

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009505.D
 Acq On : 03 Apr 2017 18:05
 Operator : SJ/MA
 Sample : I2488-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

Manual Integrations
 APPROVED

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 4/4/2017 5:33:21 PM

Quant Time: Apr 04 03:30:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	118625	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	483750	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	287031	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	679284	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	918774	20.00	ng	-0.01
86) Perylene-d12	23.74	264	842470	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1007928	141.63	ng	-0.01
7) Phenol-d6	7.01	99	1371708	141.34	ng	-0.01
23) Nitrobenzene-d5	9.01	82	1116929	86.57	ng	-0.02
41) 2,4,6-Tribromophenol	15.99	330	576334	161.63	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2039748	85.63	ng	-0.01
78) Terphenyl-d14	19.86	244	3498396	79.57	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	114707	32.05	ng	# 100
3) Pyridine	3.76	79	284105	28.09	ng	# 85
4) n-Nitrosodimethylamine	3.67	42	233326	43.34	ng	# 63
6) Aniline	7.18	93	341231	25.87	ng	# 91
8) 2-Chlorophenol	7.41	128	359226	49.78	ng	# 81
9) Benzaldehyde	6.99	77	261897	34.29	ng	# 86
10) Phenol	7.04	94	476232	45.29	ng	# 87
11) bis(2-Chloroethyl)ether	7.27	93	393384	45.64	ng	# 87
12) 1,3-Dichlorobenzene	7.73	146	349398	40.44	ng	# 87
13) 1,4-Dichlorobenzene	7.88	146	364120	40.79	ng	# 93
14) 1,2-Dichlorobenzene	8.20	146	364105	42.00	ng	# 93
15) Benzyl Alcohol	8.09	79	440551	51.92	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.37	45	657146	43.86	ng	# 95
17) 2-Methylphenol	8.28	107	332811	48.37	ng	# 86
18) Hexachloroethane	8.92	117	149141	40.84	ng	# 93
19) n-Nitroso-di-n-propylamine	8.65	70	391578	50.05	ng	# 93
20) 3+4-Methylphenols	8.61	107	447744	47.86	ng	# 92
22) Acetophenone	8.67	105	625839	45.87	ng	# 88
24) Nitrobenzene	9.06	77	571509	45.21	ng	# 92
25) Isophorone	9.57	82	968771	49.22	ng	# 88
26) 2-Nitrophenol	9.76	139	190108	49.87	ng	# 47
27) 2,4-Dimethylphenol	9.82	122	348867	50.02	ng	# 82
28) bis(2-Chloroethoxy)methane	10.05	93	556210	45.64	ng	# 99
29) 2,4-Dichlorophenol	10.29	162	361906	49.64	ng	# 94
30) 1,2,4-Trichlorobenzene	10.50	180	394902	43.65	ng	# 97
31) Naphthalene	10.69	128	1158705	45.13	ng	# 99
32) Benzoic acid	9.93	122	158796	33.16	ng	# 69
33) 4-Chloroaniline	10.81	127	170587	17.22	ng	# 79
34) Hexachlorobutadiene	10.96	225	251615	40.62	ng	# 97
35) Caprolactam	11.60	113	95647m	42.97	ng	# 81
36) 4-Chloro-3-methylphenol	11.93	107	421083	51.05	ng	# 94
37) 2-Methylnaphthalene	12.30	142	839379	47.36	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	467394	43.13	ng	# 96
40) Hexachlorocyclopentadiene	12.65	237	509308	81.89	ng	# 96

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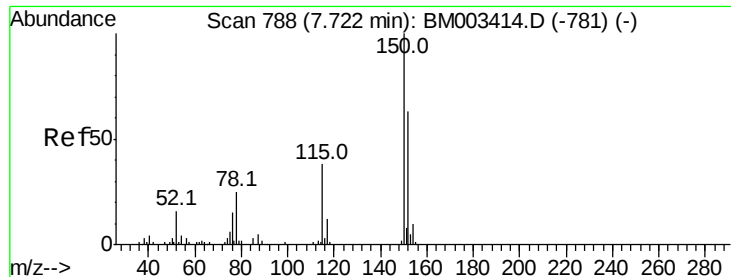
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	313653	50.62	nq	97
43) 2,4,5-Trichlorophenol	12.98	196	327619	47.39	nq	# 85
45) 1,1'-Biphenyl	13.32	154	1123940	47.05	nq	98
46) 2-Chloronaphthalene	13.36	162	883836	47.63	nq	95
47) 2-Nitroaniline	13.57	65	362307	53.00	nq	# 66
48) Acenaphthylene	14.21	152	1417712	46.91	nq	99
49) Dimethylphthalate	13.94	163	1131936	51.36	nq	# 99
50) 2,6-Dinitrotoluene	14.07	165	238363	50.19	nq	# 69
51) Acenaphthene	14.56	154	868242	47.62	nq	99
52) 3-Nitroaniline	14.40	138	171815	36.72	nq	# 60
53) 2,4-Dinitrophenol	14.61	184	192075	61.34	nq	92
54) Dibenzofuran	14.89	168	1427154	52.92	nq	97
55) 4-Nitrophenol	14.70	139	382777	98.98	nq	# 14
56) 2,4-Dinitrotoluene	14.86	165	355469	55.32	nq	# 93
57) Fluorene	15.54	166	1164080	48.03	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	313697	53.65	nq	# 100
59) Diethylphthalate	15.31	149	1178828	52.73	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	600380	47.44	nq	100
61) 4-Nitroaniline	15.57	138	268224	52.78	nq	# 35
62) Azobenzene	15.83	77	1489316	57.06	nq	87
64) 4,6-Dinitro-2-methylphenol	15.62	198	170082	39.74	nq	89
65) n-Nitrosodiphenylamine	15.75	169	1001173	48.52	nq	100
66) 4-Bromophenyl-phenylether	16.43	248	382311	48.58	nq	# 92
67) Hexachlorobenzene	16.54	284	409506	47.47	nq	# 89
68) Atrazine	16.70	200	368768	47.52	nq	98
69) Pentachlorophenol	16.89	266	483931	91.83	nq	98
70) Phenanthrene	17.28	178	1913584	49.26	nq	100
71) Anthracene	17.37	178	1937140	49.26	nq	99
72) Carbazole	17.64	167	1782421	47.33	nq	99
73) Di-n-butylphthalate	18.19	149	2098876	54.56	nq	# 97
74) Fluoranthene	19.30	202	2366620	51.44	nq	98
76) Benzidine	19.49	184	746078	27.25	nq	99
77) Pyrene	19.66	202	2457194	47.16	nq	99
79) Butylbenzylphthalate	20.54	149	1005697	53.60	nq	# 75
80) Benzo(a)anthracene	21.40	228	2602864	48.51	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	661471	32.92	nq	# 98
82) Chrysene	21.46	228	2355700	45.98	nq	98
83) Bis(2-ethylhexyl)phthalate	21.31	149	1484212	53.00	nq	96
84) Di-n-octyl phthalate	22.21	149	2581292	55.39	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2808043	50.25	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	2558367	47.91	nq	# 95
88) Benzo(k)fluoranthene	23.09	252	2546229	49.58	nq	# 98
89) Benzo(a)pyrene	23.64	252	2448804	49.52	nq	99
90) Dibenzo(a,h)anthracene	26.12	278	2379688	49.12	nq	97
91) Benzo(g,h,i)perylene	26.84	276	2266964	48.00	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MSD

