

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071317\
 Data File : BM010816.D
 Acq On : 13 Jul 2017 17:20
 Operator : SJ/JU
 Sample : PB100554BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100554BS

Manual Integrations
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mohammad
 7/17/2017 8:13:18 AM

Quant Time: Jul 13 18:56:39 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	214790	20.00	ng	0.00
21) Naphthalene-d8	10.21	136	870868	20.00	ng	0.00
38) Acenaphthene-d10	14.10	164	559239	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1343793	20.00	ng	0.00
75) Chrysene-d12	21.07	240	1365589	20.00	ng	0.00
86) Perylene-d12	23.20	264	1270236	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	1613046	124.40	ng	0.00
7) Phenol-d6	6.65	99	2048560	114.60	ng	0.00
23) Nitrobenzene-d5	8.59	82	1680643	74.18	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	1044467	122.21	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	3611834	80.35	ng	0.00
78) Terphenyl-d14	19.51	244	5182009	73.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	171209	29.924	ng	# 100
3) Pyridine	3.46	79	493212	31.537	ng	# 88
4) n-Nitrosodimethylamine	3.39	42	328812	41.138	ng	# 65
6) Aniline	6.79	93	724056	32.335	ng	# 94
8) 2-Chlorophenol	7.02	128	478789	37.295	ng	# 87
9) Benzaldehyde	6.60	77	307213	24.751	ng	# 83
10) Phenol	6.67	94	703393	37.217	ng	# 96
11) bis(2-Chloroethyl)ether	6.89	93	523042	35.933	ng	# 92
12) 1,3-Dichlorobenzene	7.34	146	573901	36.173	ng	# 79
13) 1,4-Dichlorobenzene	7.48	146	591396	36.121	ng	# 92
14) 1,2-Dichlorobenzene	7.79	146	560035	35.896	ng	# 91
15) Benzyl Alcohol	7.69	79	651545	38.493	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	7.99	45	491863	38.975	ng	# 79
17) 2-Methylphenol	7.89	107	477562	39.070	ng	# 82
18) Hexachloroethane	8.50	117	261942	38.143	ng	# 86
19) n-Nitroso-di-n-propylamine	8.26	70	503960	35.591	ng	# 98
20) 3+4-Methylphenols	8.22	107	645917	38.035	ng	# 83
22) Acetophenone	8.26	105	901799	34.392	ng	# 93
24) Nitrobenzene	8.64	77	819306	35.285	ng	# 89
25) Isophorone	9.16	82	1288280	34.709	ng	# 88
26) 2-Nitrophenol	9.33	139	280300	36.278	ng	# 25
27) 2,4-Dimethylphenol	9.41	122	484871	35.161	ng	# 69
28) bis(2-Chloroethoxy)methane	9.65	93	742306	35.676	ng	# 97
29) 2,4-Dichlorophenol	9.86	162	577236	37.055	ng	# 95
30) 1,2,4-Trichlorobenzene	10.07	180	697355	36.618	ng	# 96
31) Naphthalene	10.26	128	1641174	37.063	ng	# 99
32) Benzoic acid	9.54	122	339336	31.362	ng	# 77
33) 4-Chloroaniline	10.37	127	324477	18.188	ng	# 75
34) Hexachlorobutadiene	10.55	225	562041	38.035	ng	# 99
35) Caprolactam	11.16	113	141840m	34.201	ng	#
36) 4-Chloro-3-methylphenol	11.51	107	657213	34.878	ng	# 76
37) 2-Methylnaphthalene	11.88	142	1232582	38.754	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	903690	37.072	ng	# 100
40) Hexachlorocyclopentadiene	12.25	237	1423412	101.861	ng	# 97

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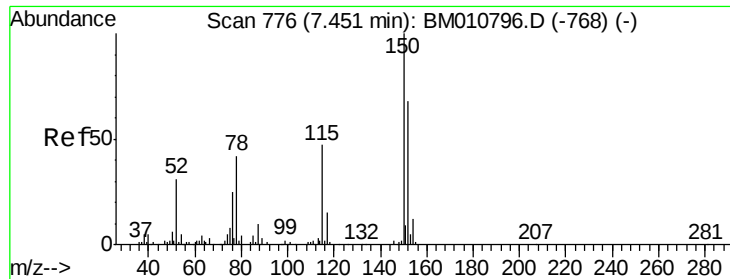
Manual Integrations
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 7/17/2017 8:13:18 AM

Quant Time: Jul 13 18:56:39 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.51	196	542160	36.120	ng	96
43) 2,4,5-Trichlorophenol	12.58	196	577447	38.966	ng #	88
45) 1,1'-Biphenyl	12.92	154	1710180	35.101	ng	97
46) 2-Chloronaphthalene	12.96	162	1338818	37.476	ng #	91
47) 2-Nitroaniline	13.17	65	465383	39.629	ng #	71
48) Acenaphthylene	13.82	152	2029402	38.195	ng	99
49) Dimethylphthalate	13.57	163	1729946	36.361	ng	99
50) 2,6-Dinitrotoluene	13.69	165	358740	38.442	ng #	63
51) Acenaphthene	14.16	154	1219799	37.571	ng	99
52) 3-Nitroaniline	14.02	138	195864	23.088	ng #	65
53) 2,4-Dinitrophenol	14.22	184	480366	74.464	ng #	89
54) Dibenzofuran	14.50	168	2147774	40.896	ng #	90
55) 4-Nitrophenol	14.33	139	521371	70.762	ng #	1
56) 2,4-Dinitrotoluene	14.48	165	496305	38.327	ng	98
57) Fluorene	15.16	166	1693712	37.516	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.73	232	581736	42.248	ng #	100
59) Diethylphthalate	14.95	149	1771688	37.706	ng	98
60) 4-Chlorophenyl-phenylether	15.16	204	1056011	38.079	ng	97
61) 4-Nitroaniline	15.19	138	321849	36.297	ng #	1
62) Azobenzene	15.45	77	2033093	42.612	ng	86
64) 4,6-Dinitro-2-methylphenol	15.24	198	328190	37.037	ng	89
65) n-Nitrosodiphenylamine	15.38	169	1470588	38.245	ng	100
66) 4-Bromophenyl-phenylether	16.06	248	689235	40.471	ng #	86
67) Hexachlorobenzene	16.16	284	714132	36.672	ng #	85
68) Atrazine	16.34	200	604294	37.949	ng	96
69) Pentachlorophenol	16.51	266	896781	71.836	ng	97
70) Phenanthrene	16.90	178	2750984	39.352	ng	100
71) Anthracene	16.99	178	2791172	40.222	ng	99
72) Carbazole	17.26	167	2269902	37.141	ng	99
73) Di-n-butylphthalate	17.84	149	2743078	37.937	ng #	97
74) Fluoranthene	18.92	202	3266348	37.727	ng	98
76) Benzidine	19.12	184	1423825	38.963	ng	99
77) Pyrene	19.29	202	3332525	42.096	ng	100
79) Butylbenzylphthalate	20.22	149	1128037	40.700	ng #	73
80) Benzo(a)anthracene	21.05	228	3186630	40.272	ng	99
81) 3,3'-Dichlorobenzidine	21.00	252	936271	30.093	ng #	95
82) Chrysene	21.10	228	2967700	39.381	ng	99
83) Bis(2-ethylhexyl)phthalate	21.01	149	1557989	38.601	ng	96
84) Di-n-octyl phthalate	21.87	149	2565340	38.793	ng	100
85) Indeno(1,2,3-cd)pyrene	25.31	276	3687571	42.674	ng #	100
87) Benzo(b)fluoranthene	22.57	252	3266226	40.481	ng #	90
88) Benzo(k)fluoranthene	22.61	252	2940205	38.151	ng #	95
89) Benzo(a)pyrene	23.11	252	3040498	41.400	ng #	96
90) Dibenzo(a,h)anthracene	25.32	278	3032852	42.548	ng #	91
91) Benzo(g,h,i)perylene	25.95	276	3067876	43.782	ng #	85

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



#1

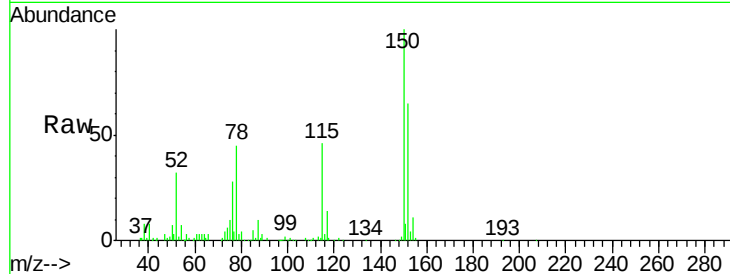
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. -0.01 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

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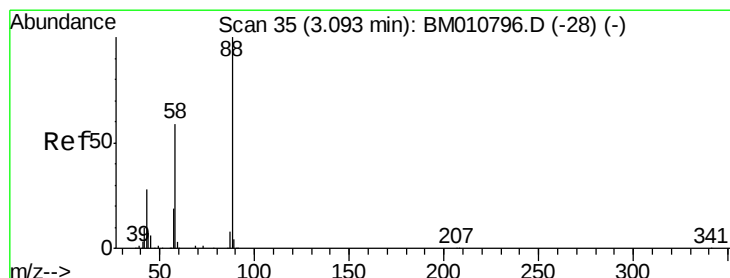
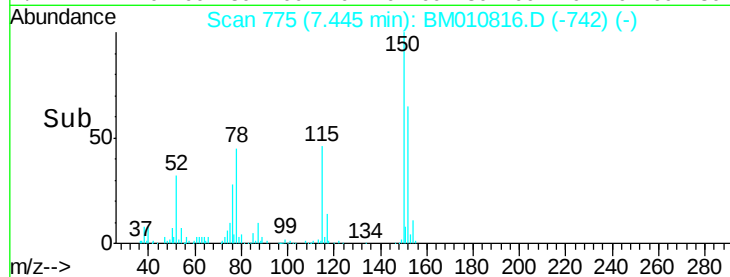
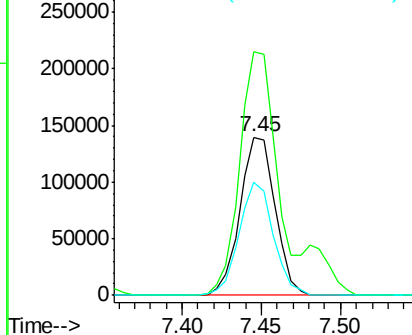
Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.6	119.5	179.3
115	71.1	43.0	64.4

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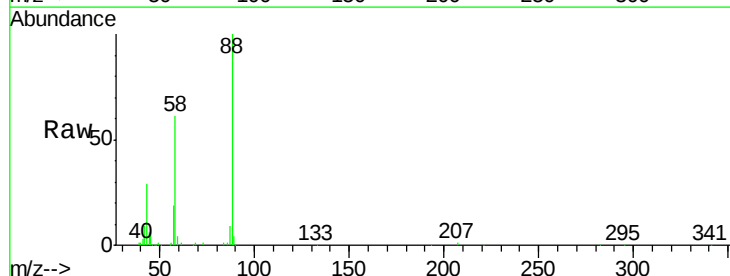
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



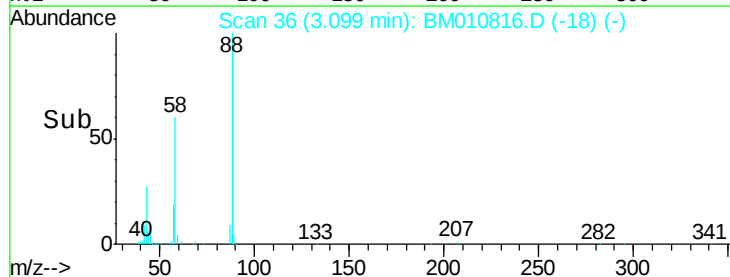
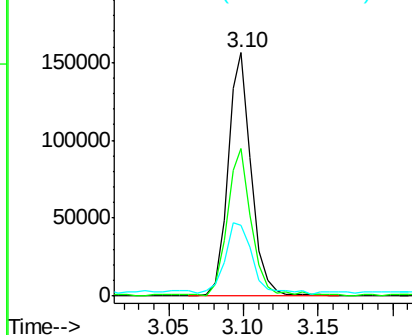
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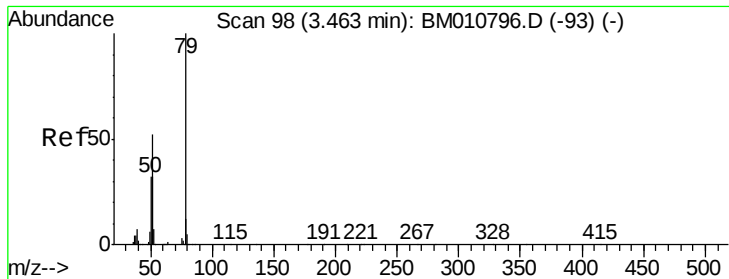
1,4-Dioxane
Concen: 29.924 ng
RT: 3.10 min Scan# 36
Delta R.T. 0.01 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.5	0.0	0.0
43	34.4	0.0	0.0



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 31.537 ng

RT: 3.46 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

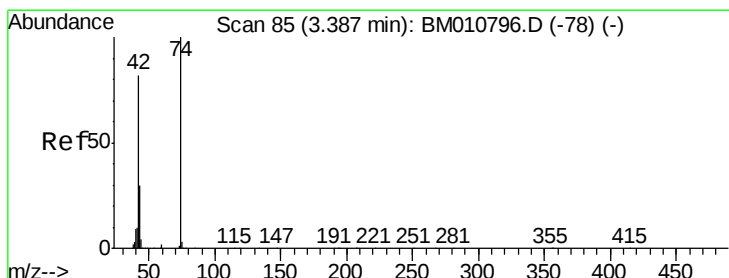
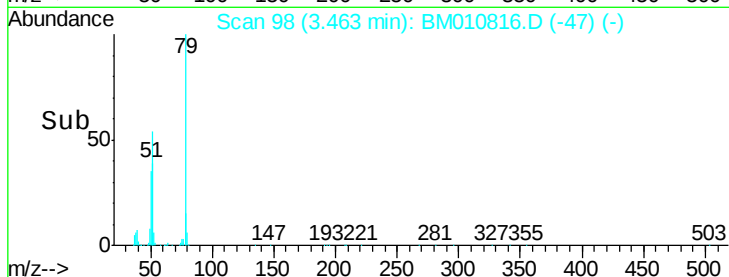
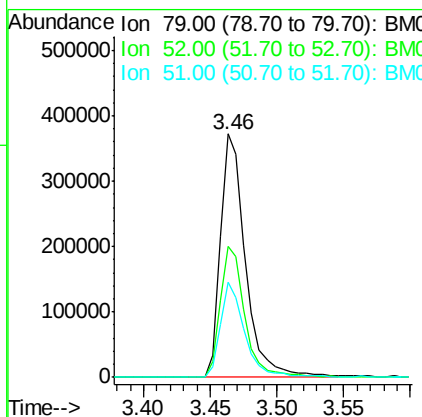
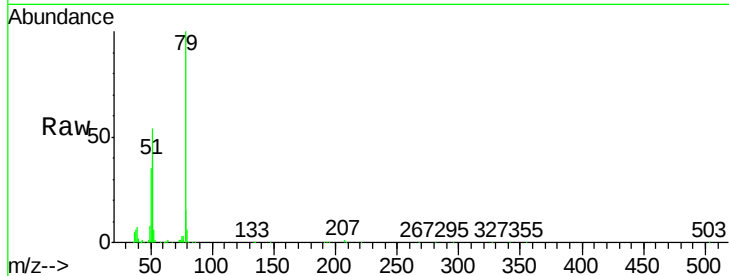
ClientSampleId :

PB100554BS

Tgt Ion:	79	Resp:	493212
Ion	Ratio	Lower	Upper
79	100		
52	53.9	51.1	76.7
51	38.8	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 41.138 ng

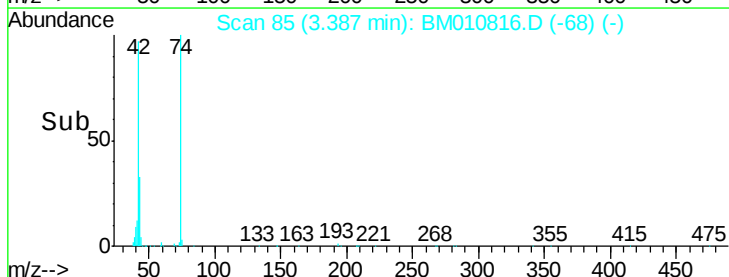
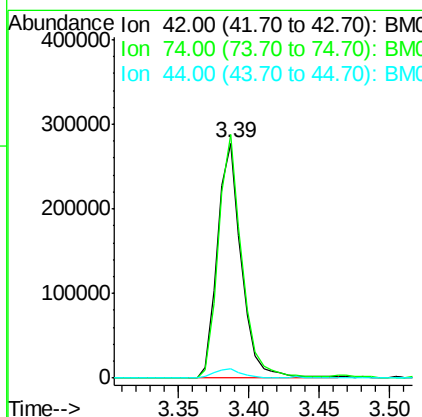
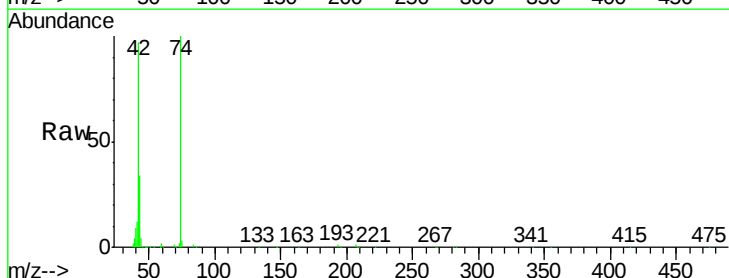
RT: 3.39 min Scan# 85

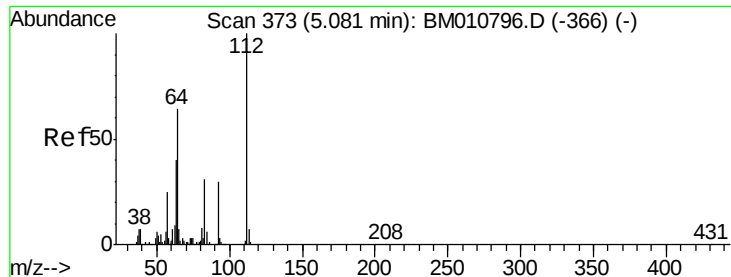
Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Tgt Ion:	42	Resp:	328812
Ion	Ratio	Lower	Upper
42	100		
74	103.6	119.3	178.9#
44	4.1	5.4	8.2#





#5

2-Fluorophenol

Concen: 124.400 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

ClientSampleId :

PB100554BS

Tgt Ion:112 Resp: 1613046

Ion Ratio Lower Upper

112 100

64 63.1 38.6 57.8#

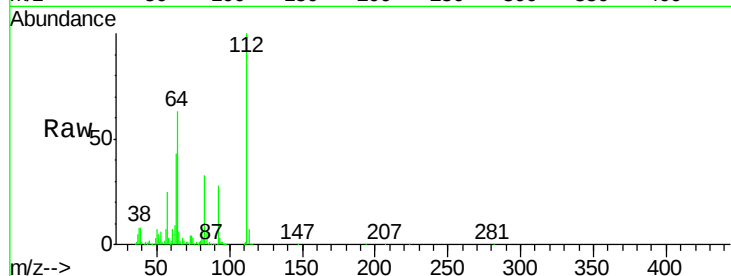
63 43.0 19.3 28.9#

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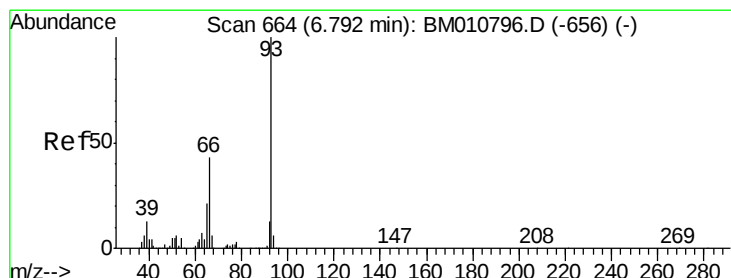
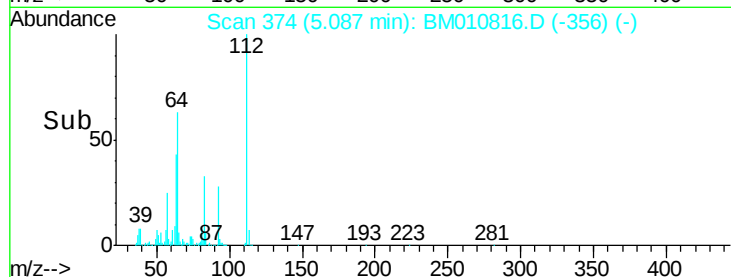
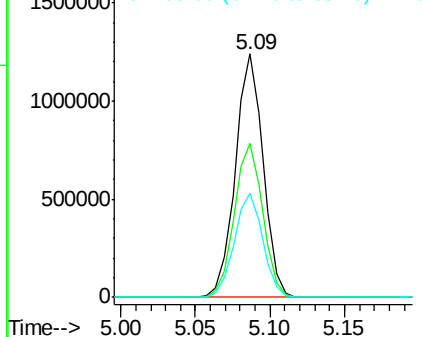
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 32.335 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

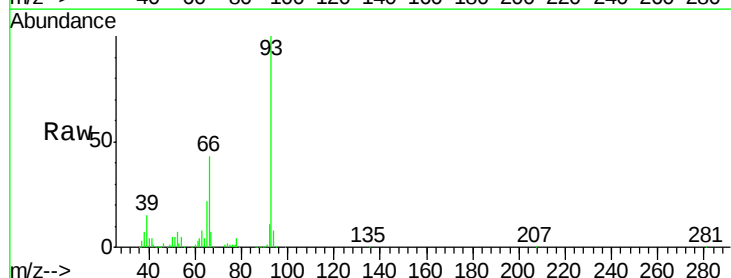
Tgt Ion: 93 Resp: 724056

Ion Ratio Lower Upper

93 100

66 42.5 30.8 46.2

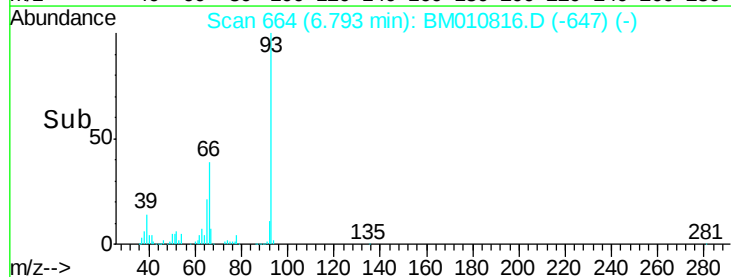
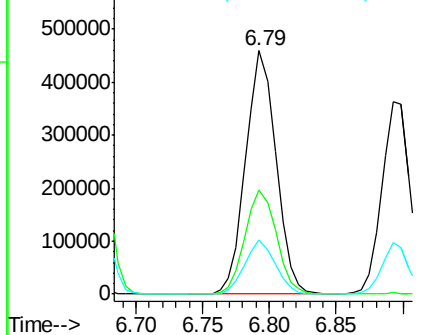
65 22.2 16.0 24.0

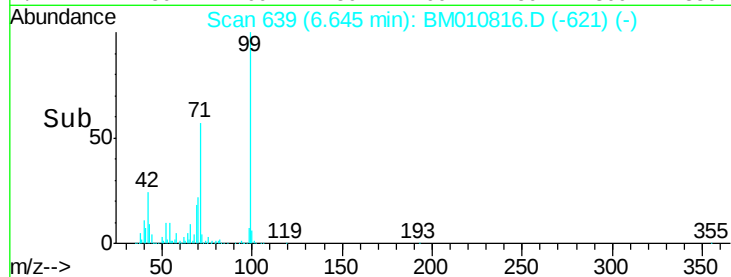
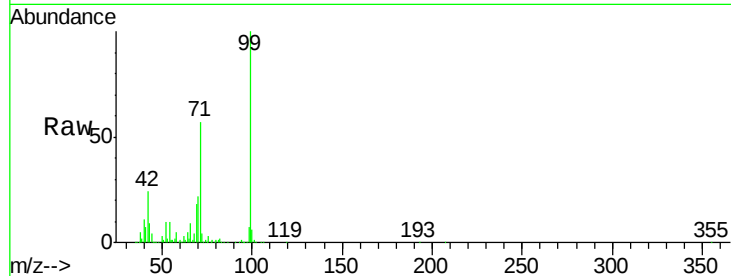
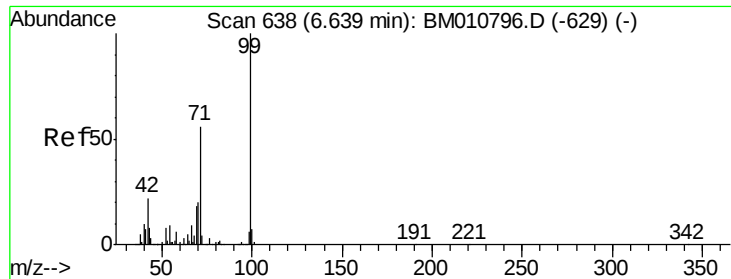


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 114.601 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Lower	Upper
99	100		
42	24.4	11.0	16.4#
71	57.1	23.4	35.2#

Instrument :

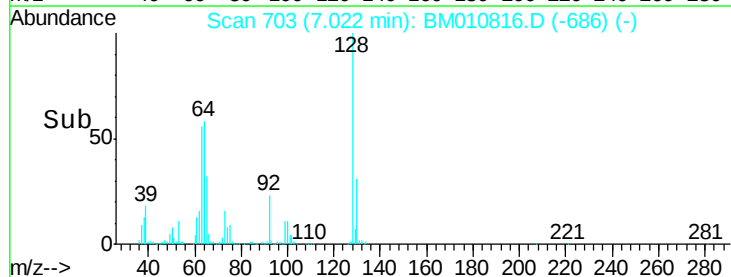
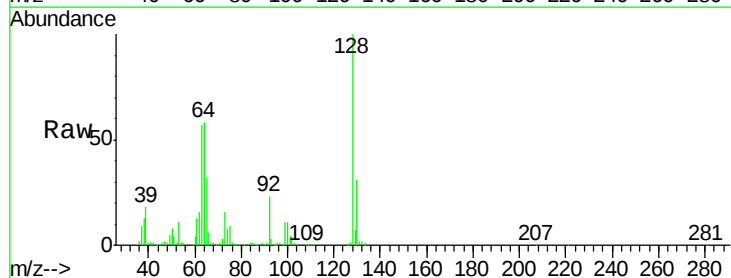
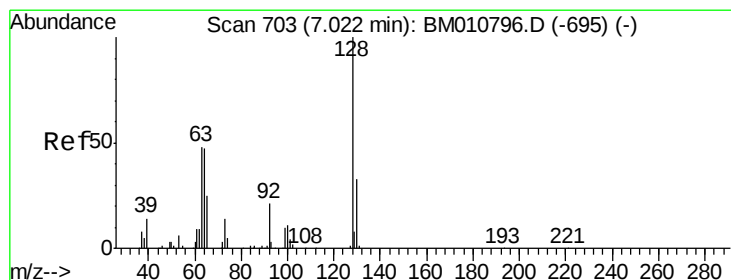
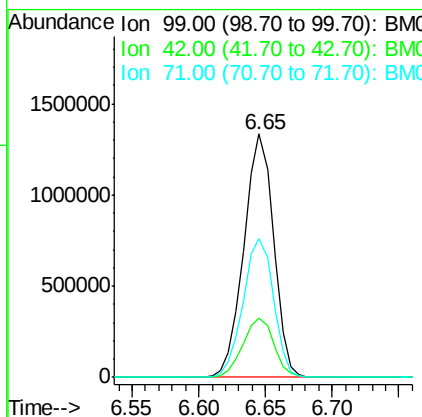
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#8

2-Chlorophenol

Concen: 37.295 ng

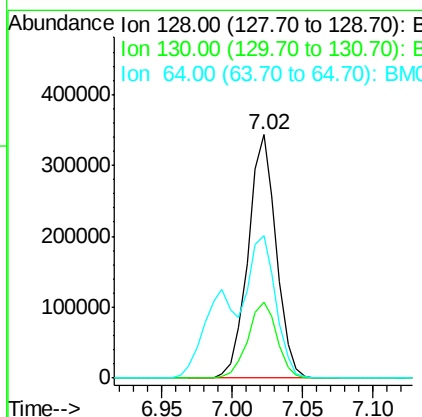
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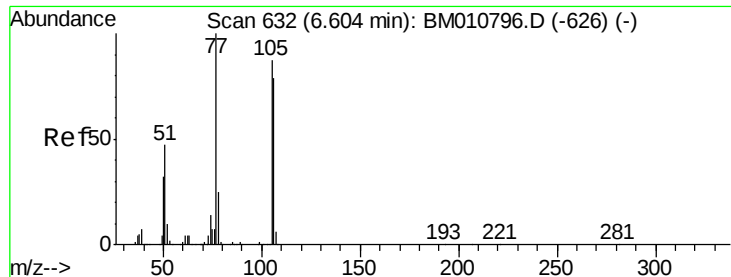
Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.0	52.0
64	58.3	24.9	64.9





#9

Benzaldehyde

Concen: 24.751 ng

RT: 6.60 min Scan# 632

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

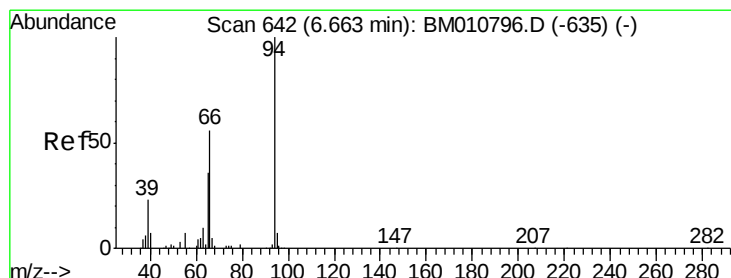
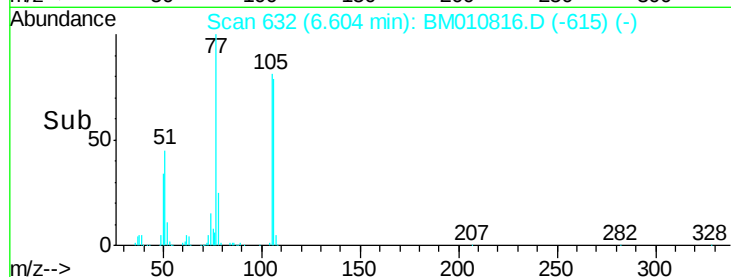
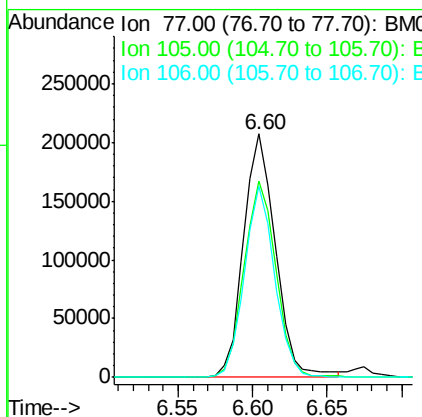
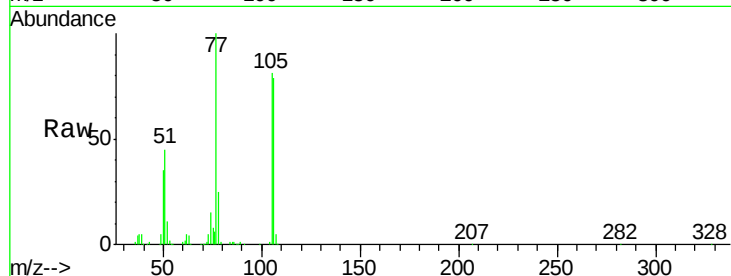
ClientSampleId :

PB100554BS

Tgt Ion:	77	Resp:	307213
Ion Ratio	Lower	Upper	
77	100		
105	80.6	78.8	118.8
106	78.5	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 37.217 ng

