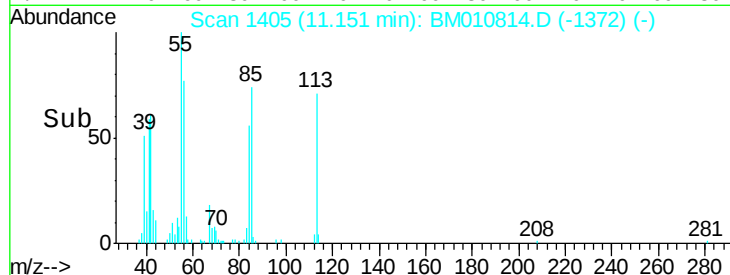
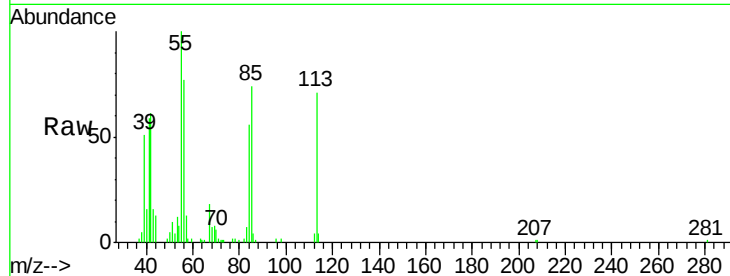
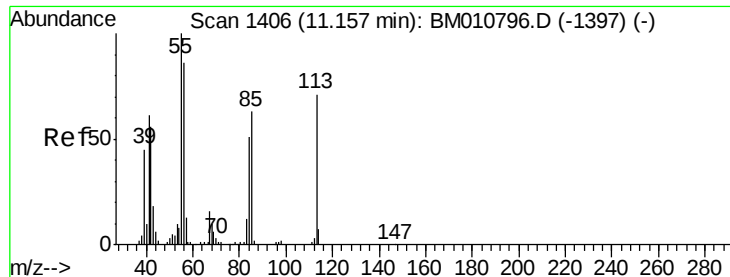
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#34
Hexachlorobutadiene
Concen: 41.925 ng
RT: 10.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.9	47.9	71.9	
227	66.6	50.1	75.1	





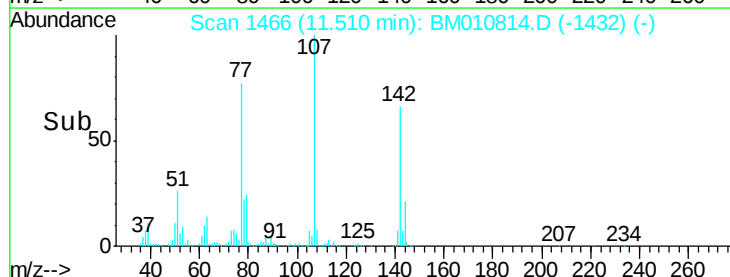
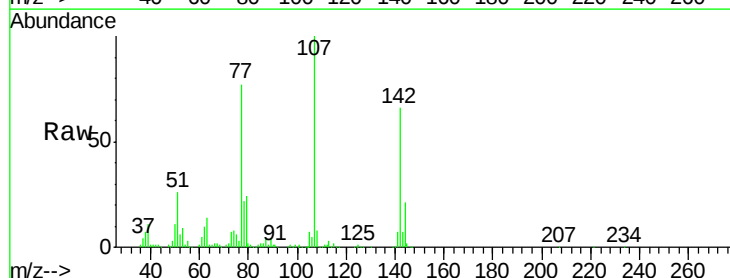
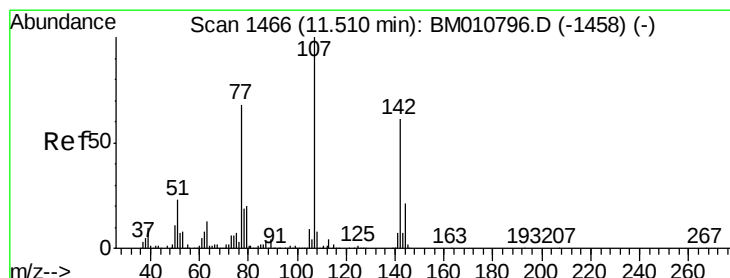
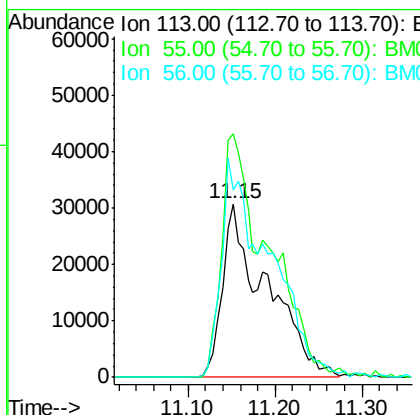
#35
Caprolactam
Concen: 40.050 ng m
RT: 11.15 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion:113 Resp: 109926
Ion Ratio Lower Upper
113 100
55 140.2 145.9 185.9#
56 108.1 101.0 141.0

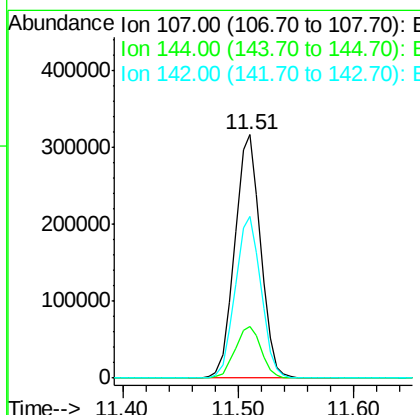
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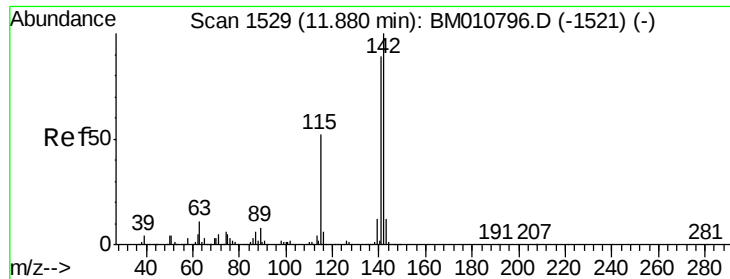
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#36
4-Chloro-3-methylphenol
Concen: 39.193 ng
RT: 11.51 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion:107 Resp: 488749
Ion Ratio Lower Upper
107 100
144 21.3 23.3 34.9#
142 66.3 72.6 109.0#





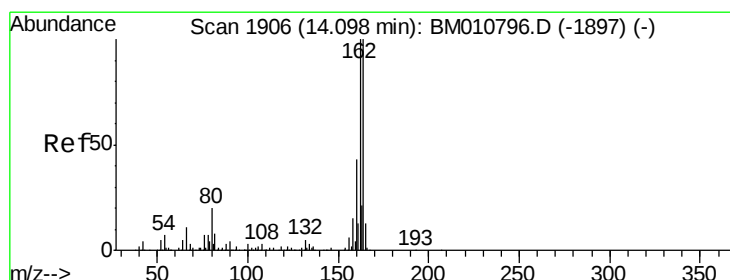
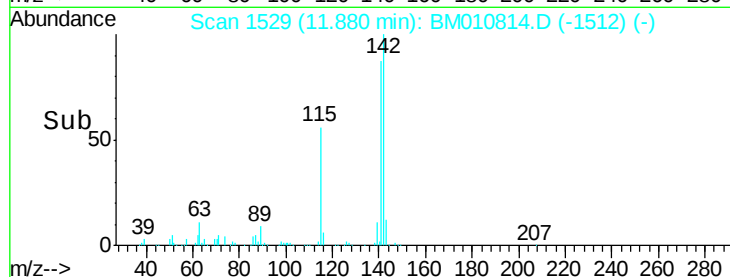
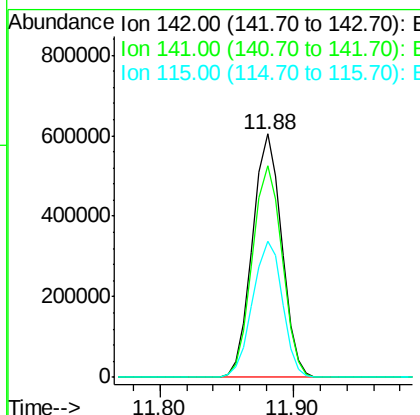
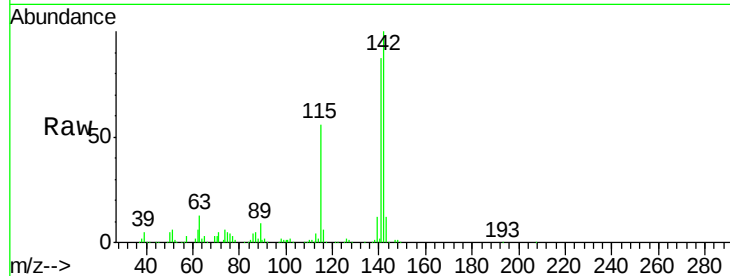
#37
2-Methylnaphthalene
Concen: 43.497 ng
RT: 11.88 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	915577		
141	86.8	71.9	107.9	
115	56.2	25.4	38.0	

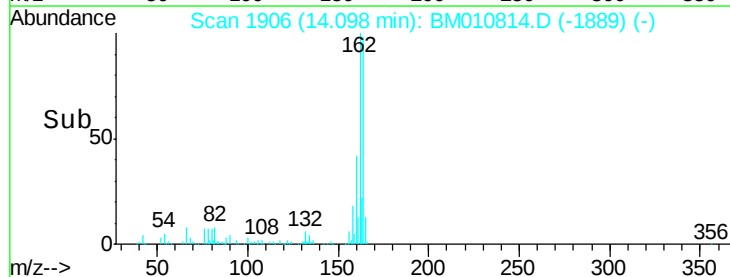
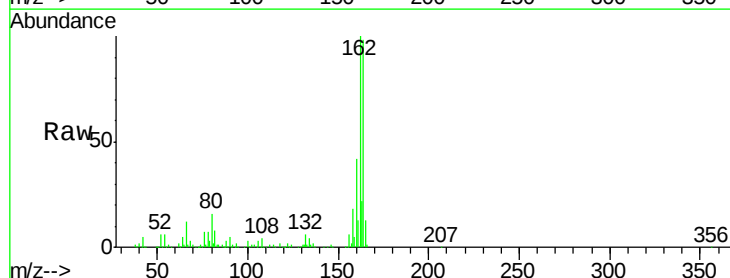
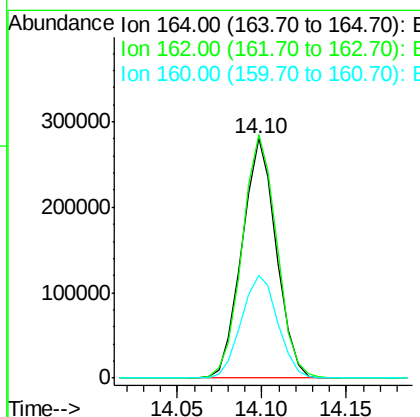
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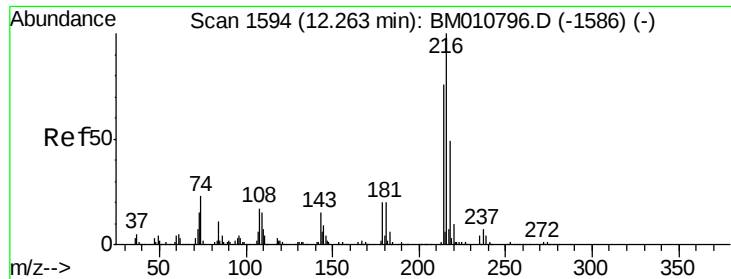
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.10 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	394810		
162	101.7	82.4	123.6	
160	42.8	35.8	53.6	





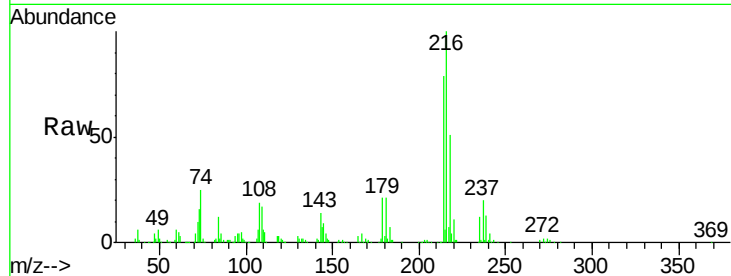
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.701 ng
 RT: 12.26 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	0.0	0.0#
179	20.9	0.0	0.0#
108	26.0	0.0	0.0#

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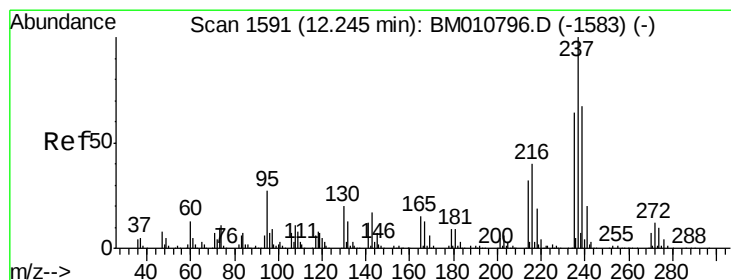
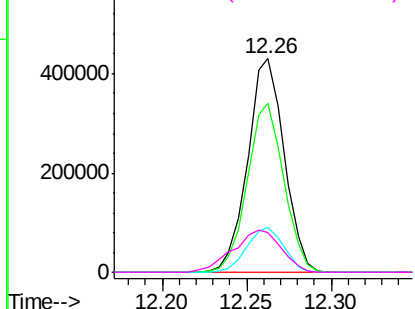
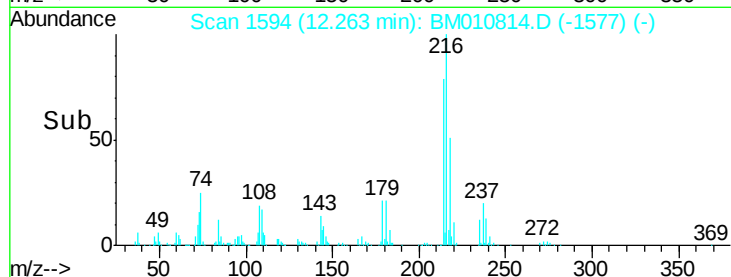
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

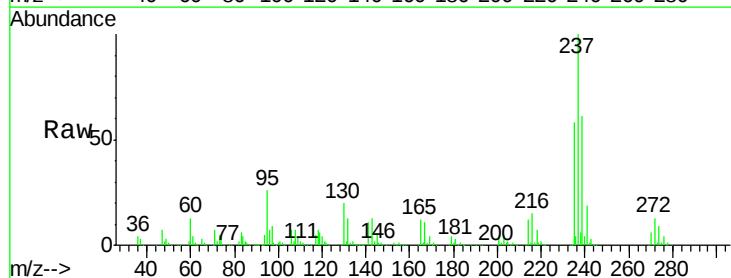
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 104.109 ng
 RT: 12.25 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	57.9	42.0	82.0
272	12.6	0.0	33.4

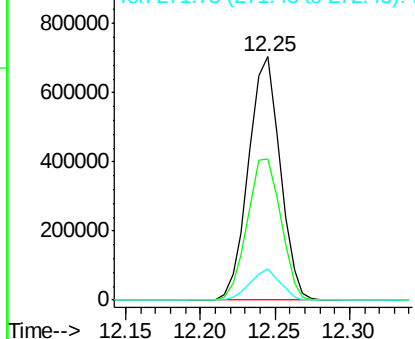
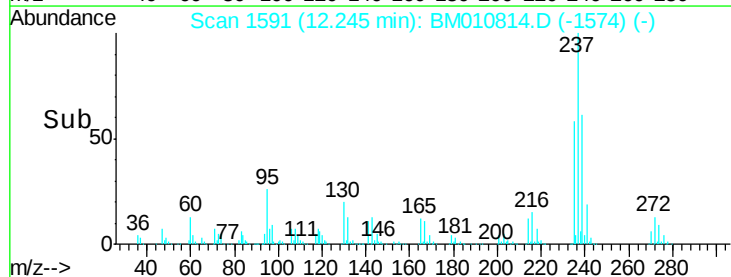


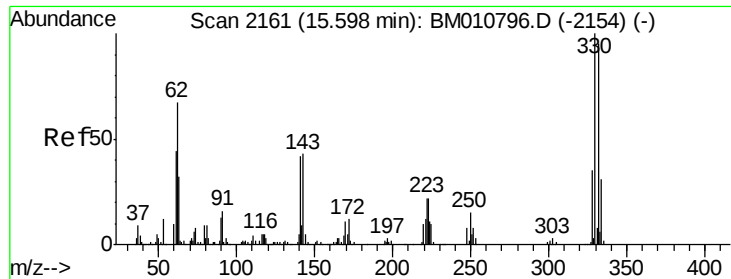
Abundance

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





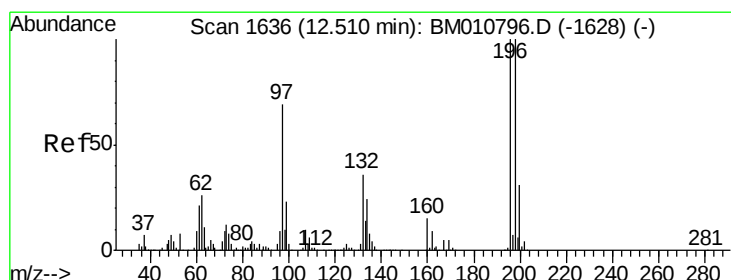
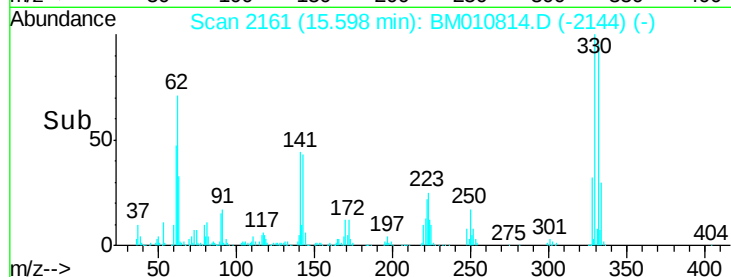
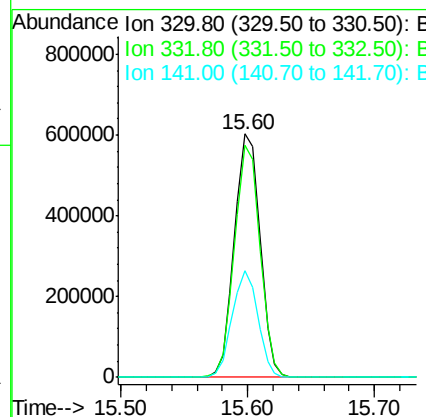
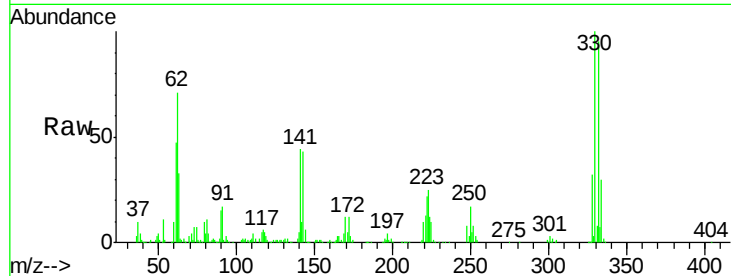
#41
 2,4,6-Tribromophenol
 Concen: 140.438 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	847325		
332	94.9	0.0	0.0	0.0
141	43.8	0.0	0.0	0.0