Tot Ion:152 Resp: 118625

Ion Ratio Lower Upper

152 100

150 158.6 119.5 179.3

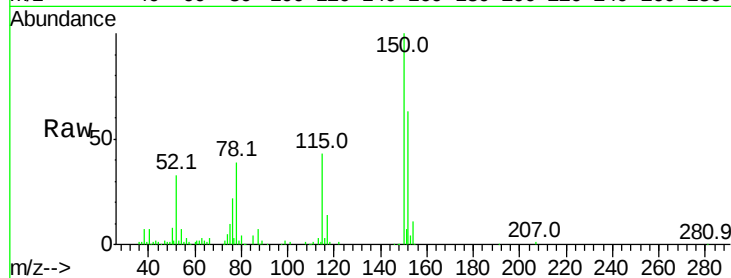
115 68.2 43.0 64.4#

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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

150000

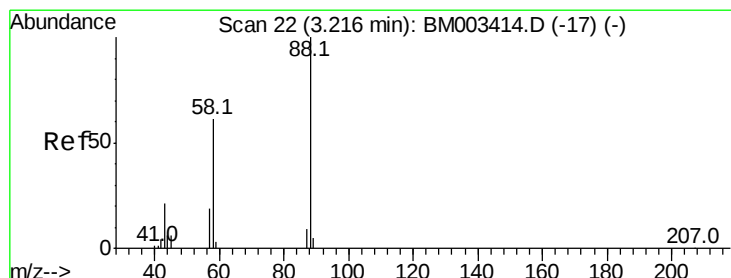
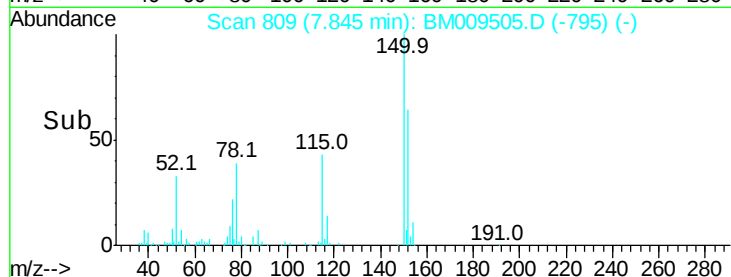
100000

50000

0

7.80 7.85 7.90

Time-->



#2

1,4-Dioxane

Concen: 32.05 ng

RT: 3.36 min Scan# 47

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

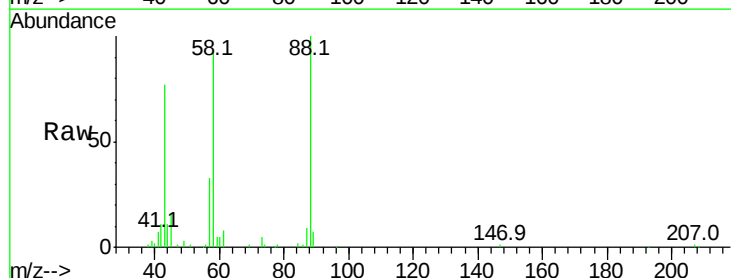
Tgt Ion: 88 Resp: 114707

Ion Ratio Lower Upper

88 100

58 86.5 0.0 0.0#

43 68.9 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

120000

100000

80000

60000

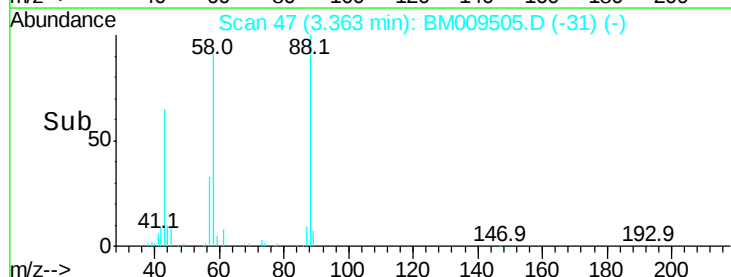
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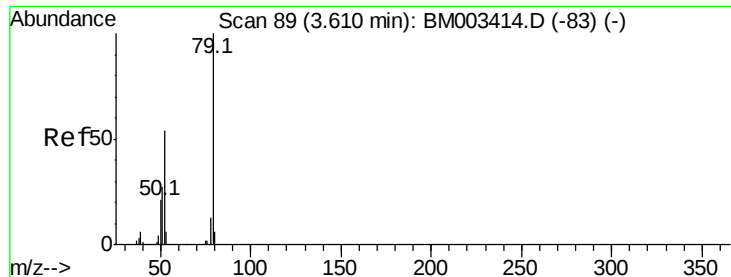
20000

0

3.30 3.35 3.40 3.45

Time-->





#3

Pvridine

Concen: 28.09 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.00 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Instrument :

BNA_M

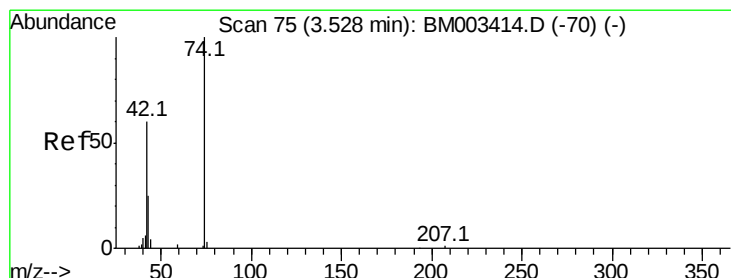
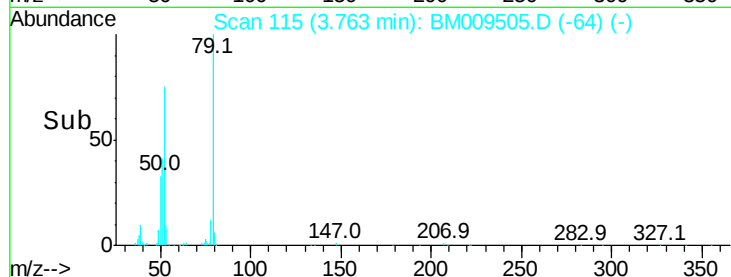
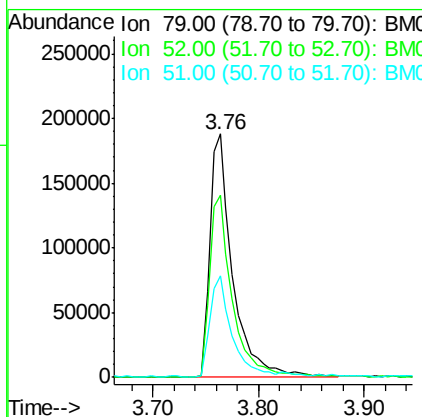
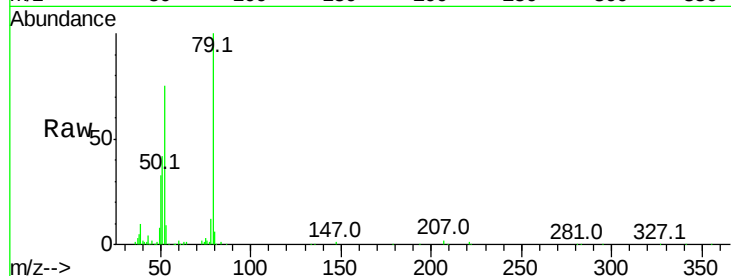
ClientSampleId :

WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.0	51.1	76.7
51	41.9	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 43.34 ng

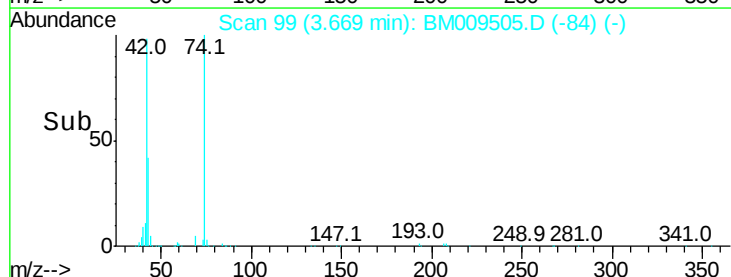
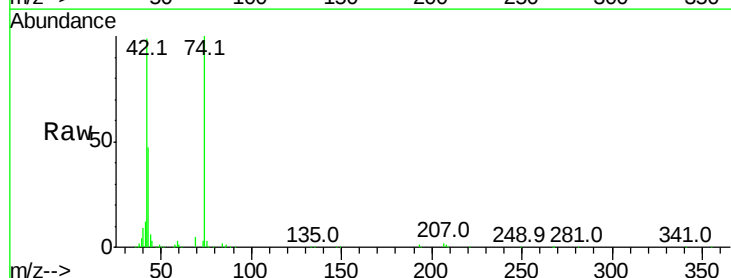
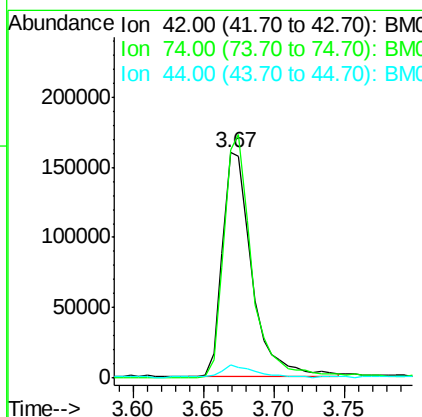
RT: 3.67 min Scan# 99

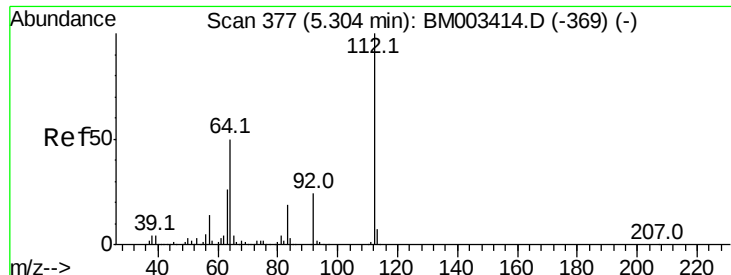
Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.9	119.3	178.9
44	5.7	5.4	8.2





#5

2-Fluorophenol

Concen: 141.63 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MSD

Tot Ion:112 Resp: 1007928

Ion Ratio Lower Upper

112 100

64 75.8 38.6 57.8#

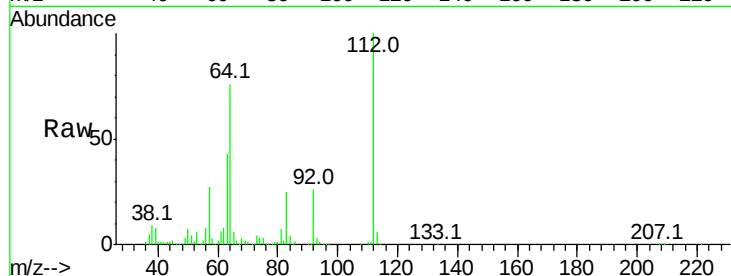
63 42.8 19.3 28.9#

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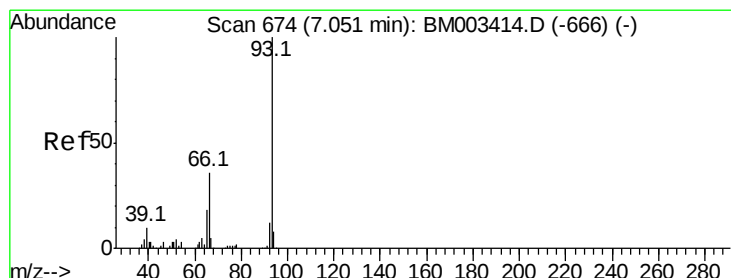
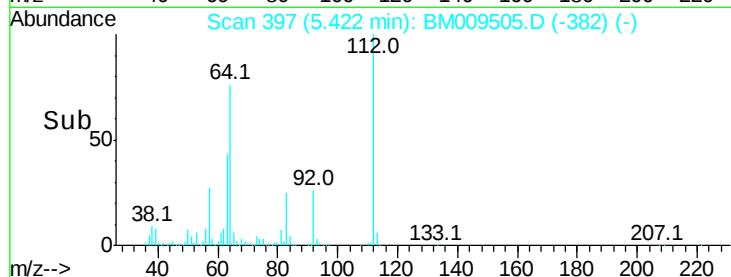
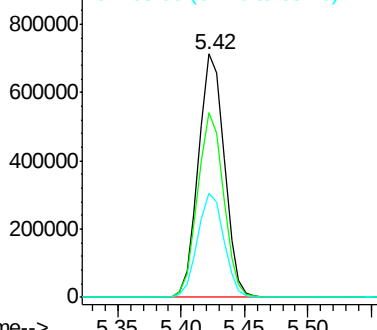
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 25.87 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