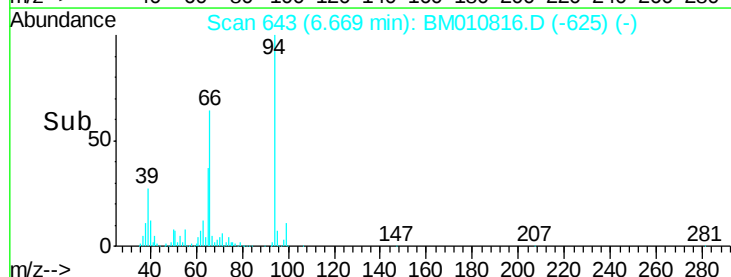
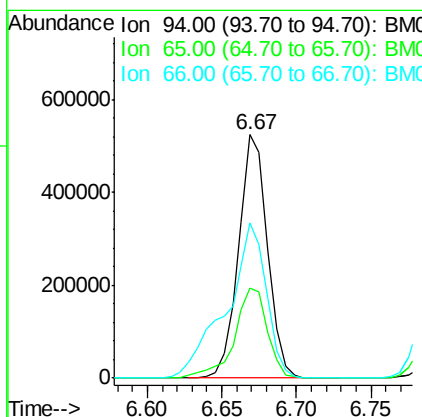
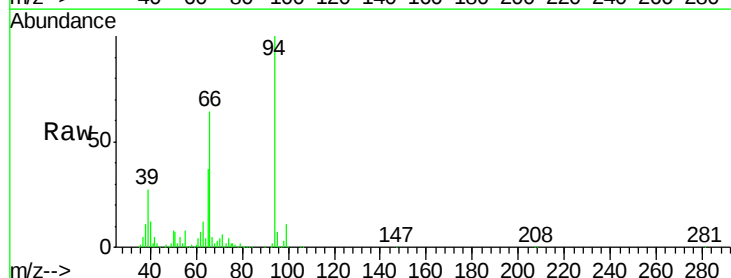
RT: 6.67 min Scan# 643

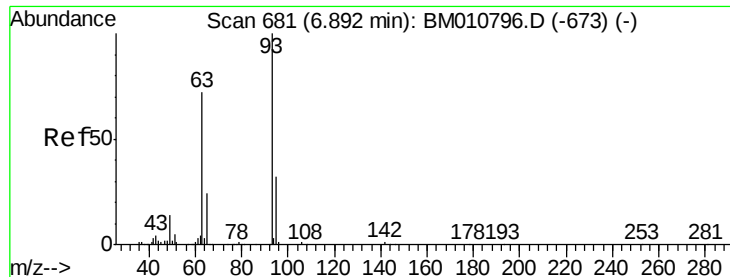
Delta R.T. 0.01 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Tgt Ion:	94	Resp:	703393
Ion Ratio	Lower	Upper	
94	100		
65	36.9	18.8	58.8
66	63.9	39.9	79.9





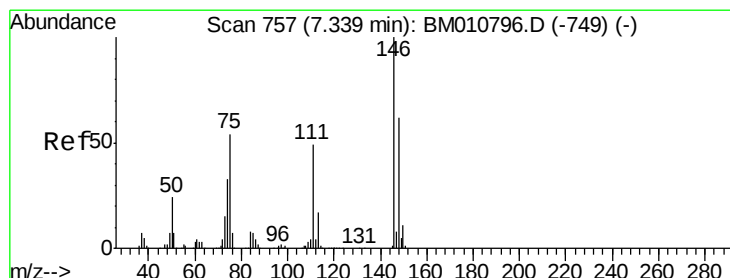
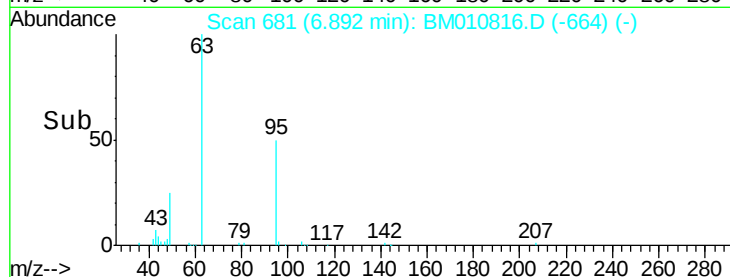
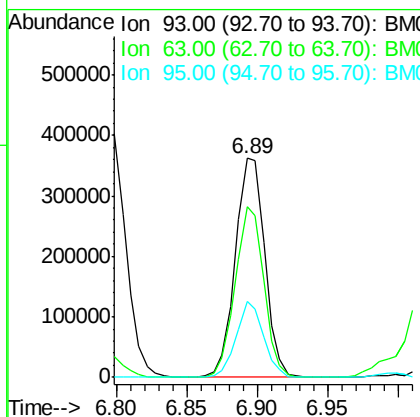
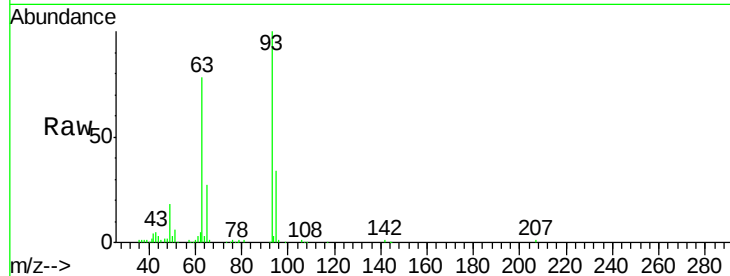
#11
bis(2-Chloroethyl)ether
Concen: 35.933 ng
RT: 6.89 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampled :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	523042		
63	78.0	49.5	89.5	
95	34.4	13.5	53.5	

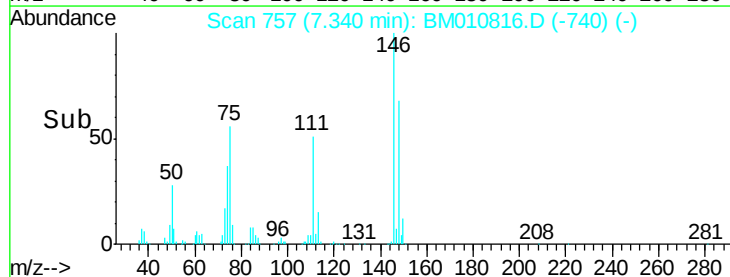
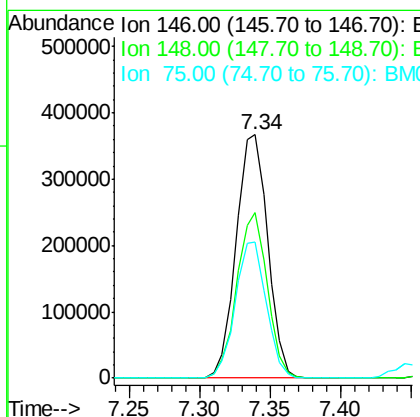
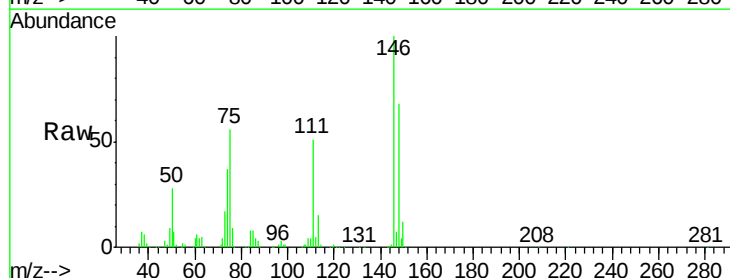
Manual Integrations
APPROVED

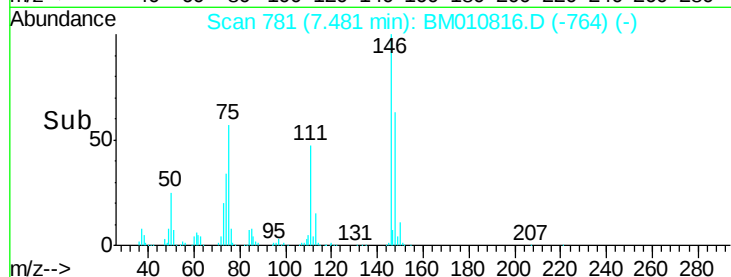
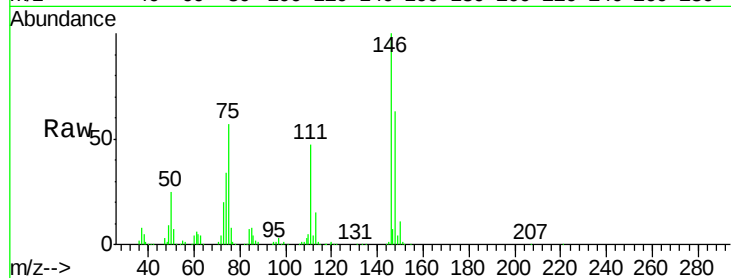
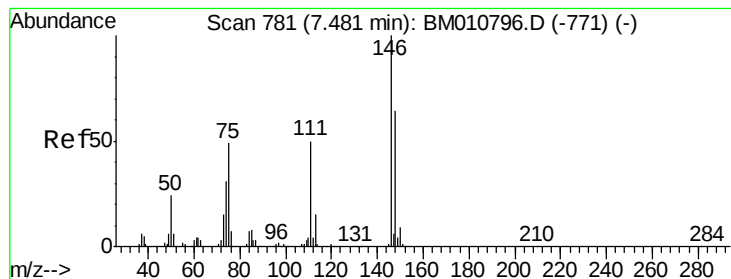
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.173 ng
RT: 7.34 min Scan# 757
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	573901		
148	67.8	50.9	76.3	
75	56.1	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 36.121 ng

RT: 7.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Tgt Ion:	146	Resp:	591396
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.9	77.9
111	46.8	29.2	43.8#

Instrument :

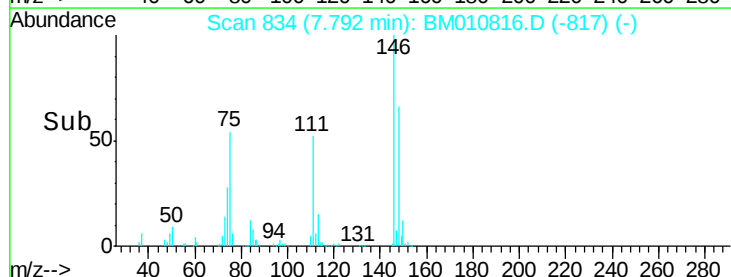
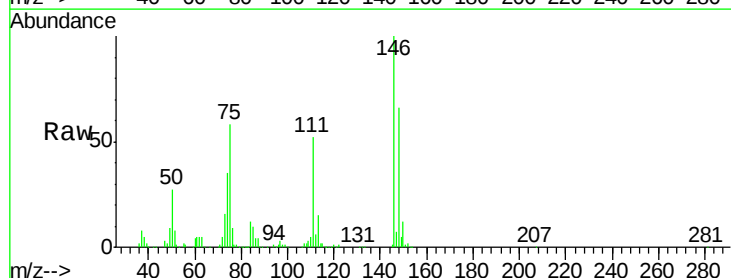
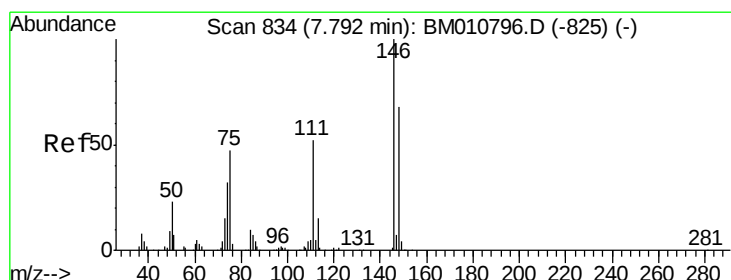
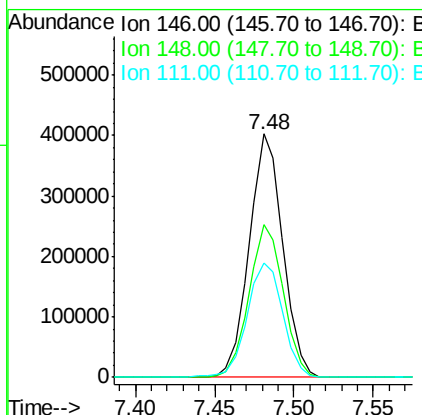
BNA_M

ClientSampled :

PB100554BS

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#14

1,2-Dichlorobenzene

Concen: 35.896 ng

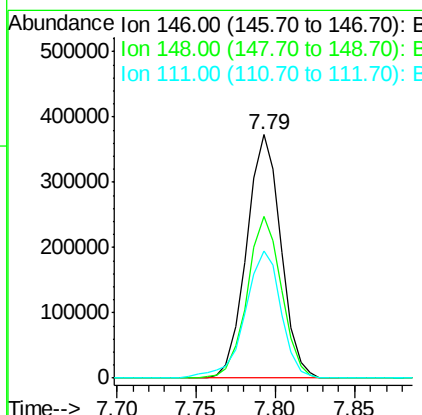
RT: 7.79 min Scan# 834

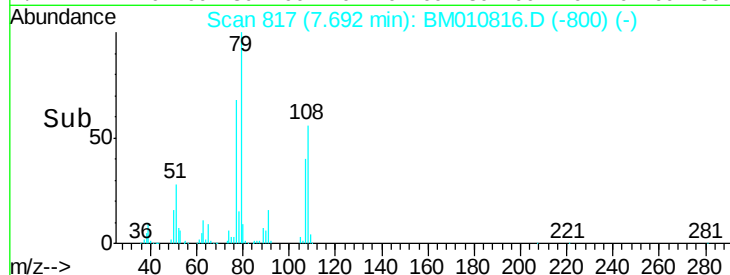
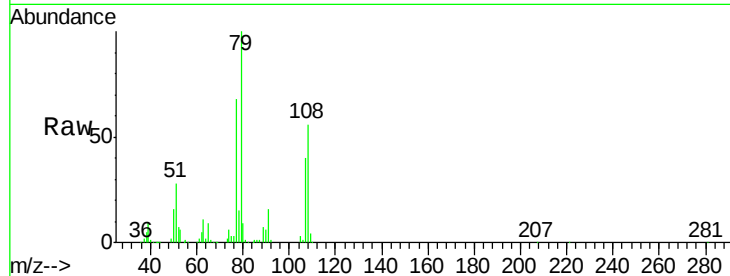
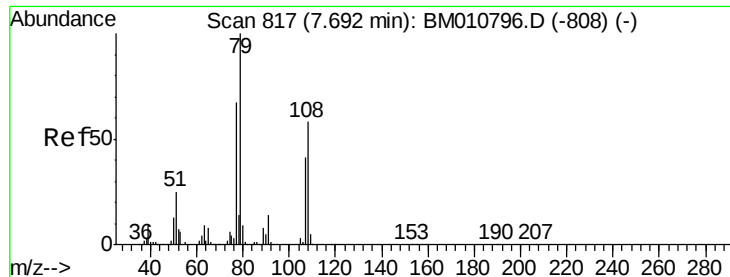
Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Tgt Ion:	146	Resp:	560035
Ion Ratio	Lower	Upper	
146	100		
148	66.4	52.3	78.5
111	52.5	30.6	45.8#





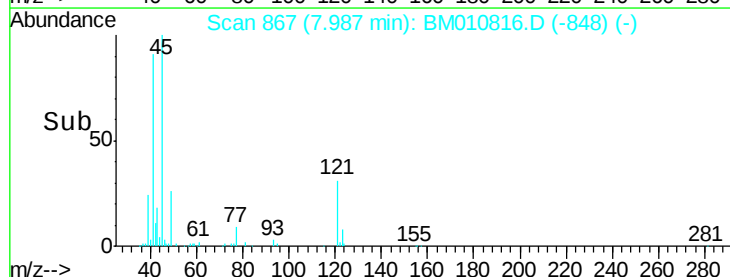
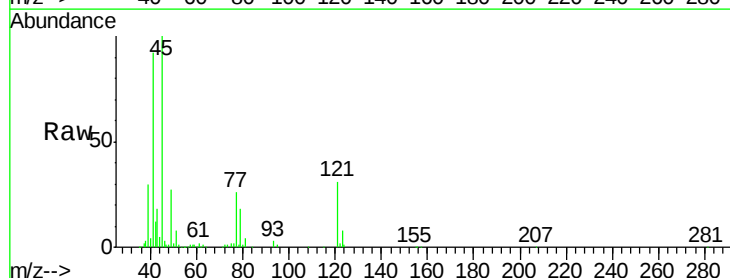
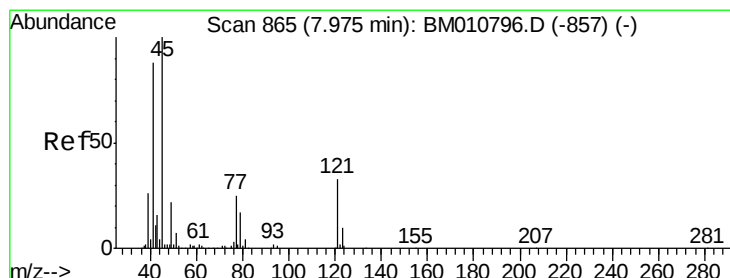
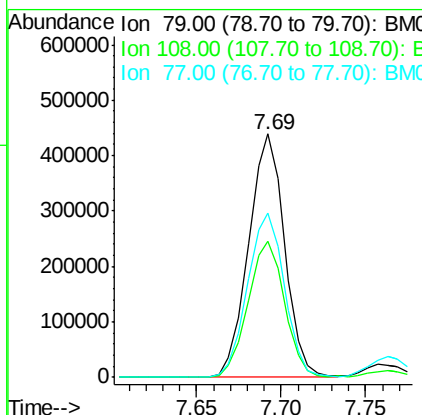
#15
Benzyl Alcohol
Concen: 38.493 ng
RT: 7.69 min Scan# 817
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	651545		
108	55.9	65.0	97.4#	
77	67.5	53.0	79.6	

Instrument :
BNA_M
ClientSampleId :
PB100554BS

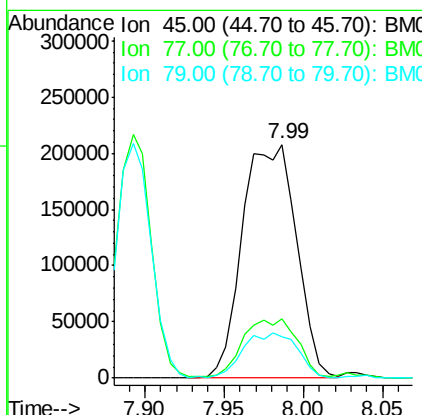
Manual Integrations
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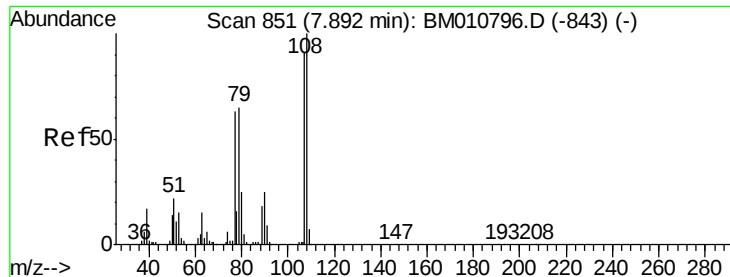
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.975 ng
RT: 7.99 min Scan# 867
Delta R.T. 0.01 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	491863		
77	25.6	0.0	35.2	
79	17.9	0.0	32.0	





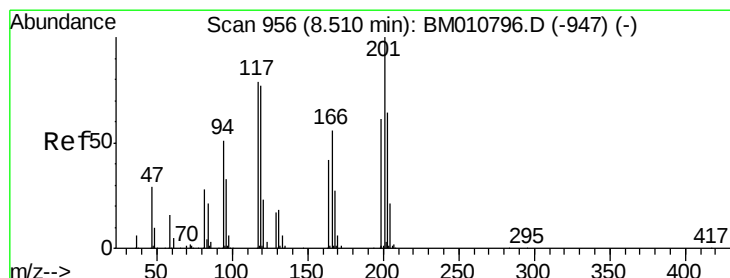
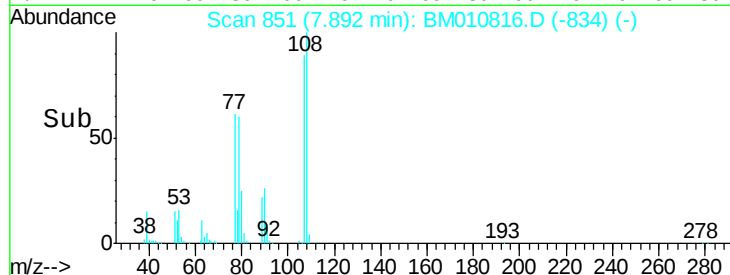
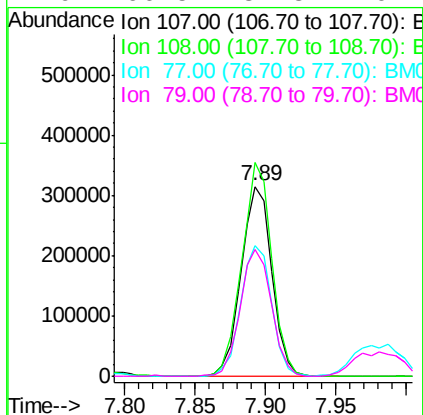
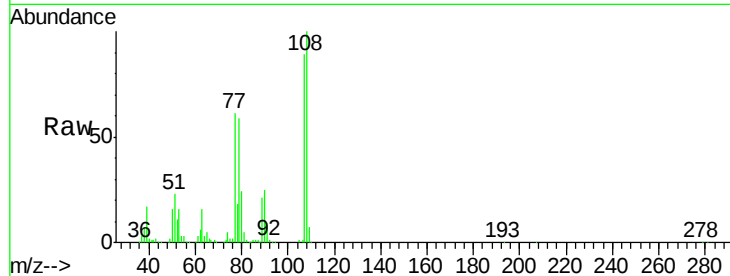
#17
2-Methylphenol
Concen: 39.070 ng
RT: 7.89 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Tgt	Ion	Ratio	Resp	Lower	Upper
107	100		477562		
108	112.7	89.8	134.8		
77	68.9	32.6	48.8		
79	66.5	32.8	49.2		

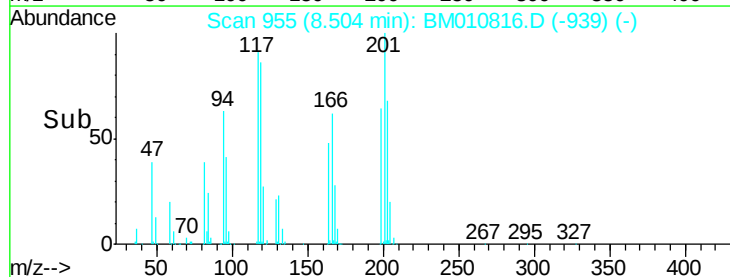
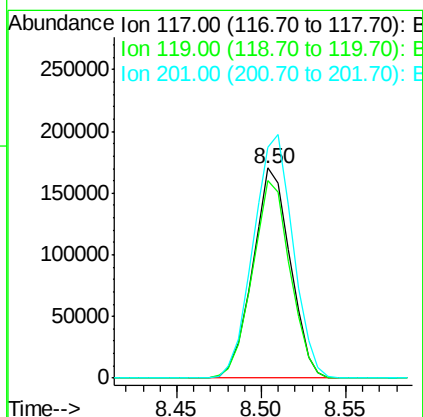
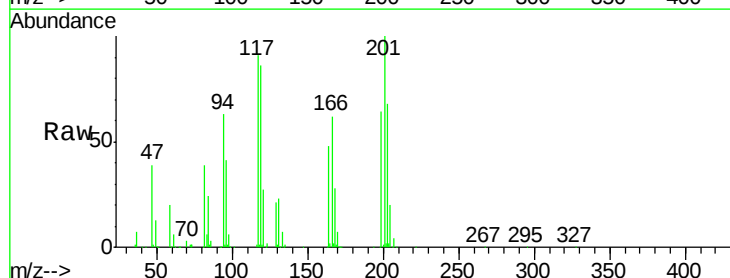
Manual Integrations
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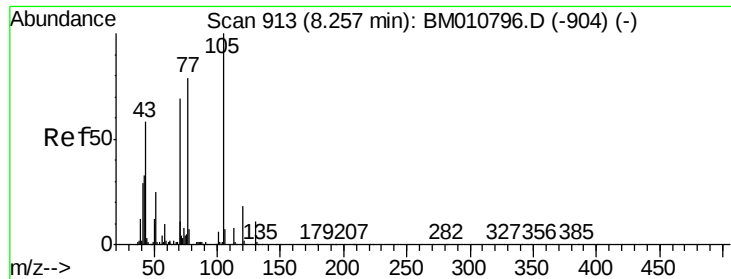
mohammad
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#18
Hexachloroethane
Concen: 38.143 ng
RT: 8.50 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt	Ion	Ratio	Resp	Lower	Upper
117	100		261942		
119	94.4	79.2	118.8		
201	110.2	69.8	104.6		





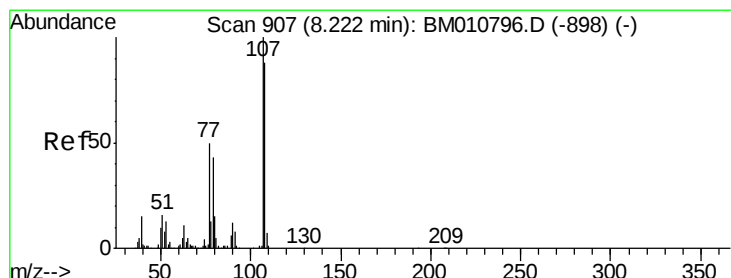
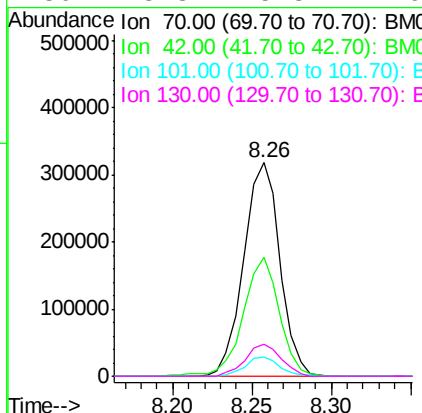
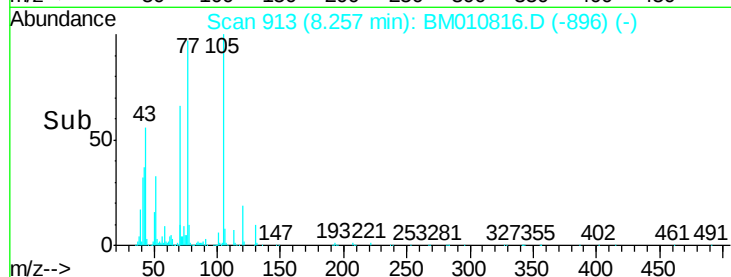
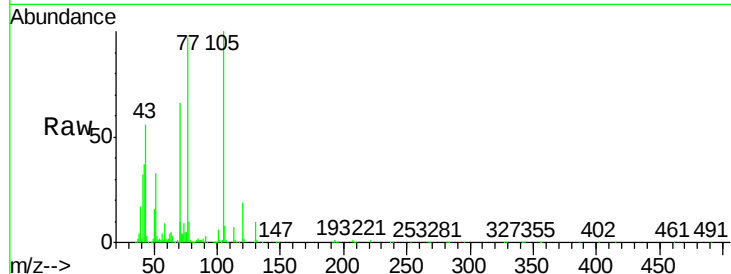
#19
n-Nitroso-di-n-propylamine
Concen: 35.591 ng
RT: 8.26 min Scan# 913
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	503960		
42	56.0		44.5	66.7
101	9.1		7.4	11.2
130	15.3		15.3	22.9#

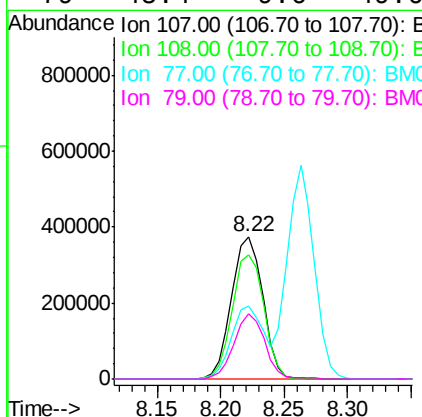
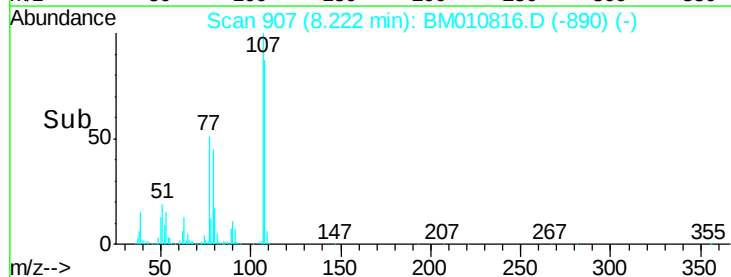
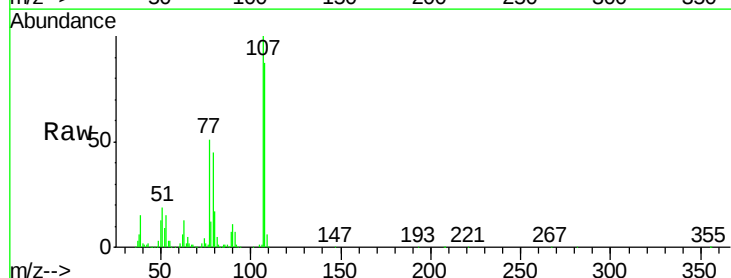
Manual Integrations
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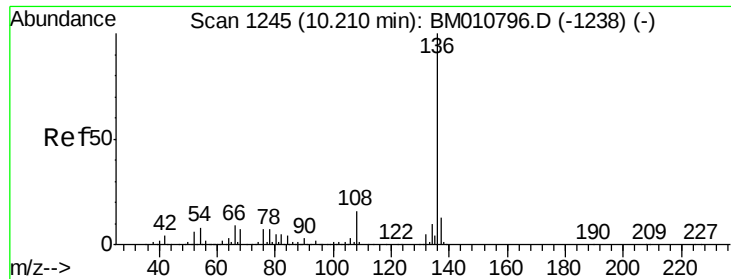
mohammad
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#20
3+4-Methylphenols
Concen: 38.035 ng
RT: 8.22 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	645917		
108	87.3		73.2	113.2
77	51.5		10.7	50.7#
79	45.4		9.6	49.6





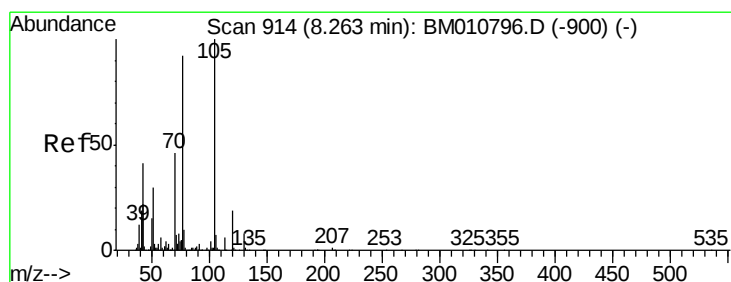
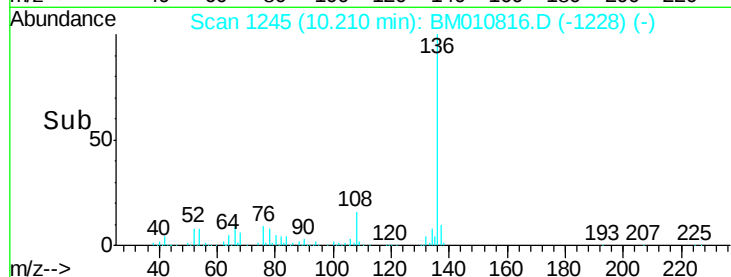
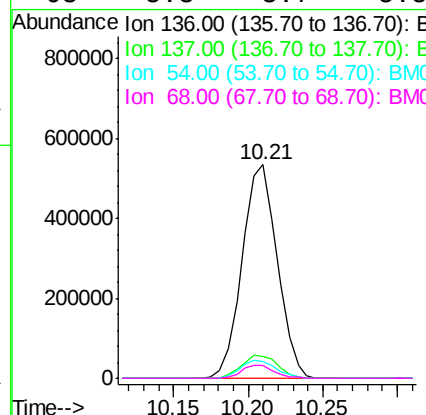
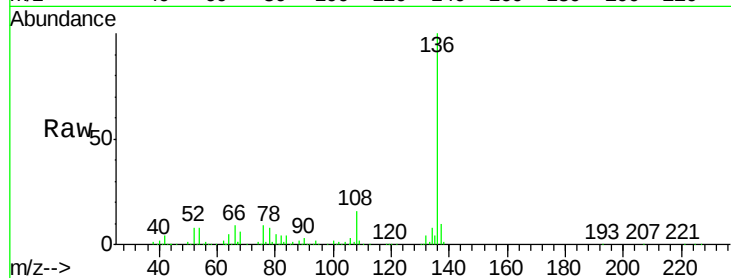
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.21 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	870868		
137	10.2	8.7	13.1	
54	7.7	4.6	6.8#	
68	5.8	3.7	5.5#	