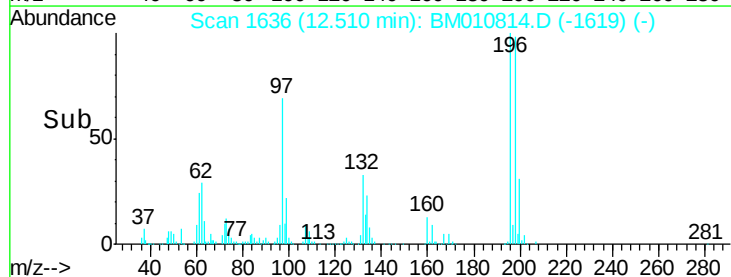
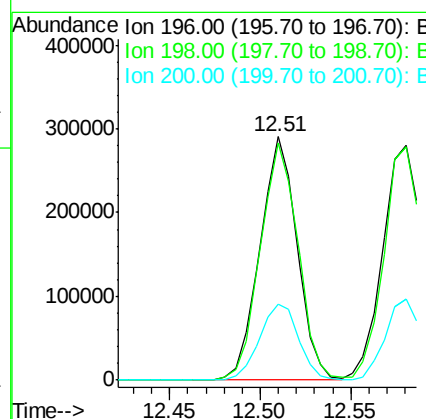
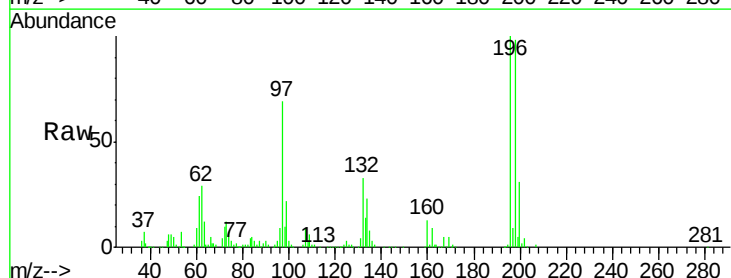
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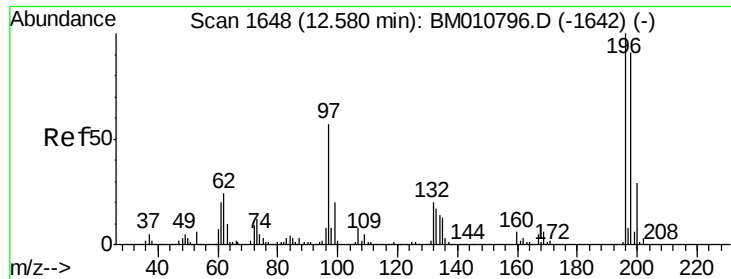
mohammad
 7/17/2017 8:13:15 AM



#42
 2,4,6-Trichlorophenol
 Concen: 39.170 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	415075		
198	97.5	76.3	114.5	
200	31.2	25.6	38.4	





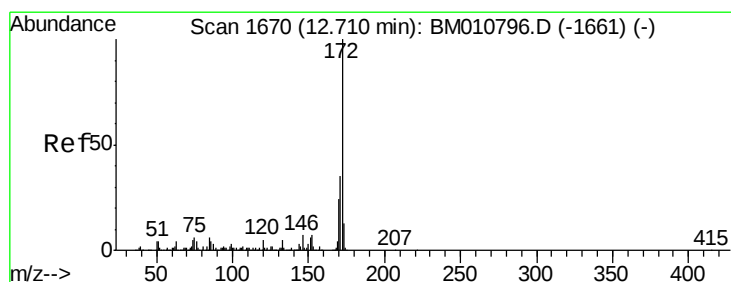
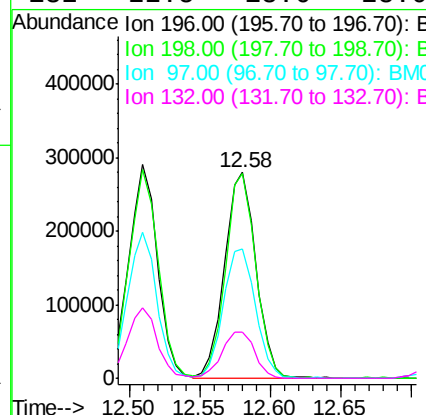
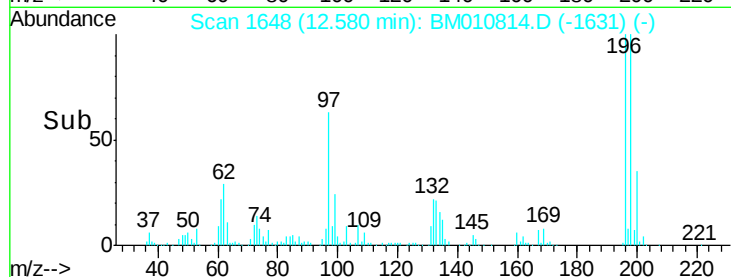
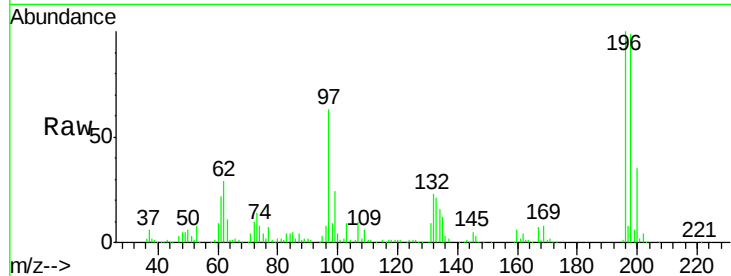
#43
2,4,5-Trichlorophenol
Concen: 41.443 ng
RT: 12.58 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	433583		
198	99.5	79.4	119.0	
97	63.0	26.8	40.2	
132	22.5	18.6	28.0	

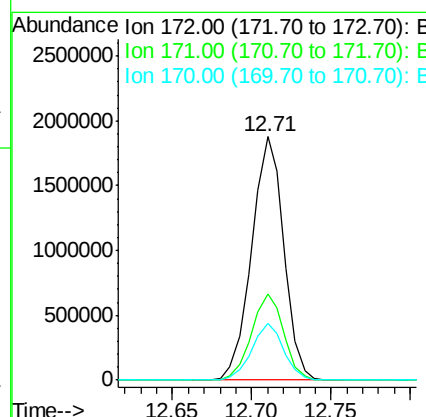
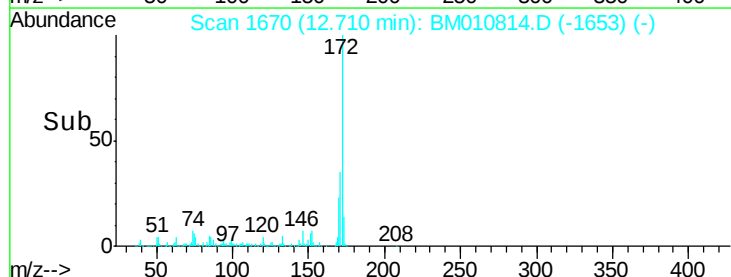
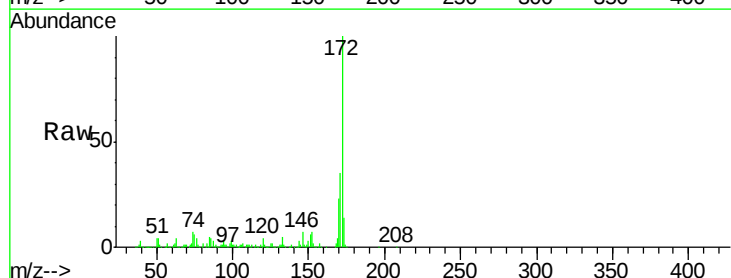
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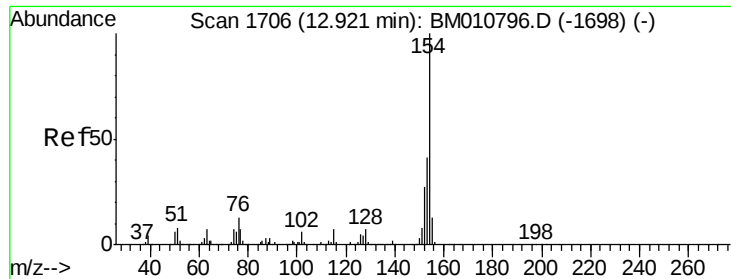
mohammad
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#44
2-Fluorobiphenyl
Concen: 83.072 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2636408		
171	35.3	28.5	42.7	
170	23.2	18.8	28.2	





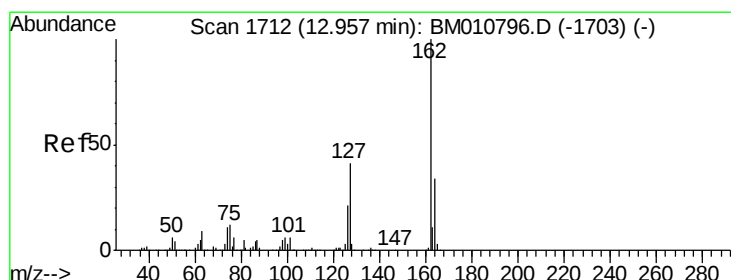
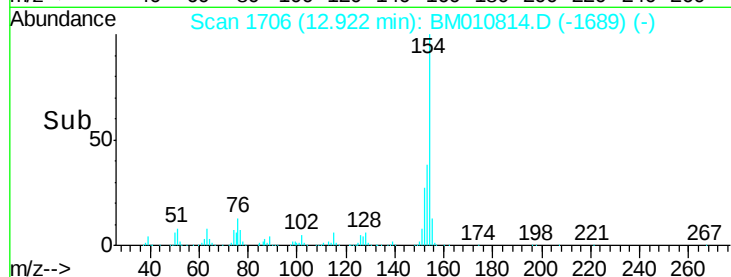
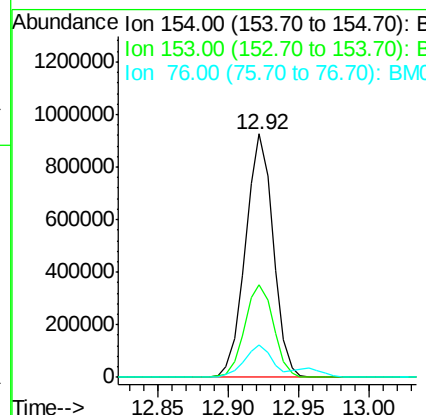
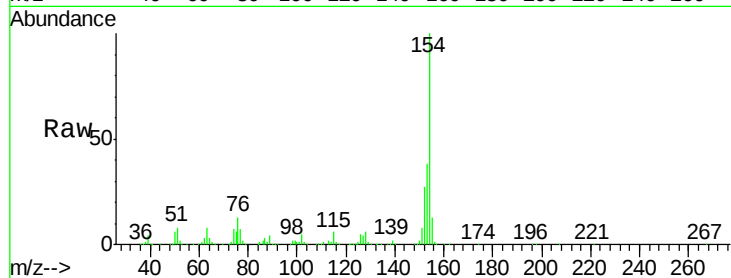
#45
 1,1'-Biphenyl
 Concen: 36.967 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.3	20.7	60.7
76	13.2	0.0	30.9

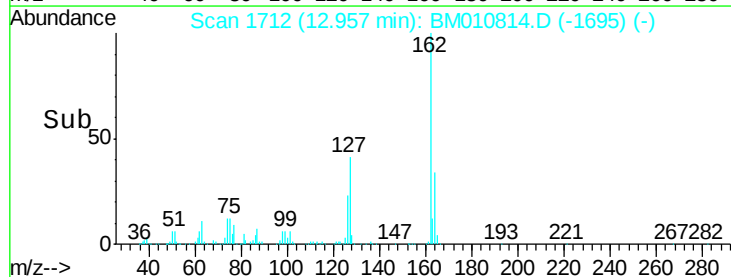
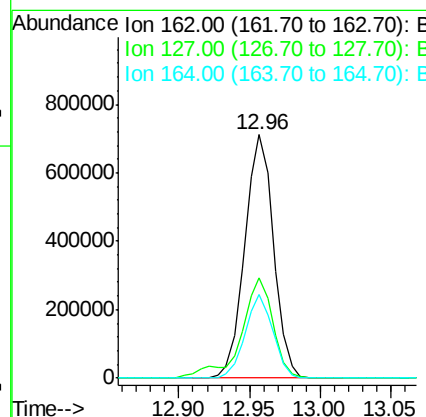
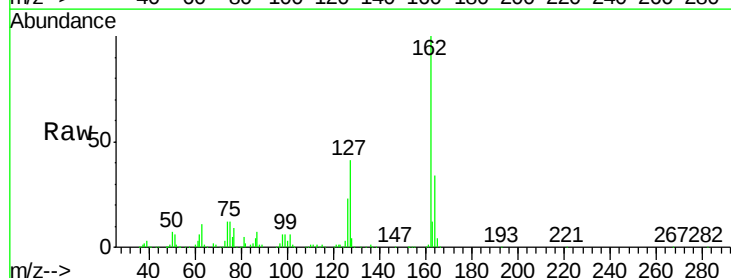
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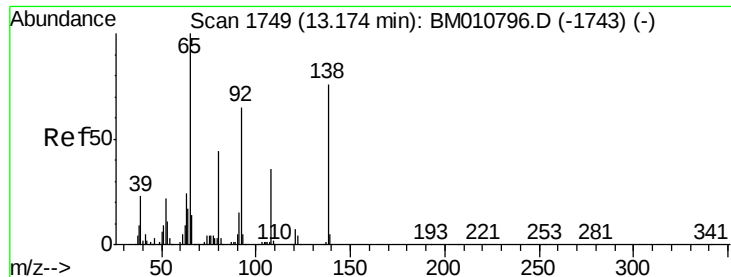
mohammad
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#46
 2-Chloronaphthalene
 Concen: 40.173 ng
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.2	26.9	40.3#
164	34.4	26.8	40.2





#47

2-Nitroaniline

Concen: 43.361 ng

RT: 13.17 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Instrument :

BNA_M

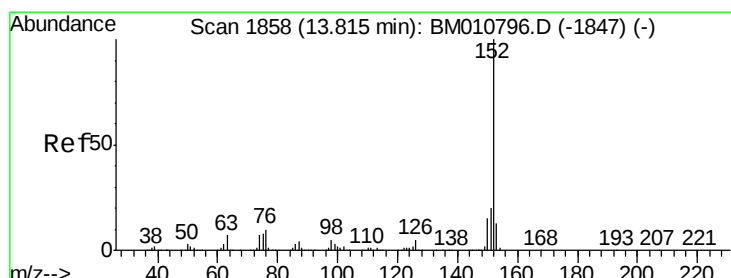
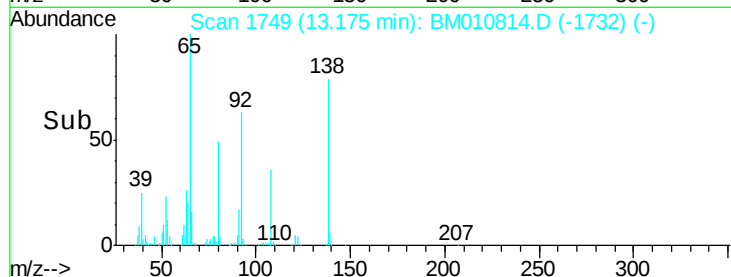
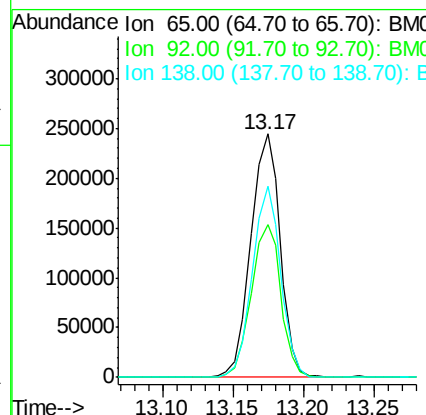
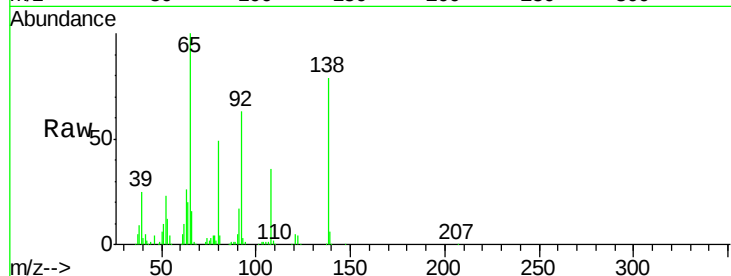
ClientSampleId :

PB100537BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	59.1	88.7
138	78.7	93.9	140.9

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#48

Acenaphthylene

Concen: 41.134 ng

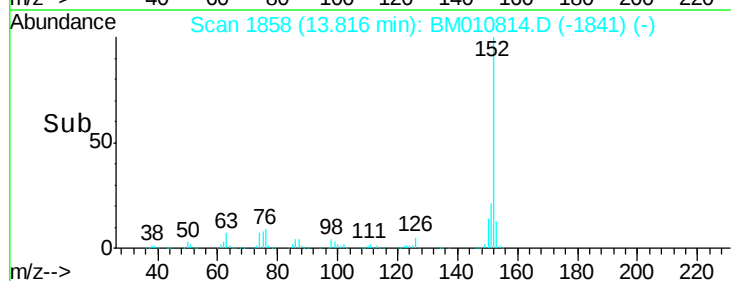
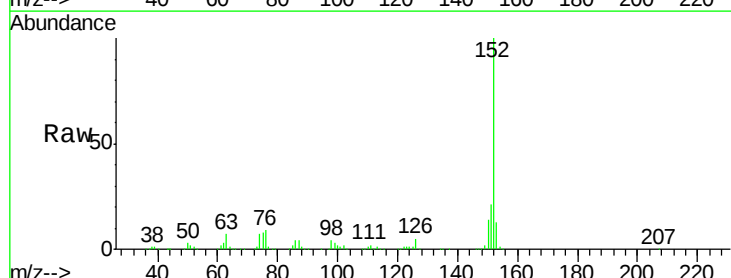
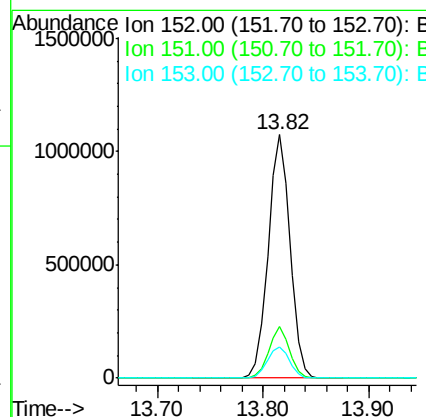
RT: 13.82 min Scan# 1858