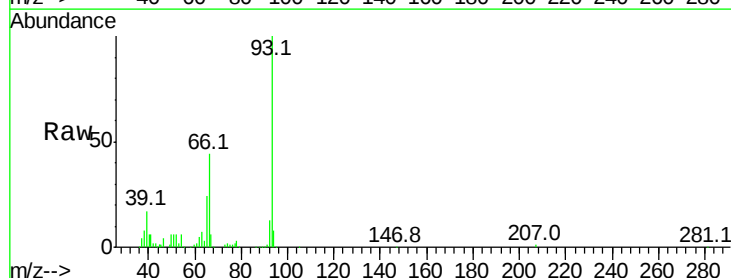
Tgt Ion: 93 Resp: 341231

Ion Ratio Lower Upper

93 100

66 44.2 30.8 46.2

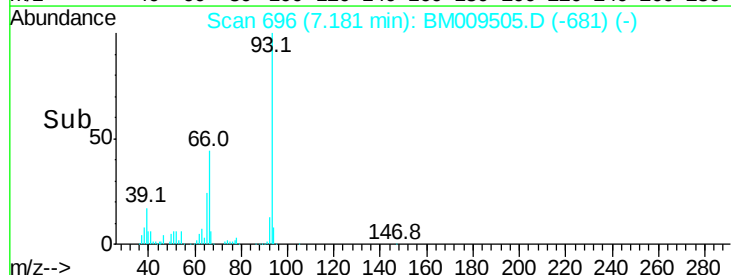
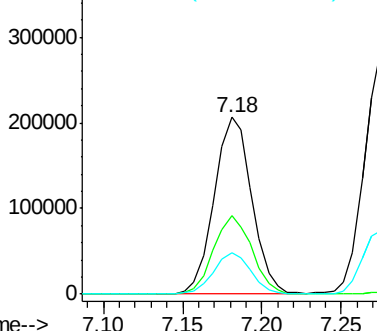
65 23.6 16.0 24.0

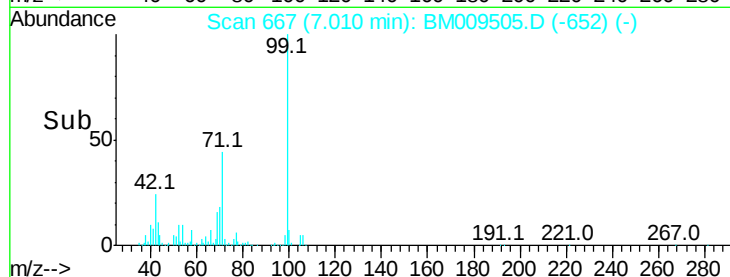
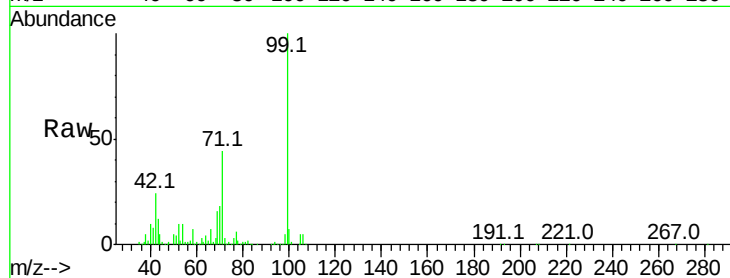
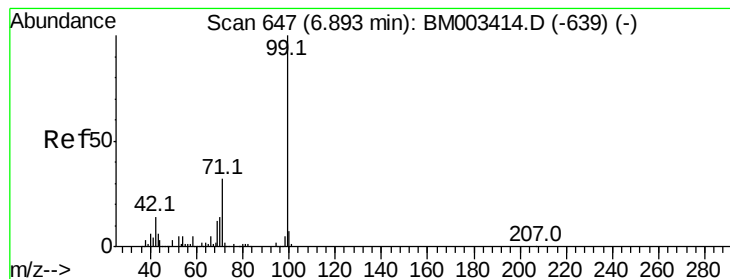


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 141.34 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Tot Ion: 99 Resp: 1371708

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

71 44.2 23.4 35.2#

Instrument :

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ClientSampleId :

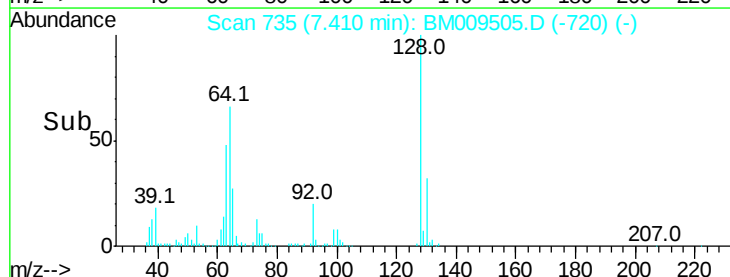
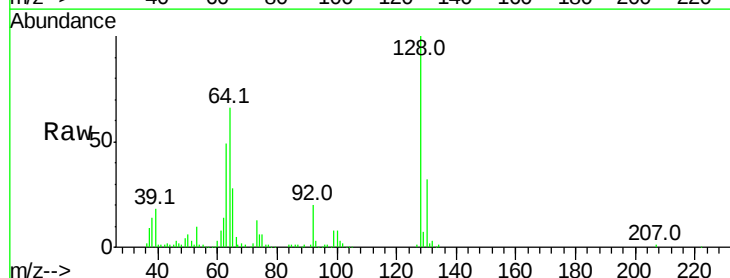
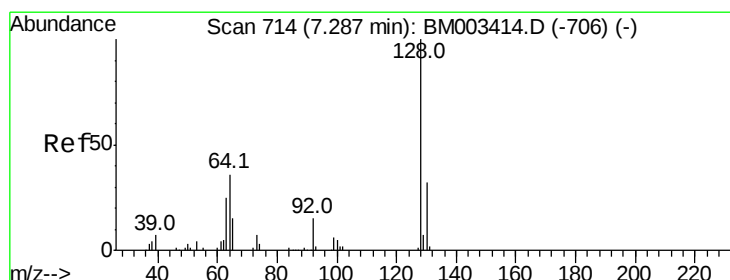
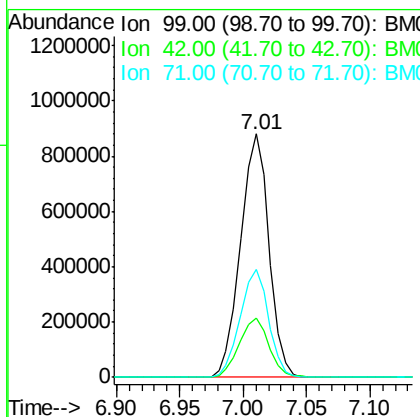
WC-COMP-13MSD