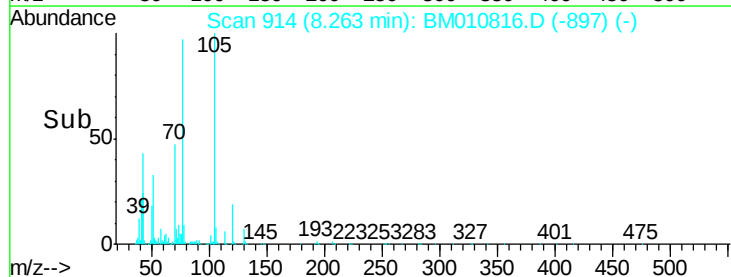
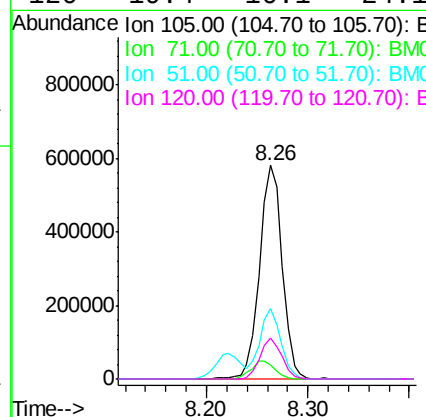
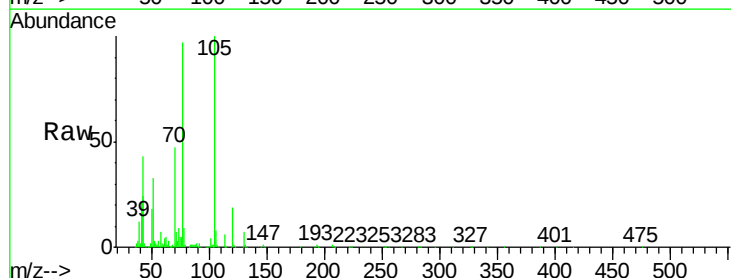
Manual Integrations
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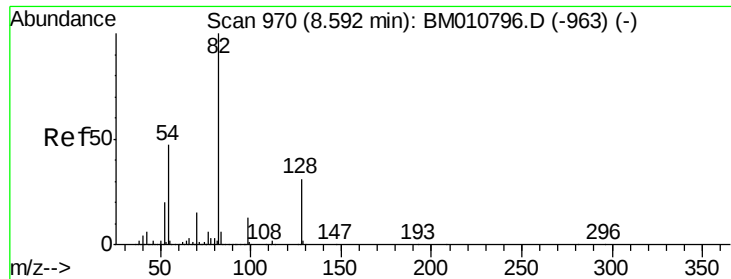
mohammad
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#22
Acetophenone
Concen: 34.392 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	901799		
71	6.8	0.6	1.0#	
51	32.9	21.6	32.4#	
120	19.4	16.1	24.1	





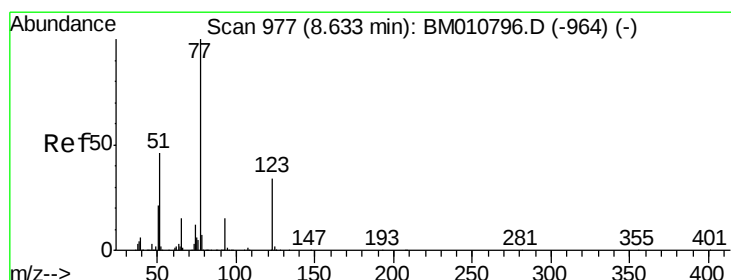
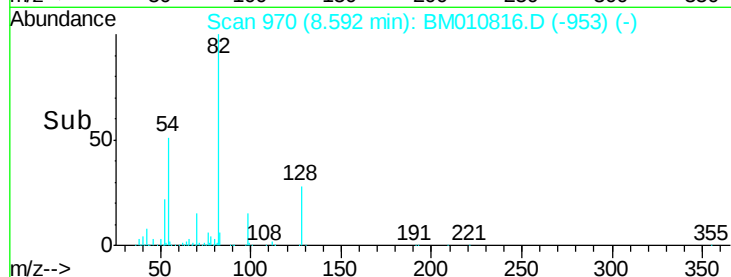
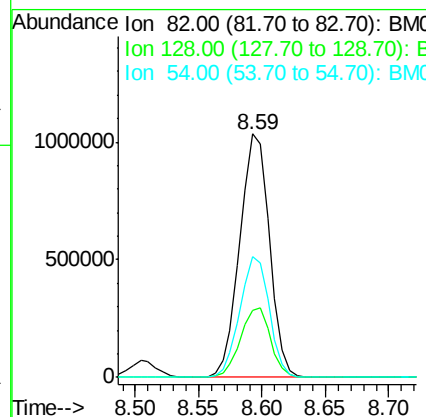
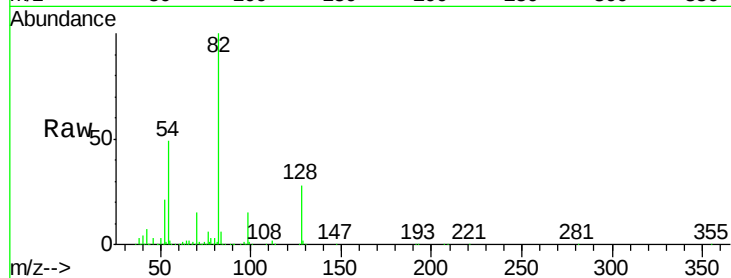
#23
 Nitrobenzene-d5
 Concen: 74.179 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Instrument :
 BNA_M
 ClientSampled :
 PB100554BS

Tgt Ion: 82 Resp: 1680643
 Ion Ratio Lower Upper
 82 100
 128 27.6 32.8 49.2#
 54 49.4 40.6 60.8

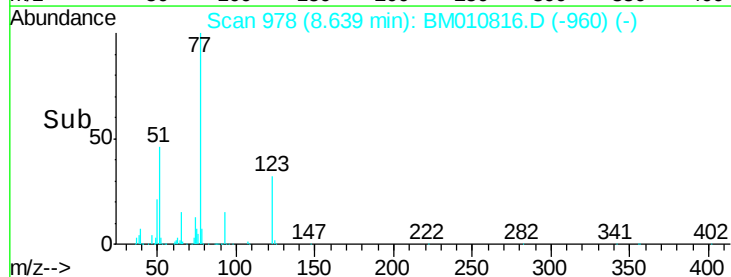
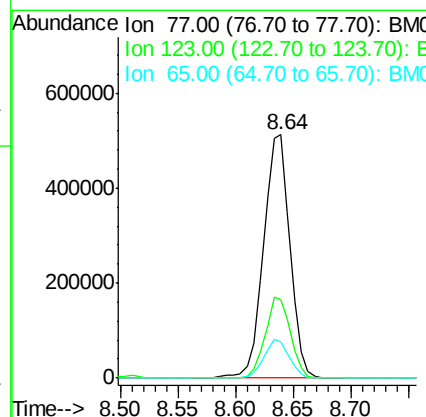
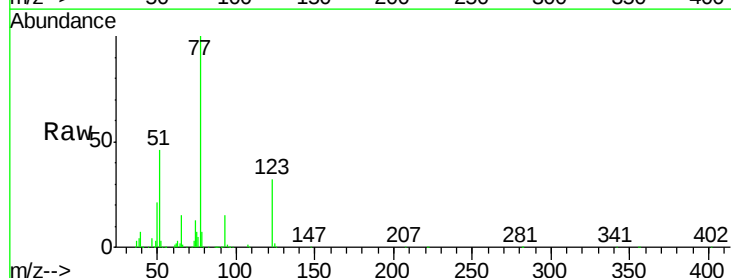
Manual Integrations
 APPROVED

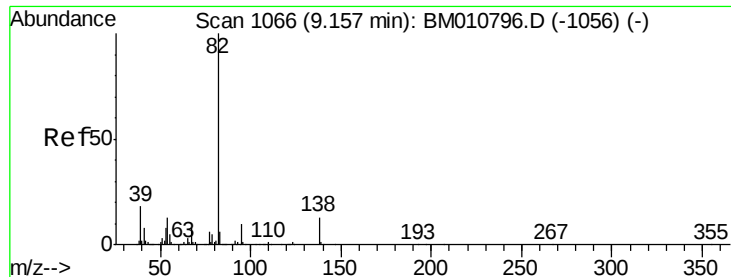
mohammad
 7/17/2017 8:13:18 AM



#24
 Nitrobenzene
 Concen: 35.285 ng
 RT: 8.64 min Scan# 978
 Delta R.T. 0.01 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Tgt Ion: 77 Resp: 819306
 Ion Ratio Lower Upper
 77 100
 123 32.5 32.6 49.0#
 65 15.1 10.9 16.3





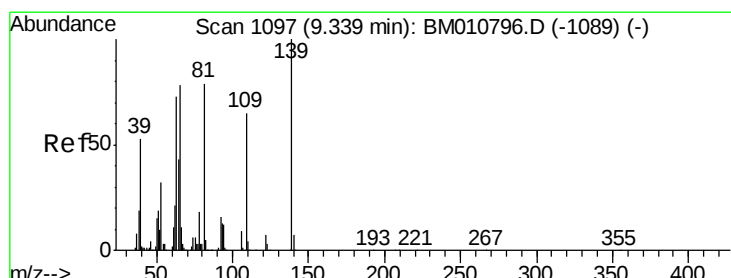
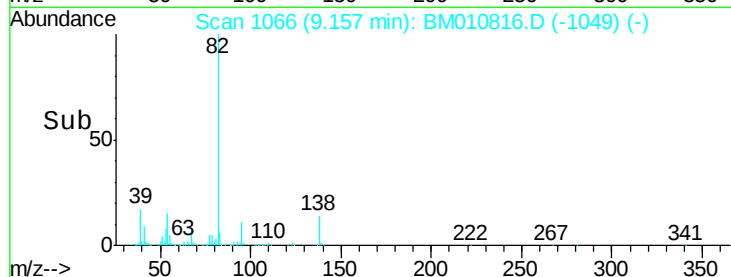
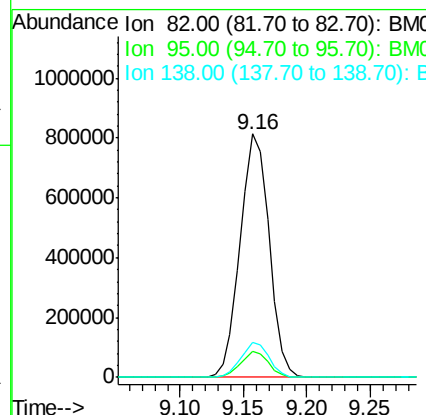
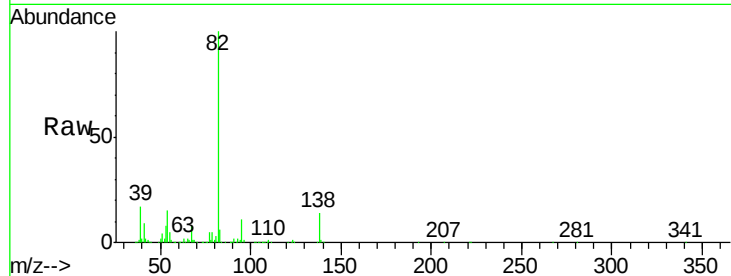
#25
Isophorone
Concen: 34.709 ng
RT: 9.16 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampled :
PB100554BS

Tgt Ion	Ratio	Lower	Upper
82	100		
95	10.6	5.8	8.6#
138	14.2	16.3	24.5#

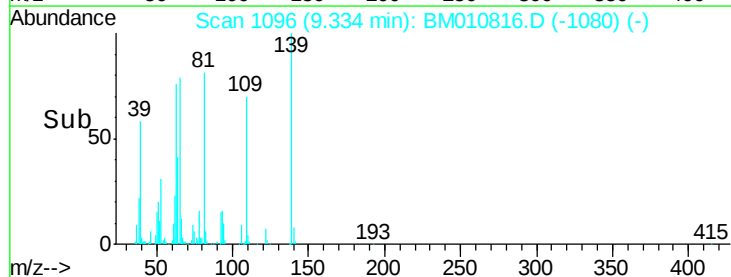
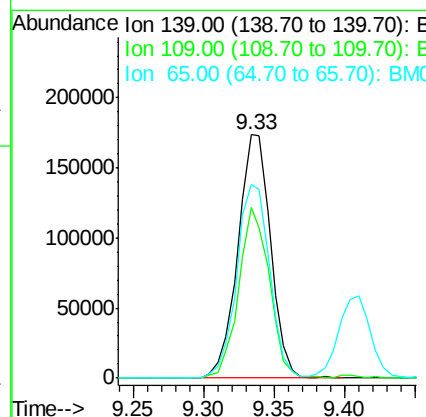
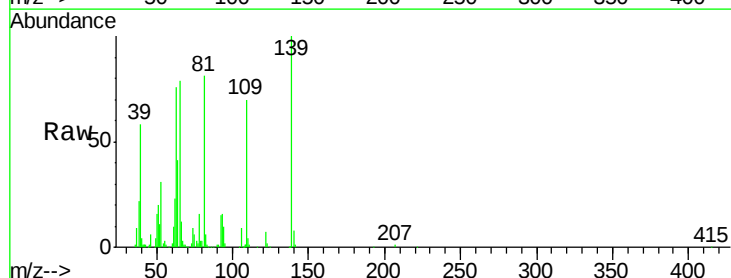
Manual Integrations
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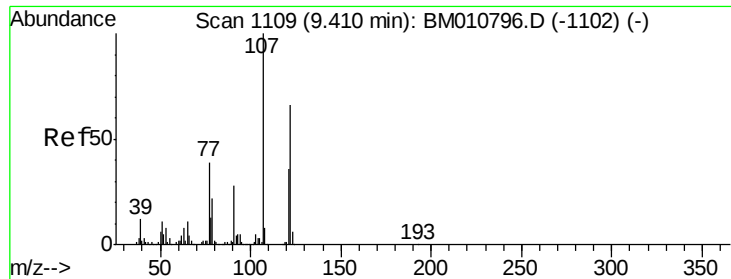
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#26
2-Nitrophenol
Concen: 36.278 ng
RT: 9.33 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.1	20.1	30.1#
65	79.3	31.5	47.3#





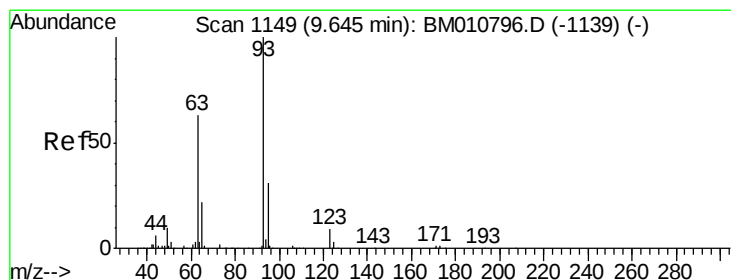
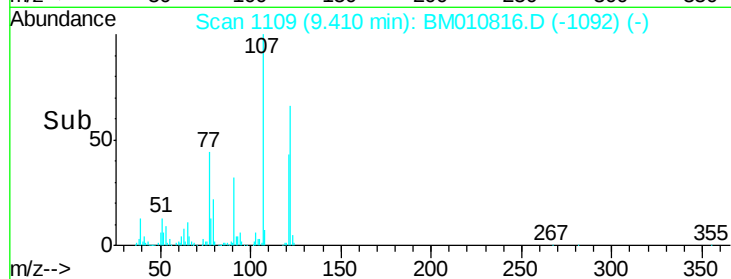
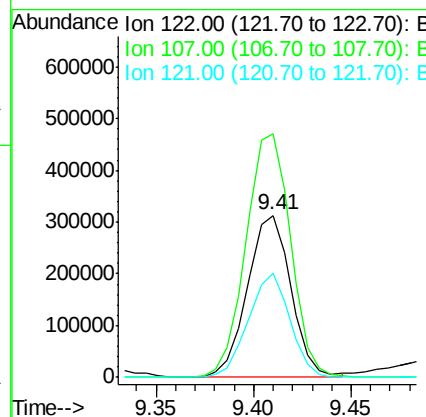
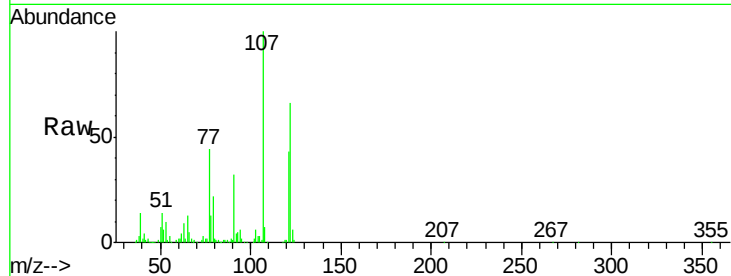
#27
2,4-Dimethylphenol
Concen: 35.161 ng
RT: 9.41 min Scan# 1109
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	484871		
107	150.4	84.7	127.1#	
121	64.3	46.6	69.8	

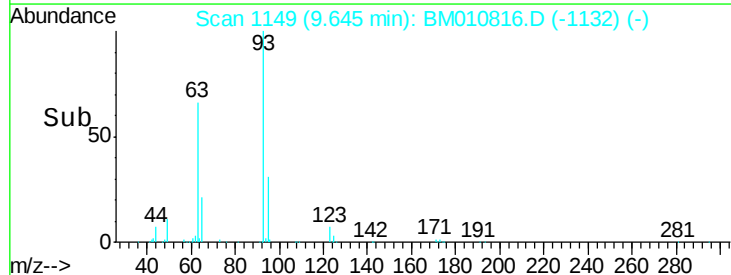
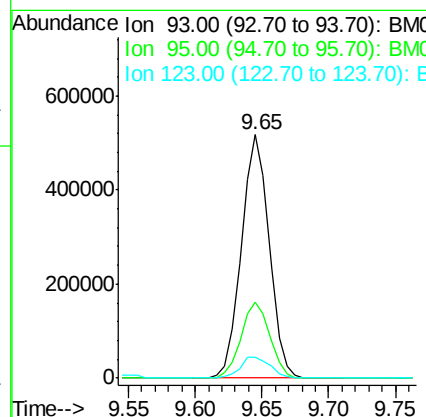
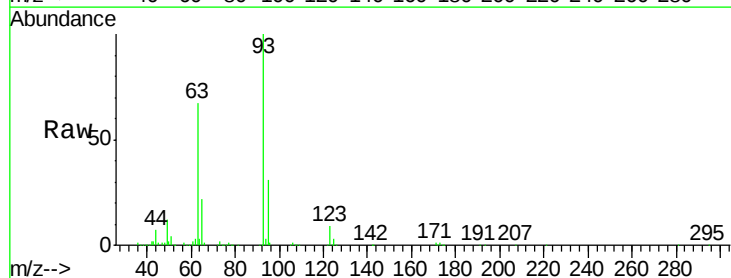
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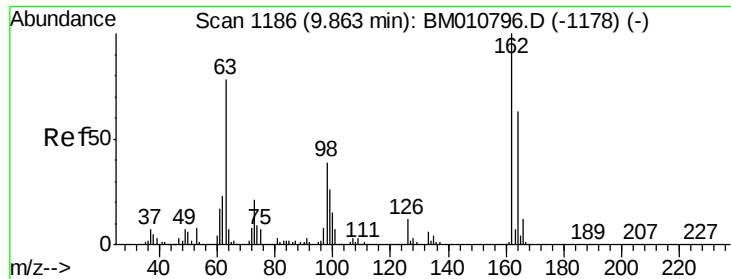
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#28
bis(2-Chloroethoxy)methane
Concen: 35.676 ng
RT: 9.65 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	742306		
95	31.0	25.5	38.3	
123	8.7	8.6	13.0	





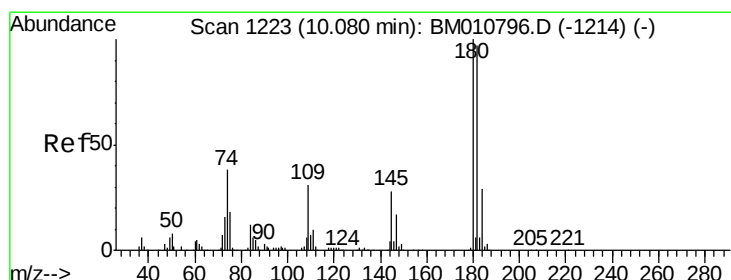
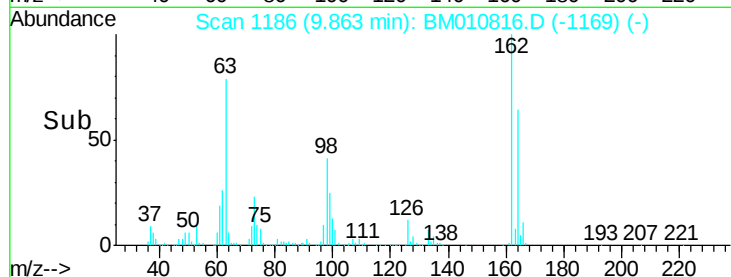
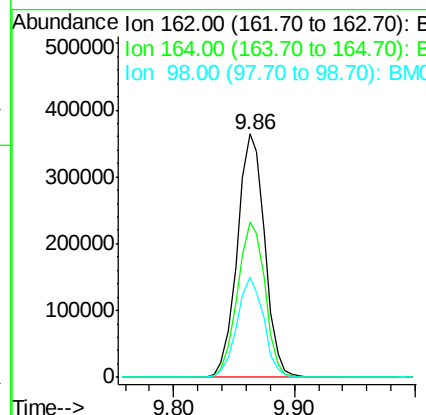
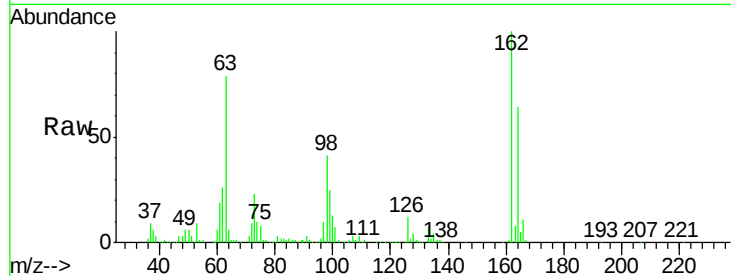
#29
2,4-Dichlorophenol
Concen: 37.055 ng
RT: 9.86 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	577236		
164	64.0	42.8	82.8	
98	41.0	14.5	54.5	

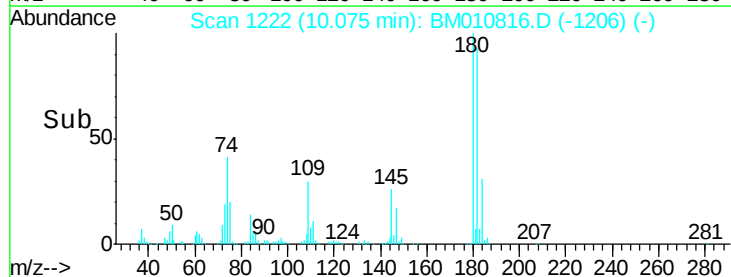
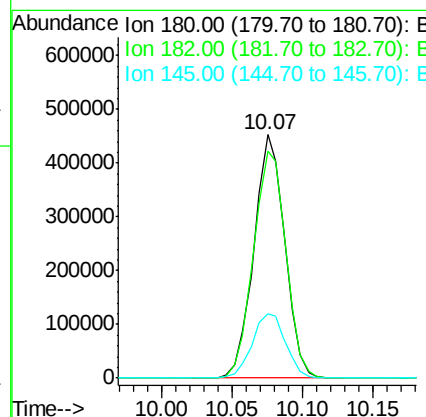
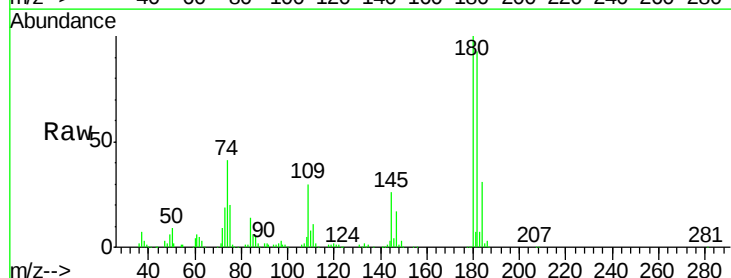
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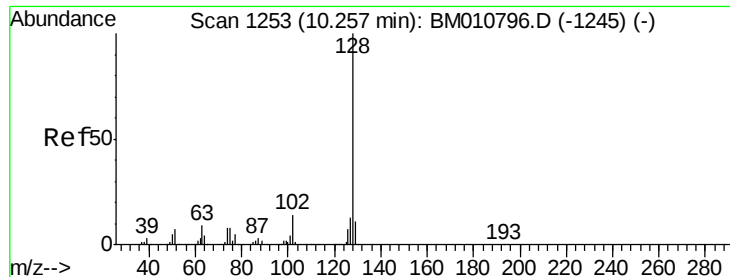
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#30
1,2,4-Trichlorobenzene
Concen: 36.618 ng
RT: 10.07 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	697355		
182	93.1	77.6	116.4	
145	26.2	23.4	35.2	





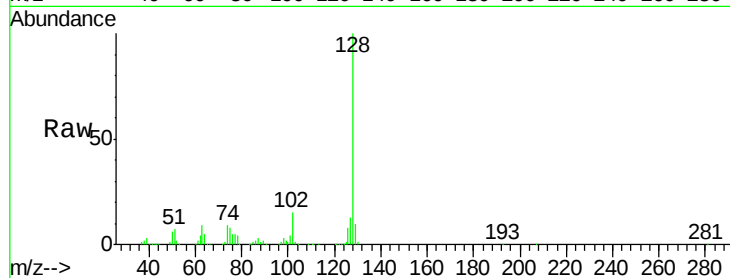
#31
Naphthalene
Concen: 37.063 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampled :
PB100554BS

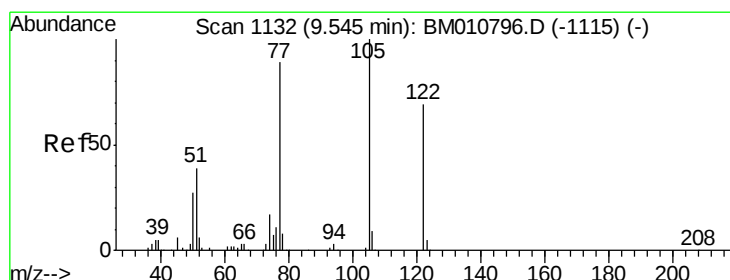
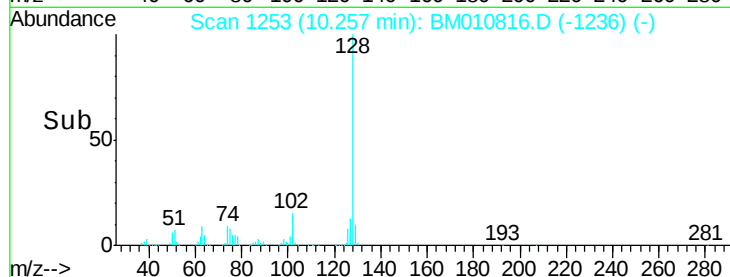
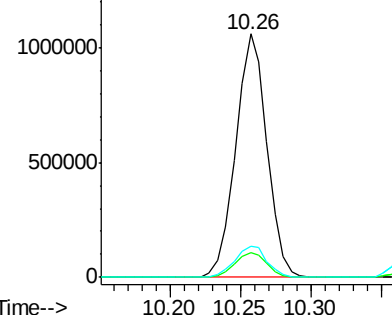
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.9	13.3
127	12.8	10.4	15.6

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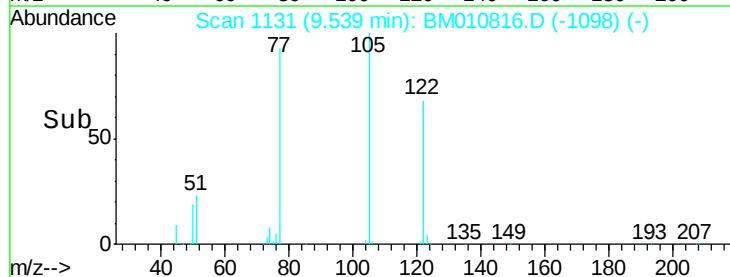
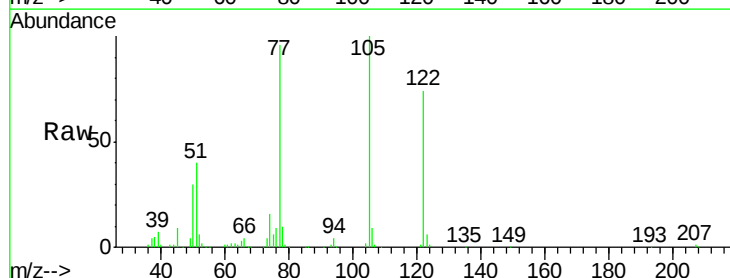
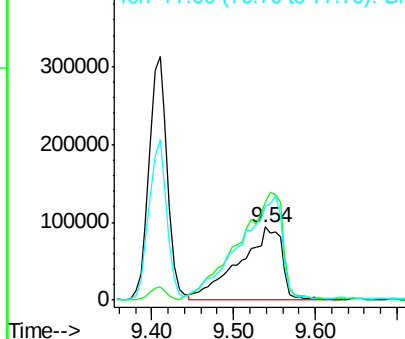
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

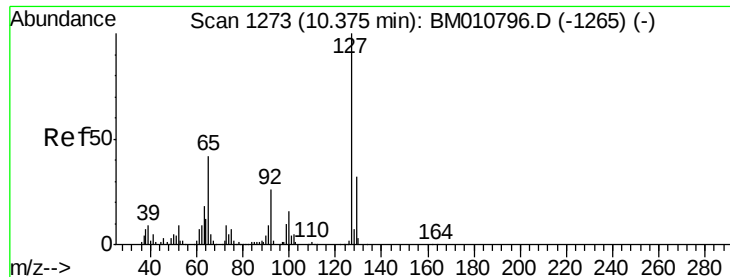


#32
Benzoic acid
Concen: 31.362 ng
RT: 9.54 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.3	99.9	139.9
77	128.2	73.7	113.7