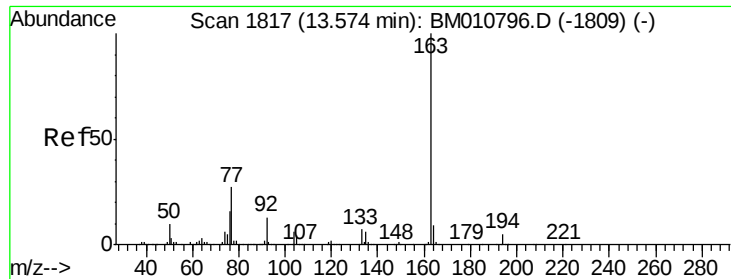
Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.9	23.9
153	12.6	10.6	16.0





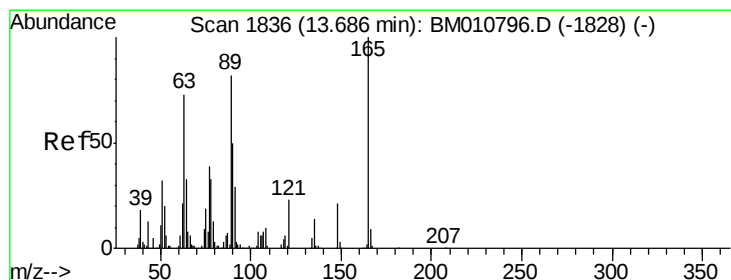
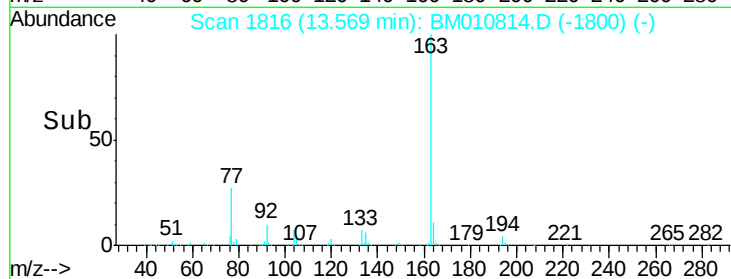
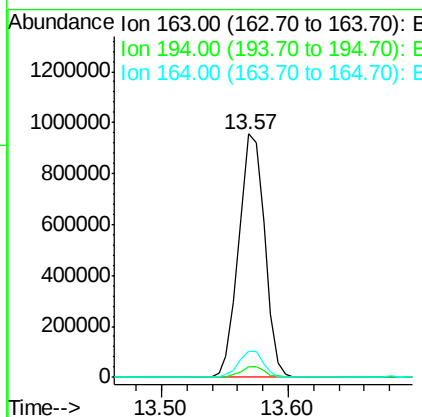
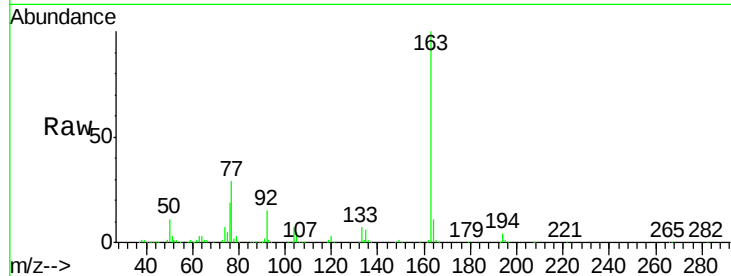
#49
Dimethylphthalate
Concen: 40.165 ng
RT: 13.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion:163 Resp: 1349050
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 10.7 8.2 12.2

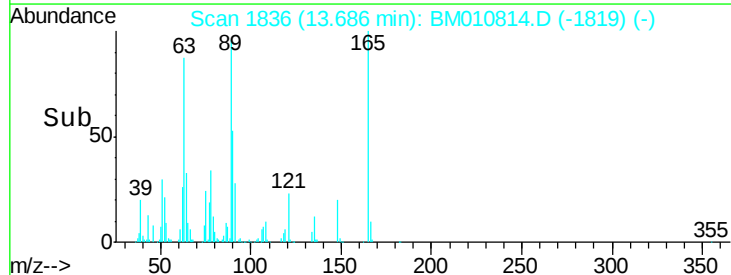
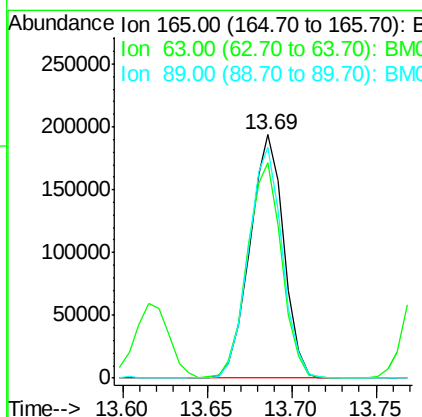
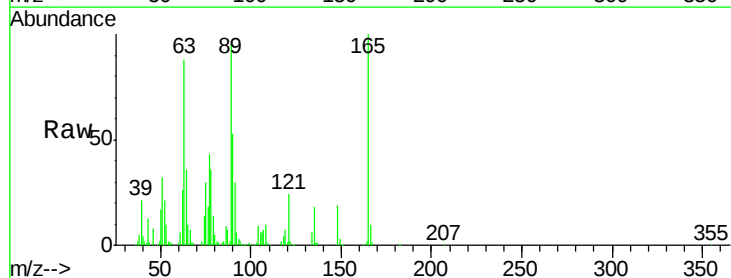
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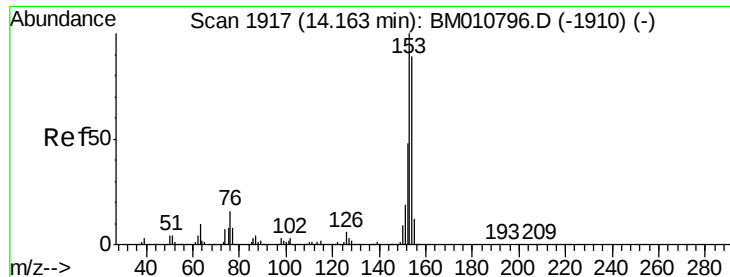
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#50
2,6-Dinitrotoluene
Concen: 40.893 ng
RT: 13.69 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion:165 Resp: 269408
Ion Ratio Lower Upper
165 100
63 88.5 44.1 66.1#
89 94.8 44.3 66.5#





#51

Acenaphthene

Concen: 40.098 ng

RT: 14.16 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Instrument :

BNA_M

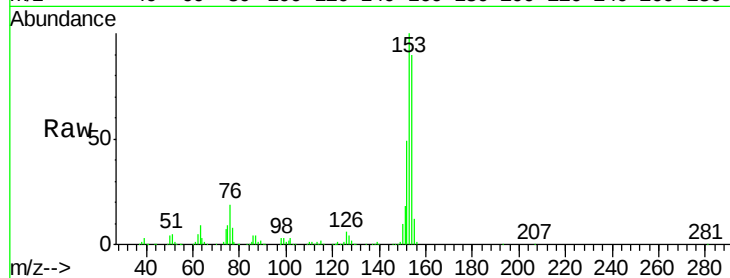
ClientSampleId :

PB100537BS

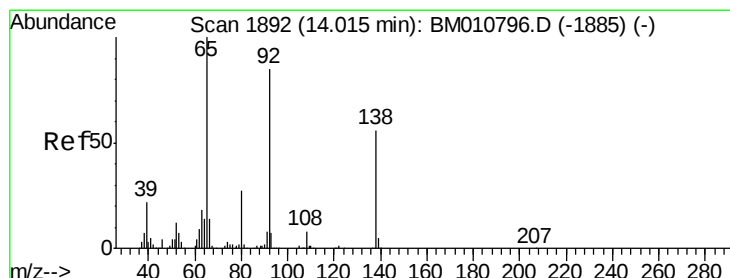
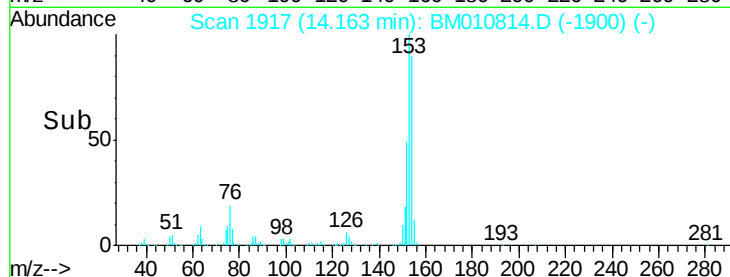
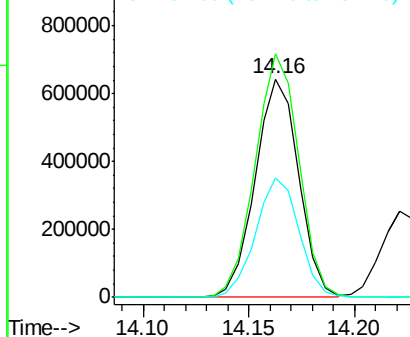
Tgt Ion:	154	Resp:	919073
Ion Ratio	Lower	Upper	
154	100		
153	111.5	90.0	135.0
152	54.7	42.6	63.8

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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: 31.245 ng

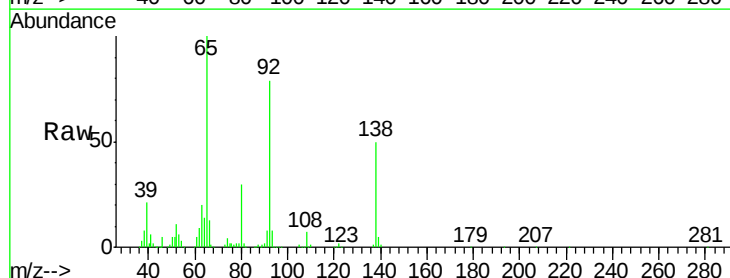
RT: 14.01 min Scan# 1891

Delta R.T. -0.01 min

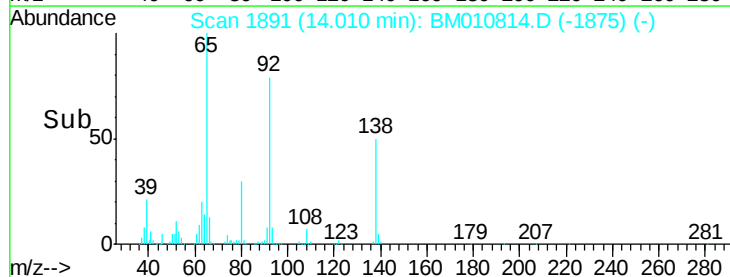
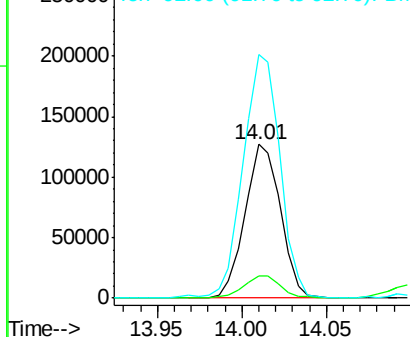
Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Tgt Ion:	138	Resp:	187133
Ion Ratio	Lower	Upper	
138	100		
108	14.7	7.3	10.9#
92	158.6	76.6	114.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM0





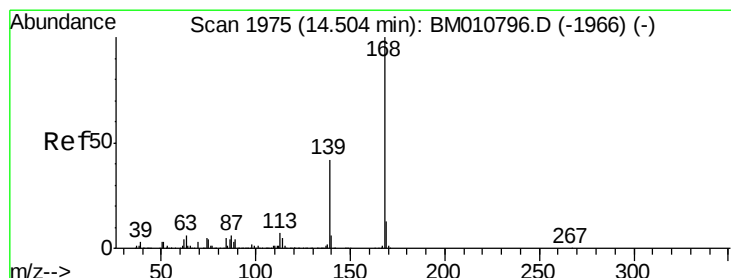
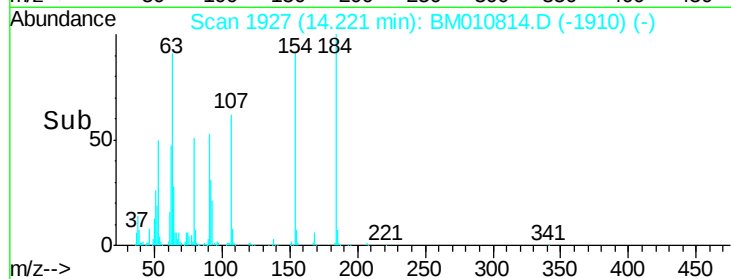
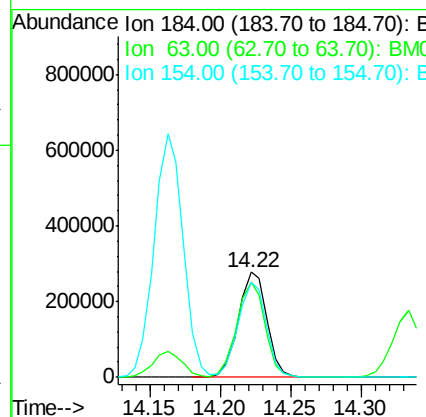
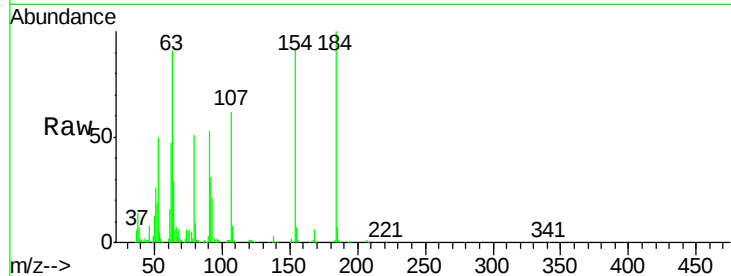
#53
 2,4-Dinitrophenol
 Concen: 86.378 ng
 RT: 14.22 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	393388		
63	90.7	69.2	103.8	
154	90.7	53.3	79.9#	

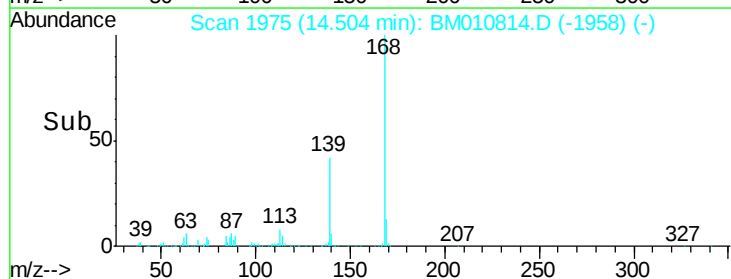
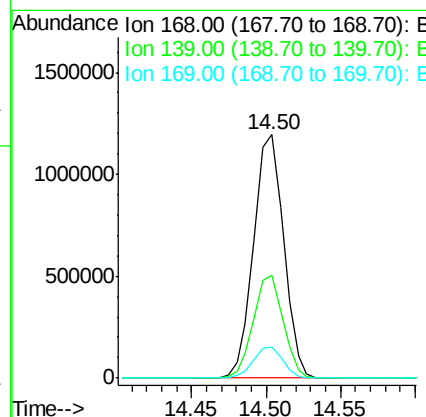
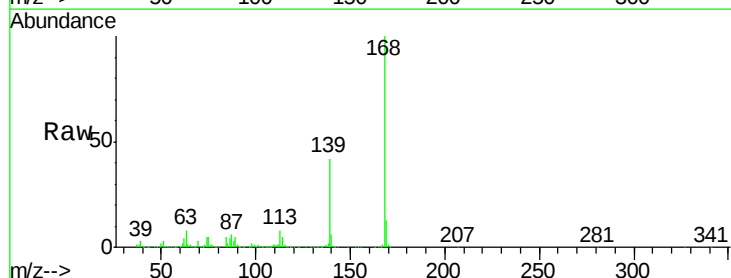
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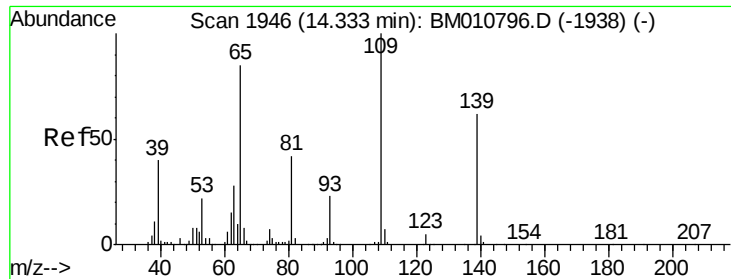
mohammad
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#54
 Dibenzofuran
 Concen: 44.818 ng
 RT: 14.50 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1661683		
139	42.4	27.3	40.9#	
169	12.8	10.6	16.0	





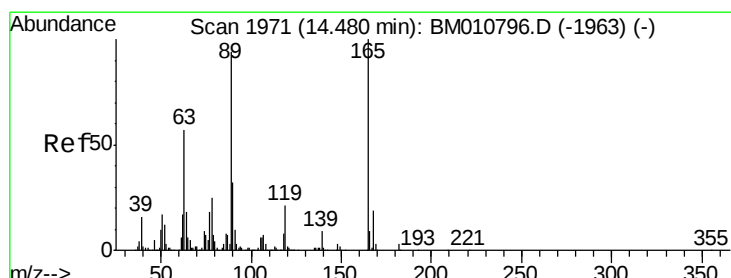
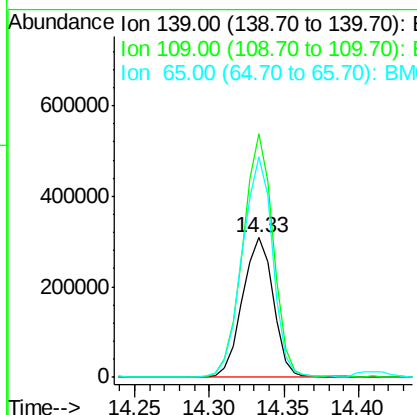
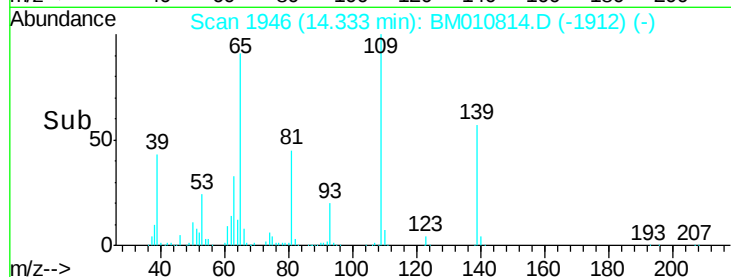
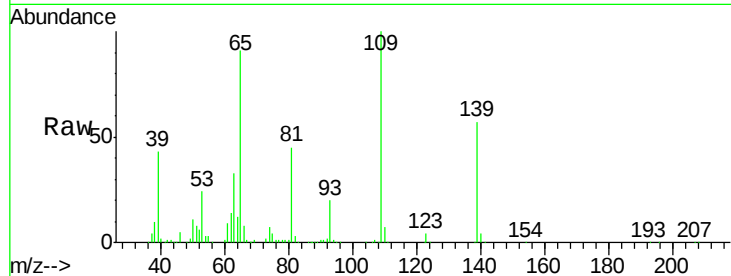
#55
4-Nitrophenol
Concen: 85.724 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	445901		
109	174.5	37.7	77.7#	
65	158.3	49.9	89.9#	