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#8

2-Chlorophenol

Concen: 49.78 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

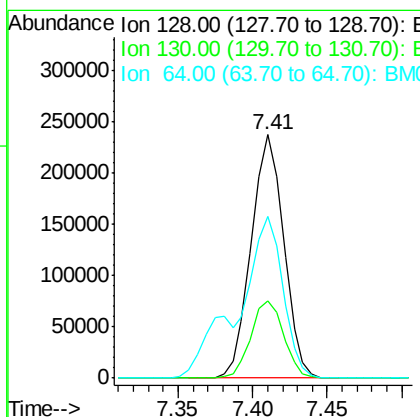
Tgt Ion:128 Resp: 359226

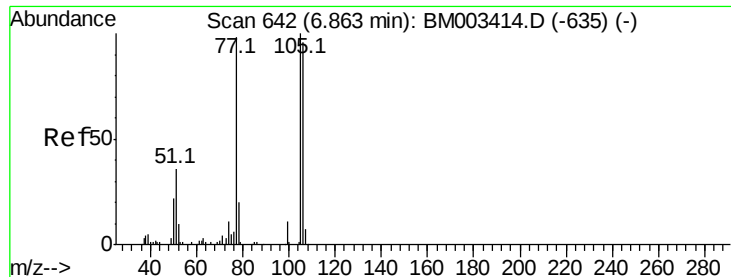
Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

64 66.4 24.9 64.9#





#9

Benzaldehyde

Concen: 34.29 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.02 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Instrument :

BNA_M

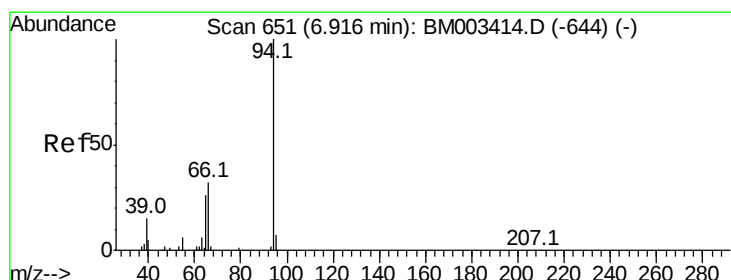
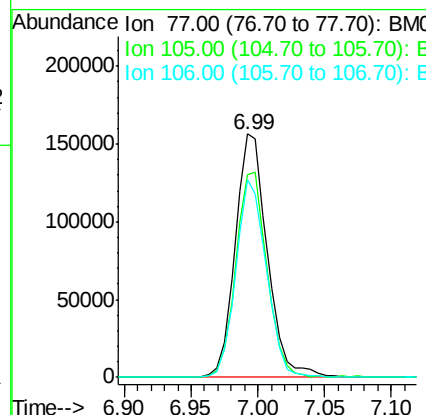
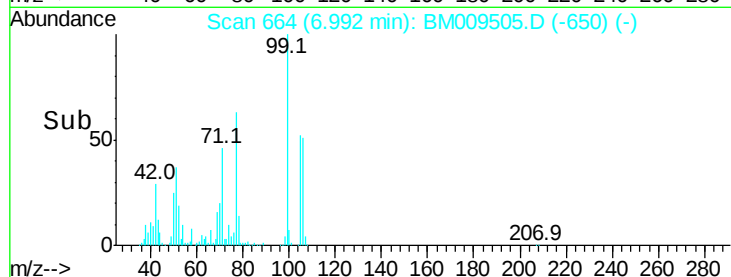
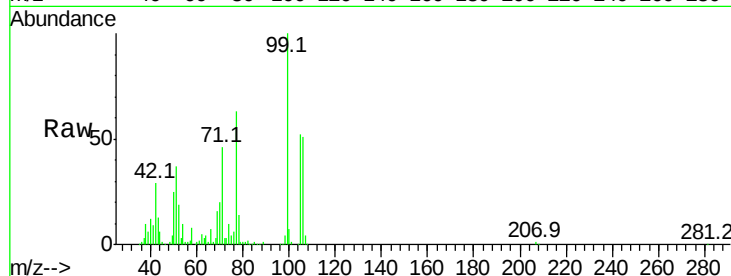
ClientSampleId :

WC-COMP-13MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		261897		
105	83.1	78.8	118.8		
106	81.3	73.7	113.7		

Manual Integrations
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#10

Phenol

Concen: 45.29 ng

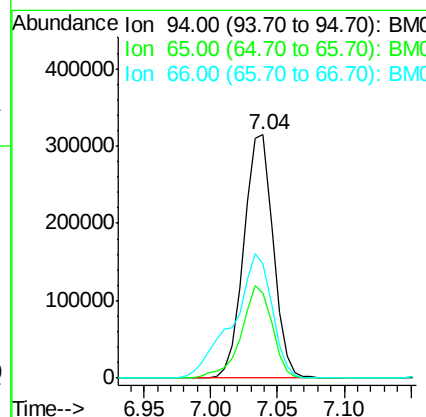
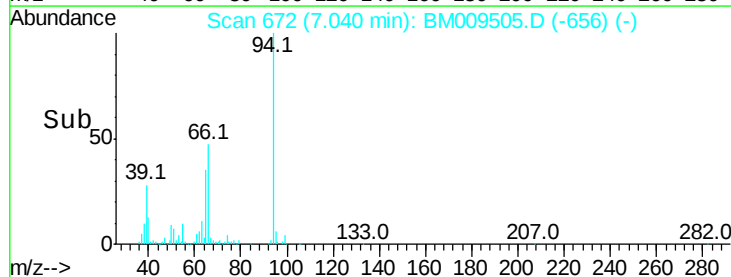
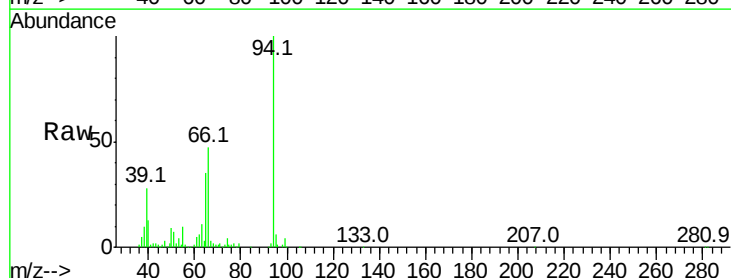
RT: 7.04 min Scan# 672

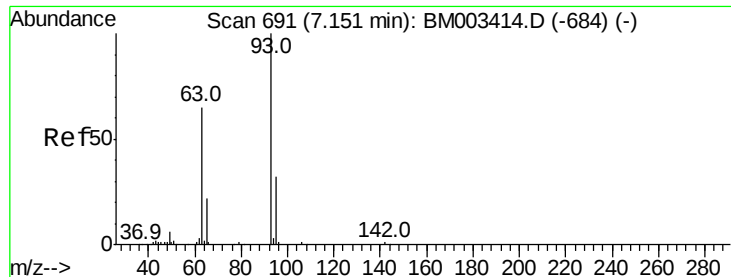
Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		476232		
65	34.8	18.8	58.8		
66	46.8	39.9	79.9		