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E





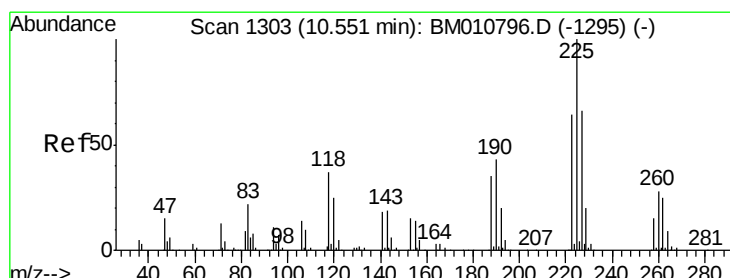
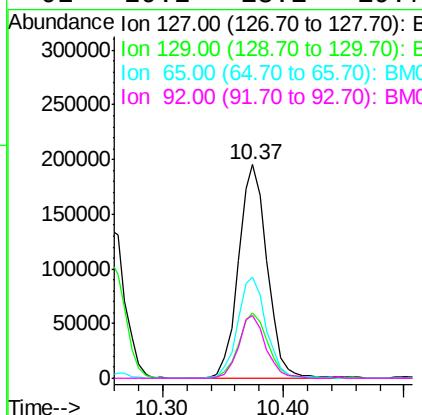
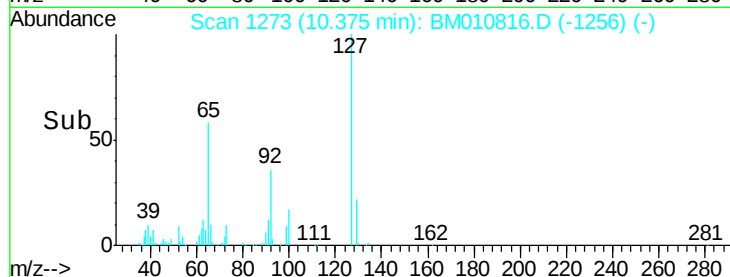
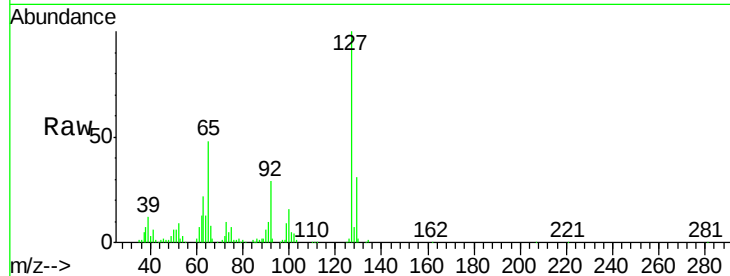
#33
4-Chloroaniline
Concen: 18.188 ng
RT: 10.37 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	324477		
129	30.5	25.3	37.9	
65	47.6	17.6	26.4	
92	29.2	13.1	19.7	

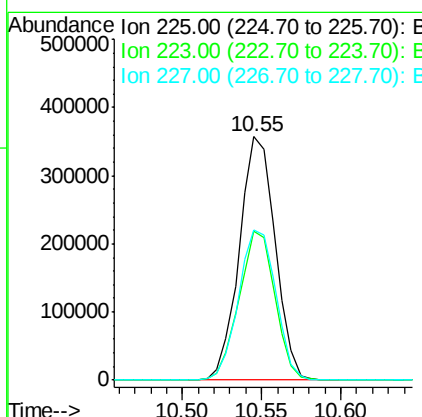
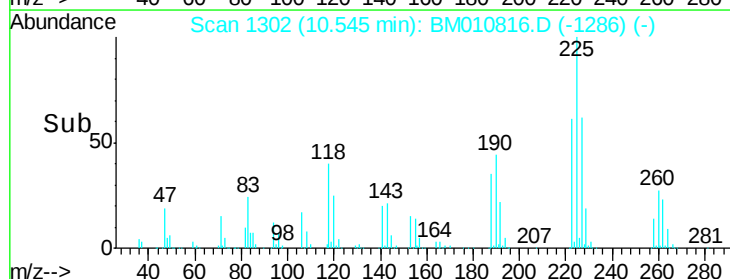
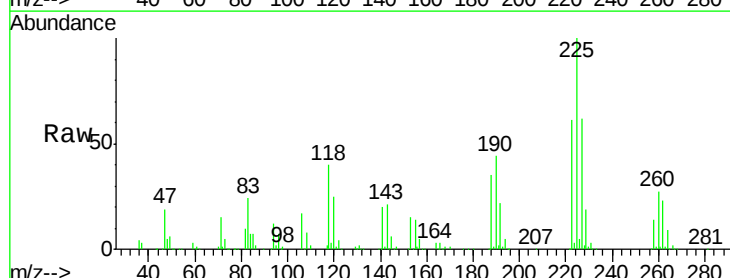
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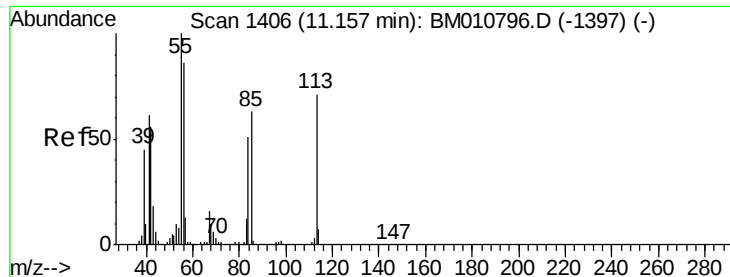
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#34
Hexachlorobutadiene
Concen: 38.035 ng
RT: 10.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	562041		
223	61.3	47.9	71.9	
227	61.7	50.1	75.1	





#35

Caprolactam

Concen: 34.201 ng m

RT: 11.16 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

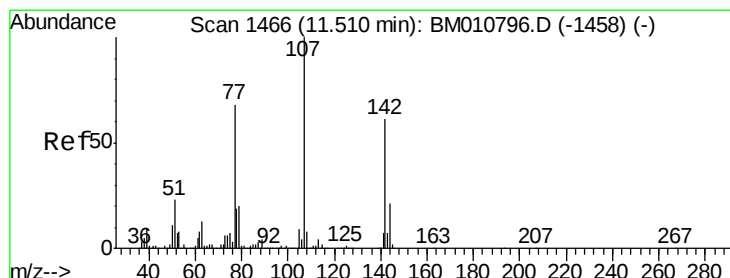
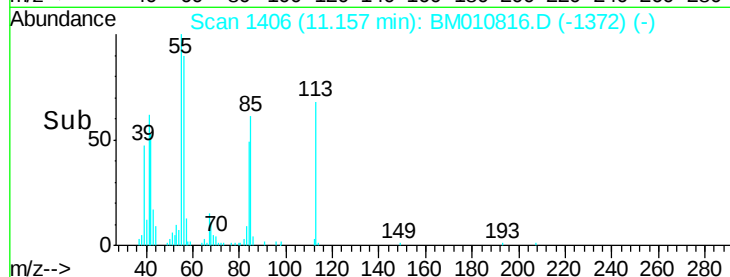
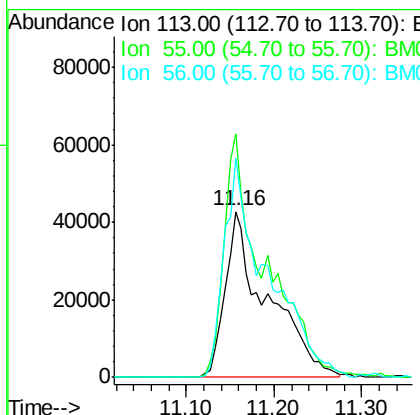
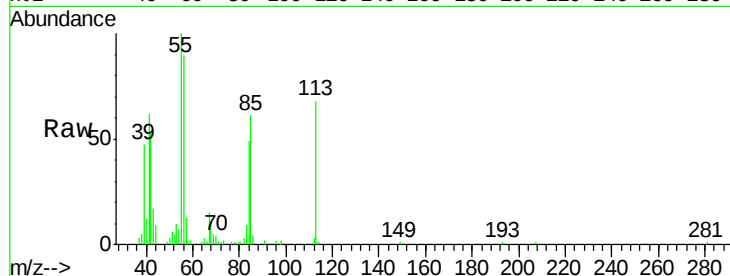
ClientSampleId :

PB100554BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	147.0	145.9	185.9
56	132.1	101.0	141.0

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#36

4-Chloro-3-methylphenol

Concen: 34.878 ng

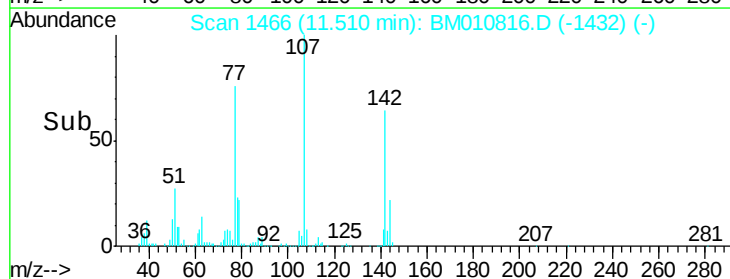
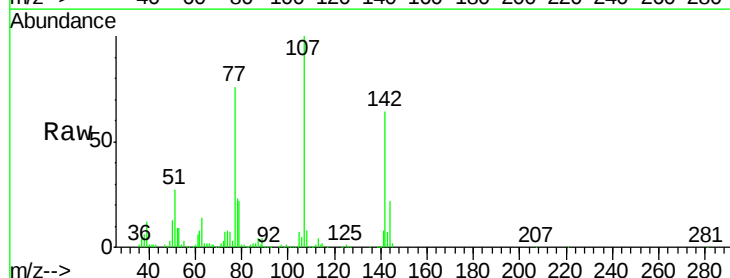
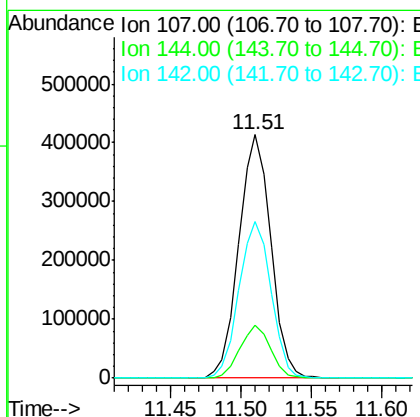
RT: 11.51 min Scan# 1466

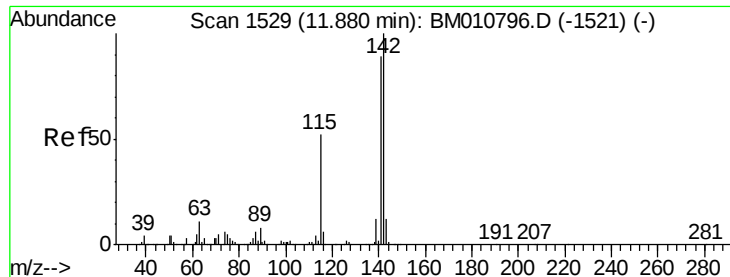
Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.9	23.3	34.9#
142	64.4	72.6	109.0#





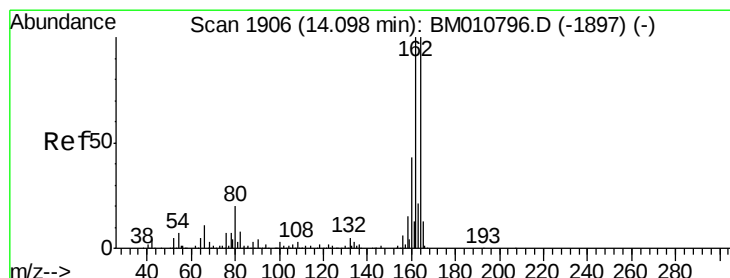
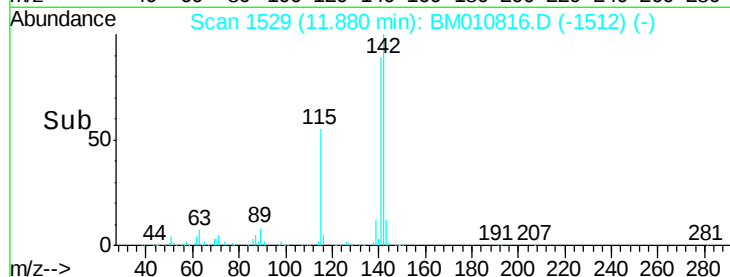
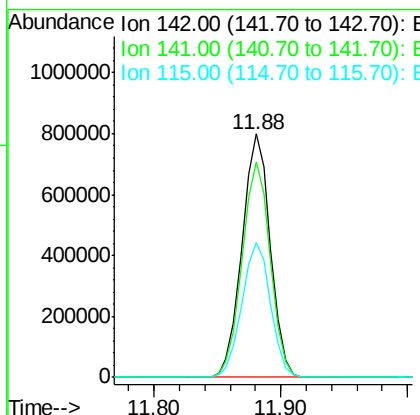
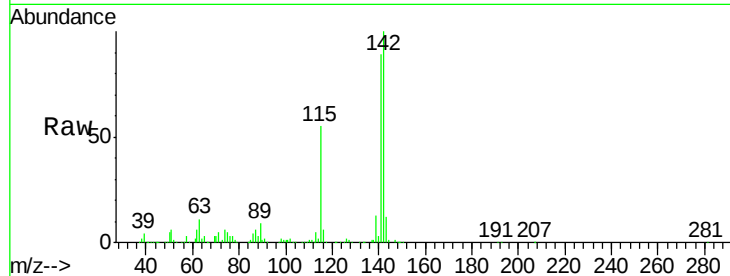
#37
 2-Methylnaphthalene
 Concen: 38.754 ng
 RT: 11.88 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Instrument :
 BNA_M
 ClientSampled :
 PB100554BS

Tgt Ion:142 Resp: 1232582
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.9 107.9
 115 55.5 25.4 38.0#

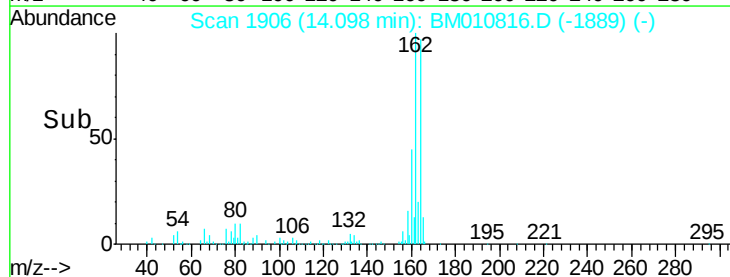
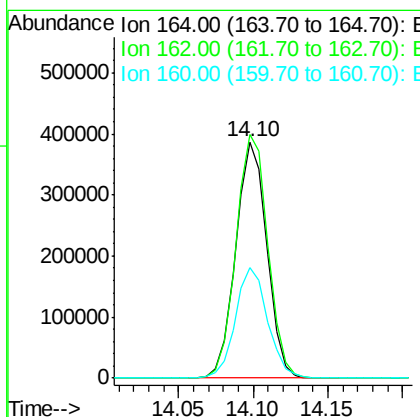
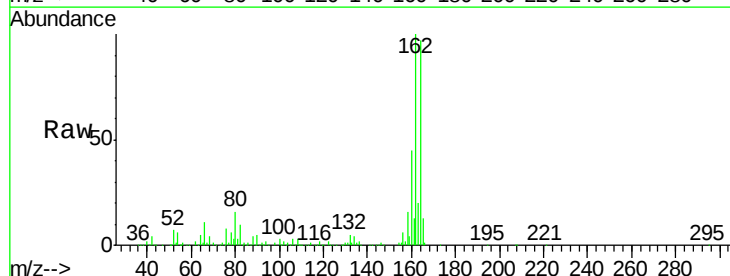
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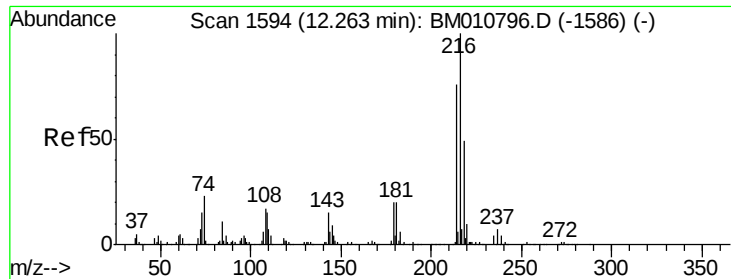
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.10 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Tgt Ion:164 Resp: 559239
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.4 123.6
 160 46.7 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.072 ng

RT: 12.26 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BM010816.D

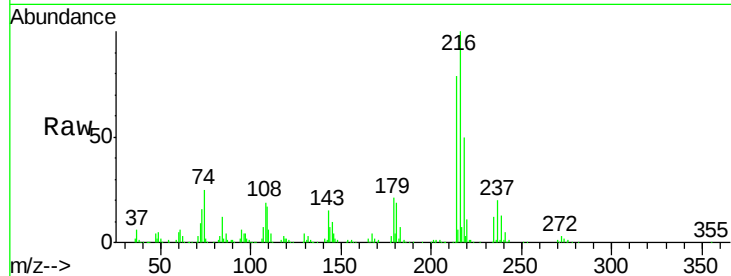
Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

ClientSampleId :

PB100554BS



Tgt Ion:216 Resp: 903690

Ion Ratio Lower Upper

216 100

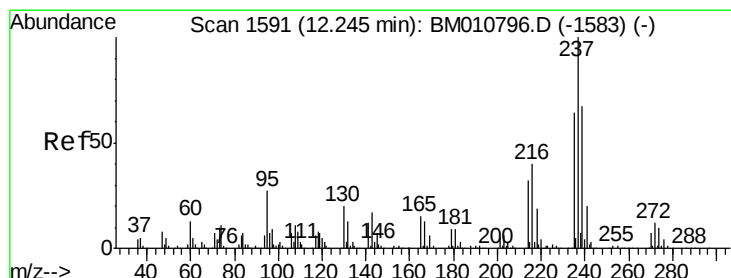
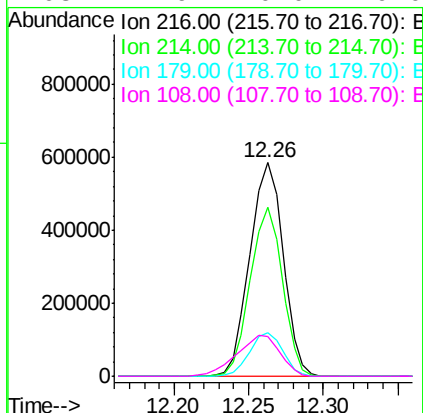
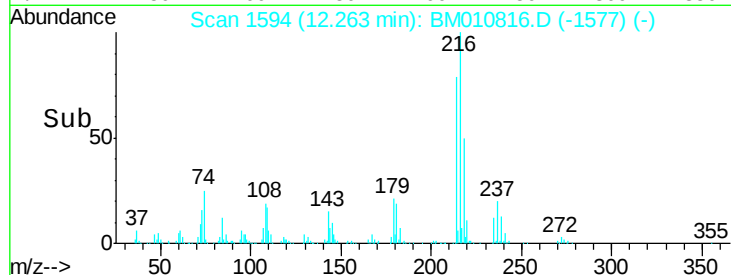
214 76.6 0.0 0.0#

179 20.3 0.0 0.0#

108 24.9 0.0 0.0#

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#40

Hexachlorocyclopentadiene

Concen: 101.861 ng

RT: 12.25 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

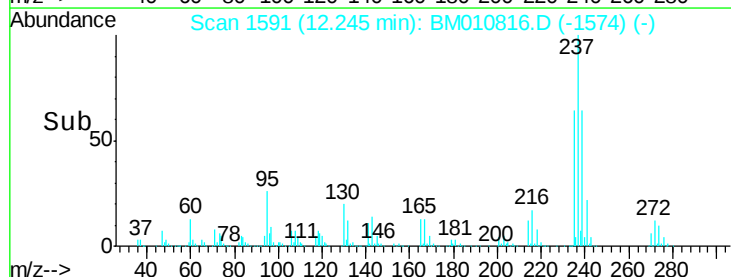
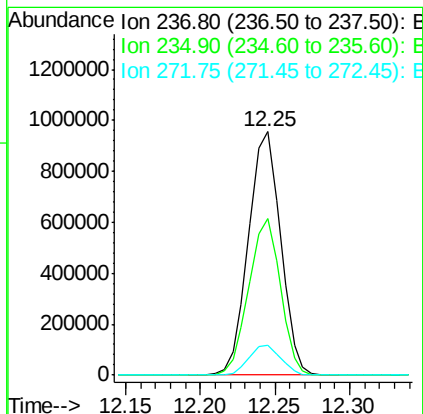
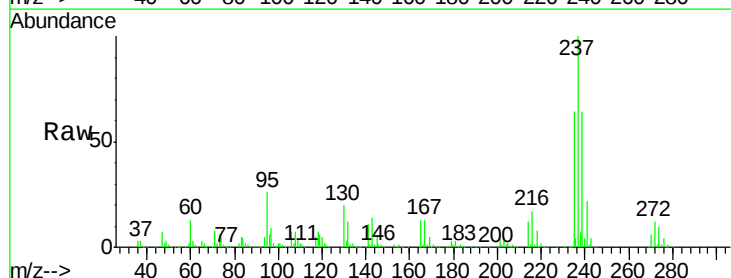
Tgt Ion:237 Resp: 1423412

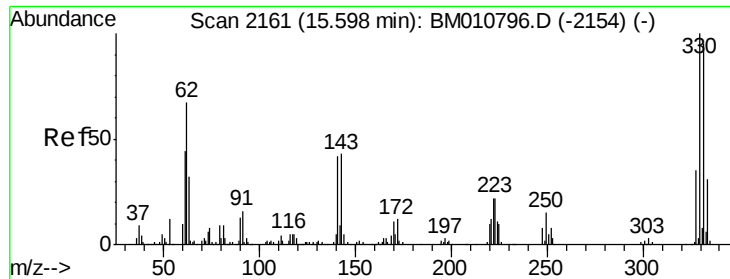
Ion Ratio Lower Upper

237 100

235 64.1 42.0 82.0

272 12.1 0.0 33.4





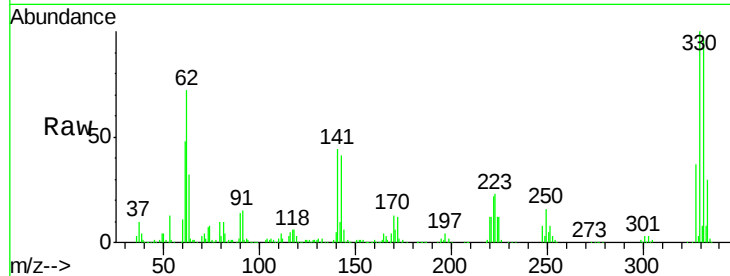
#41
 2,4,6-Tribromophenol
 Concen: 122.214 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Instrument :
 BNA_M
 ClientSampleId :
 PB100554BS

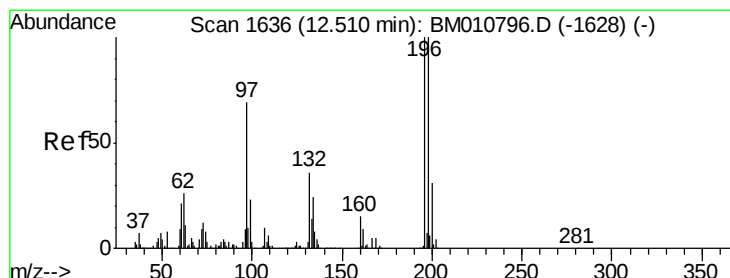
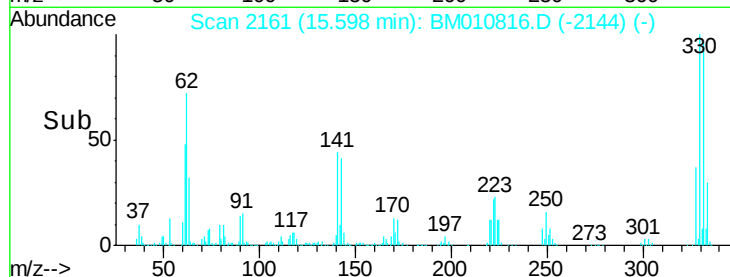
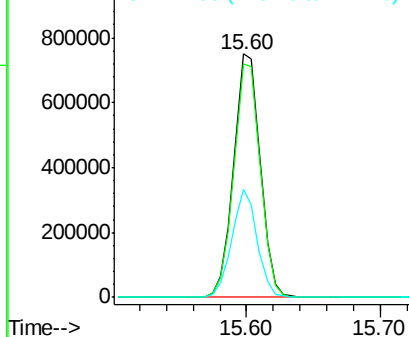
Tgt Ion:330 Resp: 1044467
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 42.3 0.0 0.0#

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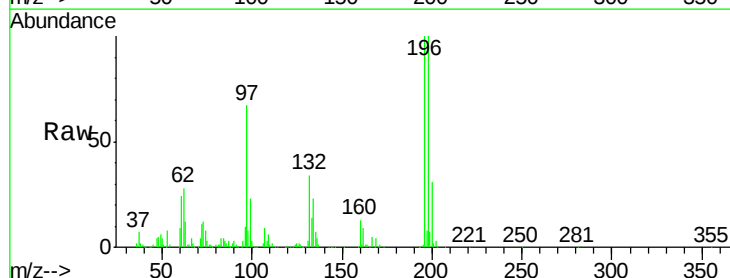


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

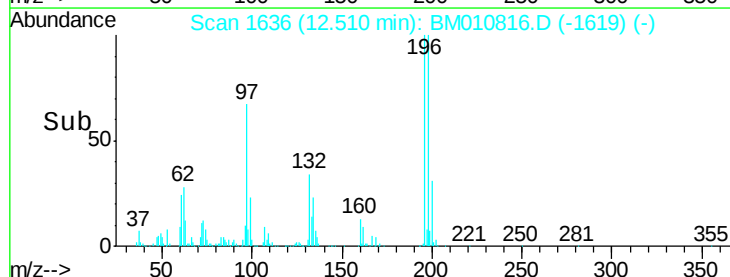
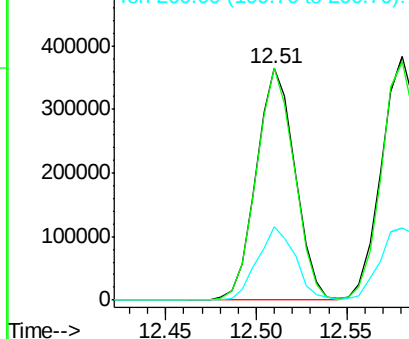


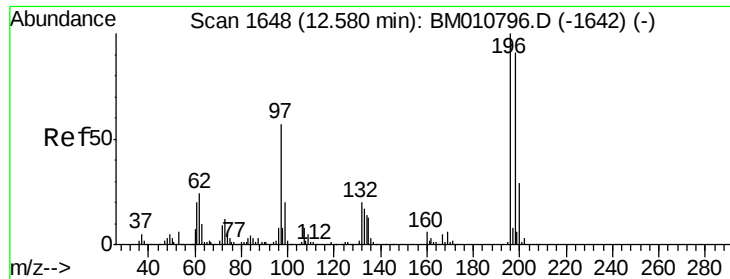
#42
 2,4,6-Trichlorophenol
 Concen: 36.120 ng
 RT: 12.51 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Tgt Ion:196 Resp: 542160
 Ion Ratio Lower Upper
 196 100
 198 100.2 76.3 114.5
 200 31.4 25.6 38.4



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





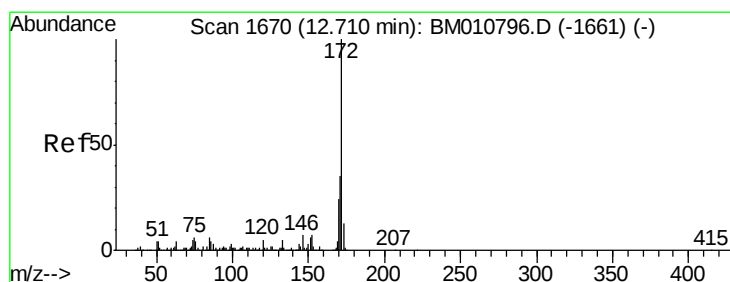
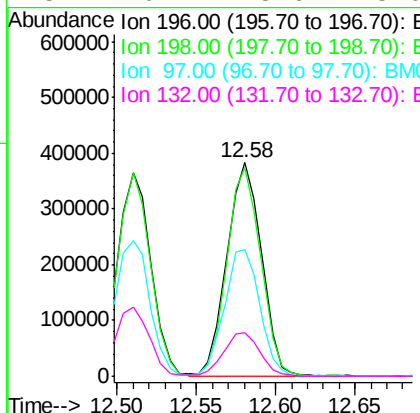
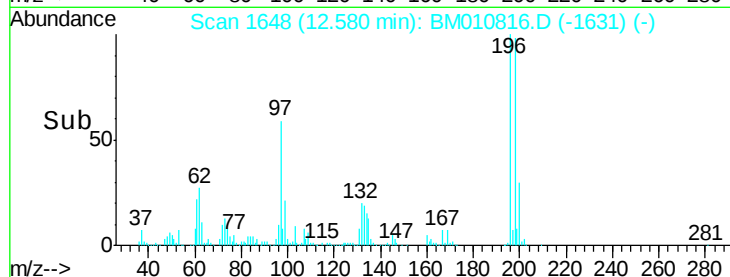
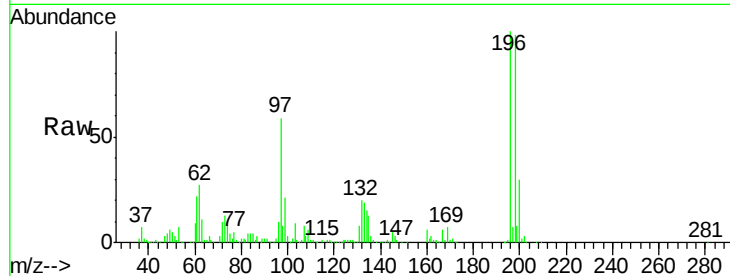
#43
 2,4,5-Trichlorophenol
 Concen: 38.966 ng
 RT: 12.58 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Instrument :
 BNA_M
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	577447		
198	98.0	79.4	119.0	
97	59.4	26.8	40.2	
132	20.1	18.6	28.0	

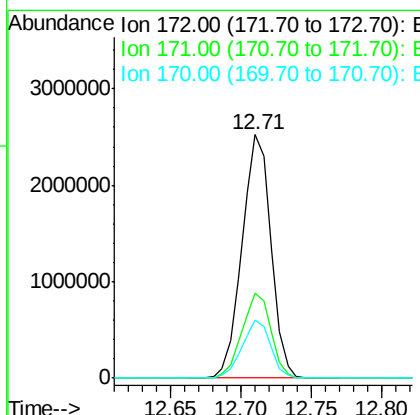
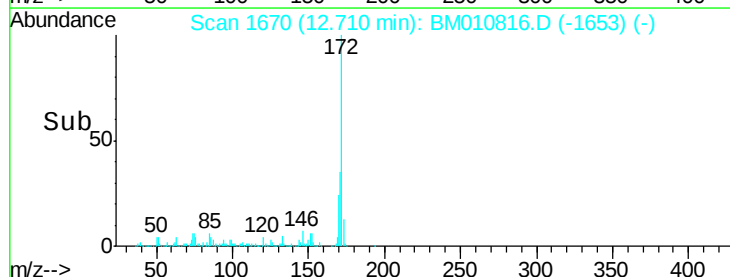
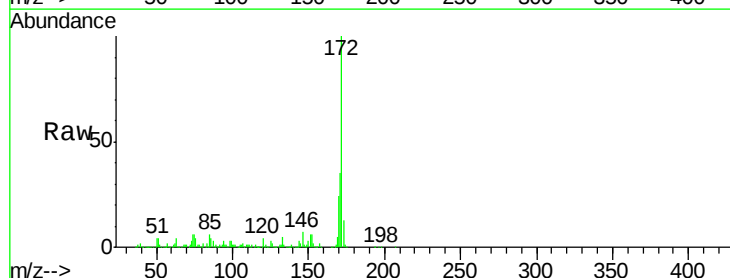
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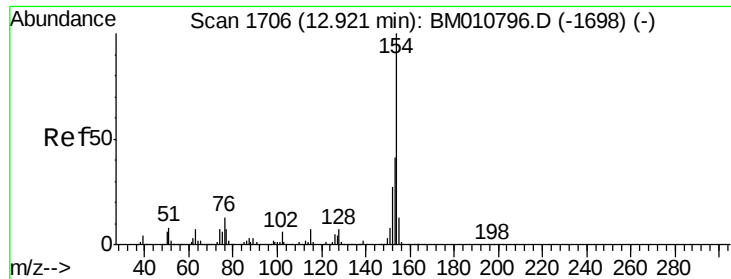
mohammad
 7/17/2017 8:13:18 AM