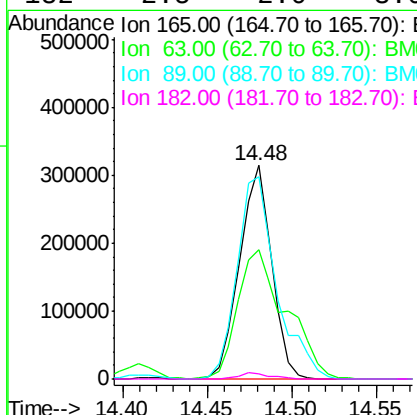
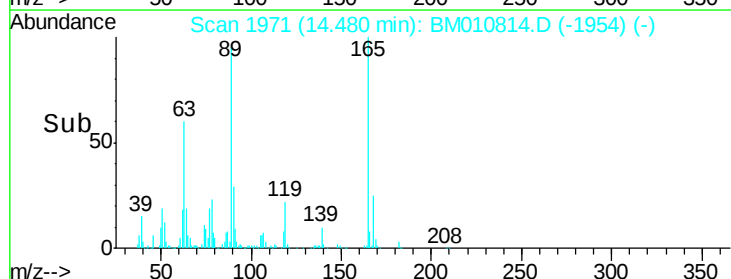
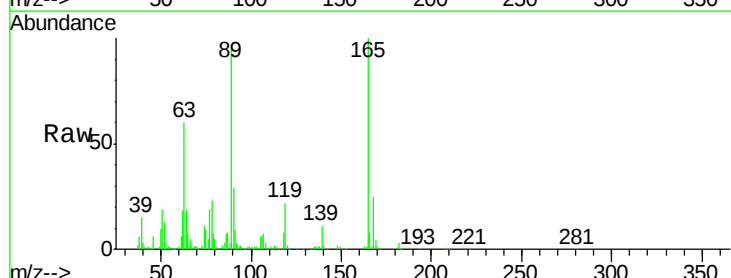
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#56
2,4-Dinitrotoluene
Concen: 45.522 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	416147		
63	60.4	52.4	78.6	
89	94.8	72.4	108.6	
182	2.5	2.0	3.0	





#57

Fluorene

Concen: 42.593 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Instrument :

BNA_M

ClientSampleId :

PB100537BS

Tgt Ion:166 Resp: 1357549

Ion Ratio Lower Upper

166 100

165 95.9 79.0 118.4

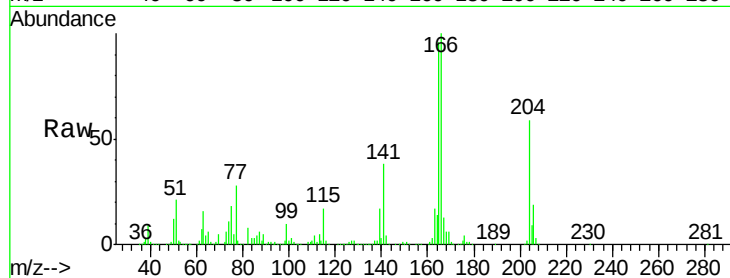
167 12.7 10.3 15.5

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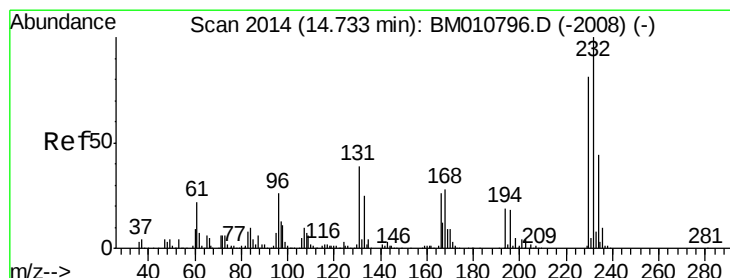
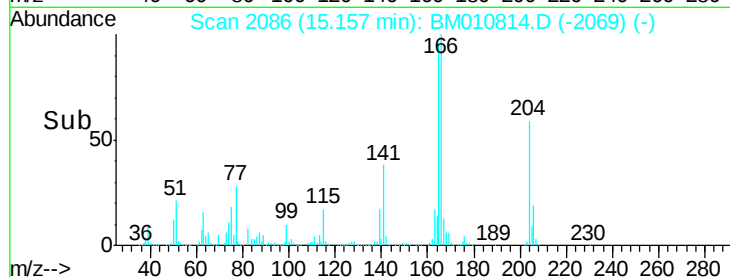
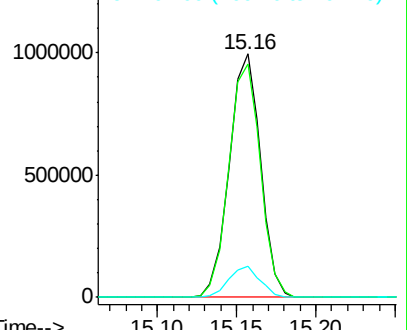


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.510 ng

RT: 14.73 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Tgt Ion:232 Resp: 471567

Ion Ratio Lower Upper

232 100

131 40.0 0.0 0.0#

130 2.8 0.0 0.0#

166 28.5 0.0 0.0#

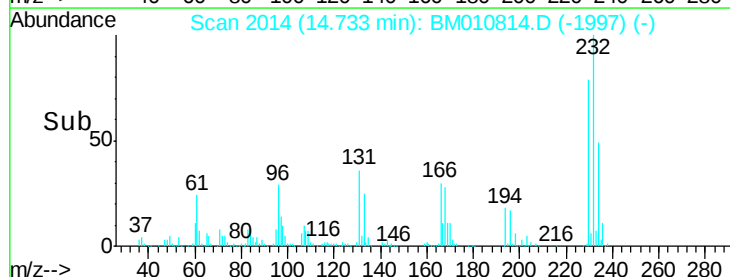
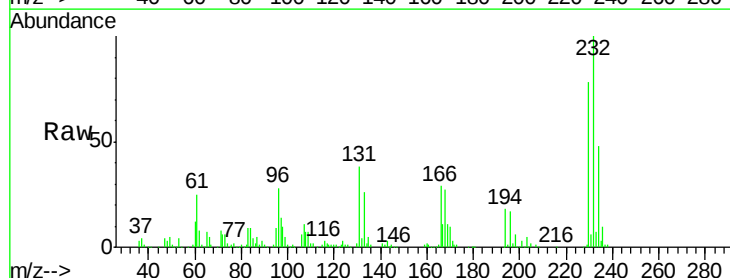
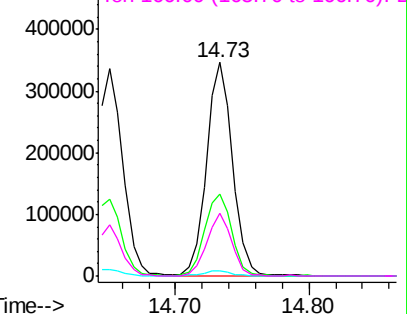
Abundance

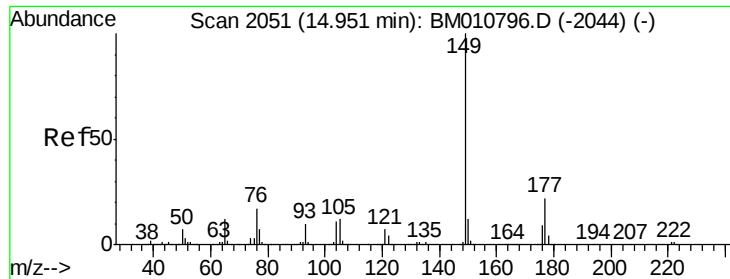
Ion 232.00 (231.70 to 232.70): E

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





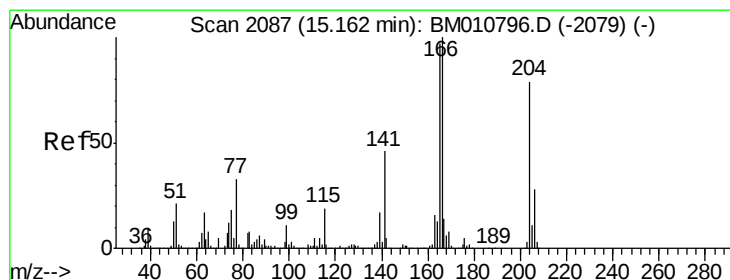
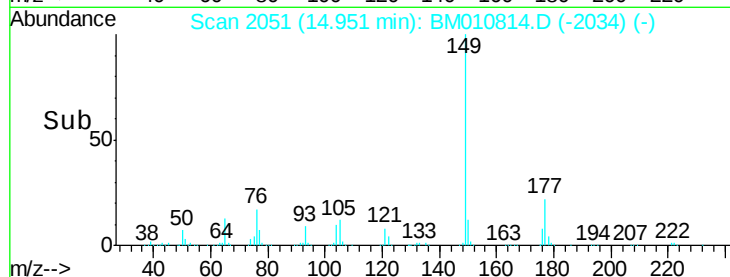
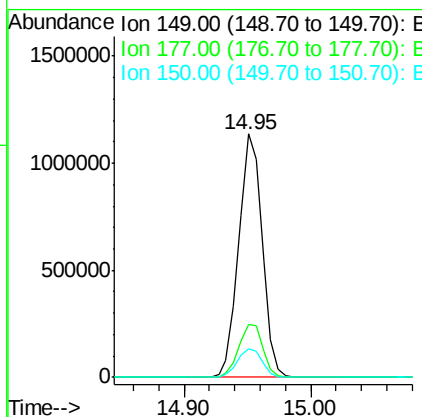
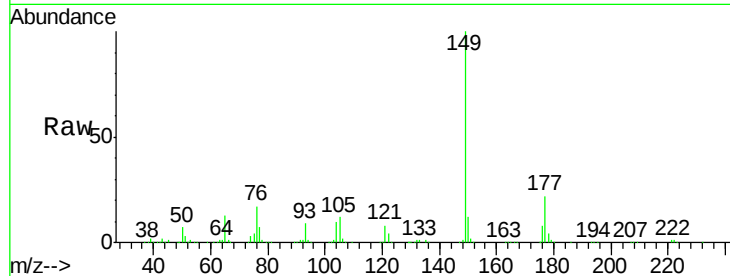
#59
Diethylphthalate
Concen: 43.690 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion:149 Resp: 1449275
Ion Ratio Lower Upper
149 100
177 21.7 18.3 27.5
150 11.9 9.8 14.8

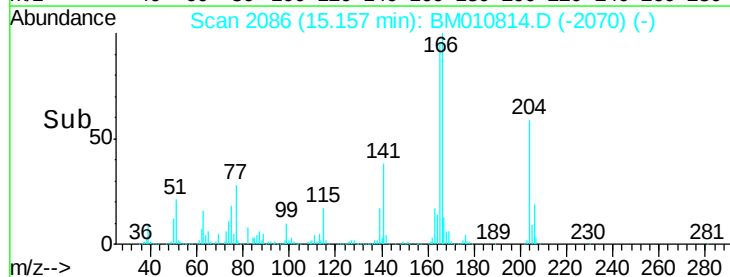
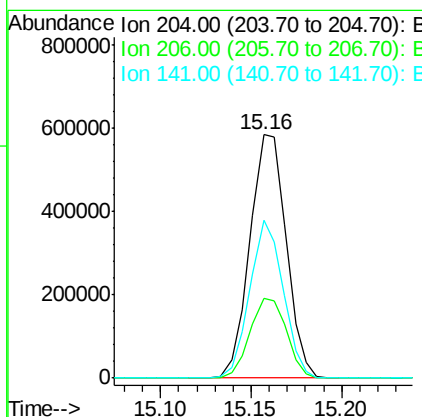
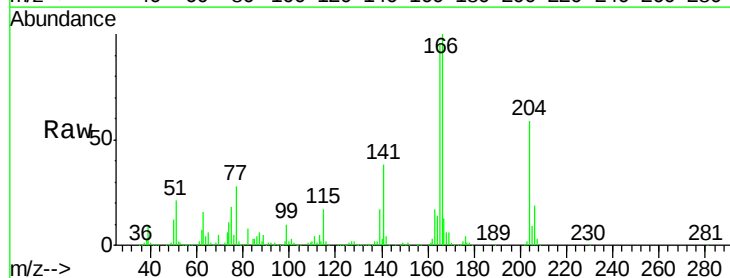
Manual Integrations
APPROVED

mohammad
7/17/2017 8:13:15 AM



#60
4-Chlorophenyl-phenylether
Concen: 41.746 ng
RT: 15.16 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion:204 Resp: 817330
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 64.7 45.2 67.8





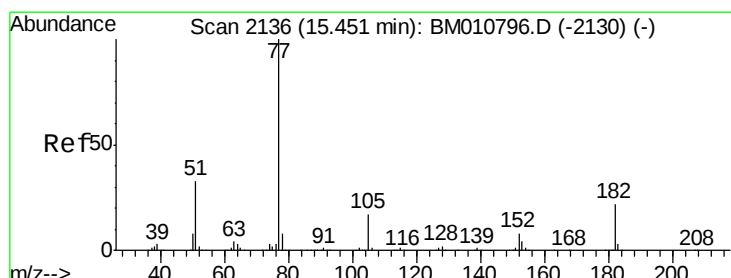
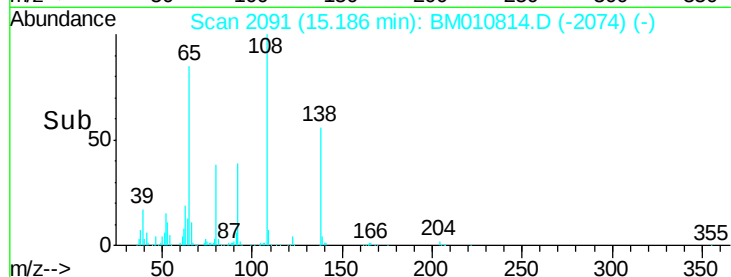
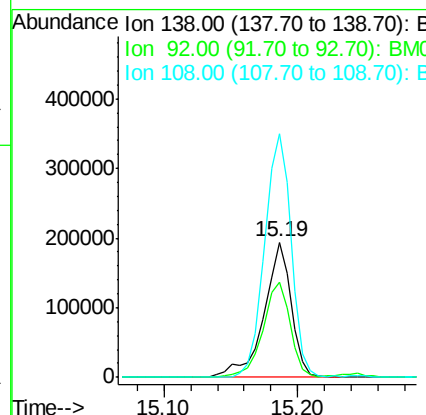
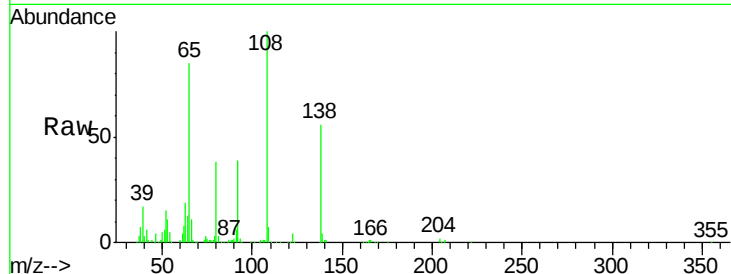
#61
4-Nitroaniline
Concen: 44.230 ng
RT: 15.19 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	276881		
92	70.3	16.7	56.7#	
108	179.8	37.6	77.6#	

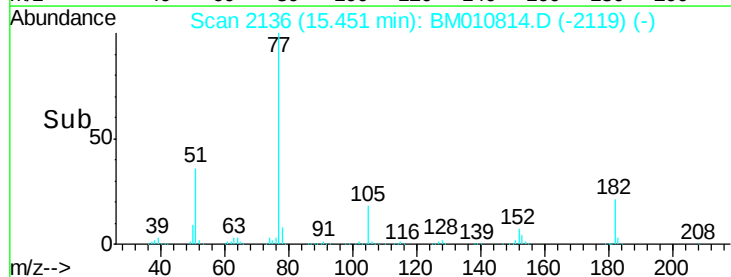
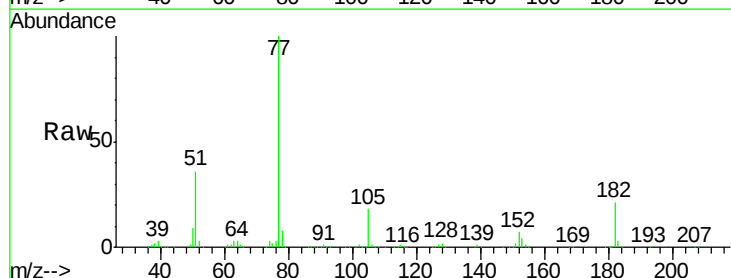
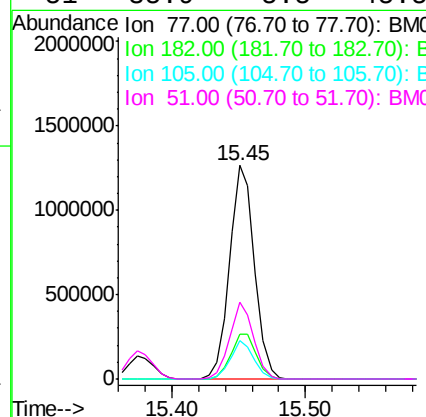
Manual Integrations
APPROVED

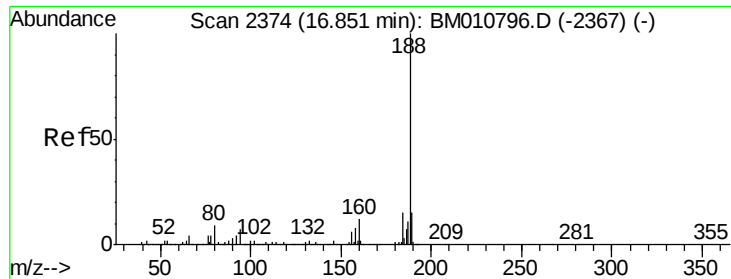
mohammad
7/17/2017 8:13:15 AM



#62
Azobenzene
Concen: 49.034 ng
RT: 15.45 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1651625		
182	21.1	6.5	46.5	
105	17.7	3.8	43.8	
51	35.9	5.5	45.5	