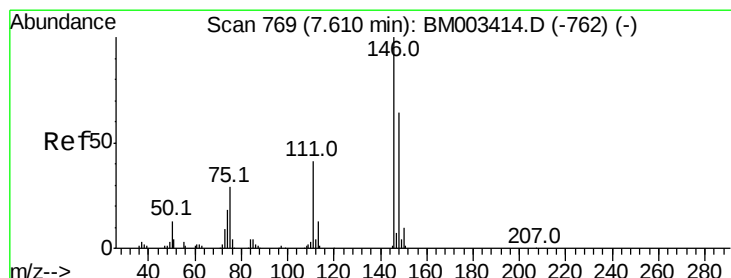
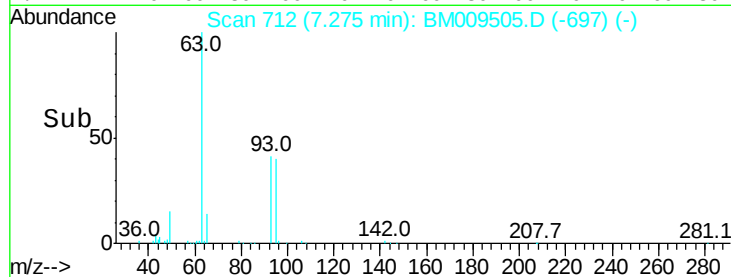
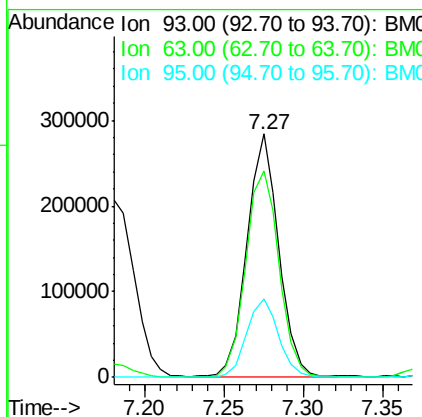
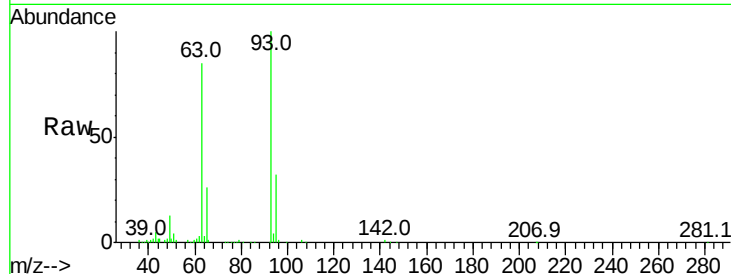
#11
bis(2-Chloroethyl)ether
Concen: 45.64 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion:	93	Resp:	393384
Ion Ratio	Lower	Upper	
93	100		
63	84.8	49.5	89.5
95	32.1	13.5	53.5

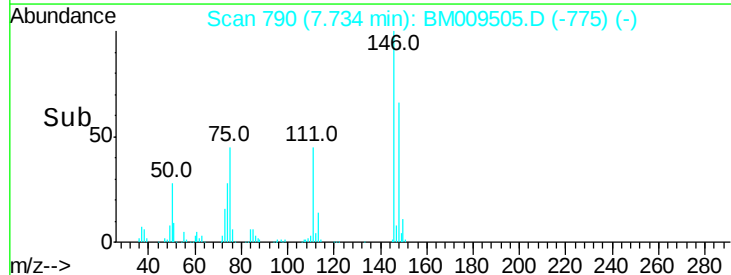
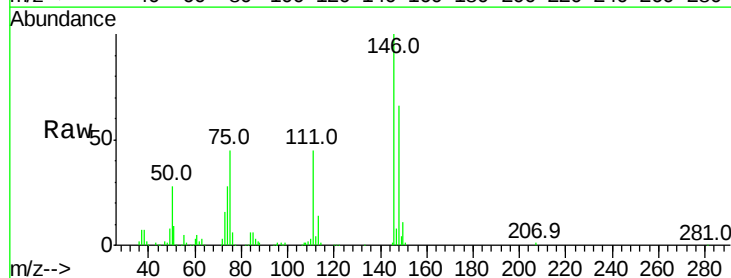
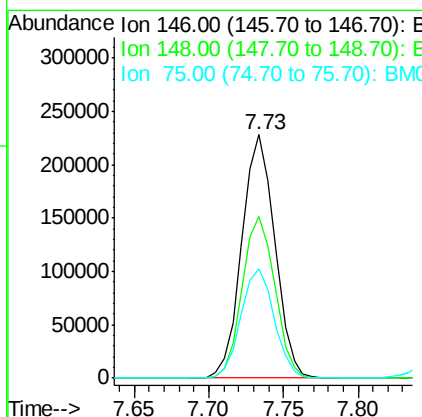
Manual Integrations
APPROVED

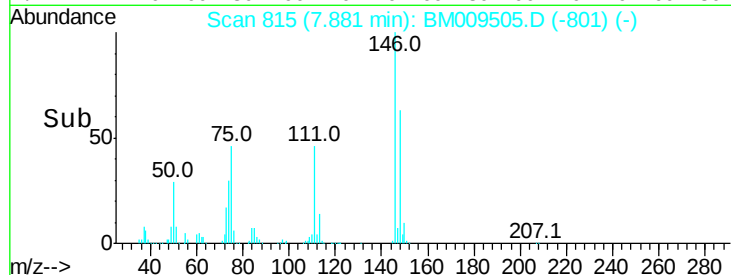
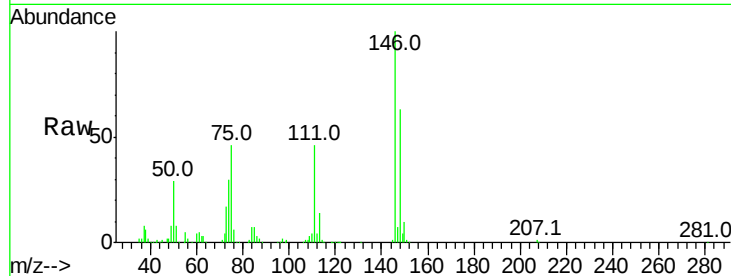
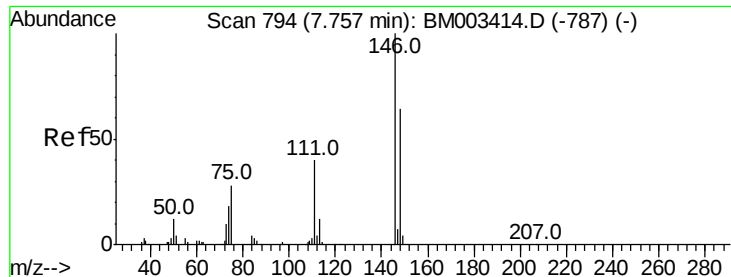
mohammad
4/4/2017 5:33:21 PM