#44
 2-Fluorobiphenyl
 Concen: 80.345 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3611834		
171	34.9	28.5	42.7	
170	23.6	18.8	28.2	





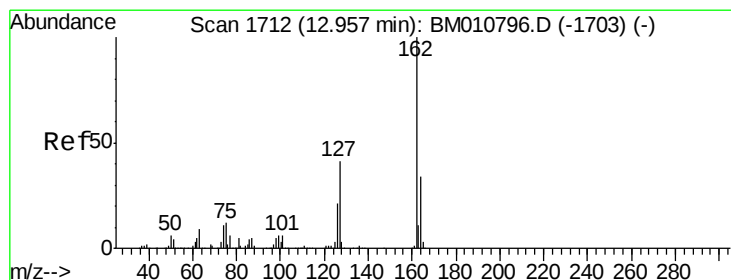
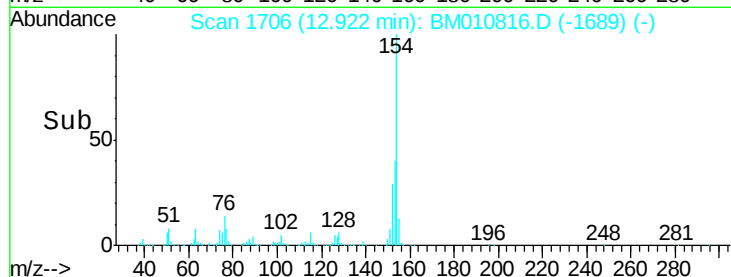
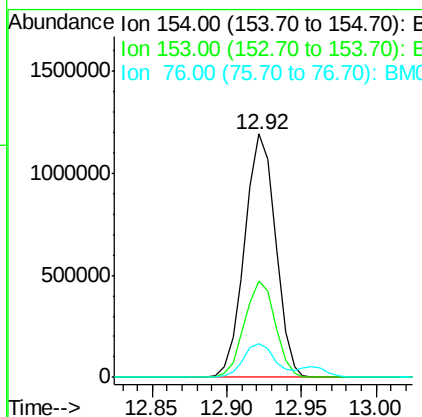
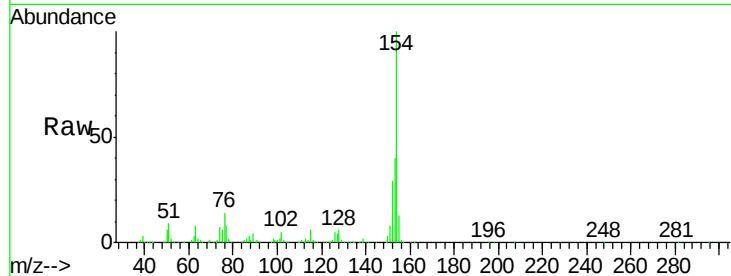
#45
 1,1'-Biphenyl
 Concen: 35.101 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Instrument :
 BNA_M
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.7	60.7
76	13.9	0.0	30.9

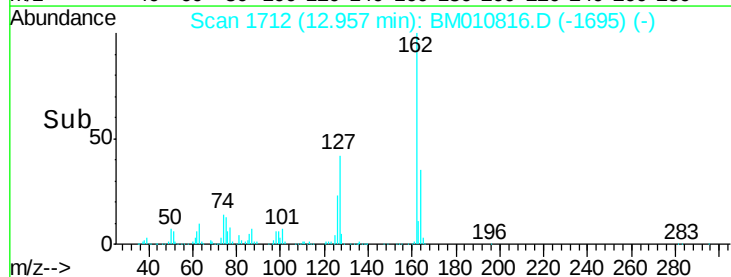
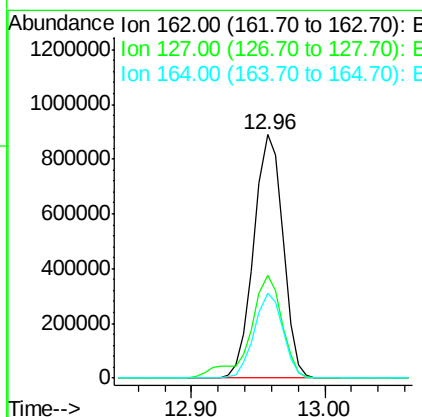
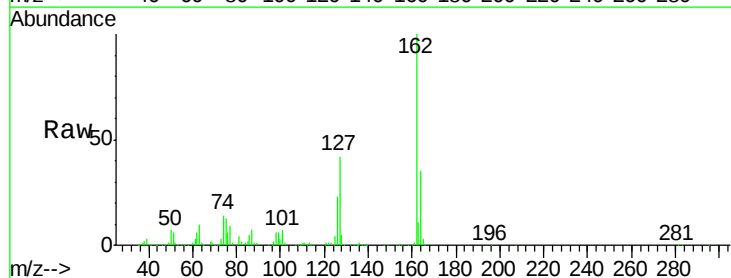
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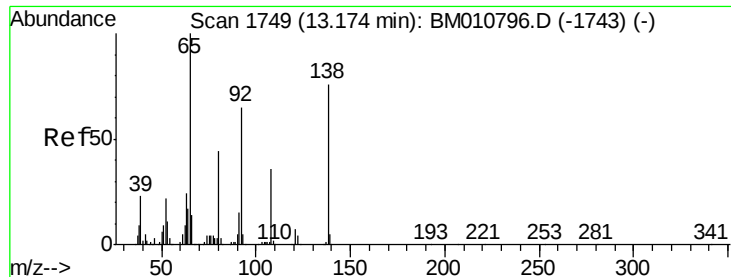
mohammad
 7/17/2017 8:13:18 AM



#46
 2-Chloronaphthalene
 Concen: 37.476 ng
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	26.9	40.3#
164	34.7	26.8	40.2





#47

2-Nitroaniline

Concen: 39.629 ng

RT: 13.17 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

ClientSampleId :

PB100554BS

Tgt Ion: 65 Resp: 465383

Ion Ratio Lower Upper

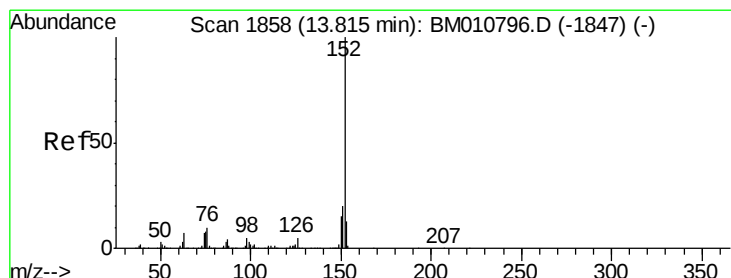
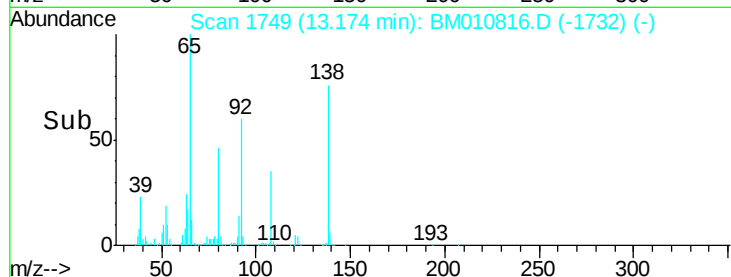
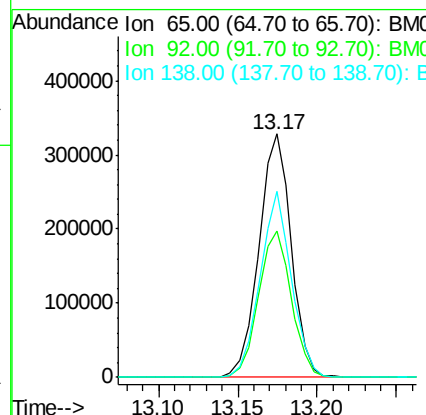
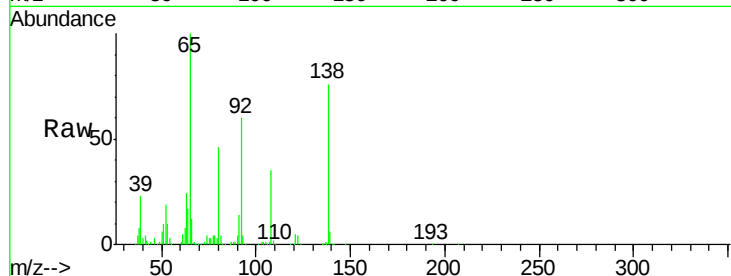
65 100

92 60.1 59.1 88.7

138 76.4 93.9 140.9#

Manual Integrations
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#48

Acenaphthylene

Concen: 38.195 ng

RT: 13.82 min Scan# 1858

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

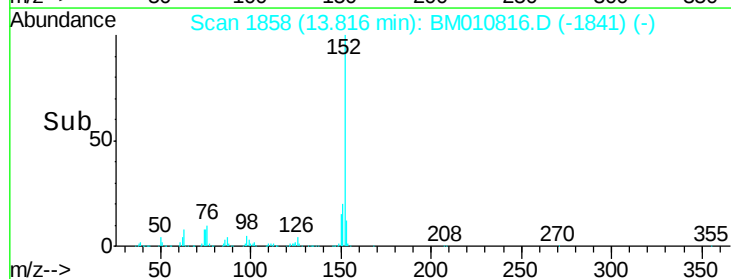
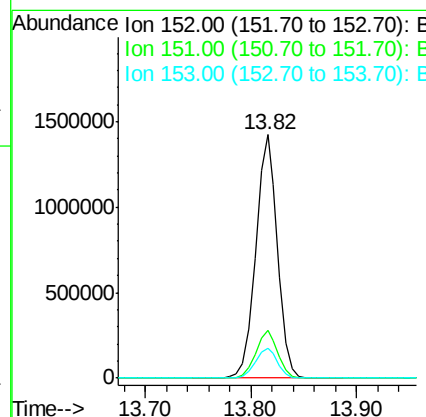
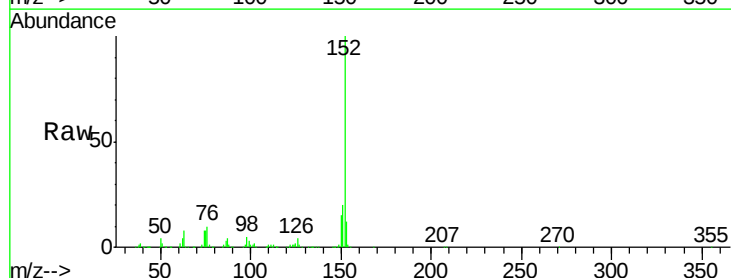
Tgt Ion: 152 Resp: 2029402

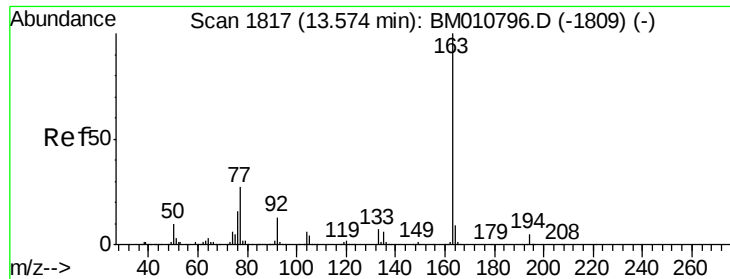
Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 12.1 10.6 16.0





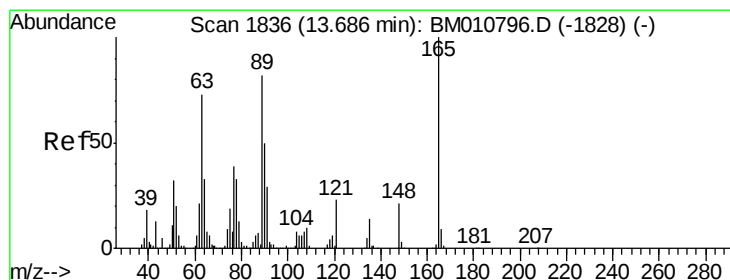
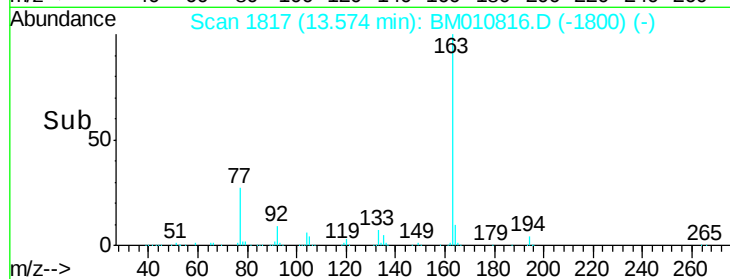
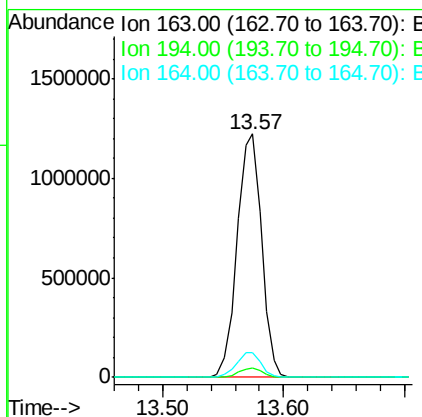
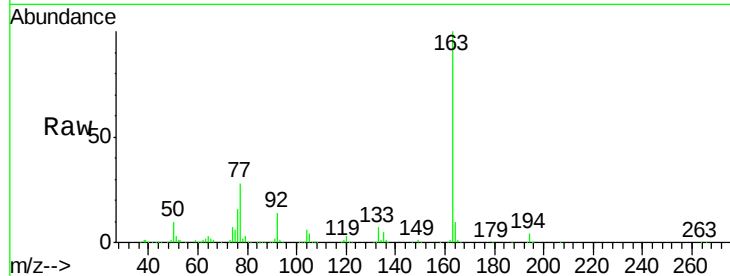
#49
Dimethylphthalate
Concen: 36.361 ng
RT: 13.57 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Tgt Ion:163 Resp: 1729946
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.4 8.2 12.2

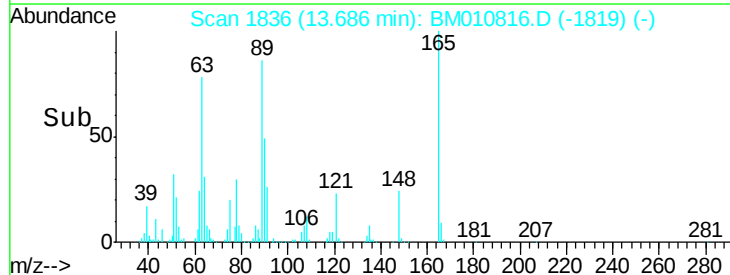
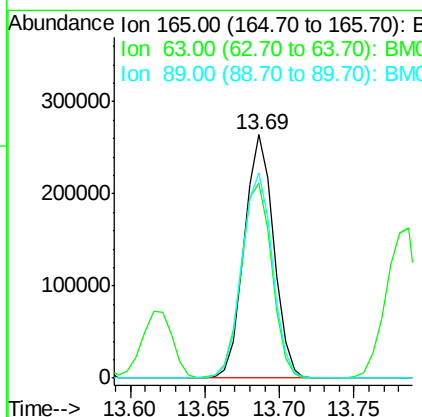
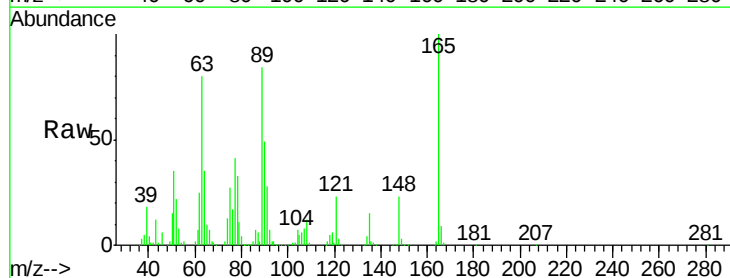
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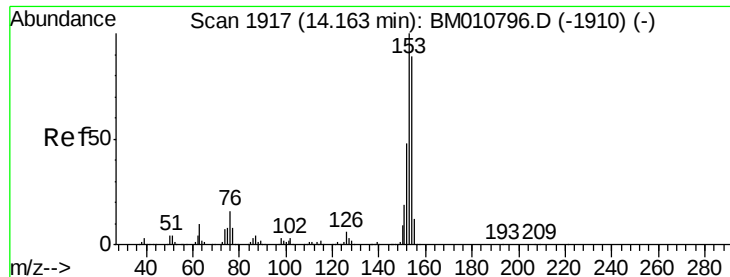
mohammad
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#50
2,6-Dinitrotoluene
Concen: 38.442 ng
RT: 13.69 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion:165 Resp: 358740
Ion Ratio Lower Upper
165 100
63 80.0 44.1 66.1#
89 84.4 44.3 66.5#





#51

Acenaphthene

Concen: 37.571 ng

RT: 14.16 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

ClientSampleId :

PB100554BS

Tgt Ion:154 Resp: 1219799

Ion Ratio Lower Upper

154 100

153 112.0 90.0 135.0

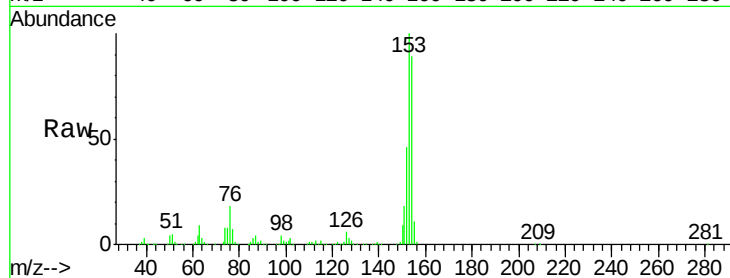
152 51.9 42.6 63.8

Manual Integrations

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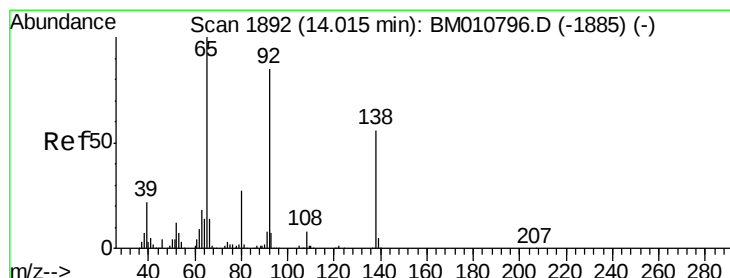
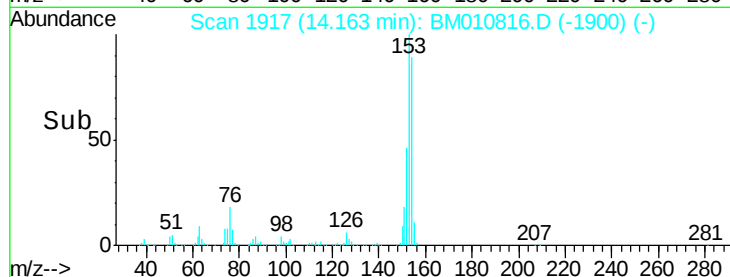
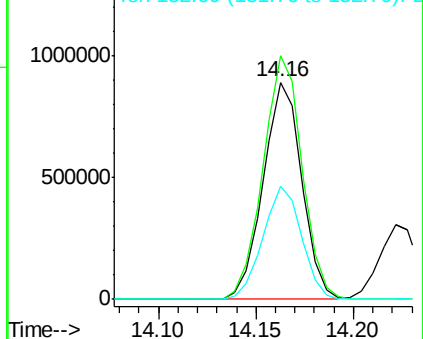
7/17/2017 8:13:18 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.088 ng

RT: 14.02 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Tgt Ion:138 Resp: 195864

Ion Ratio Lower Upper

138 100

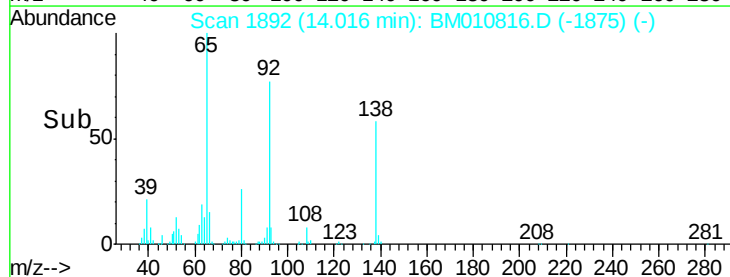
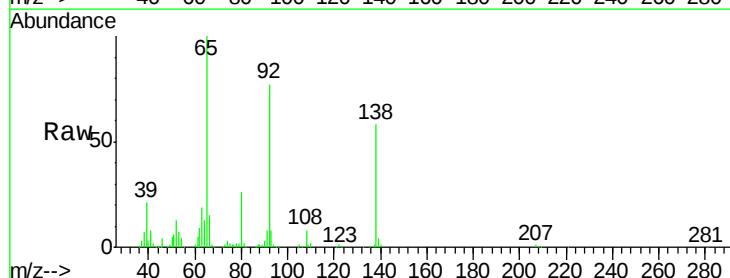
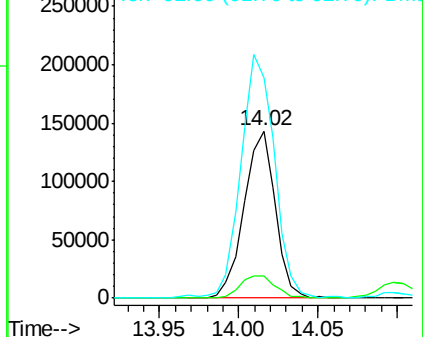
108 13.0 7.3 10.9#

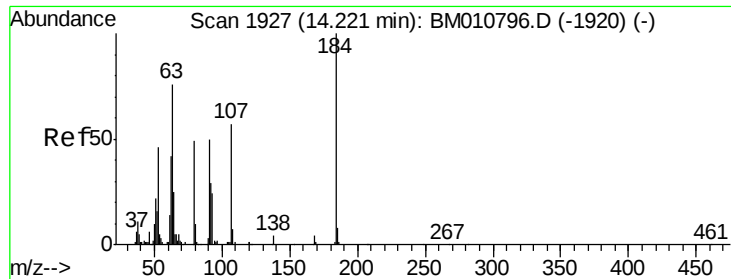
92 132.0 76.6 114.8#

Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





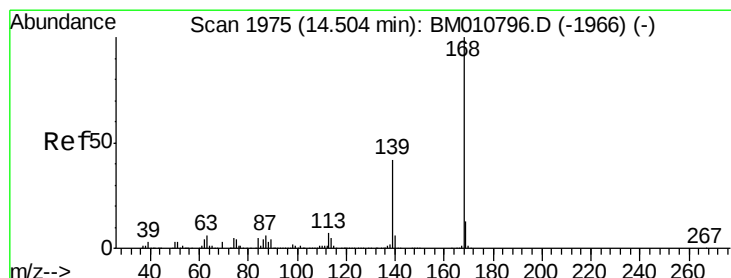
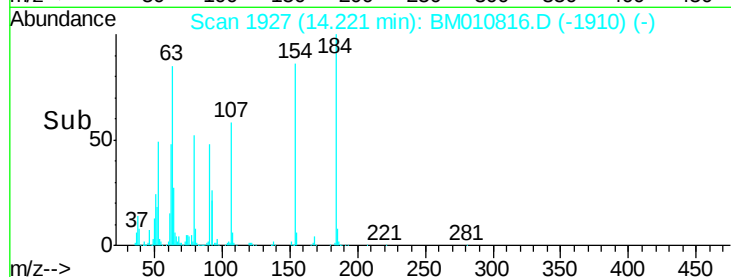
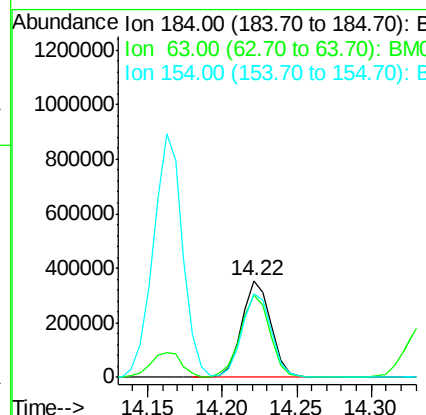
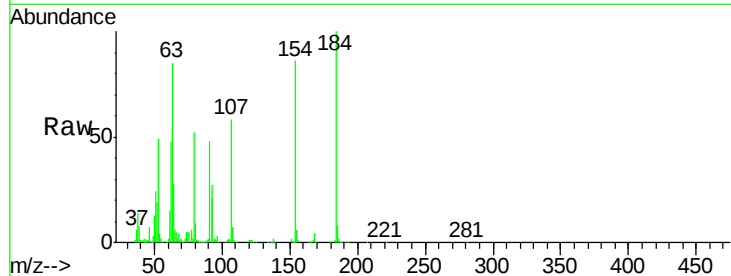
#53
2,4-Dinitrophenol
Concen: 74.464 ng
RT: 14.22 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	480366		
63	85.4	69.2	103.8	
154	86.2	53.3	79.9	

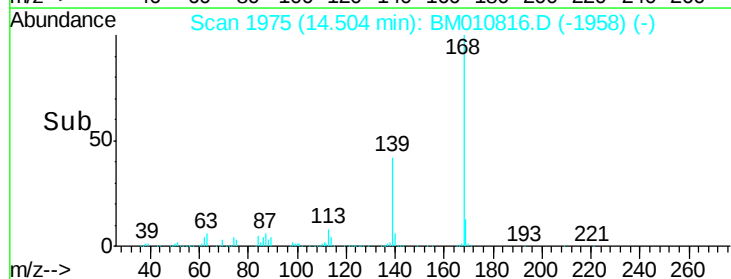
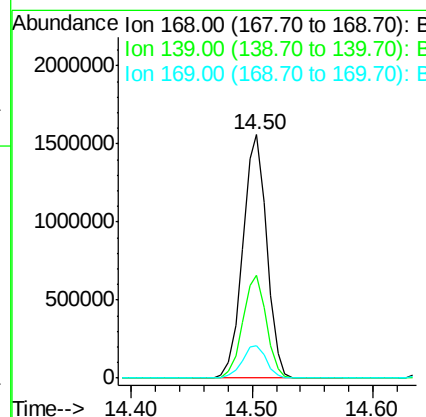
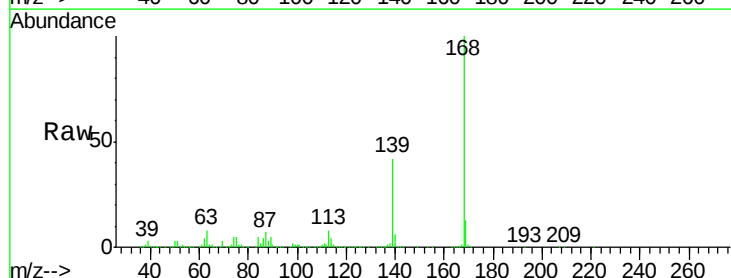
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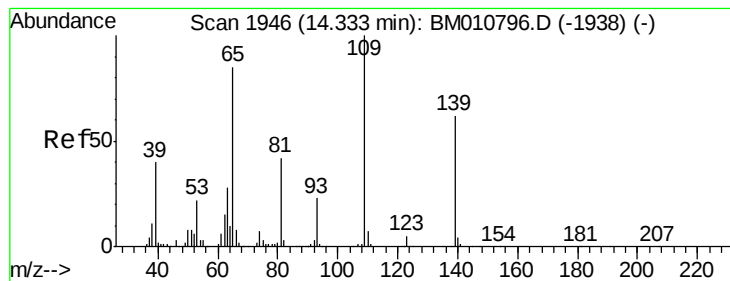
mohammad
7/17/2017 8:13:18 AM



#54
Dibenzofuran
Concen: 40.896 ng
RT: 14.50 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2147774		
139	42.1	27.3	40.9	
169	13.4	10.6	16.0	





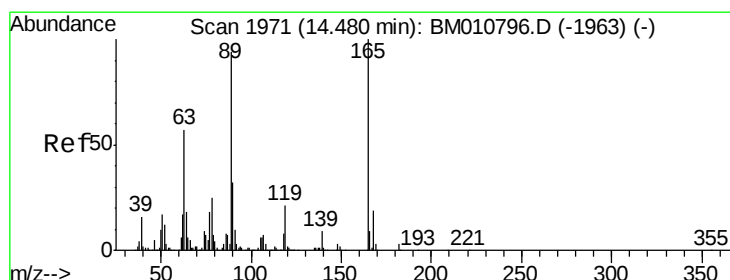
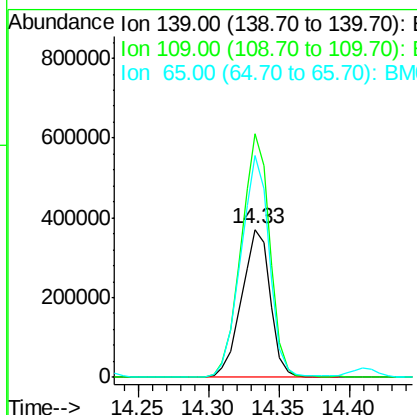
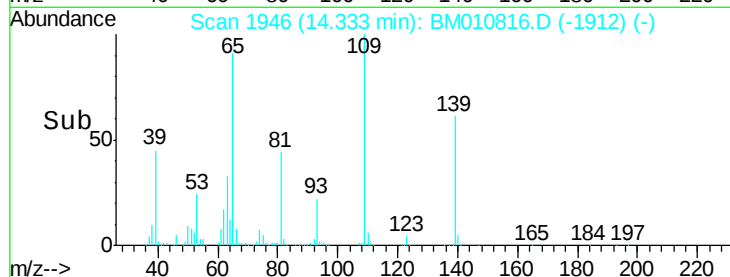
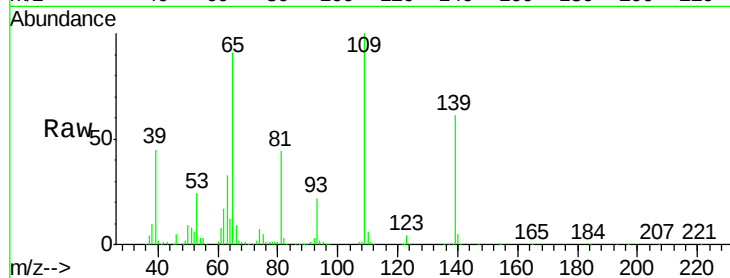
#55
4-Nitrophenol
Concen: 70.762 ng
RT: 14.33 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	164.7	37.7	77.7#	
65	150.4	49.9	89.9#	

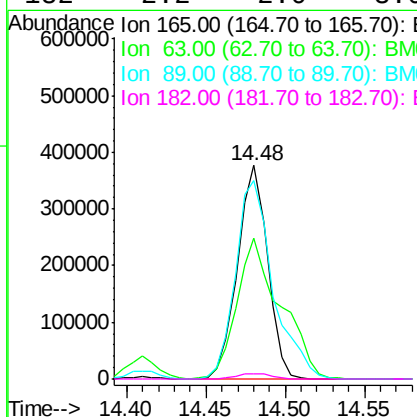
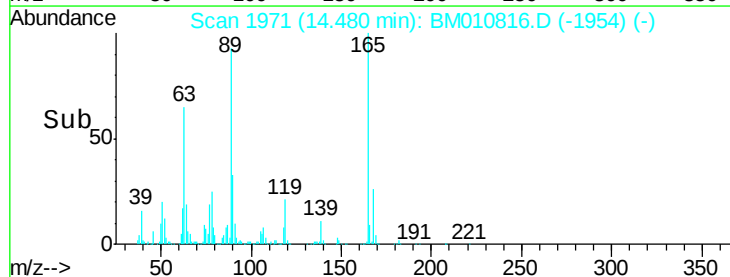
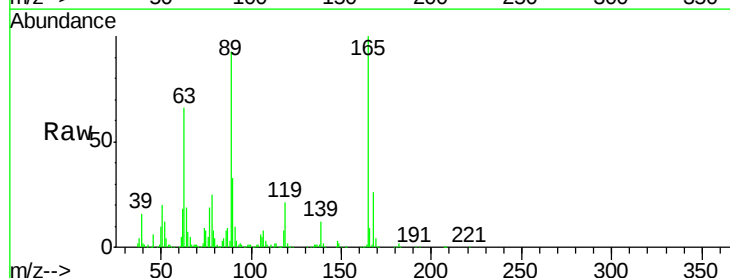
Manual Integrations
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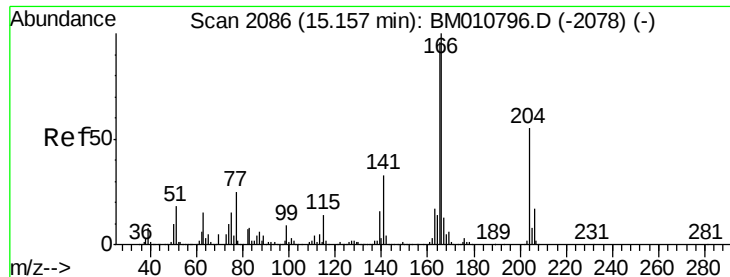
mohammad
7/17/2017 8:13:18 AM