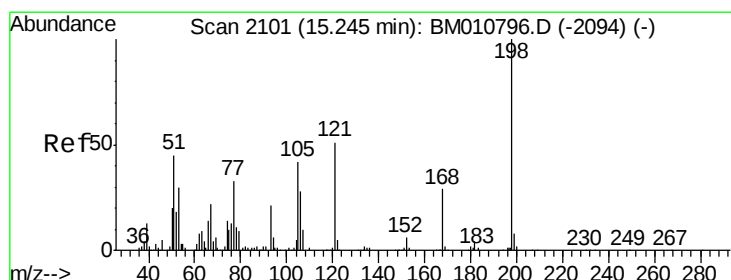
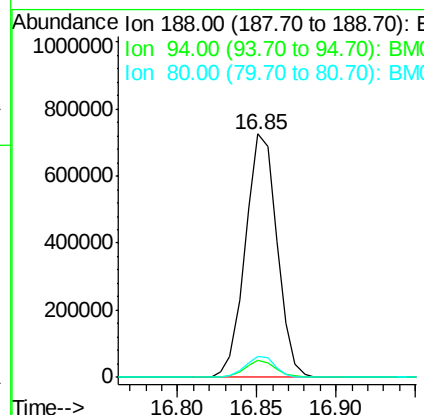
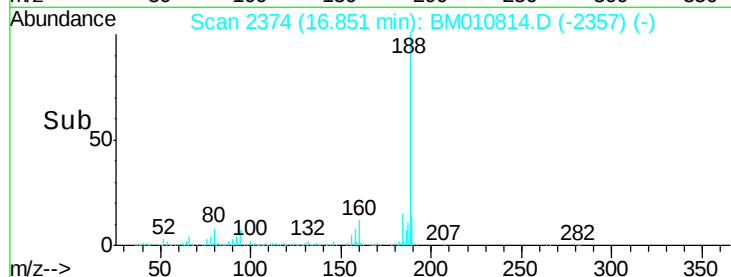
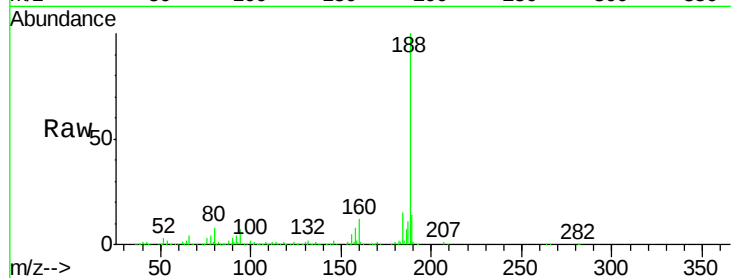
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.85 min Scan# 2374
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	1005833		
94	6.9		8.7	13.1#
80	8.4		9.3	13.9#

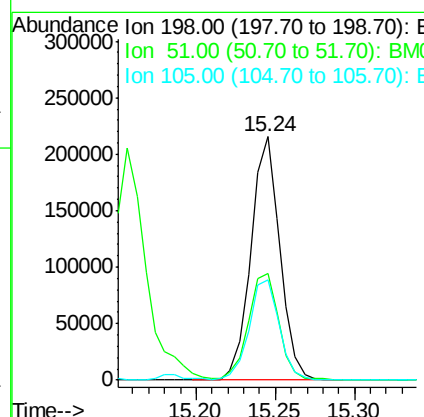
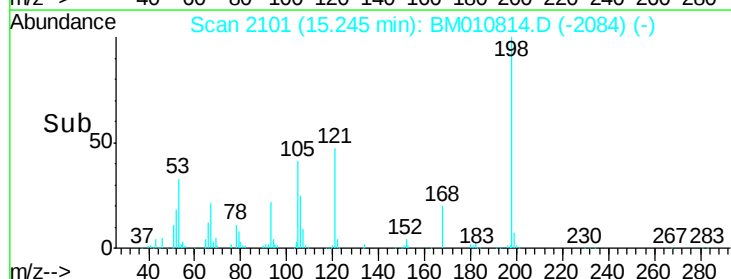
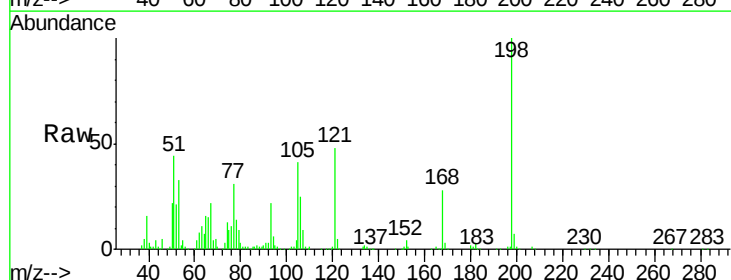
Manual Integrations
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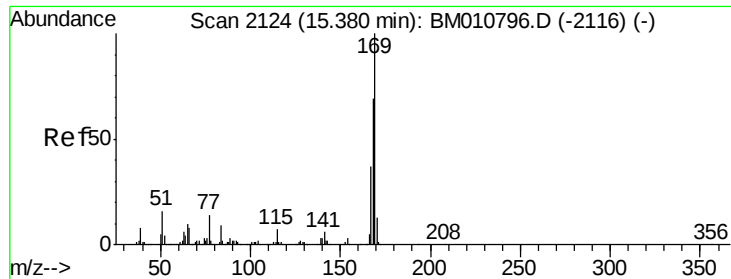
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.082 ng
RT: 15.24 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	272482		
51	43.7		28.8	68.8
105	41.2		30.5	70.5





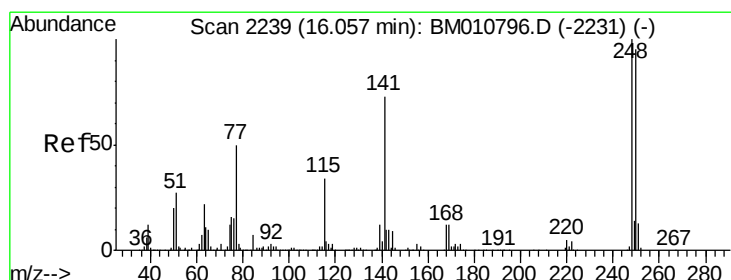
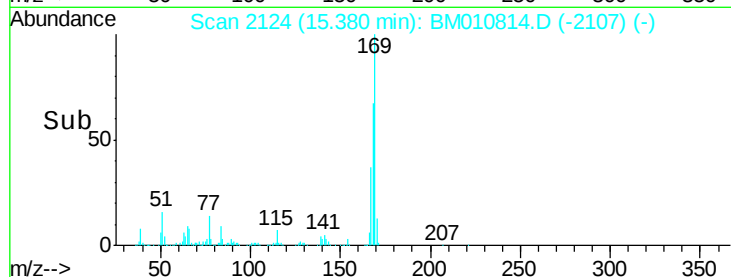
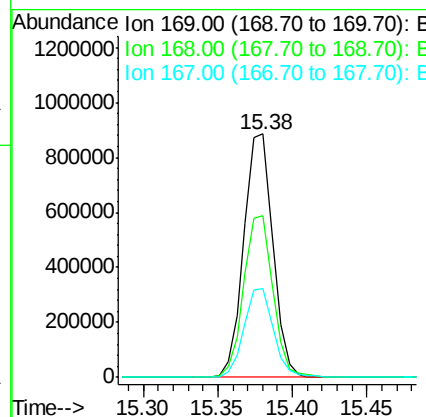
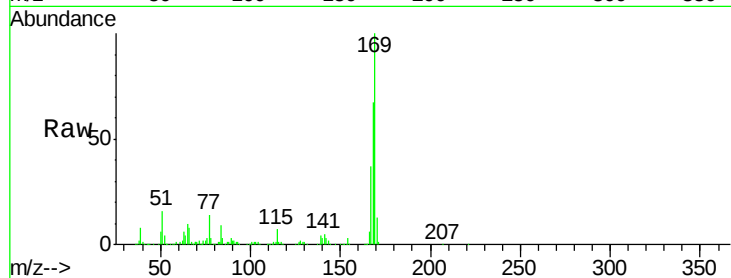
#65
 n-Nitrosodiphenylamine
 Concen: 41.668 ng
 RT: 15.38 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.9	80.9
167	36.7	28.9	43.3

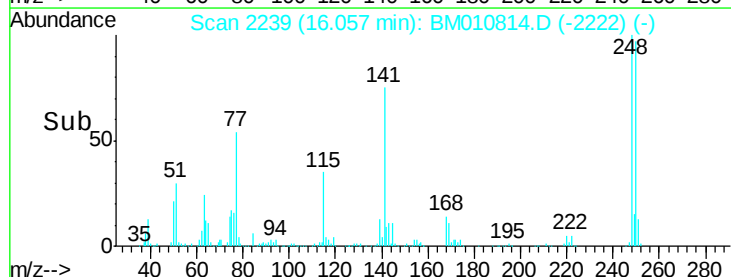
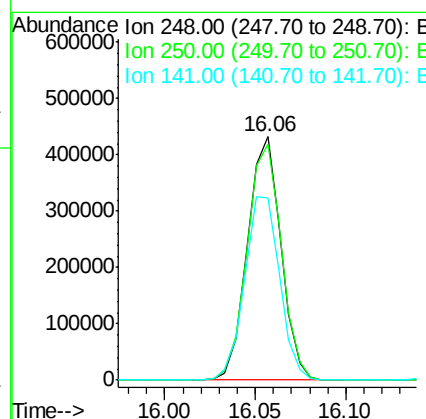
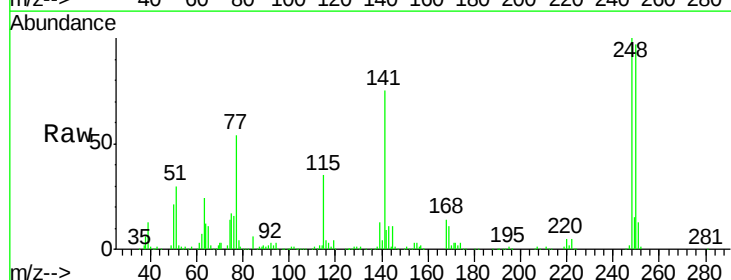
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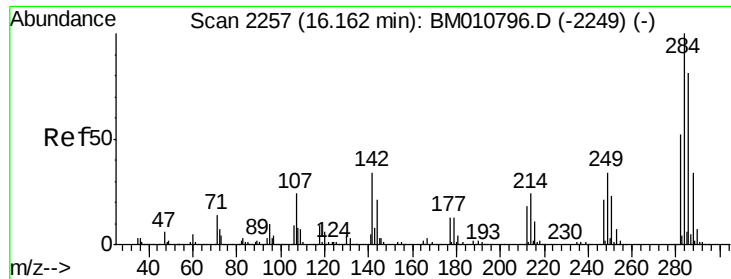
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#66
 4-Bromophenyl-phenylether
 Concen: 43.390 ng
 RT: 16.06 min Scan# 2239
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.4	116.0
141	74.9	45.2	67.8





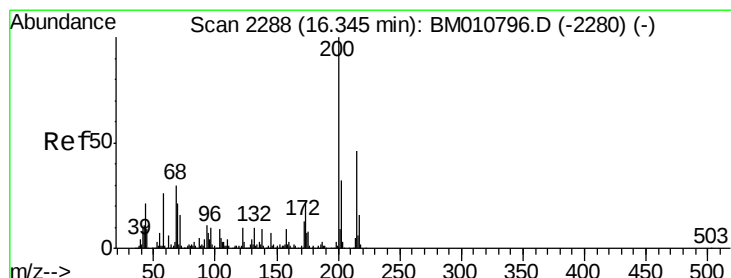
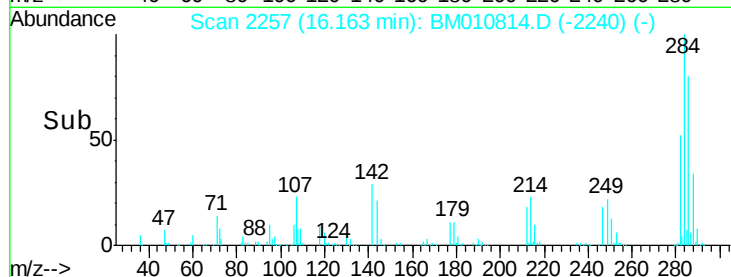
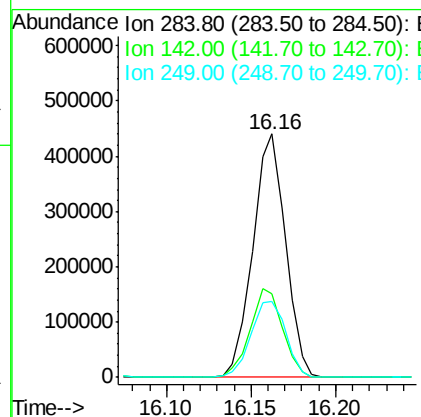
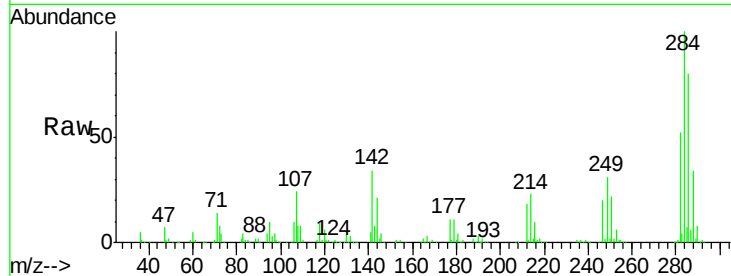
#67
Hexachlorobenzene
Concen: 40.877 ng
RT: 16.16 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	34.2	20.4	30.6#
249	31.3	23.8	35.6

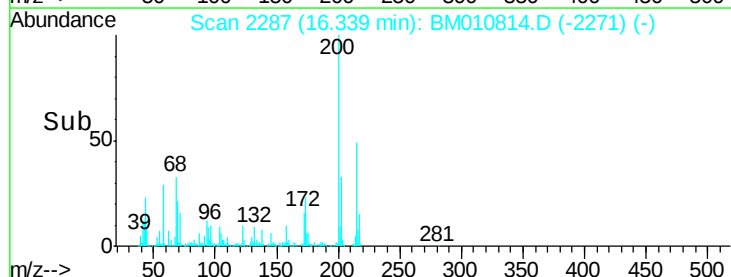
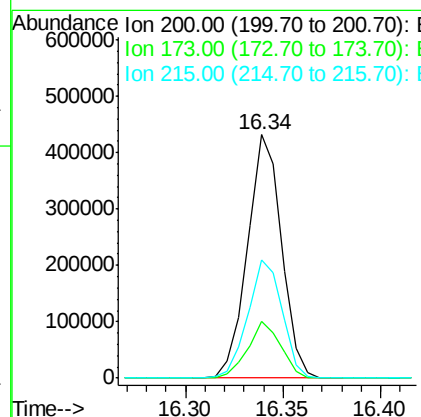
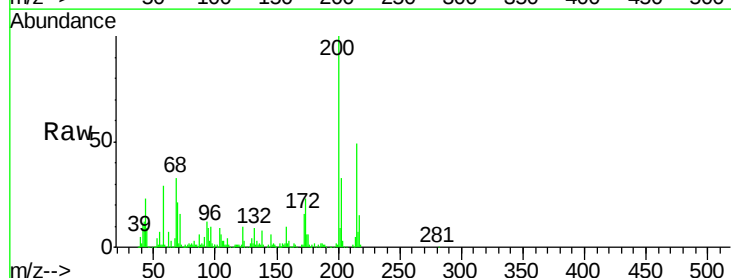
Manual Integrations
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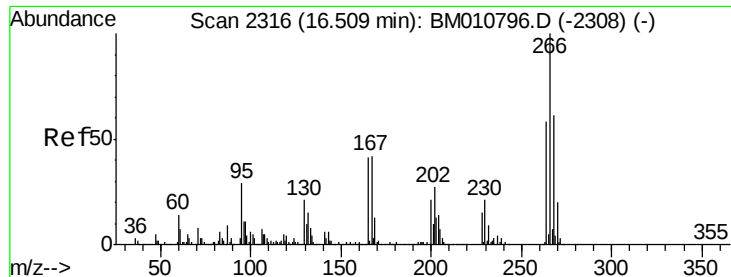
mohammad
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#68
Atrazine
Concen: 43.836 ng
RT: 16.34 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.2	4.8	44.8
215	48.6	26.9	66.9





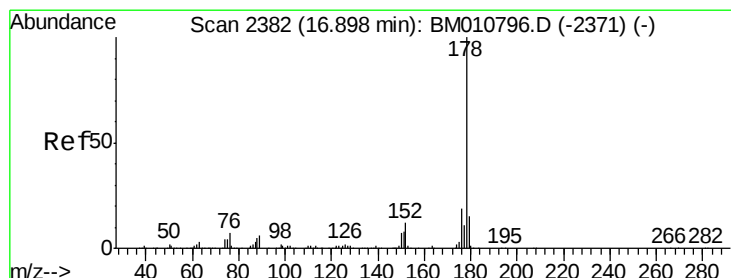
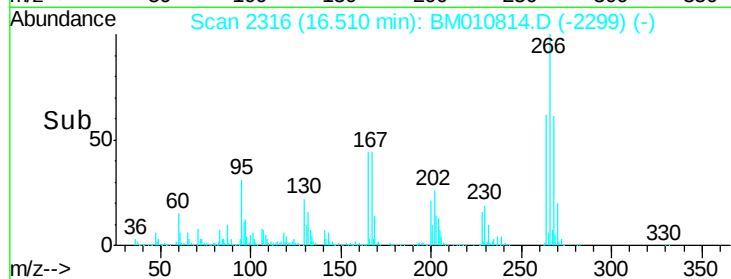
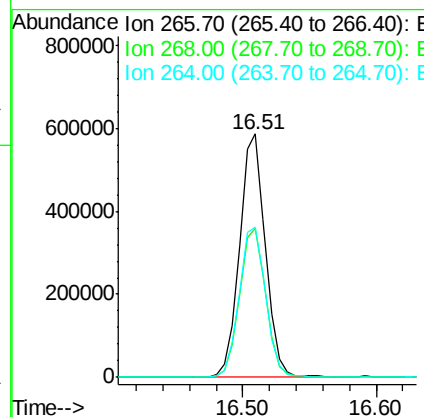
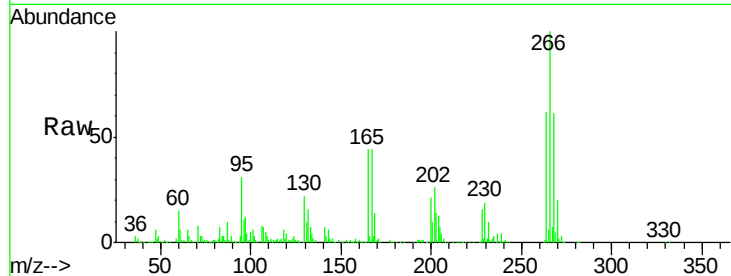
#69
 Pentachlorophenol
 Concen: 84.215 ng
 RT: 16.51 min Scan# 2316
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	786916		
268	61.3	52.0	78.0	
264	61.8	49.0	73.4	