#12
1,3-Dichlorobenzene
Concen: 40.44 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion:	146	Resp:	349398
Ion Ratio	Lower	Upper	
146	100		
148	66.2	50.9	76.3
75	44.6	21.4	32.2#





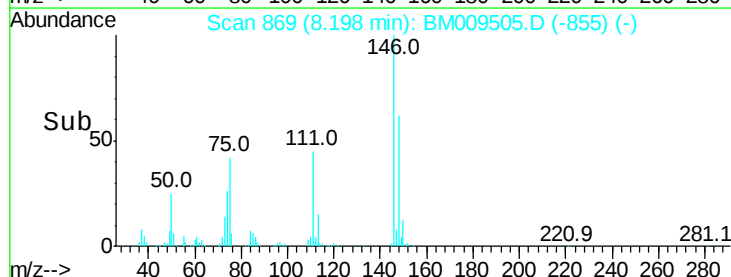
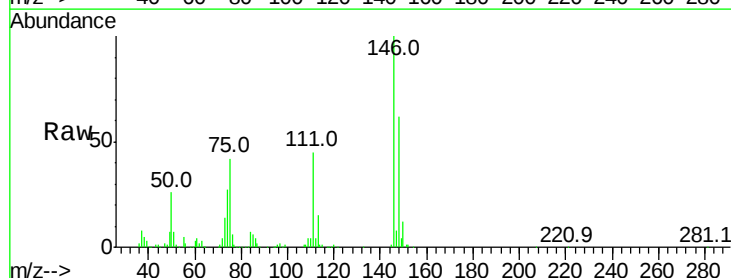
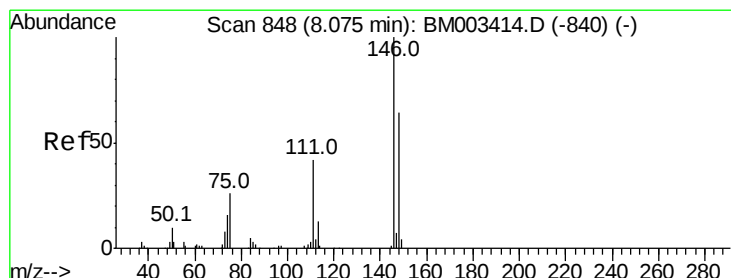
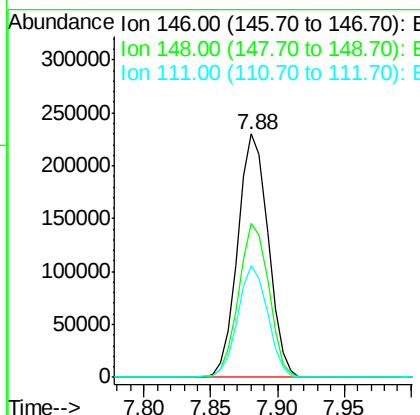
#13
1,4-Dichlorobenzene
Concen: 40.79 ng
RT: 7.88 min Scan# 815
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
111	45.7	29.2	43.8

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

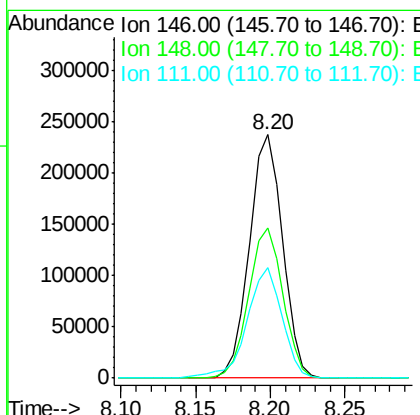
Manual Integrations
APPROVED

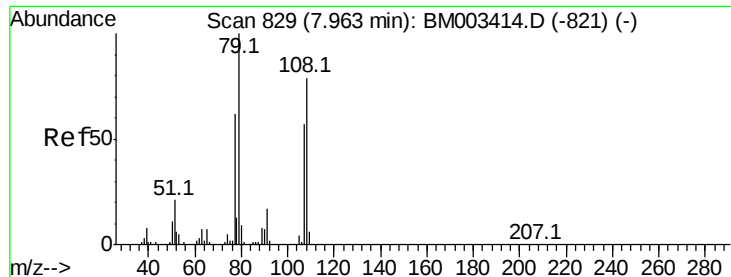
mohammad
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#14
1,2-Dichlorobenzene
Concen: 42.00 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.3	78.5
111	45.5	30.6	45.8





#15

Benzyl Alcohol

Concen: 51.92 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Instrument :

BNA_M

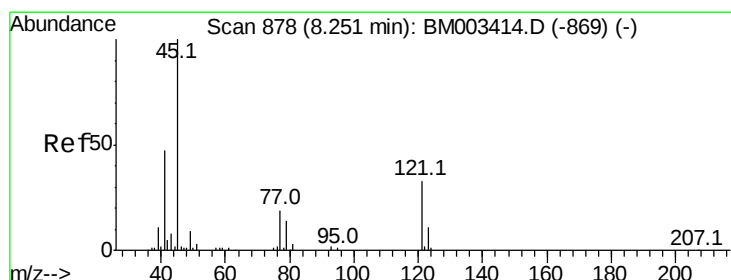
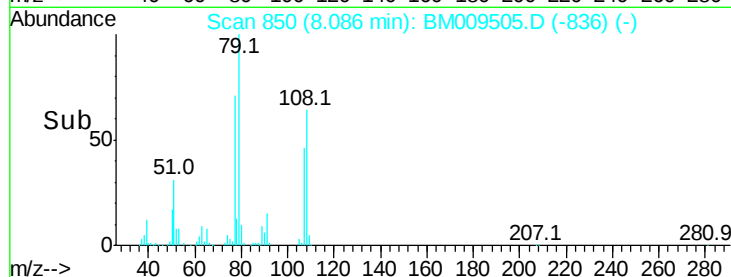
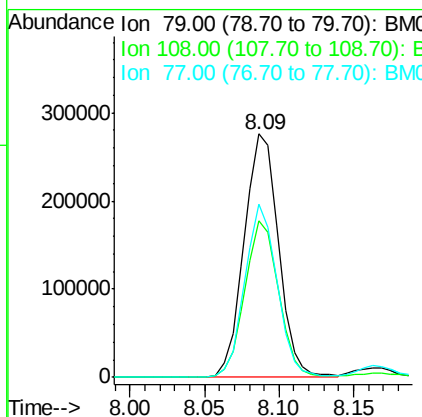
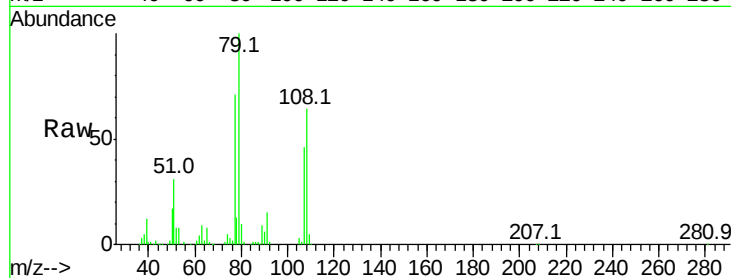
ClientSampleId :