#56
2,4-Dinitrotoluene
Concen: 38.327 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.9	52.4	78.6	
89	93.1	72.4	108.6	
182	2.2	2.0	3.0	





#57

Fluorene

Concen: 37.516 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

ClientSampleId :

PB100554BS

Tgt Ion:166 Resp: 1693712

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.4

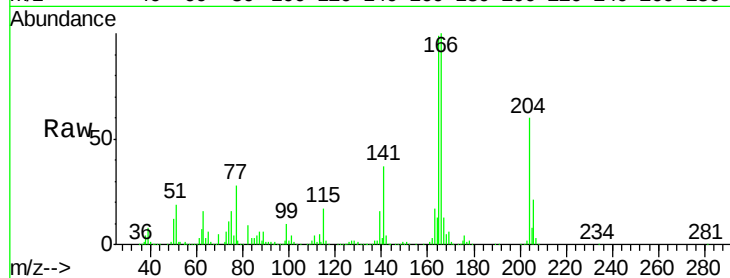
167 13.2 10.3 15.5

Manual Integrations

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mohammad

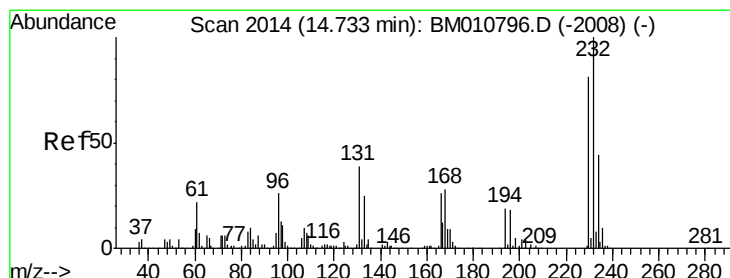
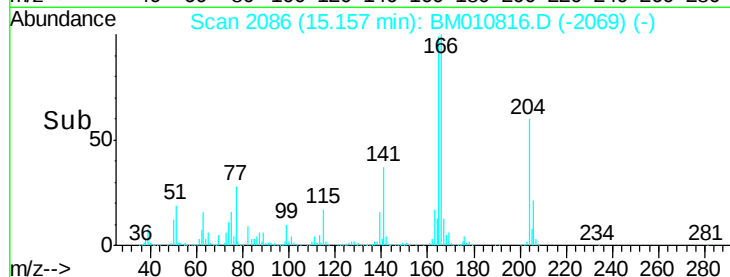
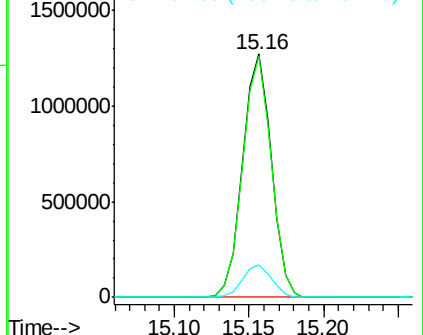
7/17/2017 8:13:18 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.248 ng

RT: 14.73 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Tgt Ion:232 Resp: 581736

Ion Ratio Lower Upper

232 100

131 41.7 0.0 0.0#

130 2.9 0.0 0.0#

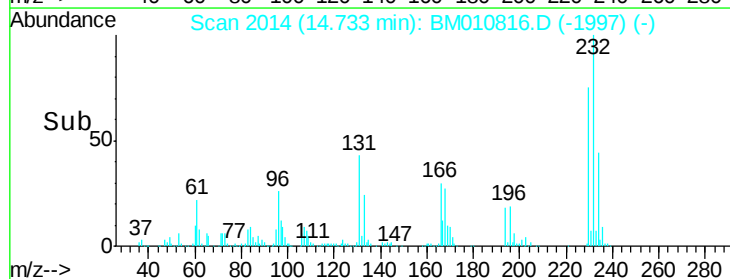
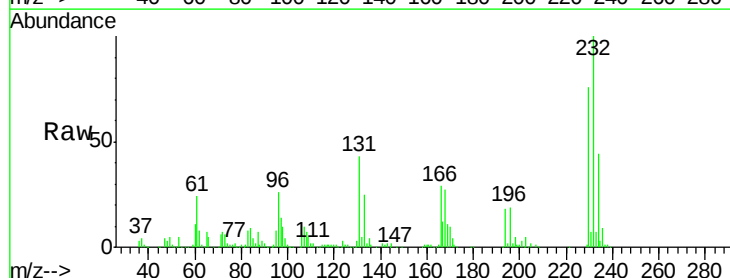
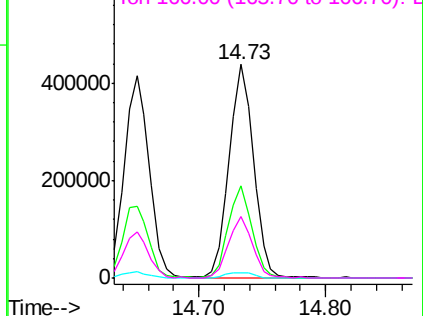
166 28.5 0.0 0.0#

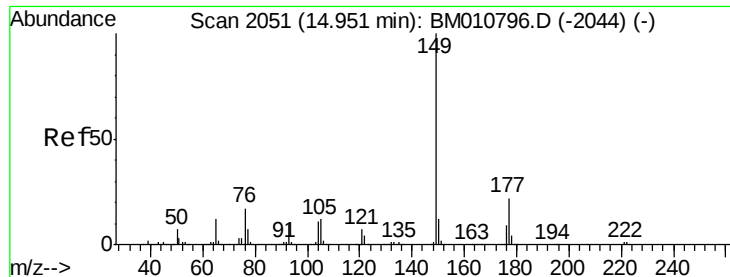
Abundance Ion 232.00 (231.70 to 232.70): E

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





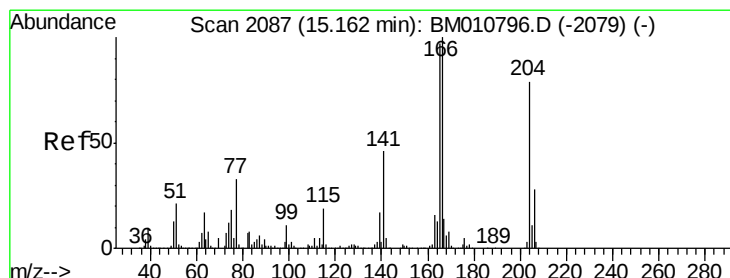
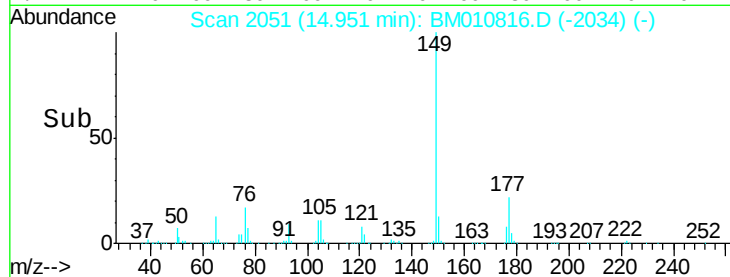
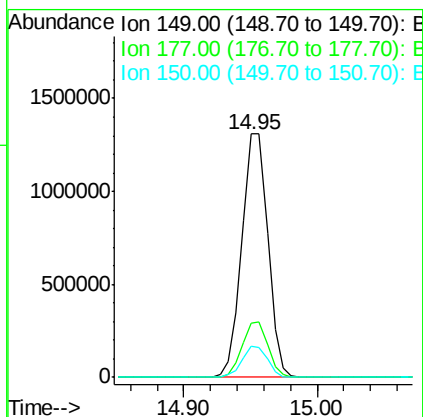
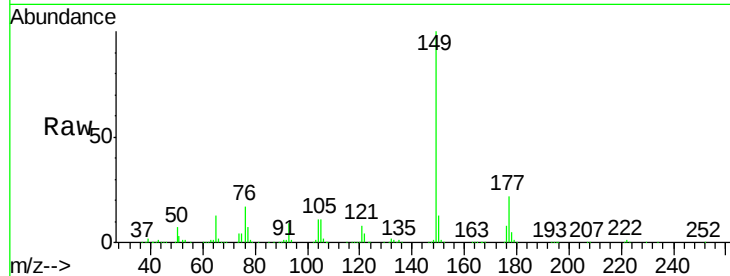
#59
Diethylphthalate
Concen: 37.706 ng
RT: 14.95 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Tgt Ion:149 Resp: 1771688
Ion Ratio Lower Upper
149 100
177 22.2 18.3 27.5
150 12.9 9.8 14.8

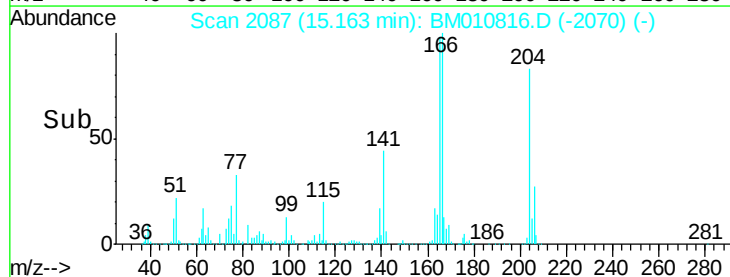
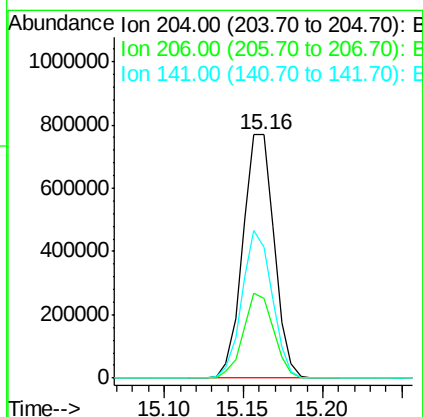
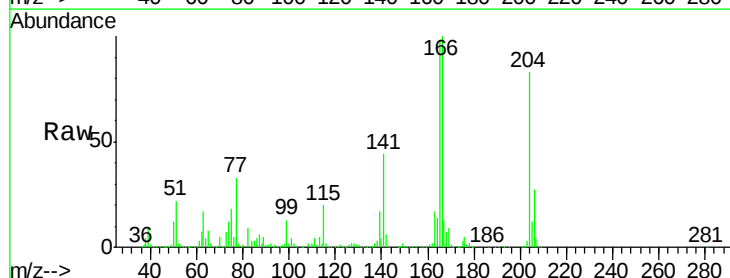
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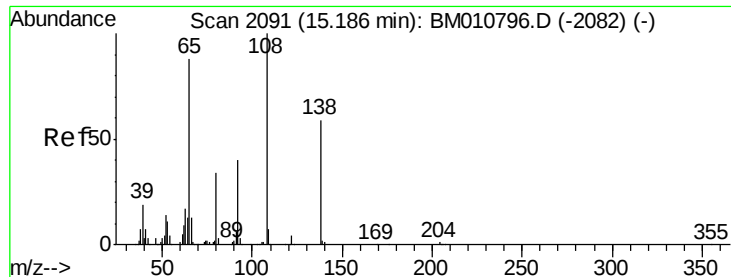
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 38.079 ng
RT: 15.16 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion:204 Resp: 1056011
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 53.9 45.2 67.8





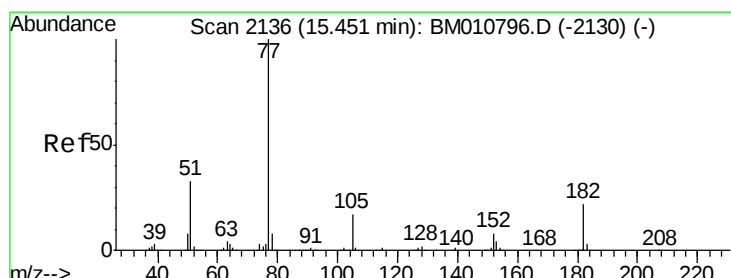
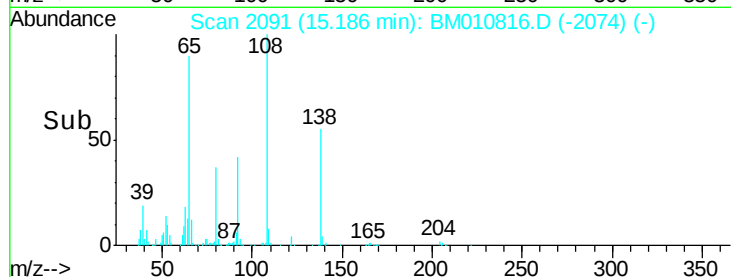
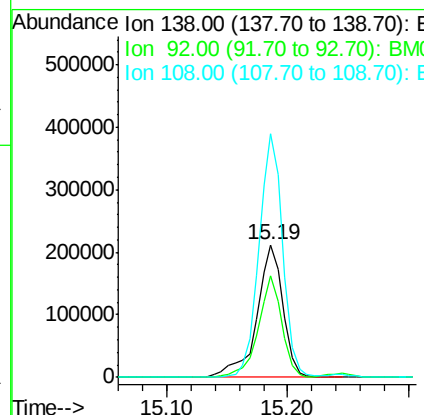
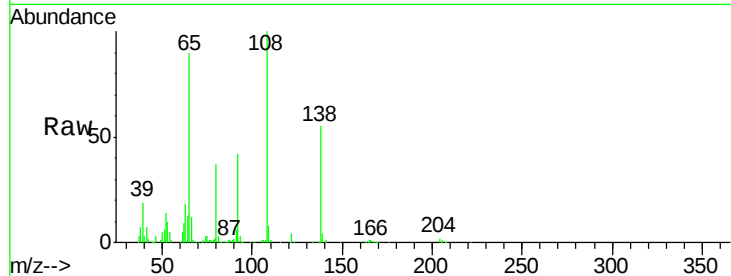
#61
4-Nitroaniline
Concen: 36.297 ng
RT: 15.19 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampled :
PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	321849		
92	76.6	16.7	56.7#	
108	183.4	37.6	77.6#	

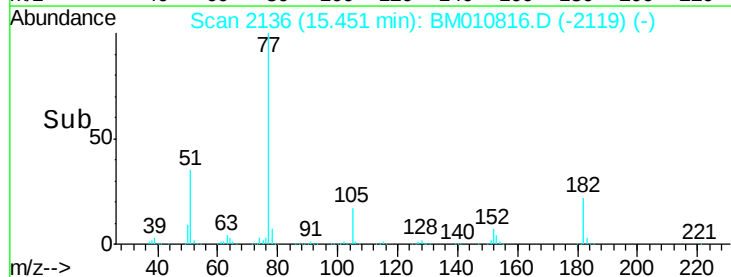
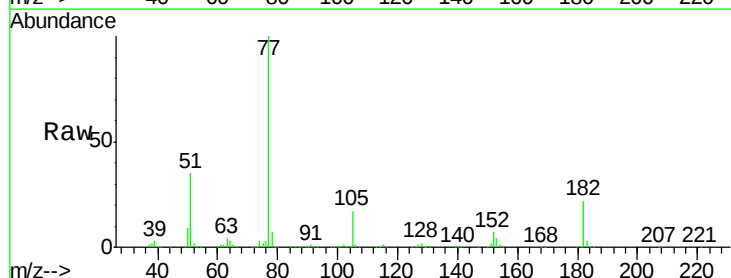
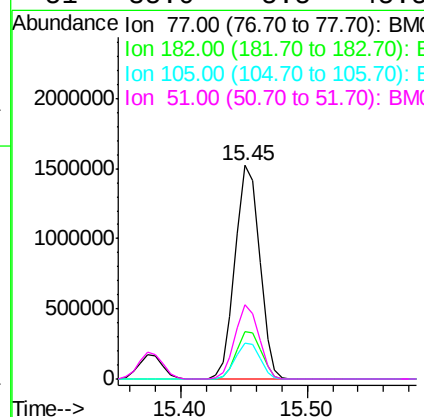
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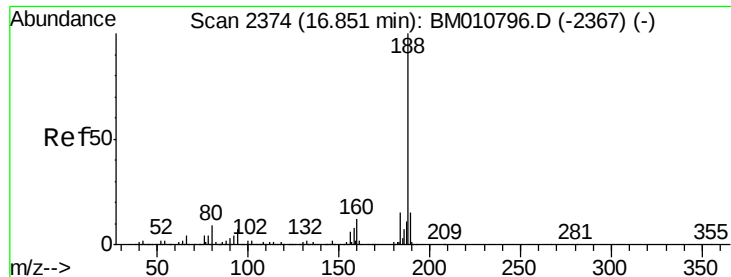
mohammad
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#62
Azobenzene
Concen: 42.612 ng
RT: 15.45 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	2033093		
182	22.1	6.5	46.5	
105	16.9	3.8	43.8	
51	35.0	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: BM010816.D

Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

ClientSampleId :

PB100554BS

Tgt Ion:188 Resp: 1343793

Ion Ratio Lower Upper

188 100

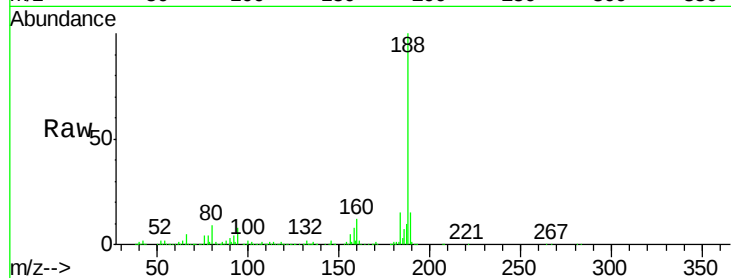
94 7.9 8.7 13.1#

80 8.6 9.3 13.9#

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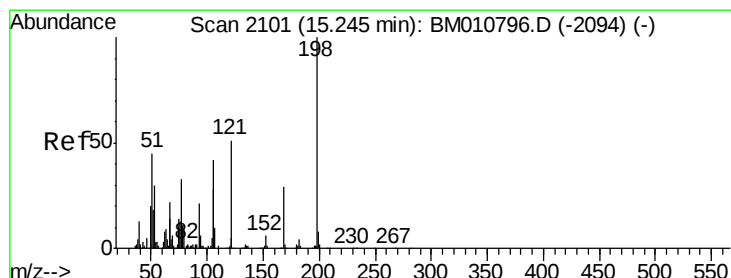
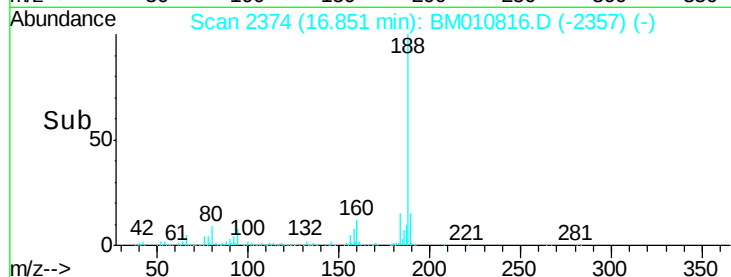
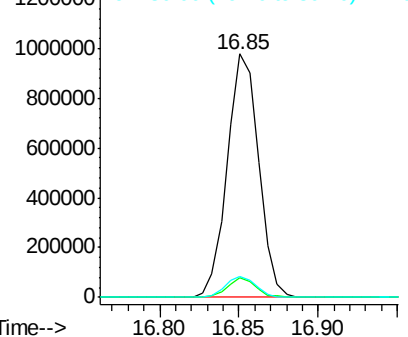
7/17/2017 8:13:18 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.037 ng

RT: 15.24 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

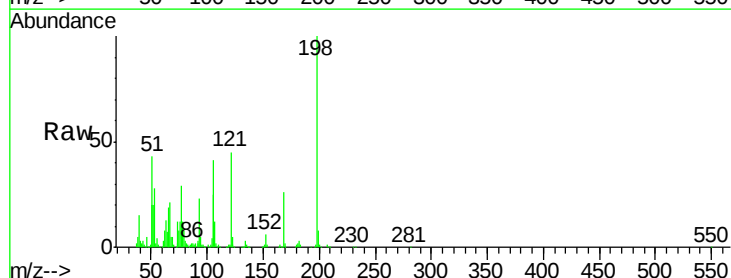
Tgt Ion:198 Resp: 328190

Ion Ratio Lower Upper

198 100

51 43.5 28.8 68.8

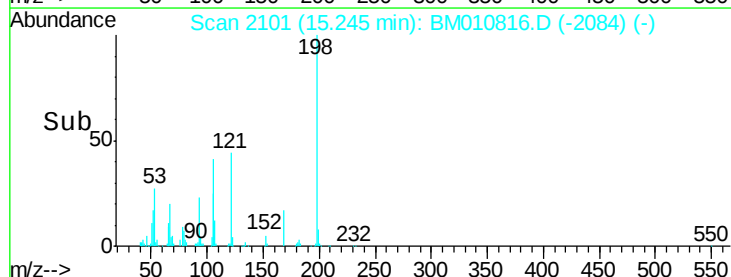
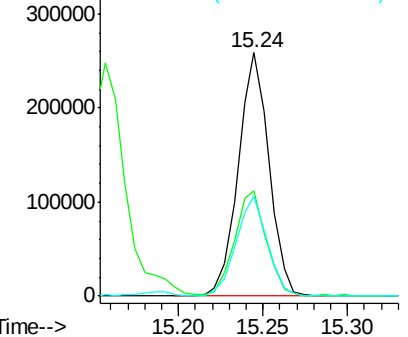
105 41.0 30.5 70.5

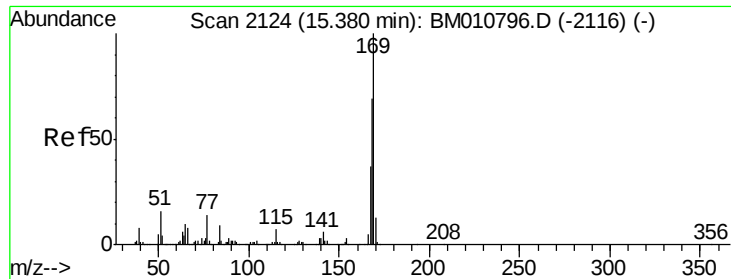


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





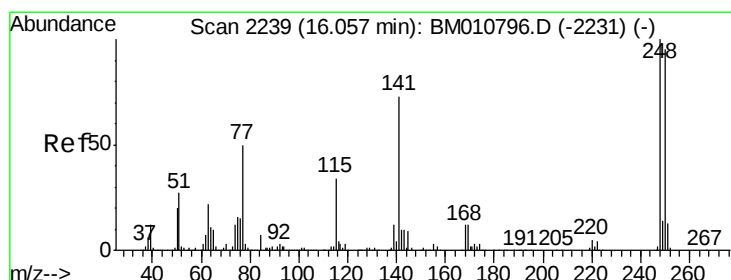
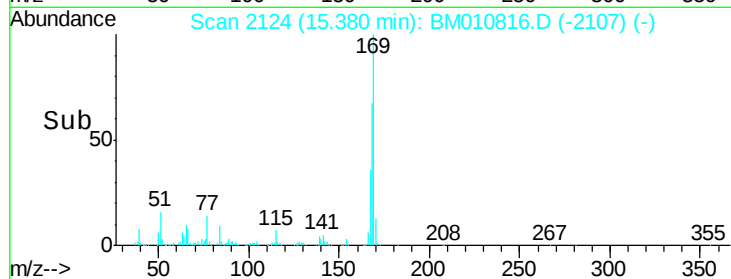
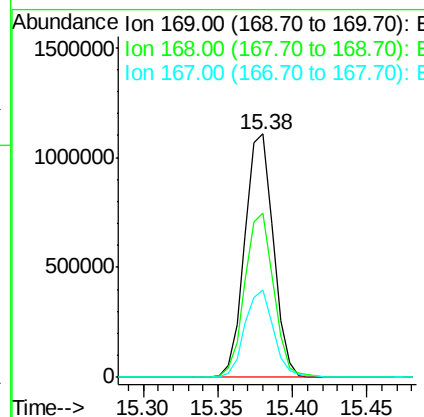
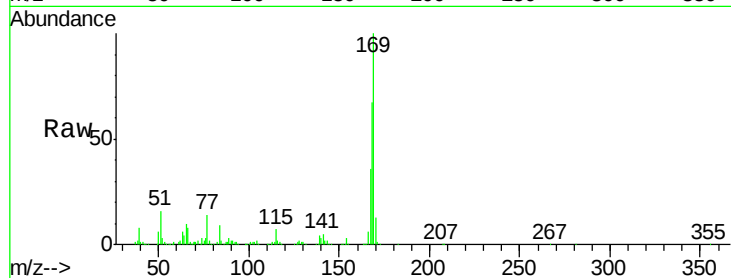
#65
 n-Nitrosodiphenylamine
 Concen: 38.245 ng
 RT: 15.38 min Scan# 2124
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Instrument :
 BNA_M
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.9	80.9
167	36.1	28.9	43.3

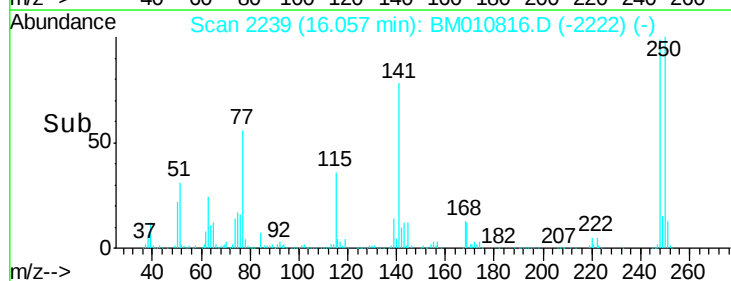
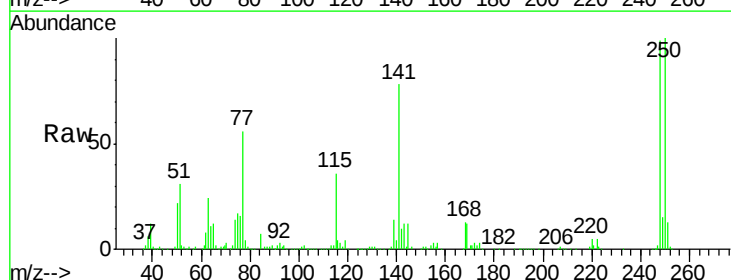
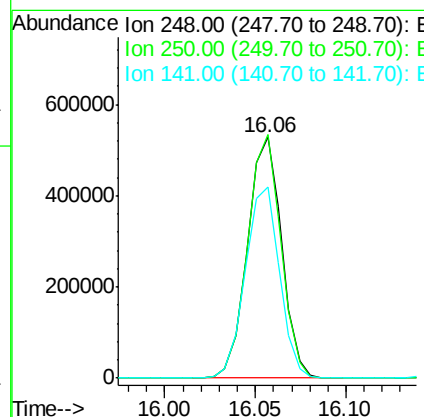
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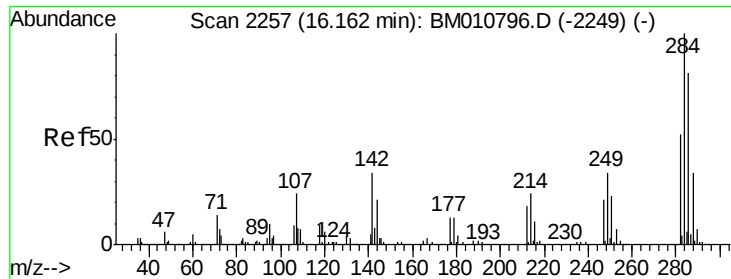
mohammad
 7/17/2017 8:13:18 AM



#66
 4-Bromophenyl-phenylether
 Concen: 40.471 ng
 RT: 16.06 min Scan# 2239
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Lower	Upper
248	100		
250	101.0	77.4	116.0
141	79.3	45.2	67.8





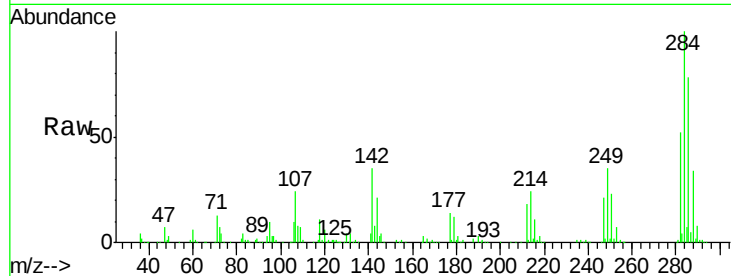
#67
Hexachlorobenzene
Concen: 36.672 ng
RT: 16.16 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

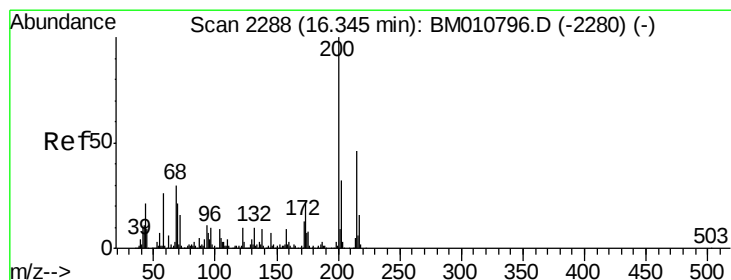
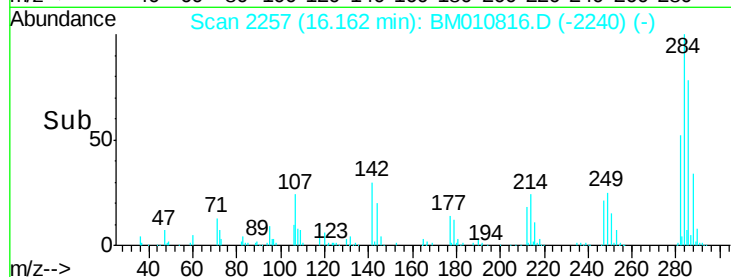
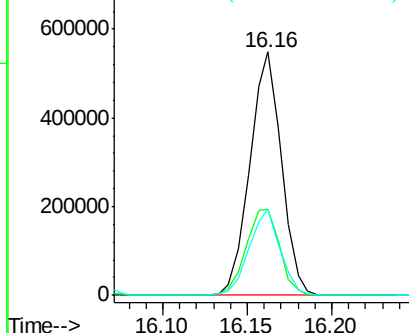
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	35.3	20.4	30.6#
249	35.3	23.8	35.6

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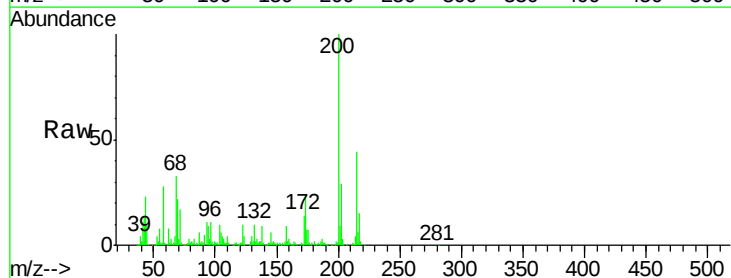