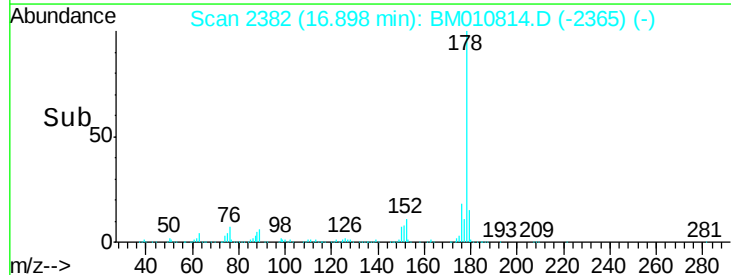
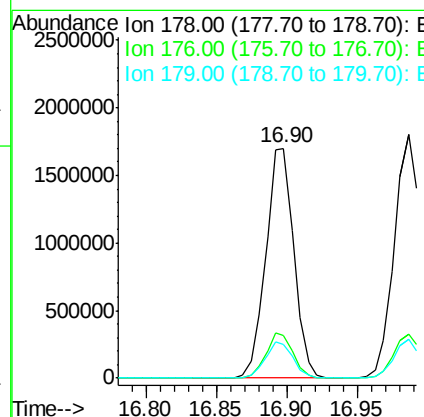
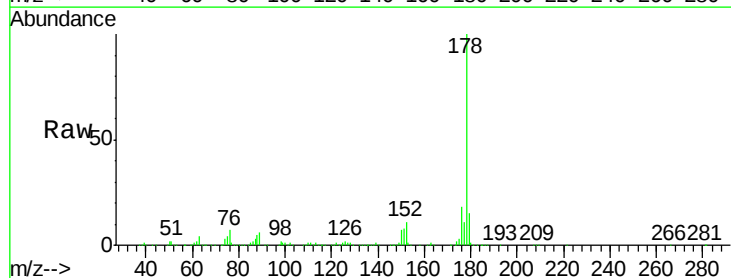
Manual Integrations
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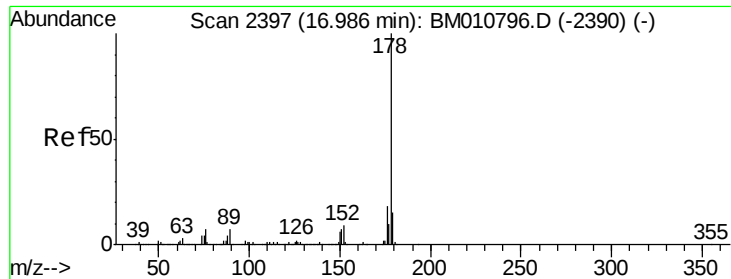
mohammad
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#70
 Phenanthrene
 Concen: 45.546 ng
 RT: 16.90 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2383254		
176	18.5	15.2	22.8	
179	14.5	12.1	18.1	





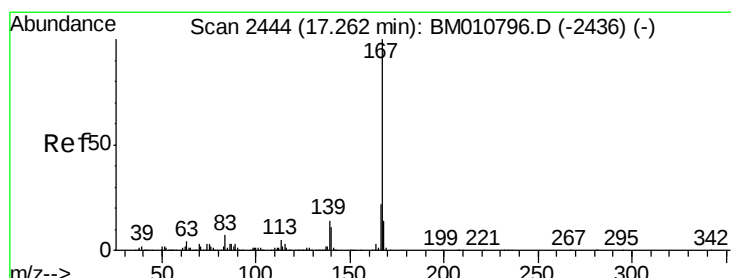
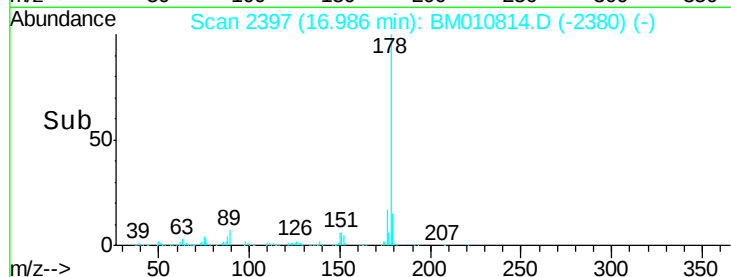
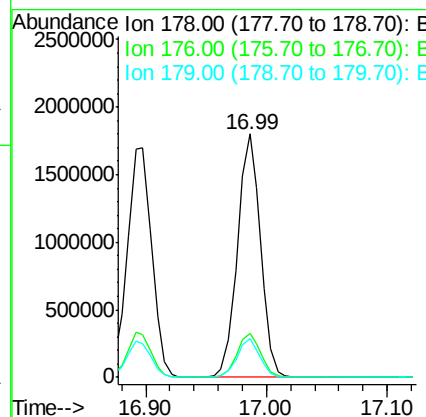
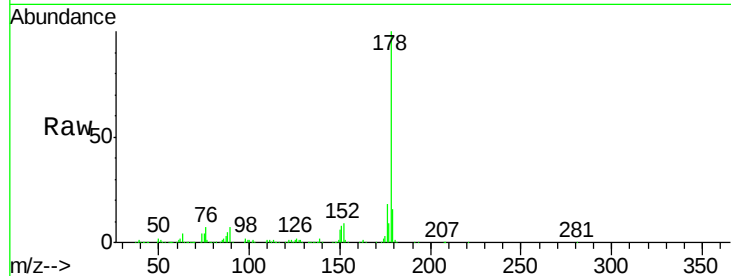
#71
 Anthracene
 Concen: 46.035 ng
 RT: 16.99 min Scan# 2397
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.7	12.6	19.0

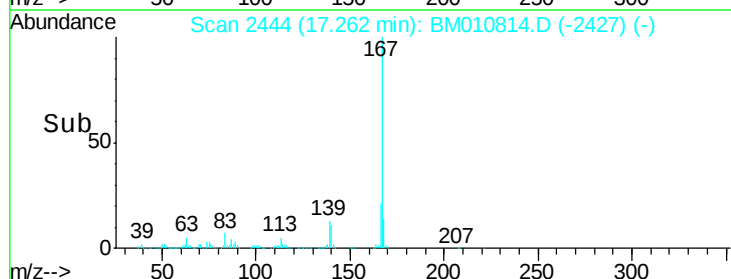
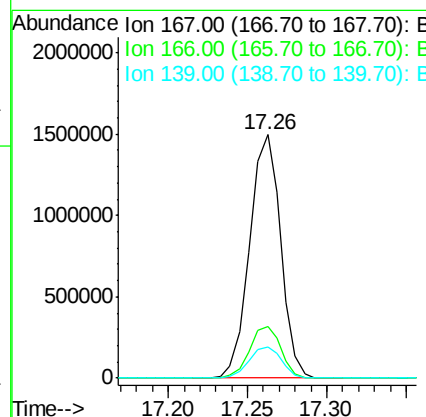
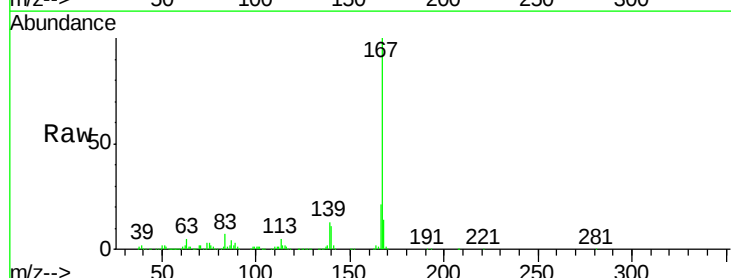
Manual Integrations
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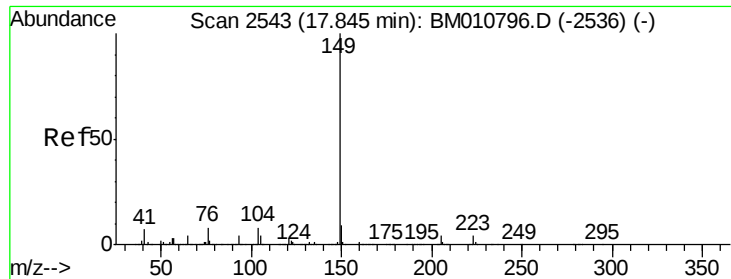
mohammad
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#72
 Carbazole
 Concen: 44.477 ng
 RT: 17.26 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.0	10.8	16.2





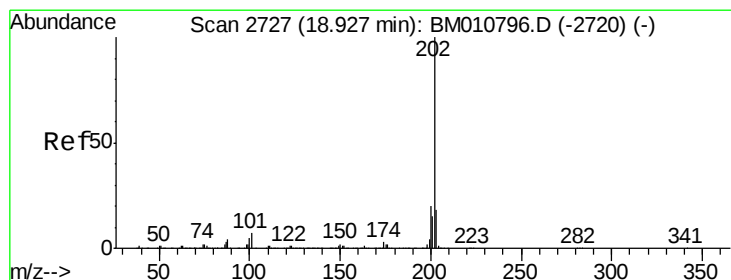
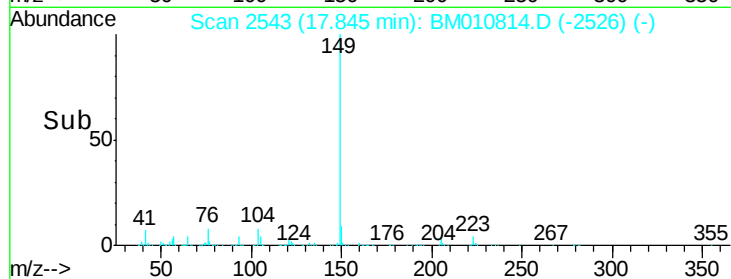
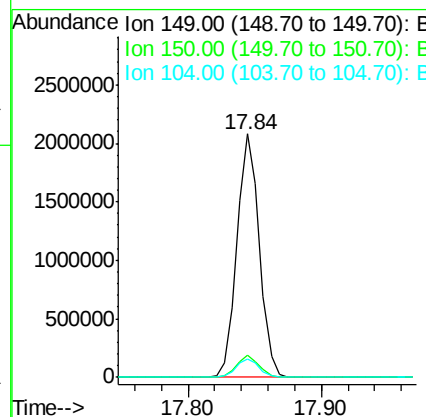
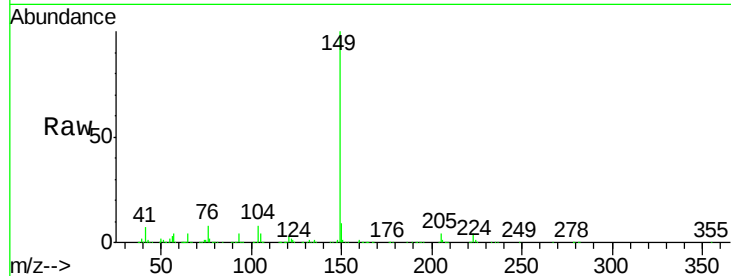
#73
Di-n-butylphthalate
Concen: 45.150 ng
RT: 17.84 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion:149 Resp: 2443548
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 7.8 3.7 5.5#

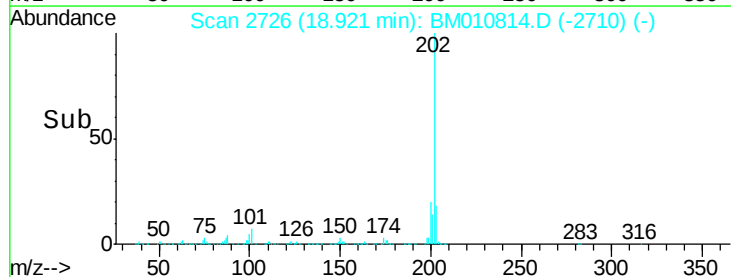
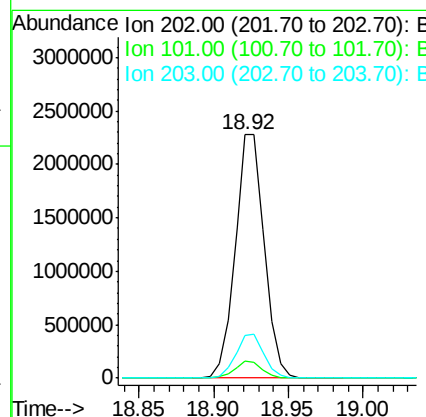
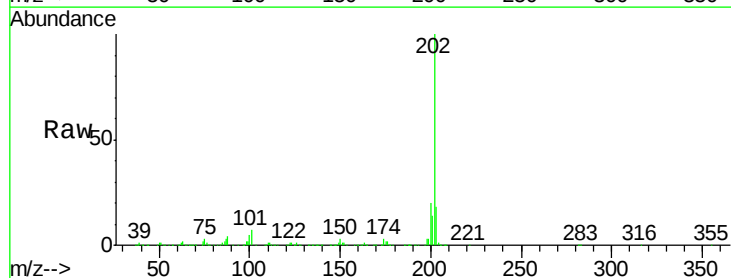
Manual Integrations
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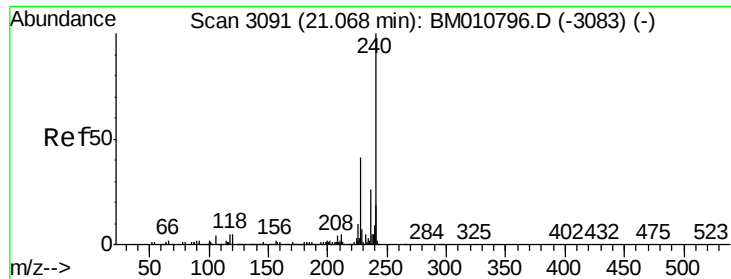
mohammad
7/17/2017 8:13:15 AM



#74
Fluoranthene
Concen: 47.695 ng
RT: 18.92 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion:202 Resp: 3090864
Ion Ratio Lower Upper
202 100
101 6.9 0.0 28.7
203 17.6 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: BM010814.D

Acq: 13 Jul 2017 16:07

Instrument :

BNA_M

ClientSampleId :

PB100537BS

Tgt Ion:240 Resp: 1317138

Ion Ratio Lower Upper

240 100

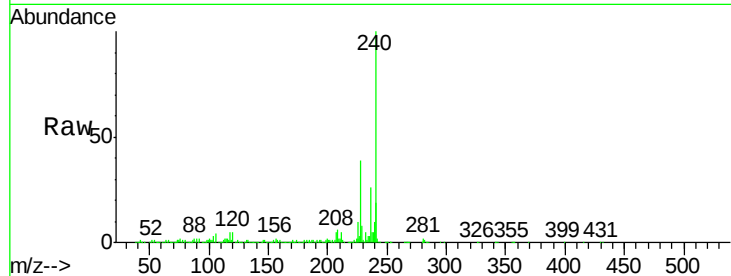
120 5.4 8.2 12.2#

236 25.8 20.0 30.0

Manual Integrations
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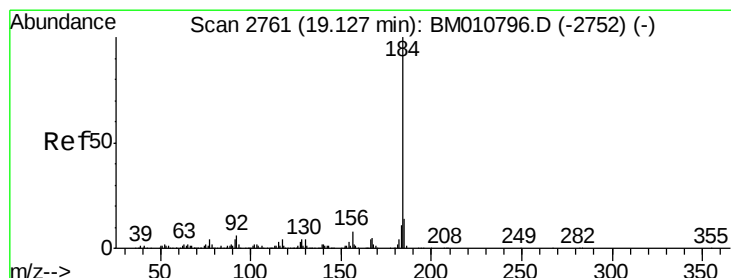
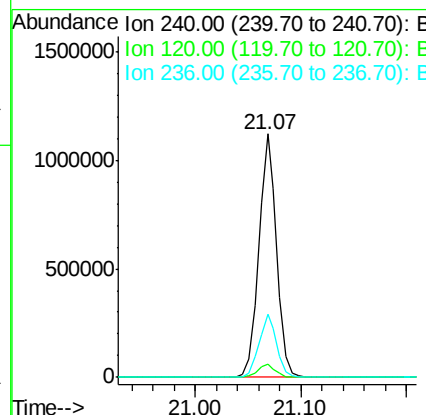
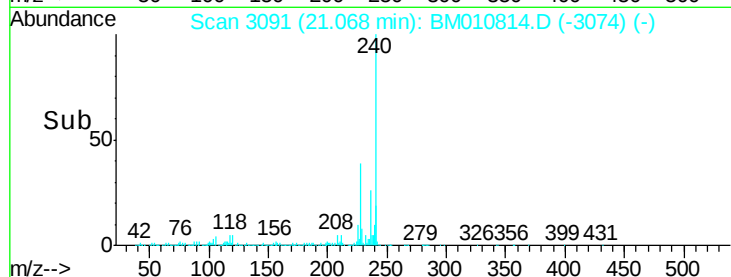
7/17/2017 8:13:15 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.645 ng

RT: 19.13 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

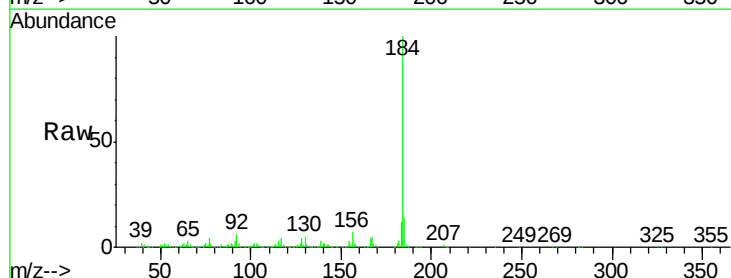
Tgt Ion:184 Resp: 1679323

Ion Ratio Lower Upper

184 100

185 13.6 11.3 16.9

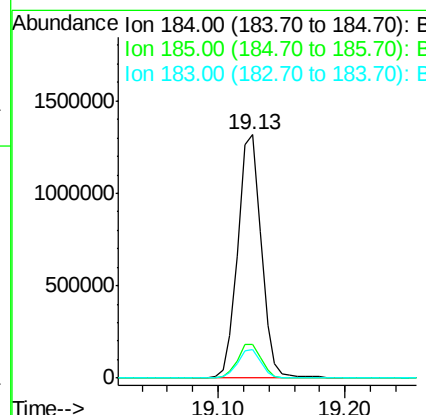
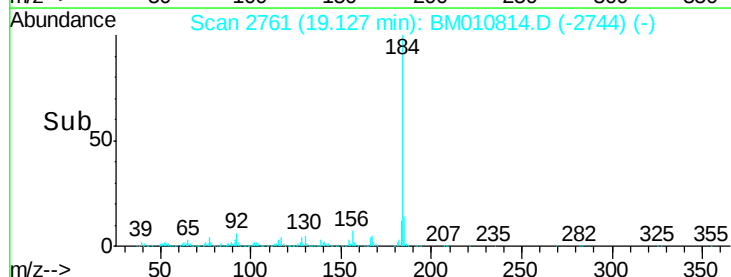
183 11.7 8.9 13.3

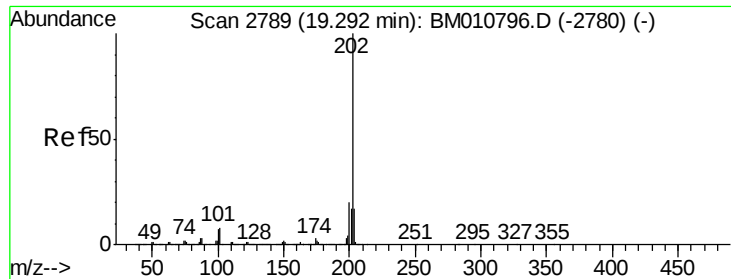


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.929 ng

RT: 19.29 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Instrument :

BNA_M

ClientSampleId :

PB100537BS

Tgt Ion:202 Resp: 3201570

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

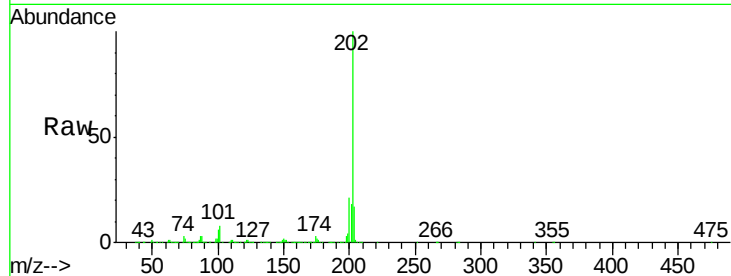
203 17.4 14.1 21.1

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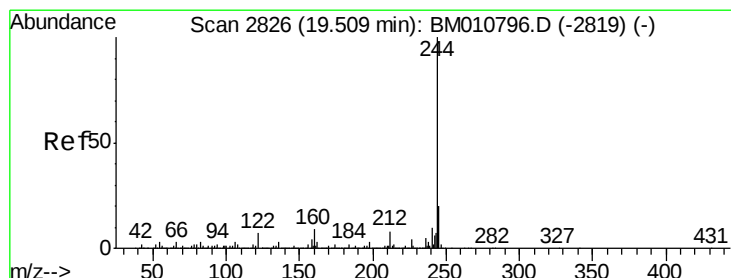
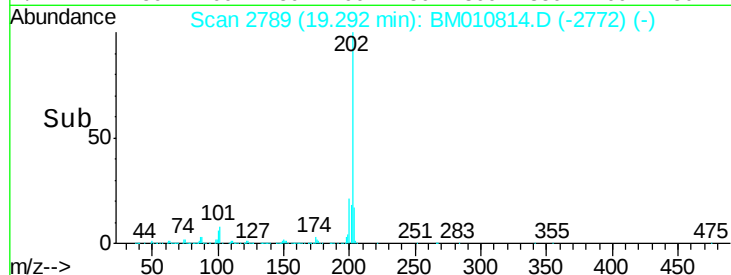
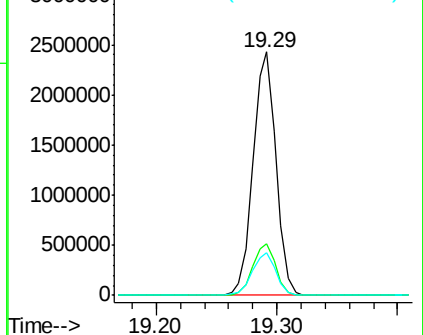
7/17/2017 8:13:15 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.378 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

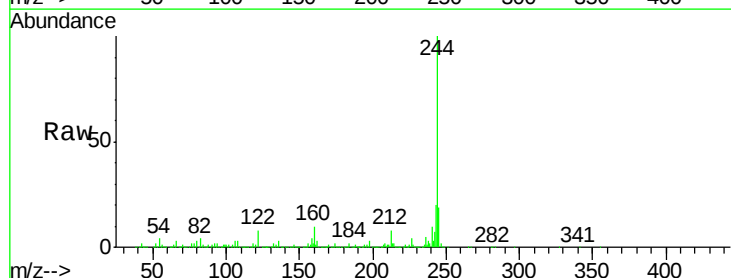
Tgt Ion:244 Resp: 4997112

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

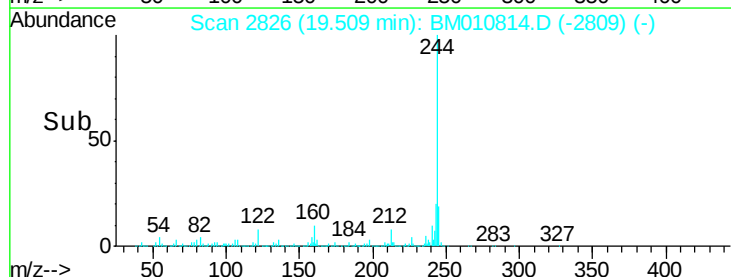
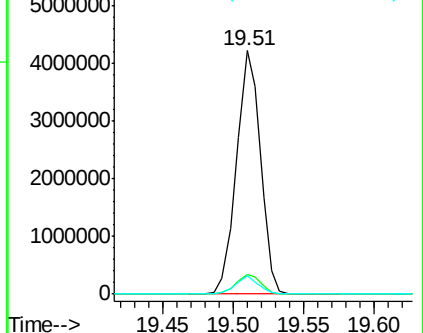
122 7.6 6.2 9.4

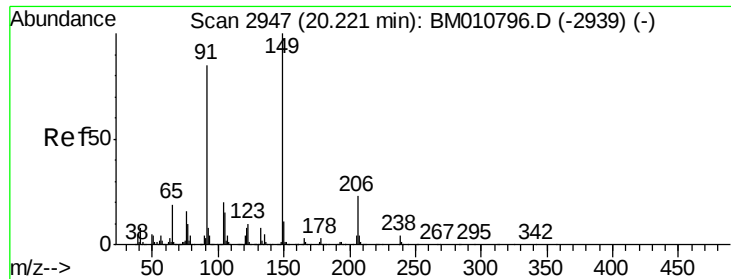


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





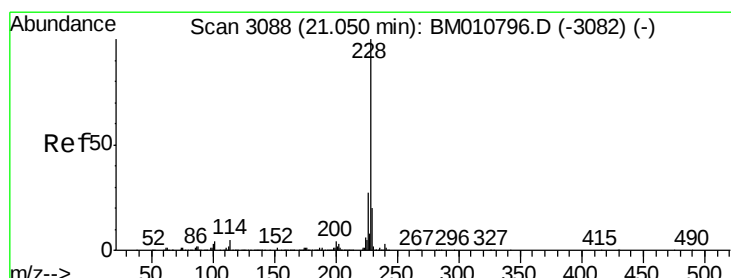
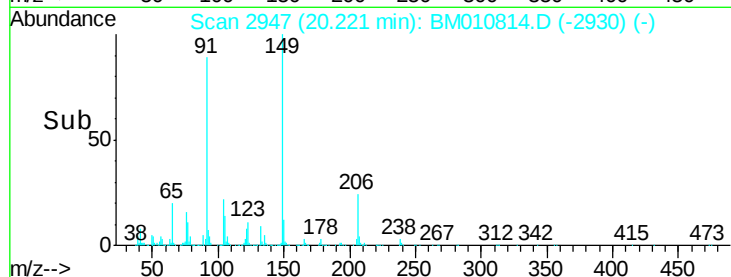
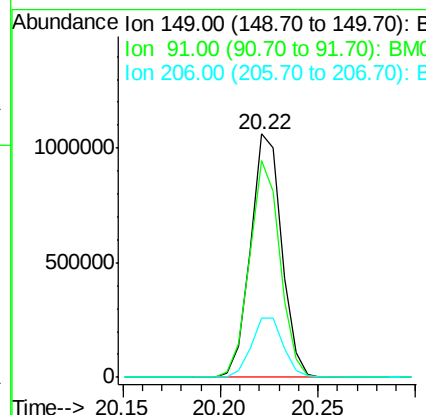
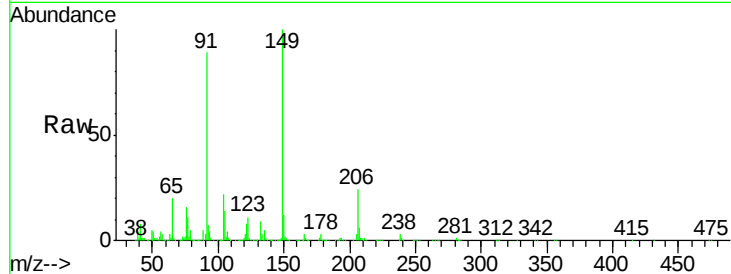
#79
Butylbenzylphthalate
Concen: 43.981 ng
RT: 20.22 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion:149 Resp: 1175743
Ion Ratio Lower Upper
149 100
91 88.9 50.1 75.1#
206 24.3 16.2 24.2#

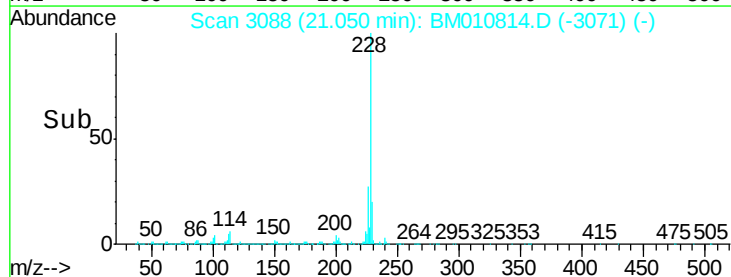
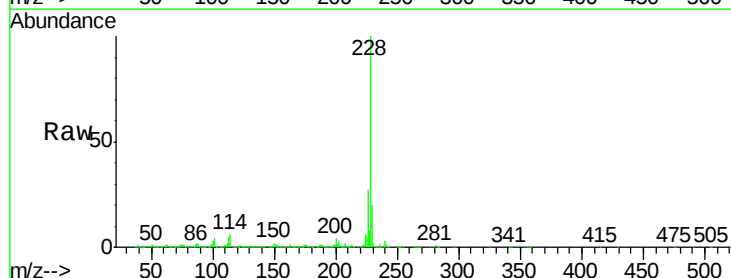
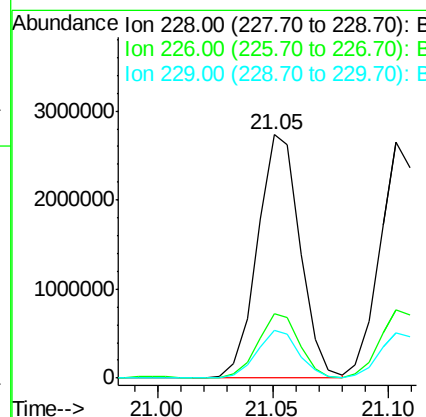
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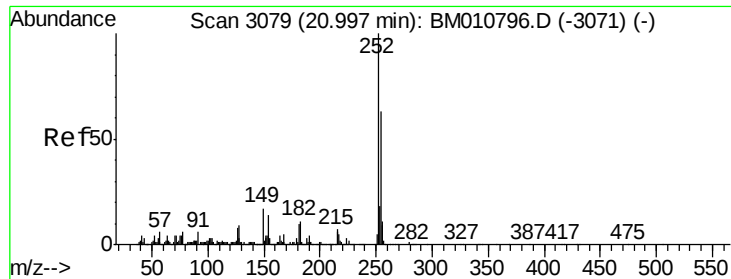
mohammad
7/17/2017 8:13:15 AM



#80
Benzo(a)anthracene
Concen: 45.873 ng
RT: 21.05 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion:228 Resp: 3501039
Ion Ratio Lower Upper
228 100
226 26.5 21.7 32.5
229 19.8 16.0 24.0





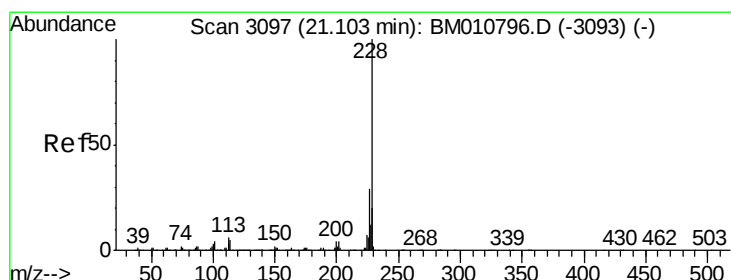
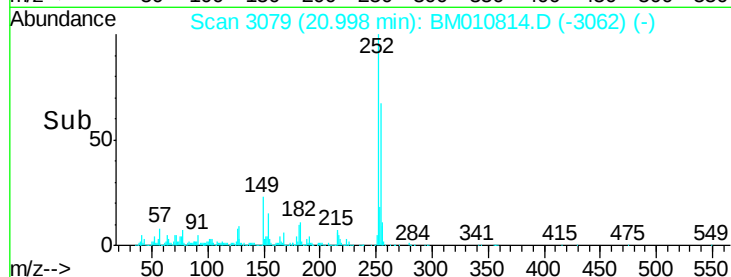
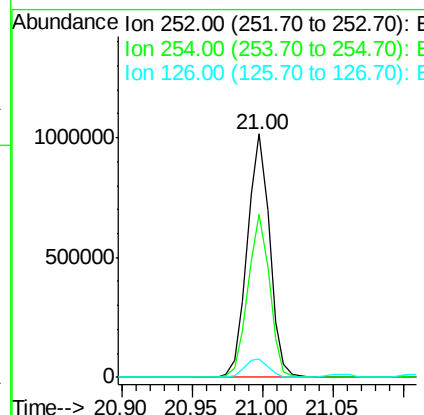
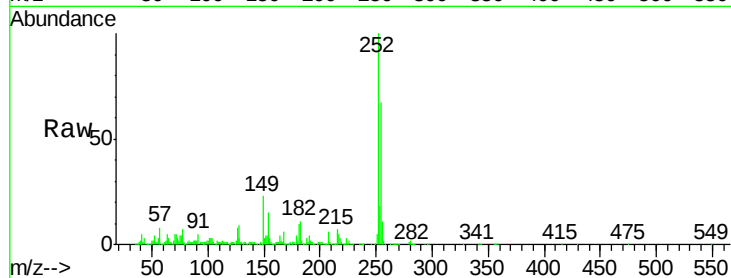
#81
 3,3'-Dichlorobenzidine
 Concen: 37.670 ng
 RT: 21.00 min Scan# 3079
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampled :
 PB100537BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.1	51.9	77.9
126	7.6	9.8	14.8

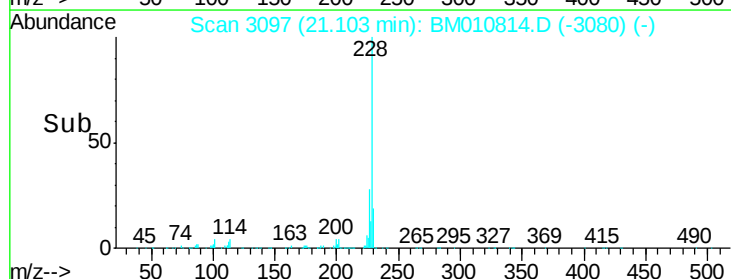
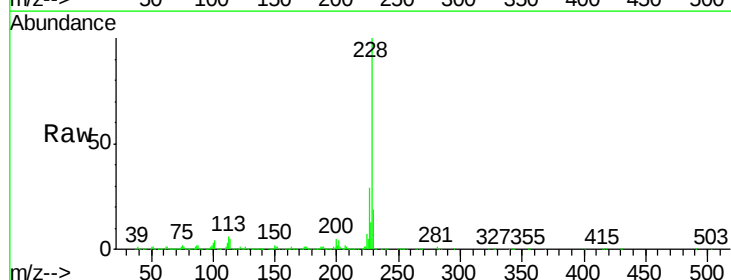
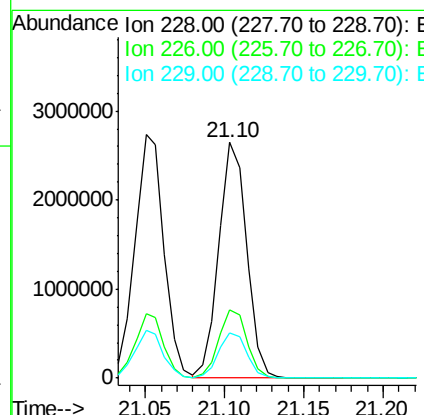
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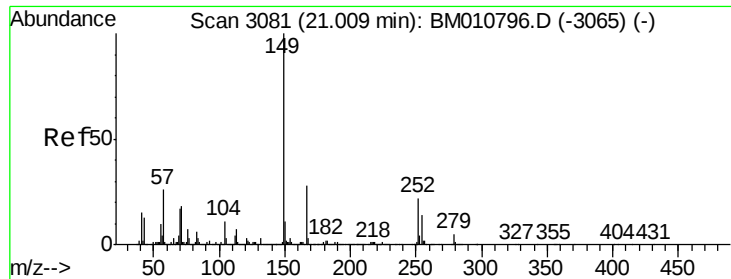
mohammad
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#82
 Chrysene
 Concen: 44.413 ng
 RT: 21.10 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.1	36.1
229	19.2	15.5	23.3





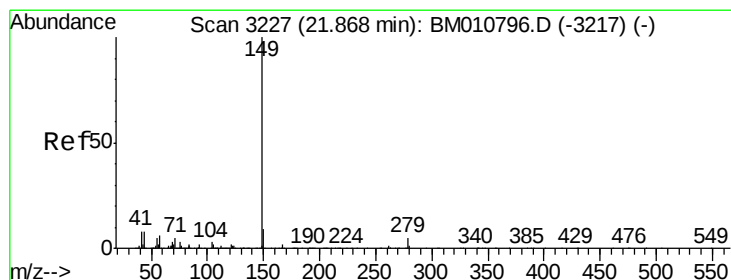
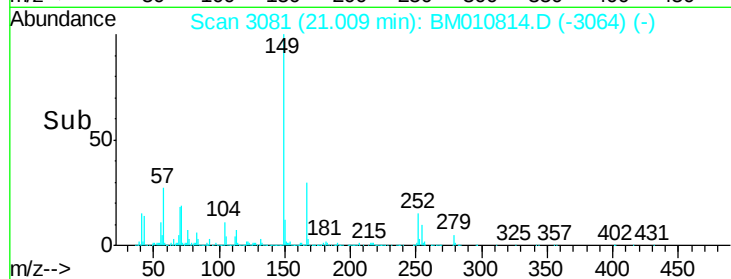
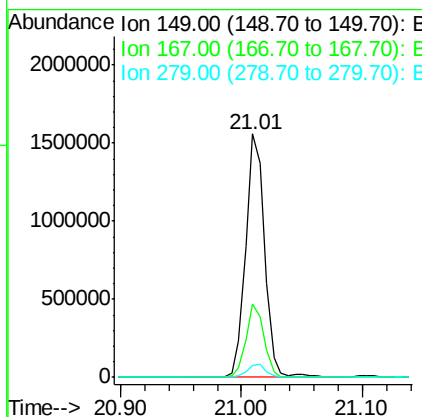
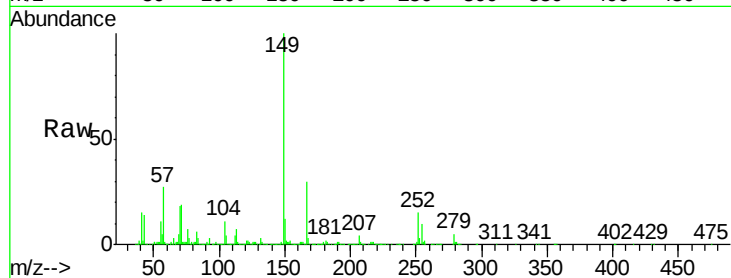
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.131 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Tgt Ion:149 Resp: 1717963
 Ion Ratio Lower Upper
 149 100
 167 29.9 22.4 33.6
 279 4.9 3.4 5.0