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

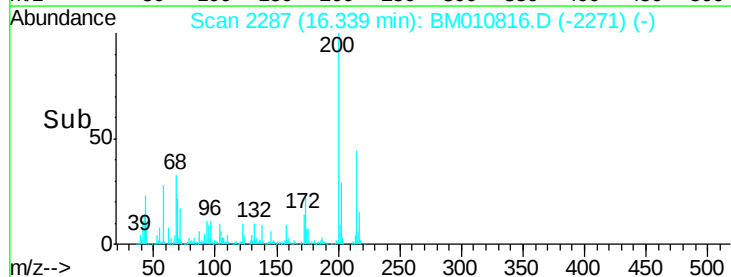
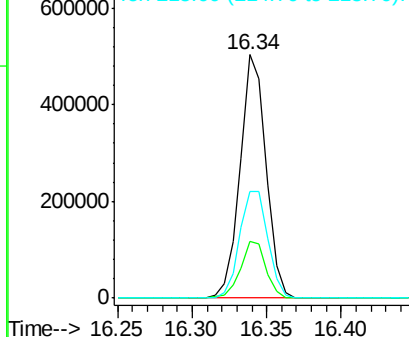


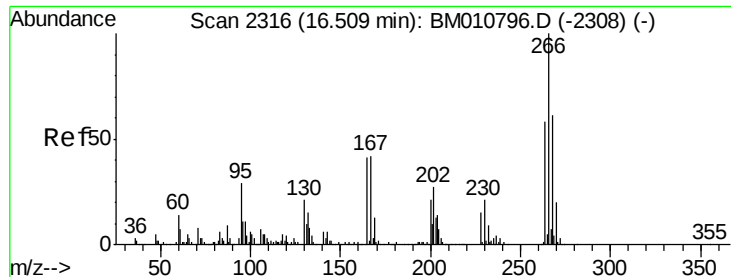
#68
Atrazine
Concen: 37.949 ng
RT: 16.34 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.5	4.8	44.8
215	44.0	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





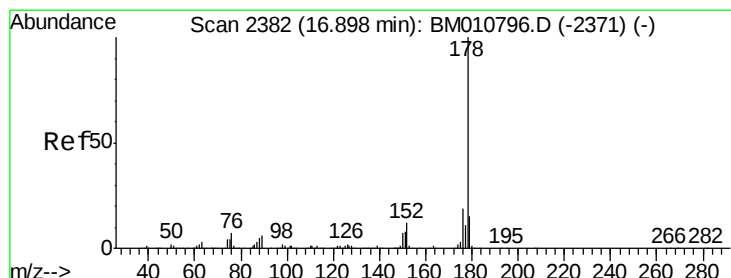
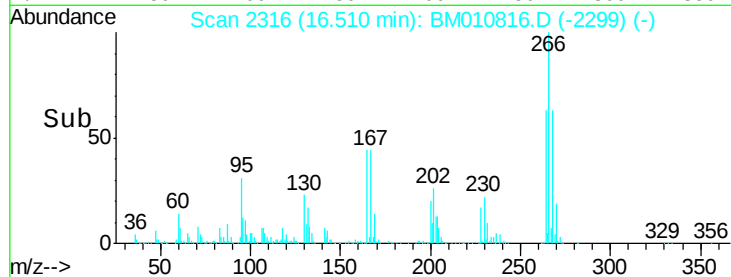
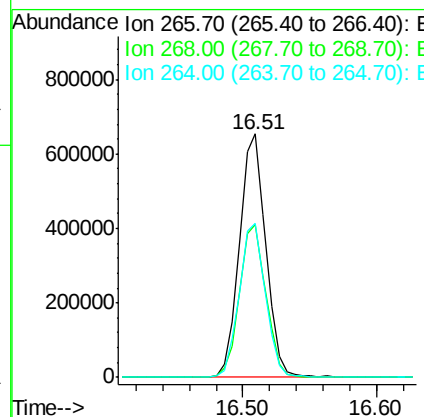
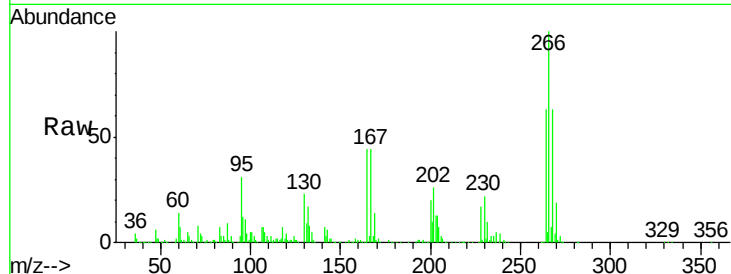
#69
 Pentachlorophenol
 Concen: 71.836 ng
 RT: 16.51 min Scan# 2316
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Instrument :
 BNA_M
 ClientSampleId :
 PB100554BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	896781		
268	63.0	52.0	78.0	
264	63.3	49.0	73.4	

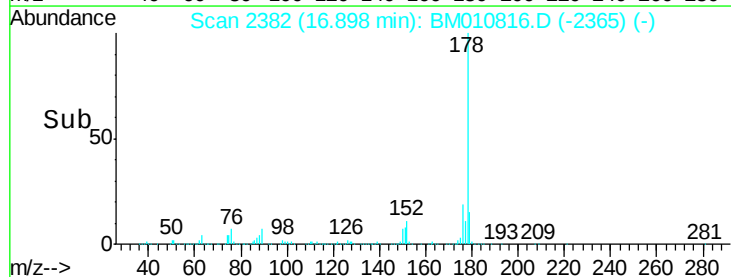
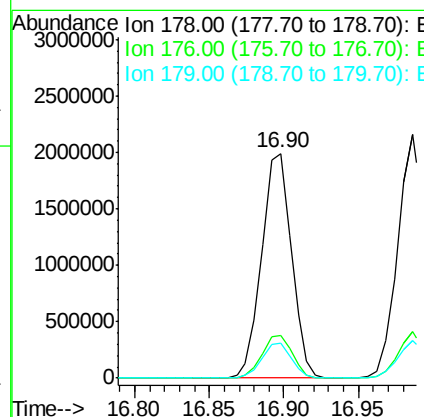
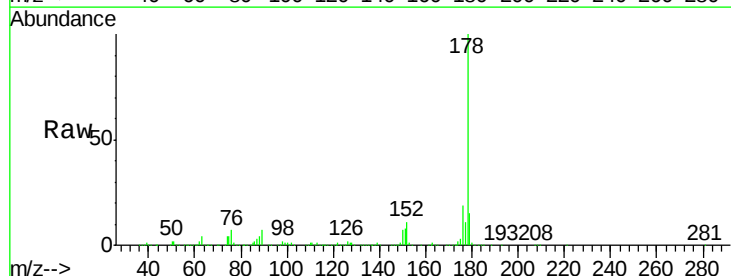
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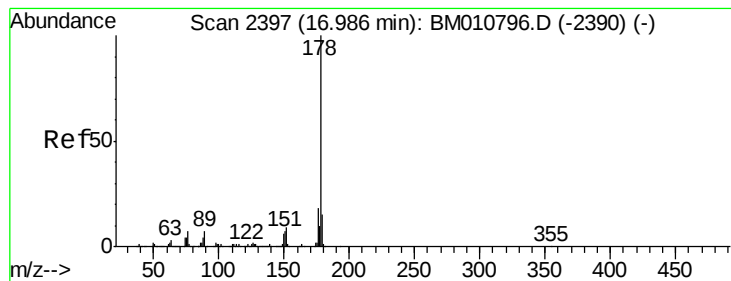
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#70
 Phenanthrene
 Concen: 39.352 ng
 RT: 16.90 min Scan# 2382
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2750984		
176	19.0	15.2	22.8	
179	15.5	12.1	18.1	





#71

Anthracene

Concen: 40.222 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

ClientSampleId :

PB100554BS

Tgt Ion:178 Resp: 2791172

Ion Ratio Lower Upper

178 100

176 19.0 14.6 22.0

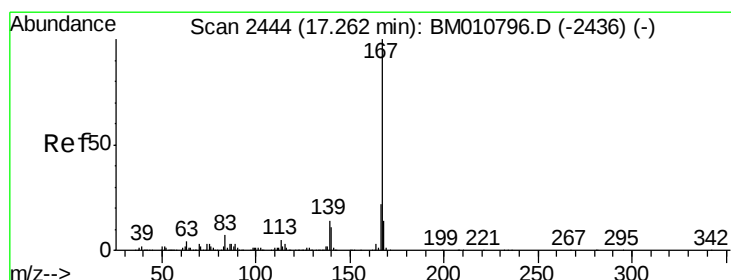
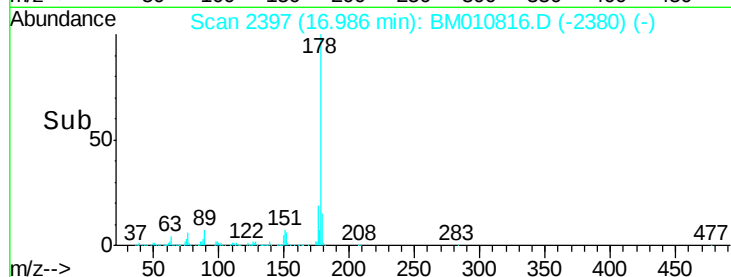
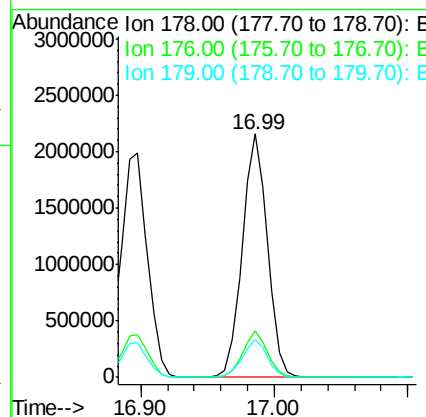
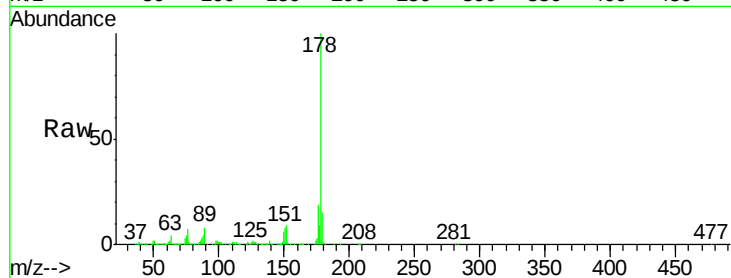
179 15.4 12.6 19.0

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#72

Carbazole

Concen: 37.141 ng

RT: 17.26 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

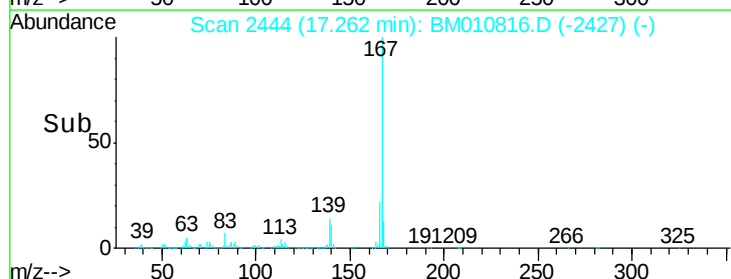
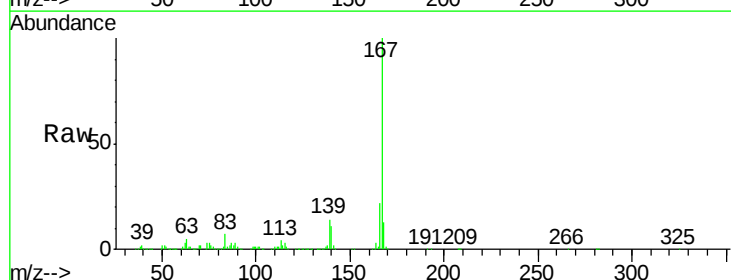
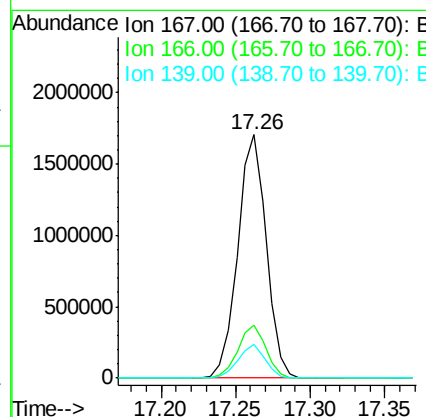
Tgt Ion:167 Resp: 2269902

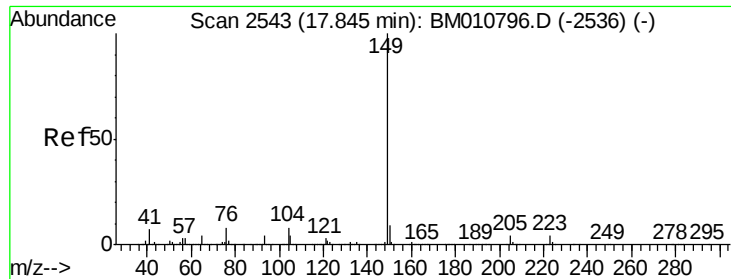
Ion Ratio Lower Upper

167 100

166 21.9 17.2 25.8

139 13.6 10.8 16.2





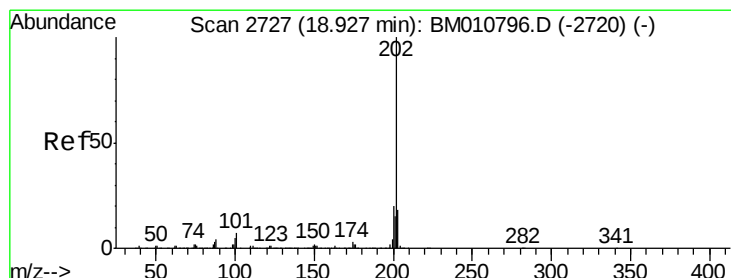
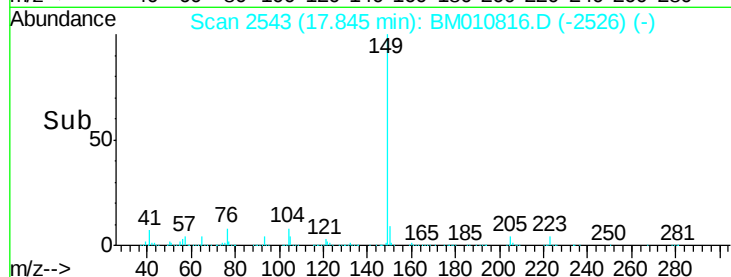
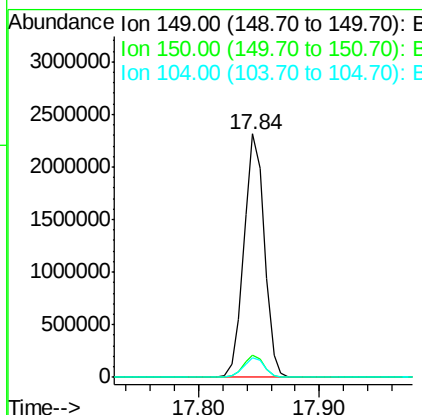
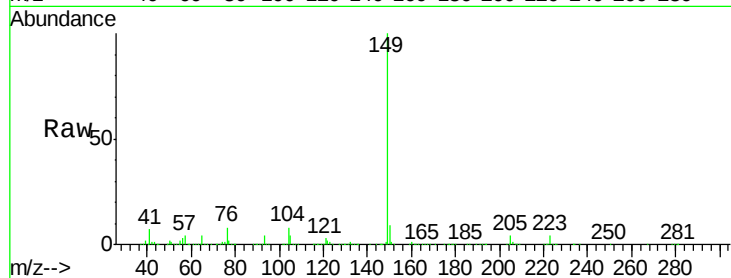
#73
Di-n-butylphthalate
Concen: 37.937 ng
RT: 17.84 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Tgt Ion:149 Resp: 2743078
Ion Ratio Lower Upper
149 100
150 9.3 7.5 11.3
104 7.8 3.7 5.5#

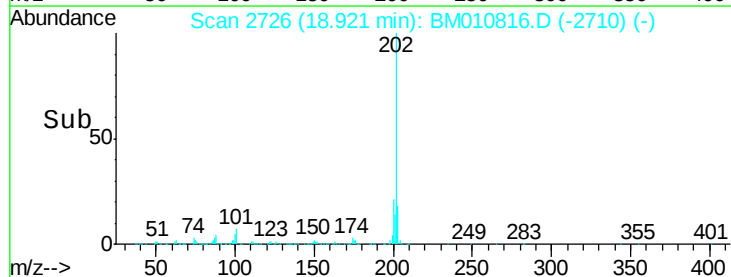
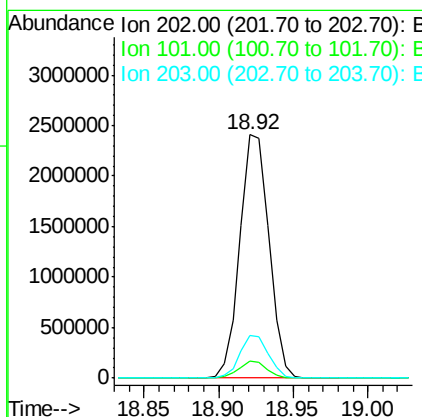
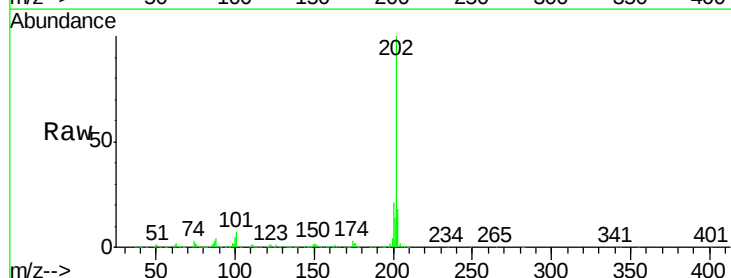
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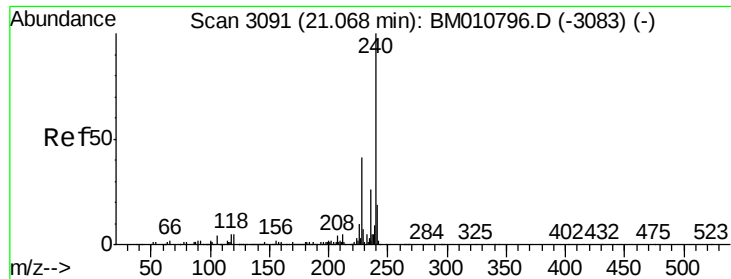
mohammad
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#74
Fluoranthene
Concen: 37.727 ng
RT: 18.92 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion:202 Resp: 3266348
Ion Ratio Lower Upper
202 100
101 7.0 0.0 28.7
203 17.8 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: BM010816.D

Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

ClientSampleId :

PB100554BS

Tgt Ion:240 Resp: 1365589

Ion Ratio Lower Upper

240 100

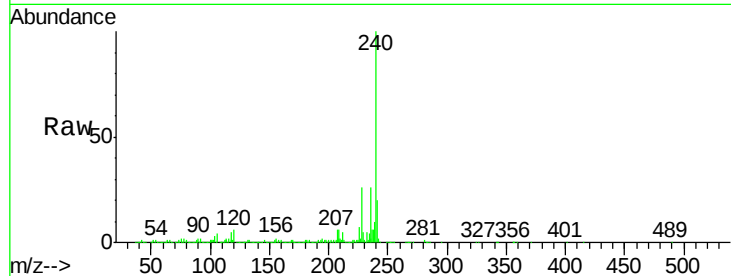
120 5.7 8.2 12.2#

236 25.9 20.0 30.0

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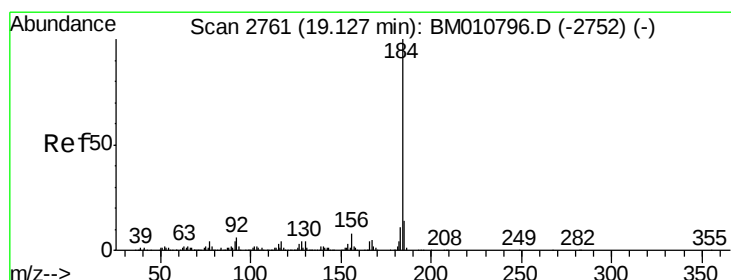
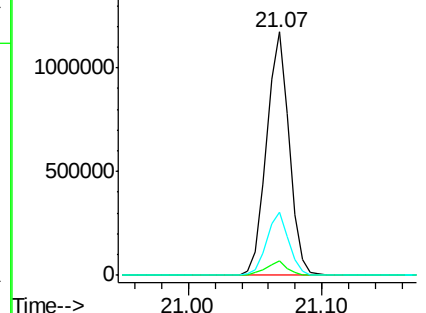
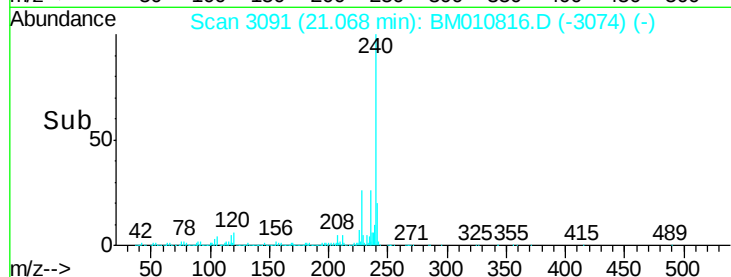
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.963 ng

RT: 19.12 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

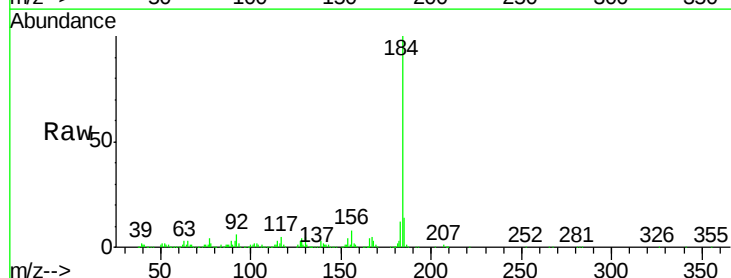
Tgt Ion:184 Resp: 1423825

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

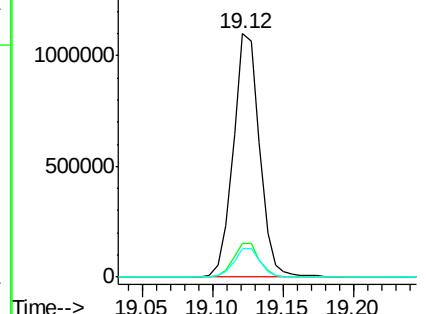
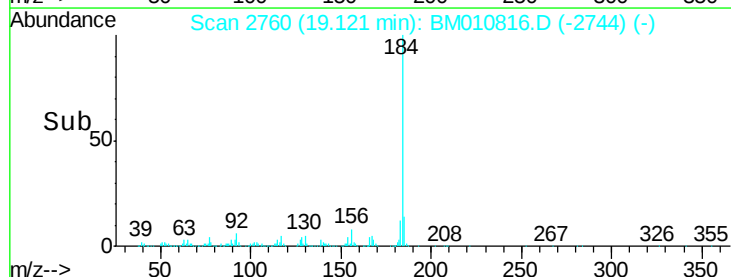
183 11.9 8.9 13.3

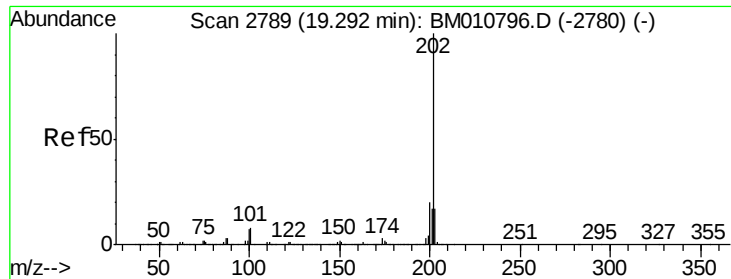


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.096 ng

RT: 19.29 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

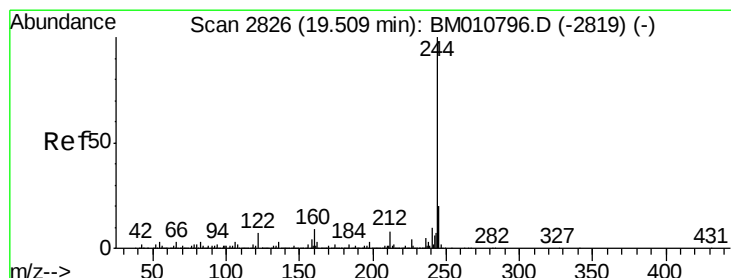
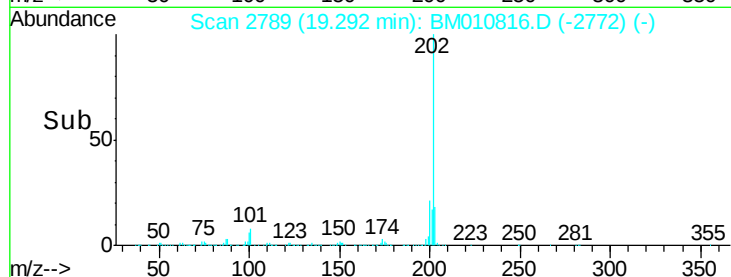
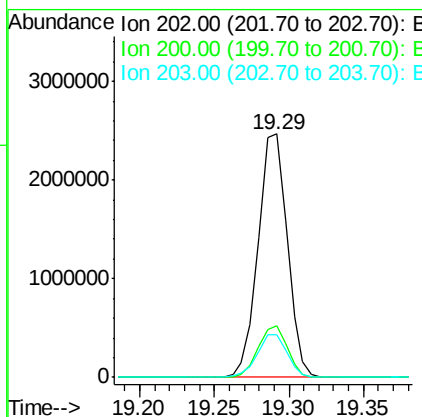
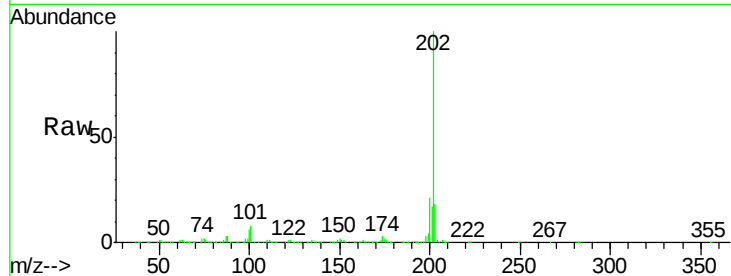
ClientSampleId :

PB100554BS

Tgt	Ion	Ratio	Lower	Upper
202	100			
200	21.2	16.9	25.3	
203	17.6	14.1	21.1	

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#78

Terphenyl-d14

Concen: 73.394 ng

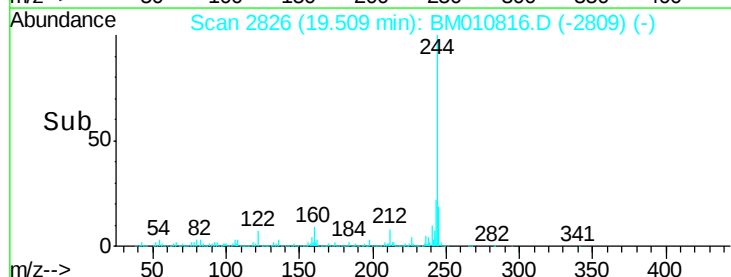
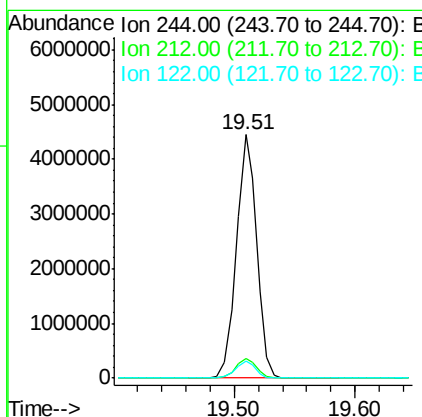
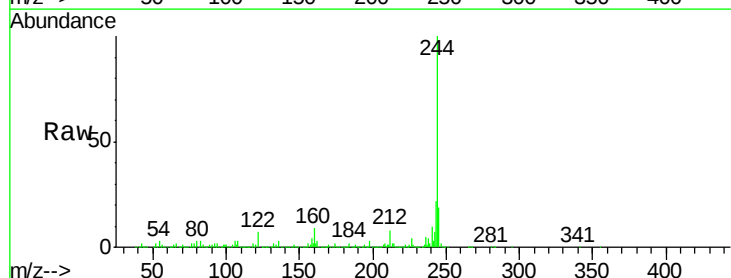
RT: 19.51 min Scan# 2826

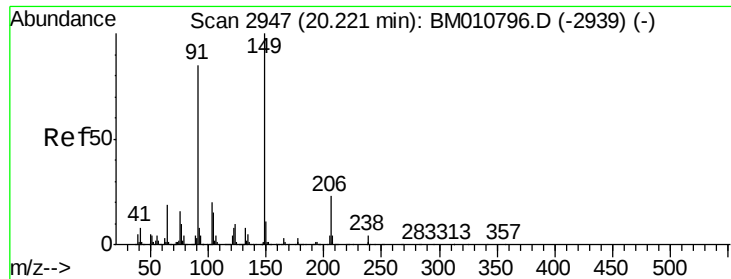
Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Tgt	Ion	Ratio	Lower	Upper
244	100			
212	7.9	4.9	7.3#	
122	6.8	6.2	9.4	





#79

Butylbenzylphthalate

Concen: 40.700 ng

RT: 20.22 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BM010816.D

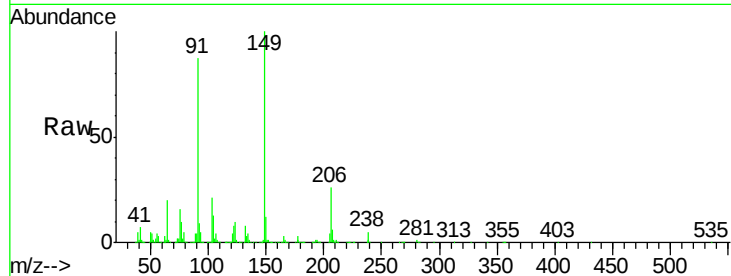
Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

ClientSampleId :

PB100554BS



Tgt Ion:149 Resp: 1128037

Ion Ratio Lower Upper

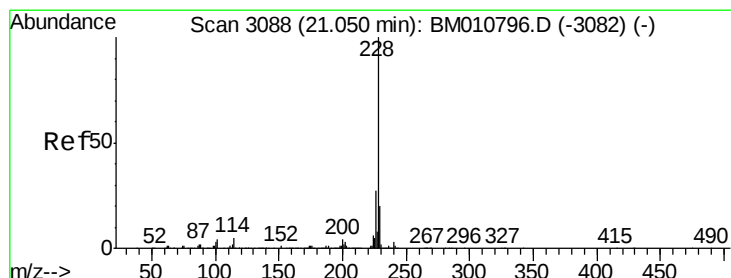
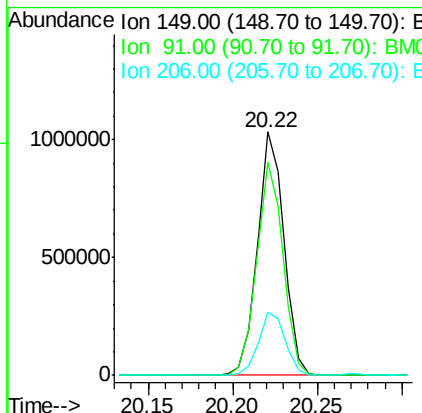
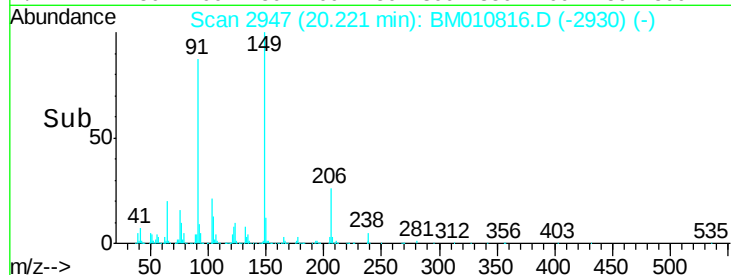
149 100

91 87.4 50.1 75.1#

206 25.7 16.2 24.2#

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#80

Benzo(a)anthracene

Concen: 40.272 ng

RT: 21.05 min Scan# 3088

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

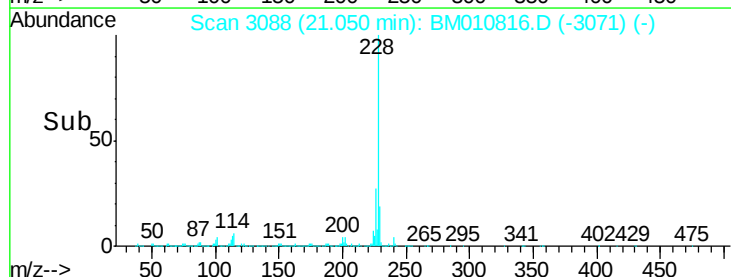
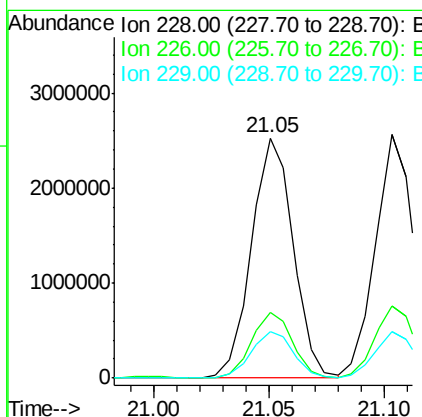
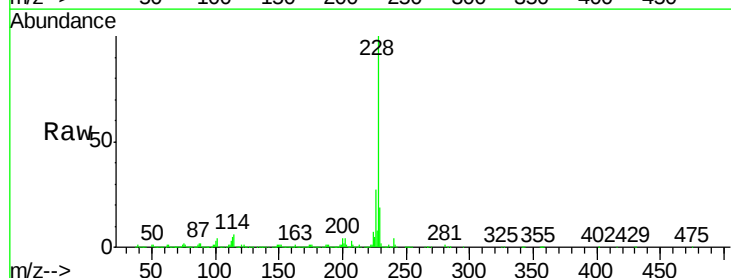
Tgt Ion:228 Resp: 3186630

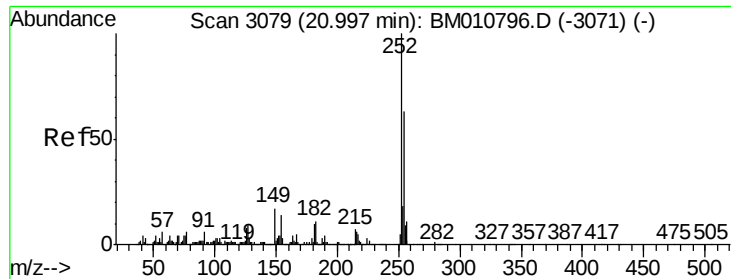
Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.3 16.0 24.0





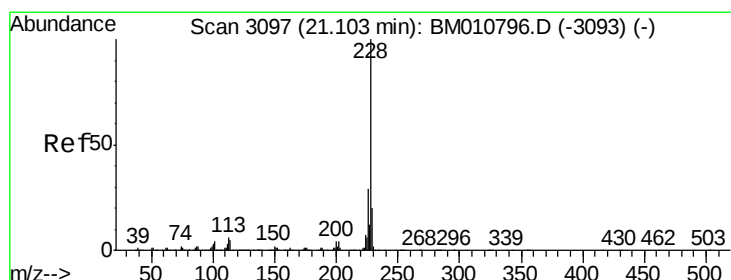
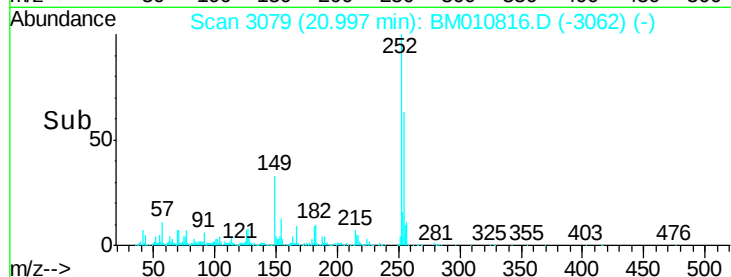
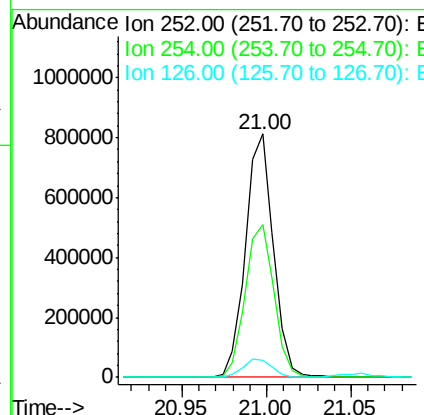
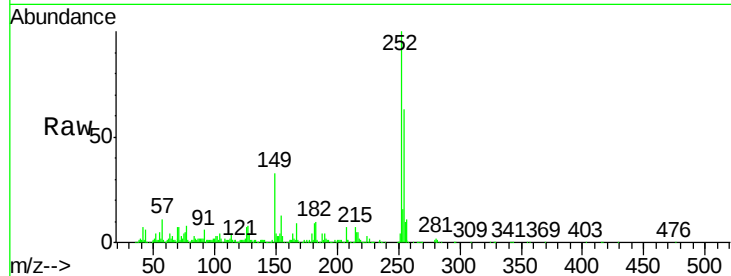
#81
 3,3'-Dichlorobenzidine
 Concen: 30.093 ng
 RT: 21.00 min Scan# 3079
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Instrument :
 BNA_M
 ClientSampled :
 PB100554BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	51.9	77.9
126	7.3	9.8	14.8

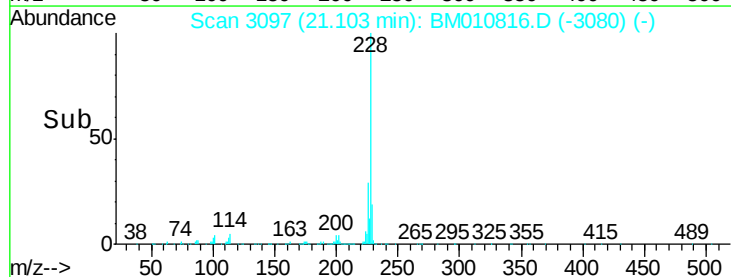
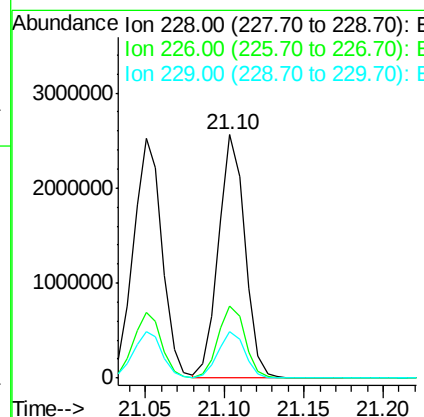
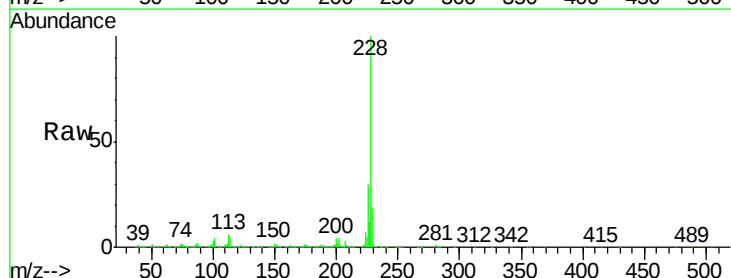
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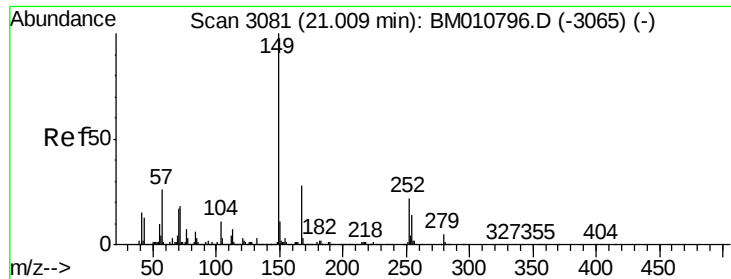
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#82
 Chrysene
 Concen: 39.381 ng
 RT: 21.10 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.2	15.5	23.3





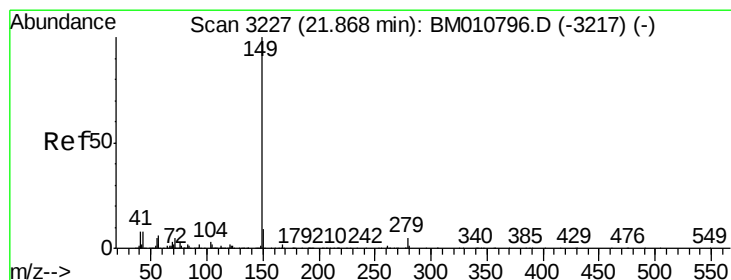
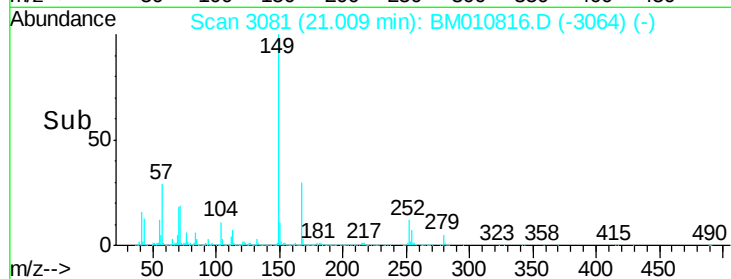
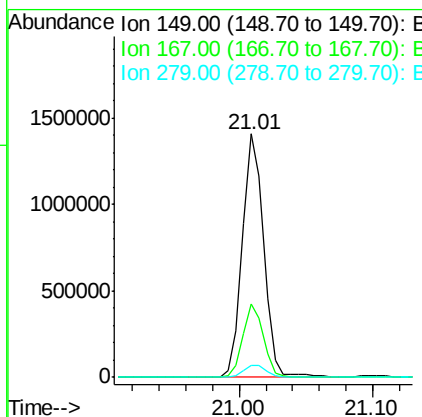
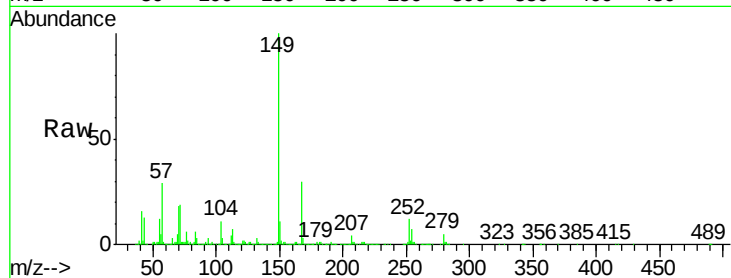
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.601 ng
 RT: 21.01 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Instrument :
 BNA_M
 ClientSampleId :
 PB100554BS

Tgt Ion:149 Resp: 1557989
 Ion Ratio Lower Upper
 149 100
 167 30.1 22.4 33.6
 279 5.0 3.4 5.0

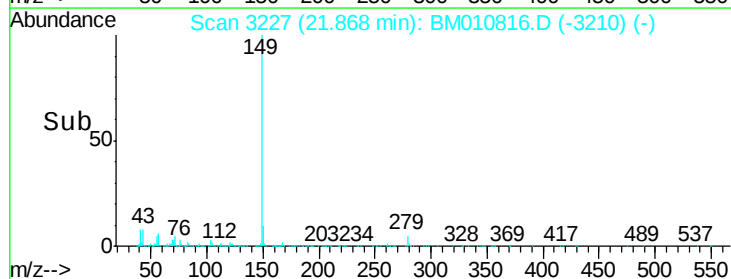
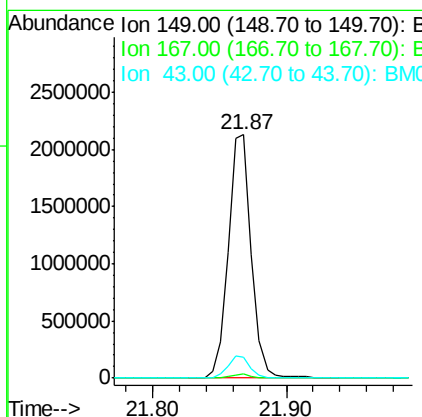
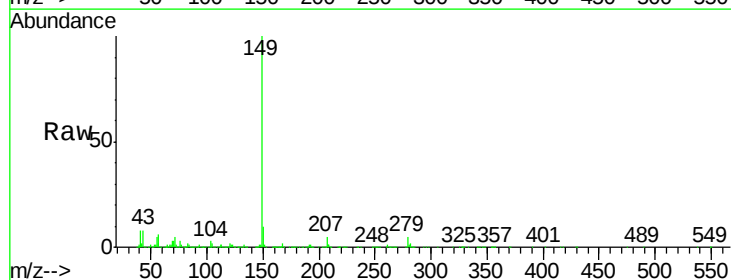
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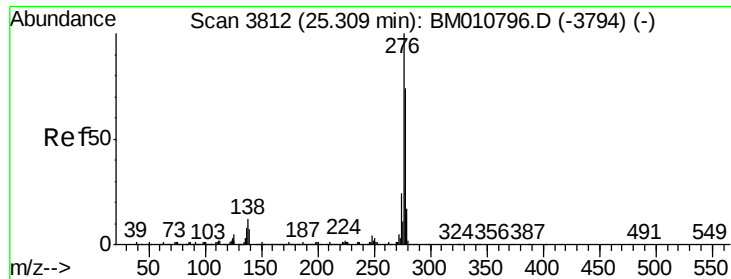
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 38.793 ng
 RT: 21.87 min Scan# 3227
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Tgt Ion:149 Resp: 2565340
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.0 7.3 10.9





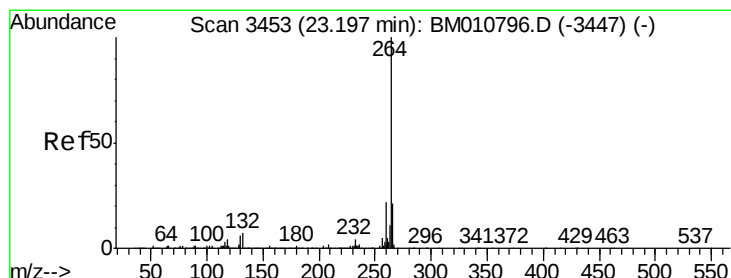
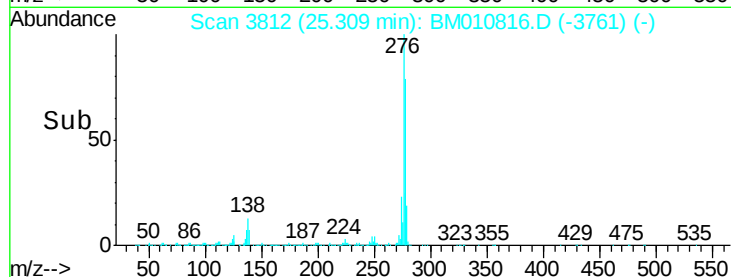
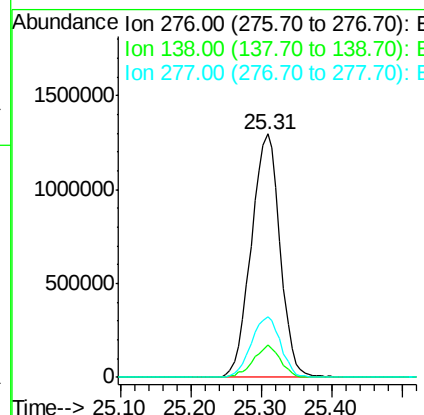
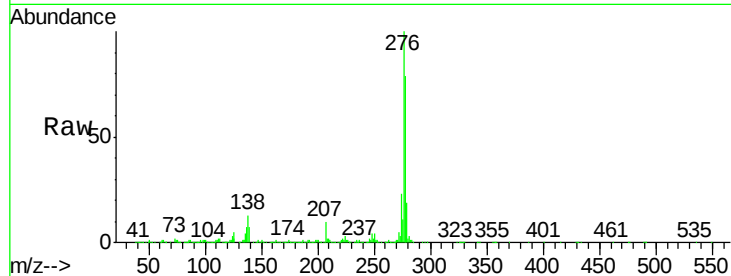
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.674 ng
 RT: 25.31 min Scan# 3812
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Instrument :
 BNA_M
 ClientSampleId :
 PB100554BS

Tgt Ion: 276 Resp: 3687571
 Ion Ratio Lower Upper
 276 100
 138 12.2 0.0 0.0#
 277 25.3 0.0 0.0#

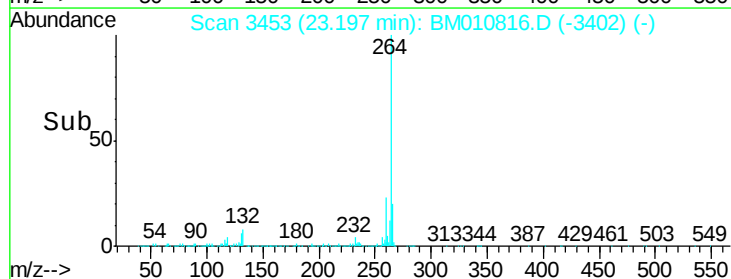
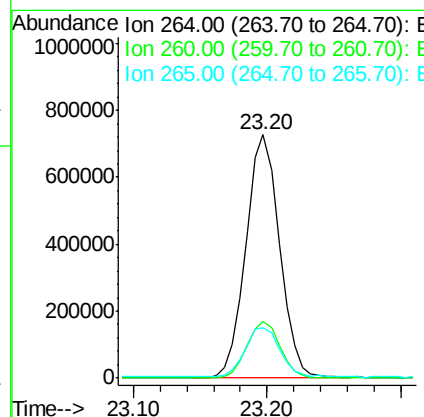
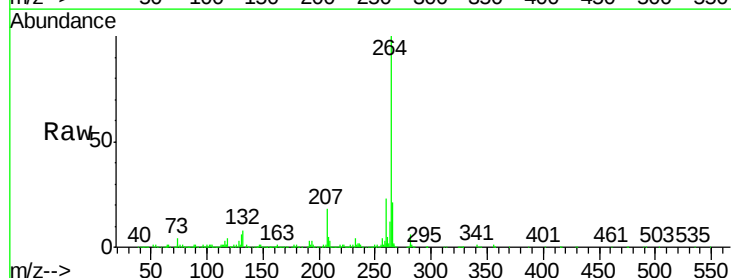
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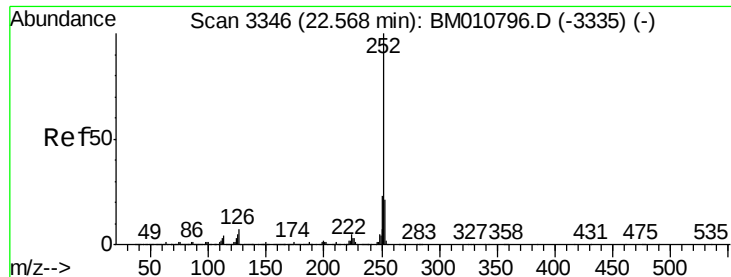
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.20 min Scan# 3453
 Delta R.T. 0.00 min
 Lab File: BM010816.D
 Acq: 13 Jul 2017 17:20

Tgt Ion: 264 Resp: 1270236
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 27.8
 265 20.6 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 40.481 ng

RT: 22.57 min Scan# 3346

Delta R.T. 0.00 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

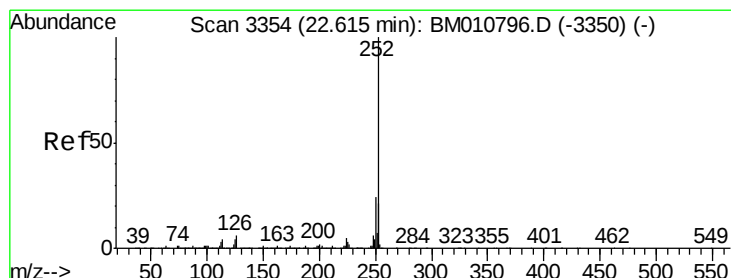
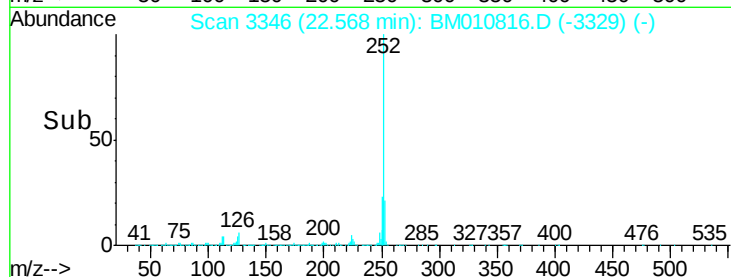
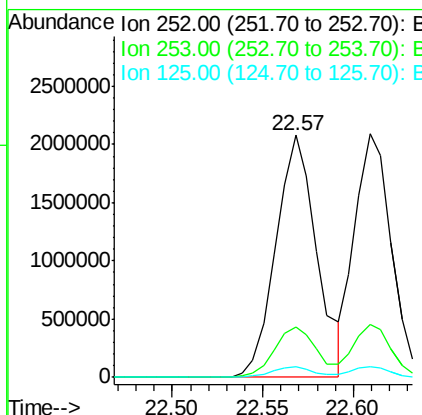
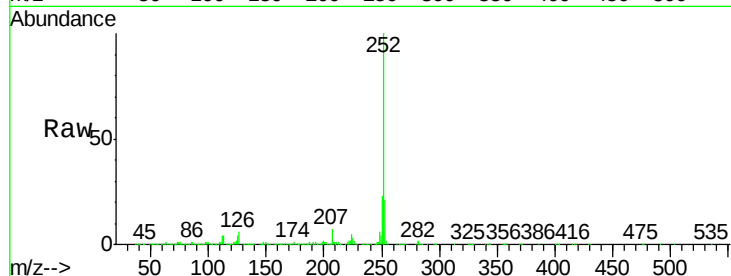
ClientSampleId :

PB100554BS

Tgt Ion:	252	Resp:	3266226
Ion Ratio	Lower	Upper	
252	100		
253	20.6	18.0	27.0
125	4.4	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 38.151 ng

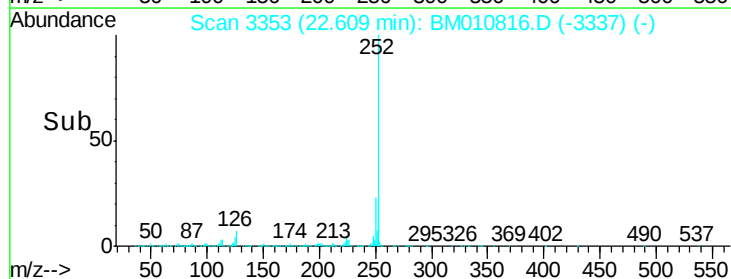
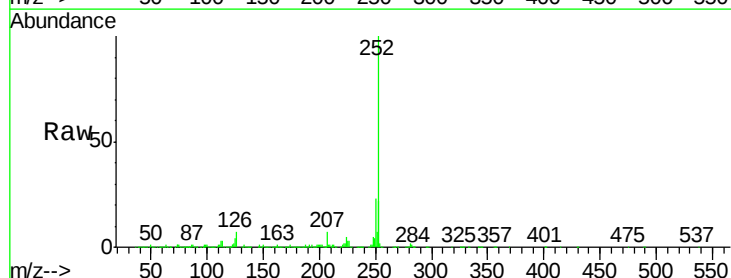
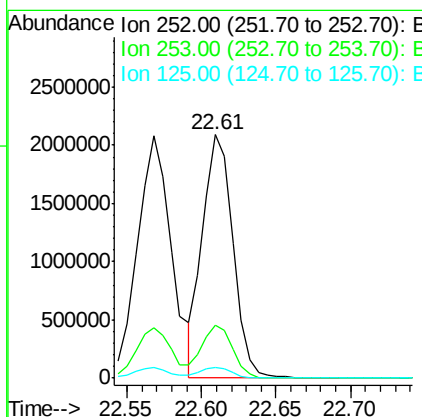
RT: 22.61 min Scan# 3353

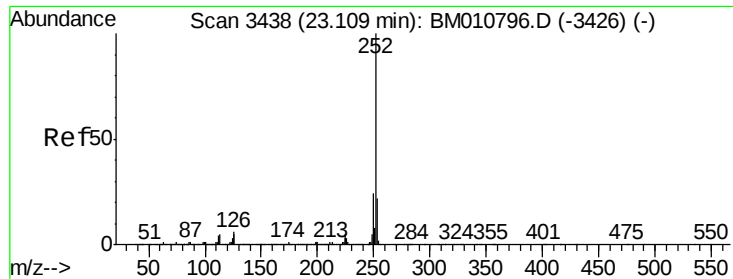
Delta R.T. -0.01 min

Lab File: BM010816.D

Acq: 13 Jul 2017 17:20

Tgt Ion:	252	Resp:	2940205
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.2	25.8
125	4.4	8.1	12.1#





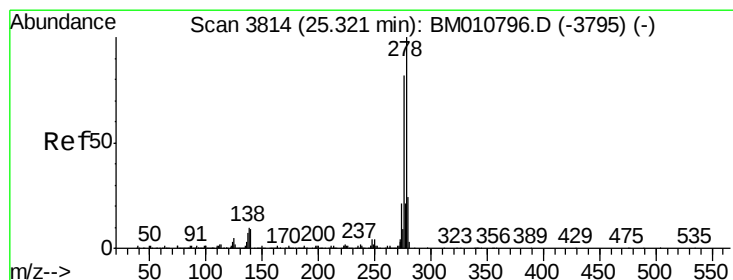
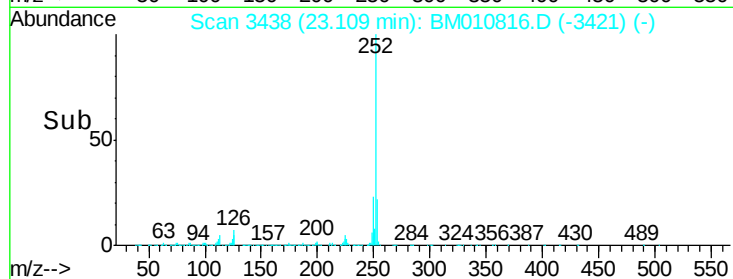
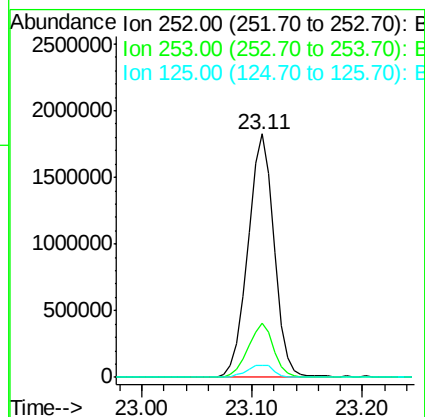
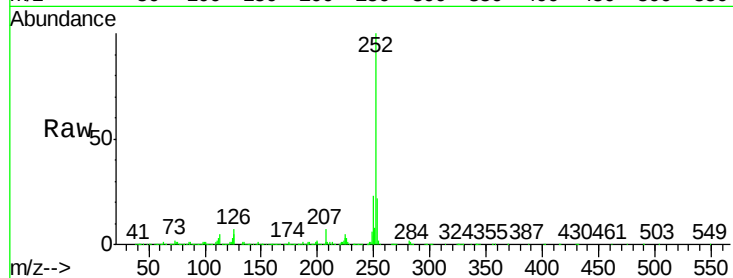
#89
Benzo(a)pyrene
Concen: 41.400 ng
RT: 23.11 min Scan# 3438
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Instrument :
BNA_M
ClientSampleId :
PB100554BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	4.8	7.4	11.2

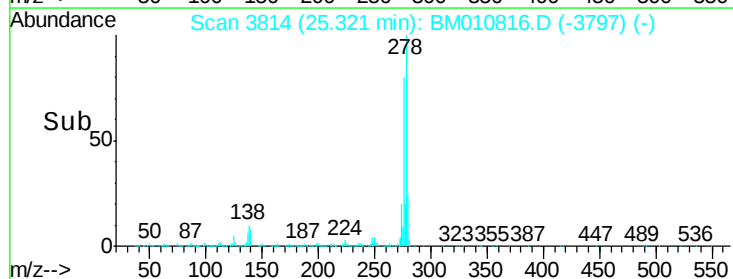
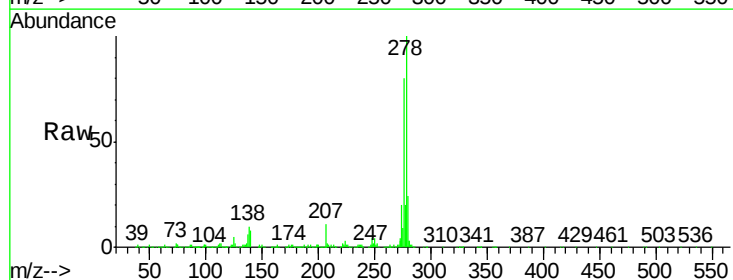
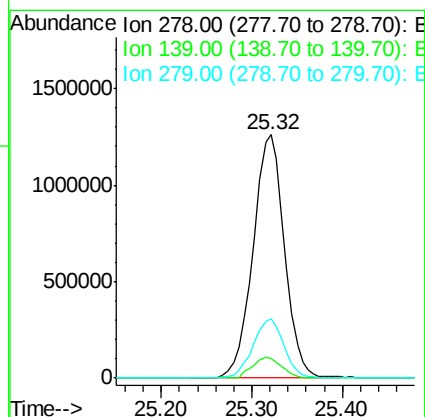
Manual Integrations
APPROVED

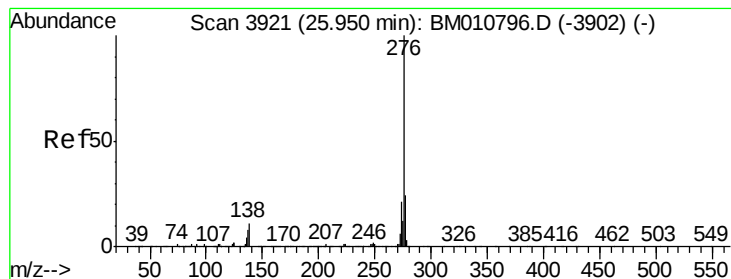
mohammad
7/17/2017 8:13:18 AM



#90
Dibenzo(a,h)anthracene
Concen: 42.548 ng
RT: 25.32 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BM010816.D
Acq: 13 Jul 2017 17:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.8	13.4	20.0
279	24.3	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 43.782 ng

RT: 25.95 min Scan# 3921

Delta R.T. 0.00 min

Lab File: BM010816.D

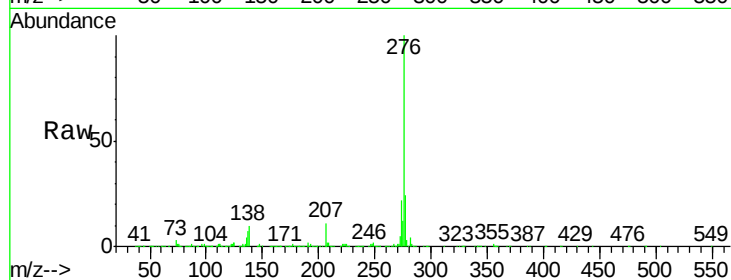
Acq: 13 Jul 2017 17:20

Instrument :

BNA_M

ClientSampleId :

PB100554BS



Tgt Ion: 276 Resp: 3067876

Ion Ratio Lower Upper

276 100

277 23.9 18.5 27.7

138 10.5 19.0 28.6#

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