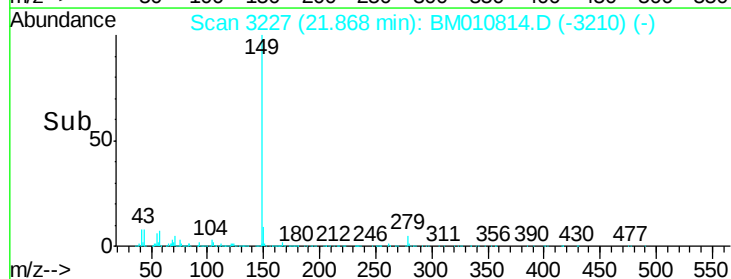
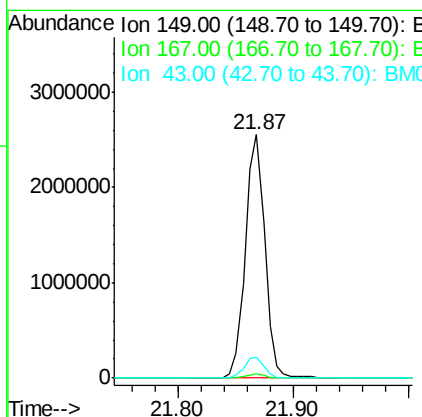
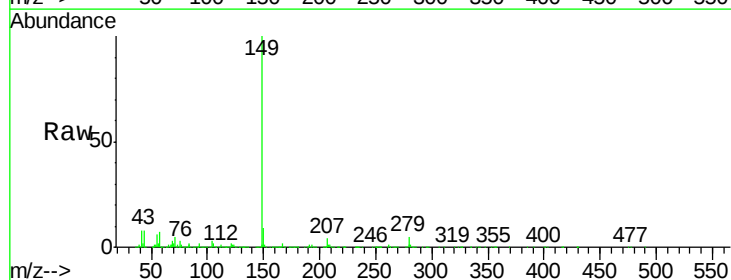
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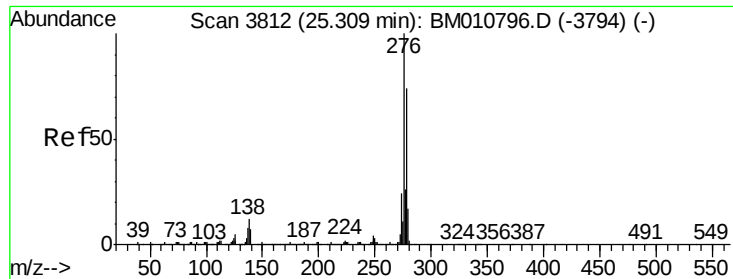
mohammad
 7/17/2017 8:13:15 AM



#84
 Di-n-octyl phthalate
 Concen: 46.776 ng
 RT: 21.87 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Tgt Ion:149 Resp: 2983486
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 8.8 7.3 10.9





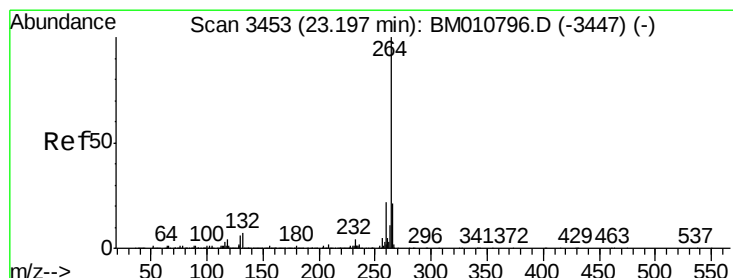
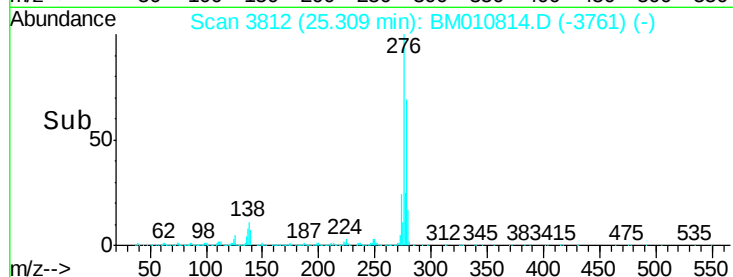
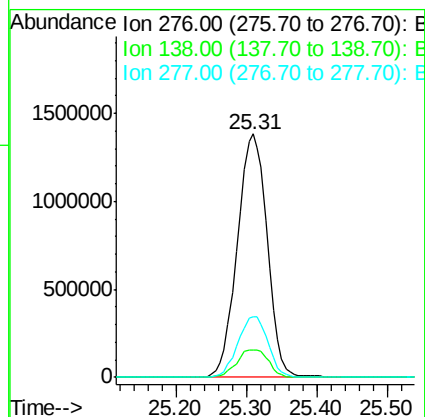
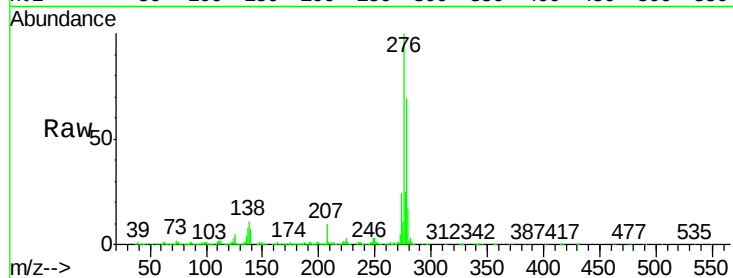
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.784 ng
RT: 25.31 min Scan# 3812
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	0.0	0.0#
277	25.5	0.0	0.0#

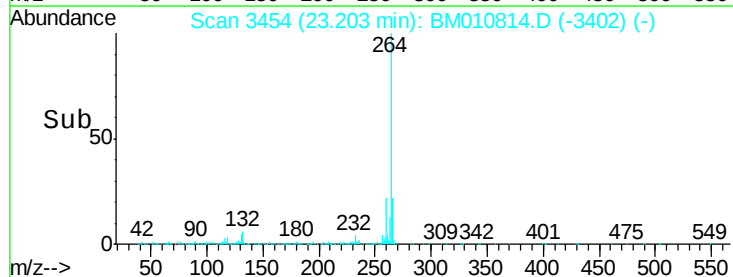
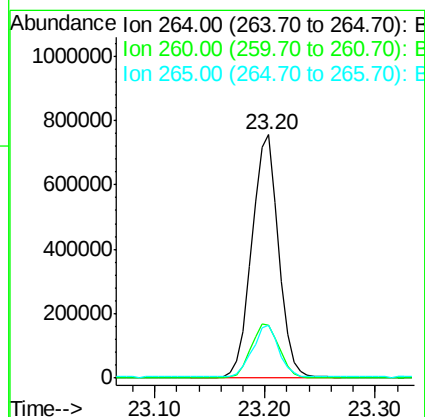
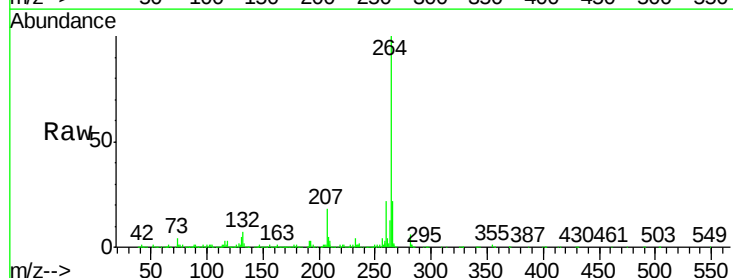
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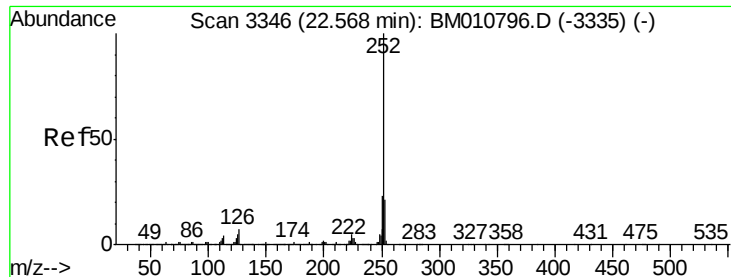
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.20 min Scan# 3454
Delta R.T. 0.01 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.6	27.8
265	21.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 45.601 ng

RT: 22.57 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Instrument :

BNA_M

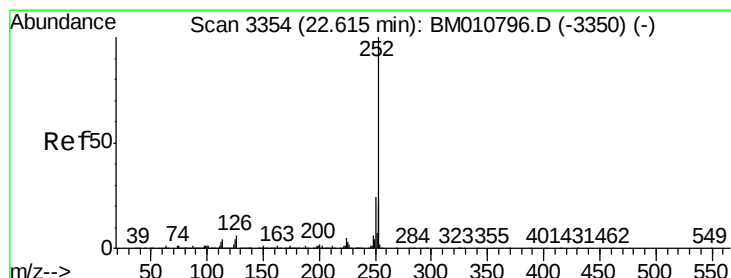
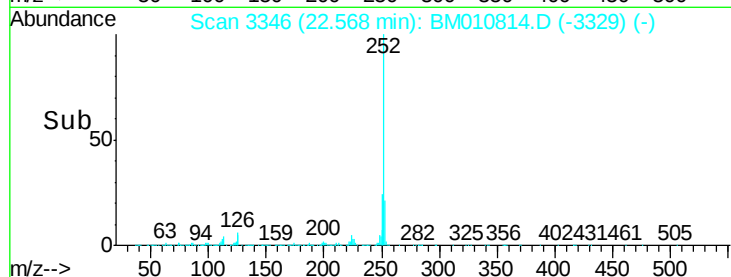
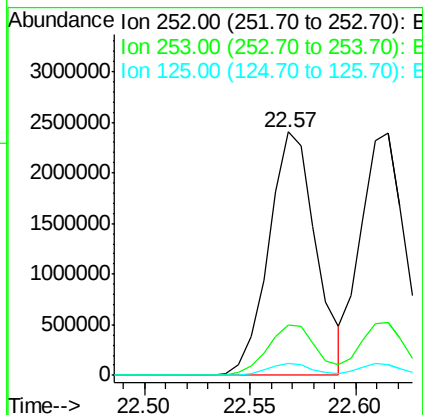
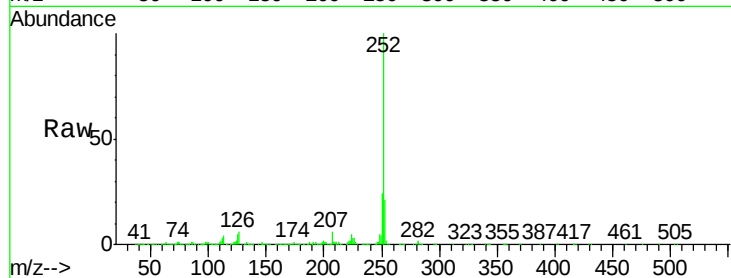
ClientSampleId :

PB100537BS

Tgt Ion:	252	Resp:	3750570
Ion Ratio	Lower	Upper	
252	100		
253	20.8	18.0	27.0
125	4.9	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 44.343 ng

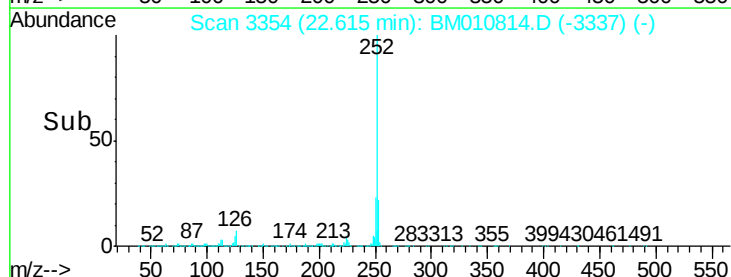
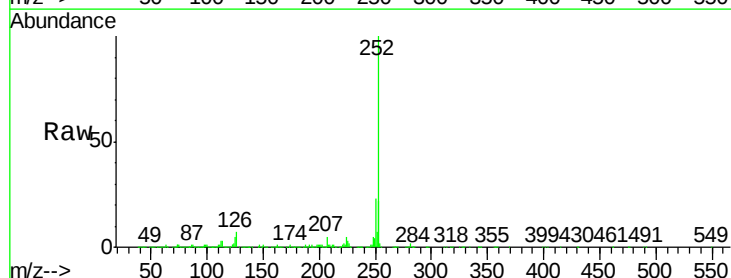
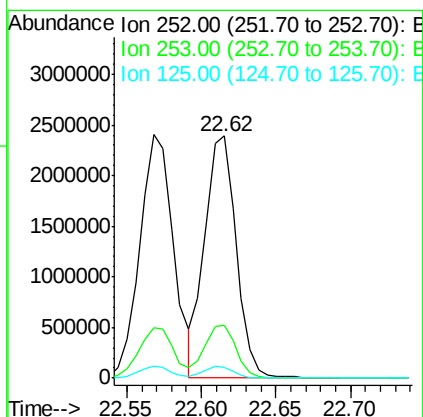
RT: 22.62 min Scan# 3354

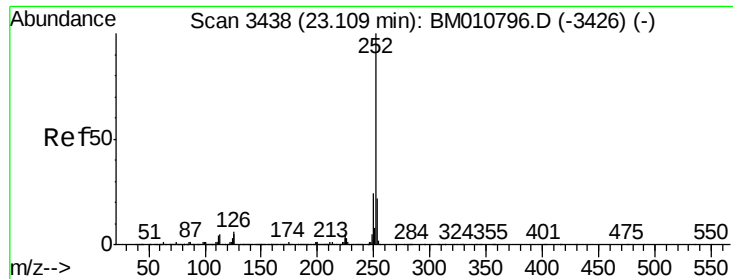
Delta R.T. 0.00 min

Lab File: BM010814.D

Acq: 13 Jul 2017 16:07

Tgt Ion:	252	Resp:	3483519
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	4.5	8.1	12.1#





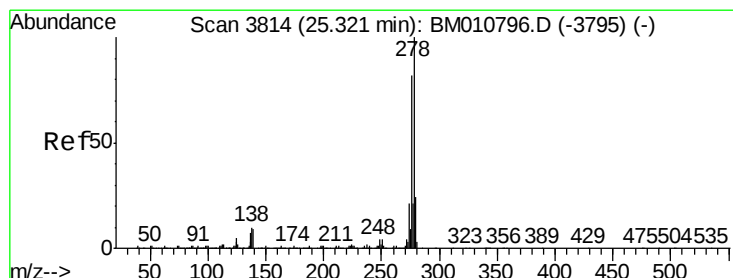
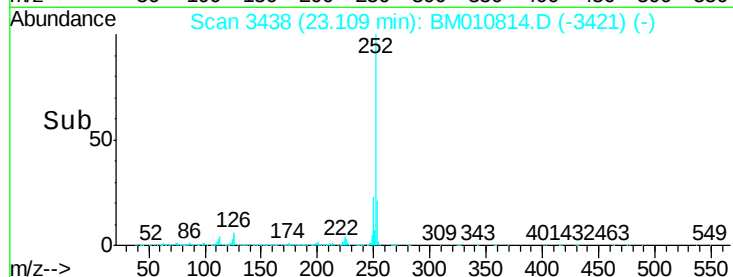
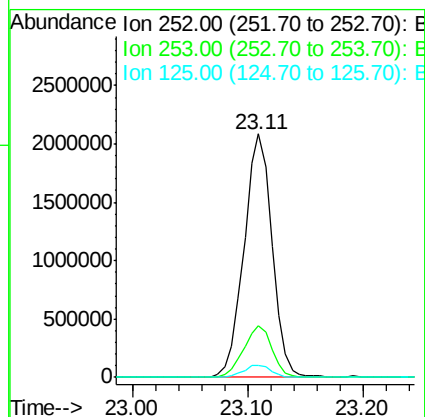
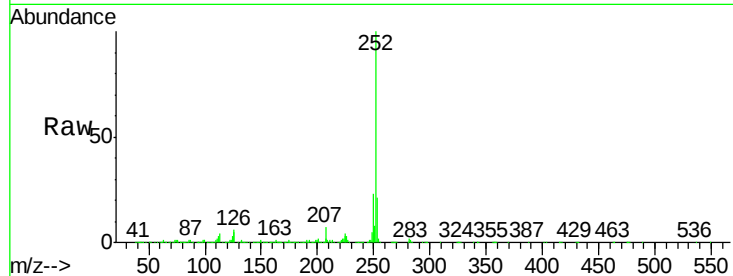
#89
Benzo(a)pyrene
Concen: 46.985 ng
RT: 23.11 min Scan# 3438
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Instrument :
BNA_M
ClientSampleId :
PB100537BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	5.1	7.4	11.2

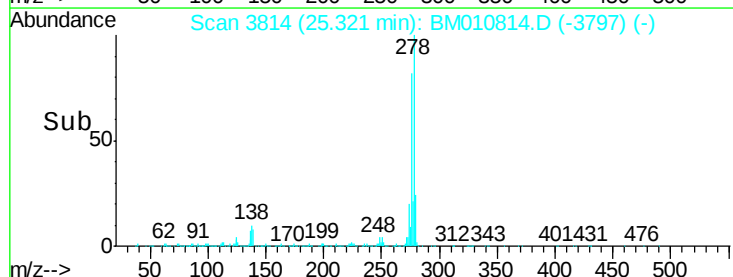
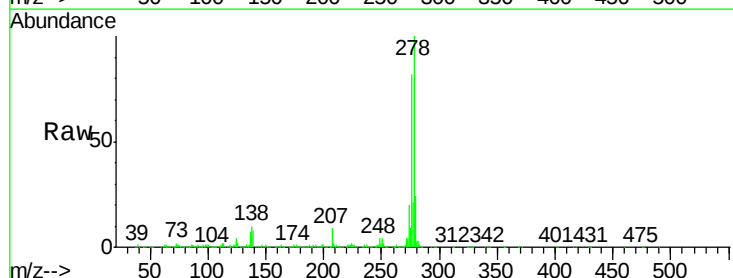
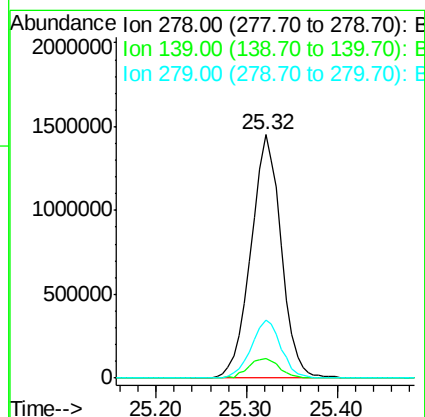
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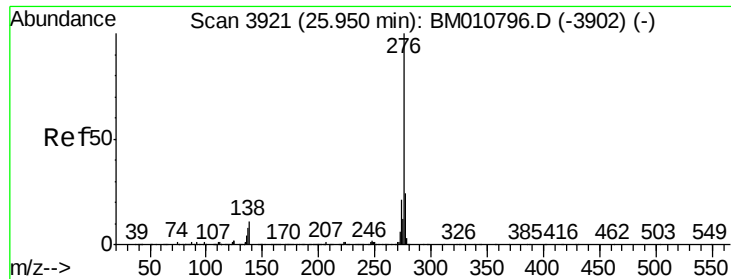
mohammad
7/17/2017 8:13:15 AM



#90
Dibenzo(a,h)anthracene
Concen: 46.355 ng
RT: 25.32 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BM010814.D
Acq: 13 Jul 2017 16:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.3	13.4	20.0
279	23.9	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 46.459 ng
 RT: 25.95 min Scan# 3921
 Delta R.T. 0.00 min
 Lab File: BM010814.D
 Acq: 13 Jul 2017 16:07

Instrument :
 BNA_M
 ClientSampleId :
 PB100537BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.5	27.7
138	9.7	19.0	28.6

Manual Integrations
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 7/17/2017 8:13:15 AM