WC-COMP-13MSD

Tot Ion:	79	Resp:	440551
Ion Ratio	Lower	Upper	
79	100		
108	64.3	65.0	97.4#
77	71.3	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.86 ng

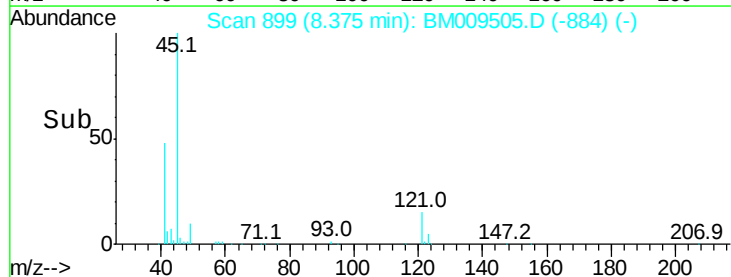
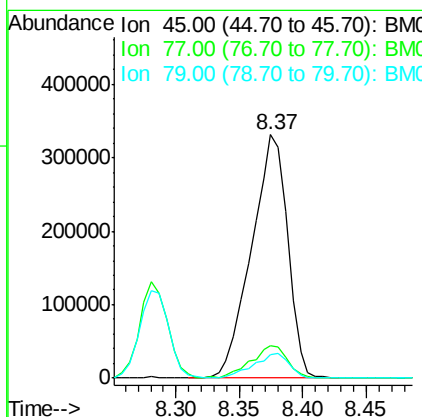
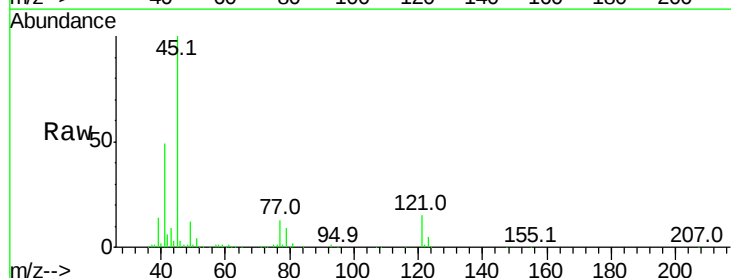
RT: 8.37 min Scan# 899

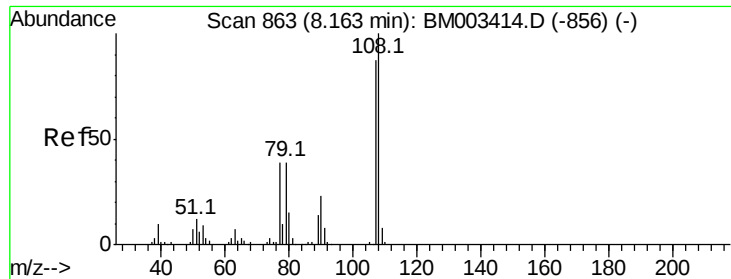
Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Tgt Ion:	45	Resp:	657146
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	35.2
79	9.5	0.0	32.0





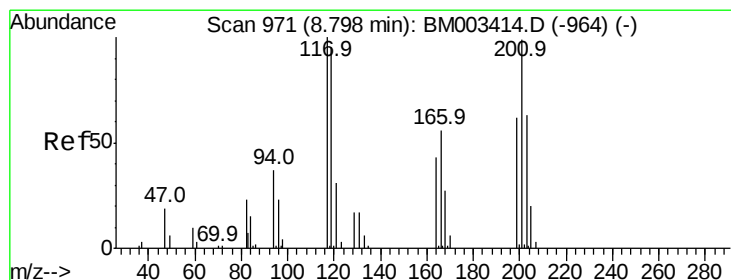
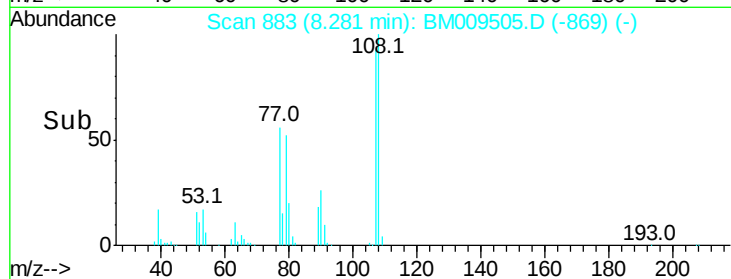
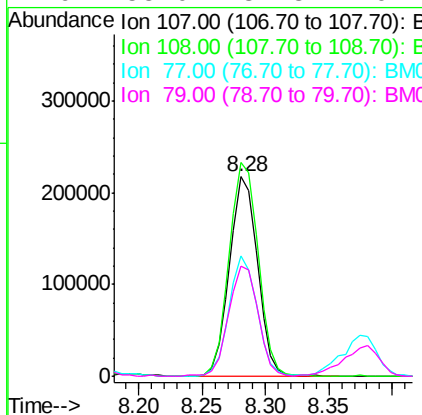
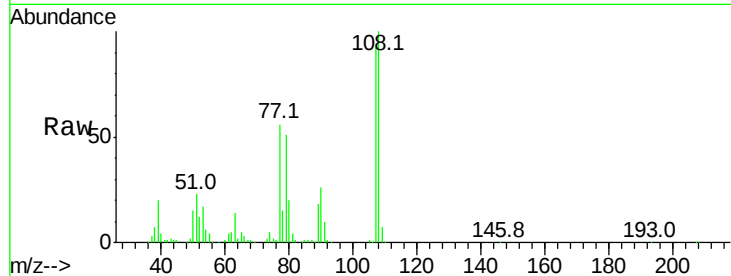
#17
2-Methylphenol
Concen: 48.37 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.2	89.8	134.8	
77	60.5	32.6	48.8#	
79	55.0	32.8	49.2#	

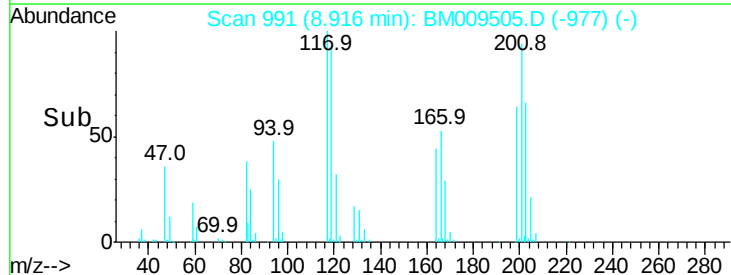
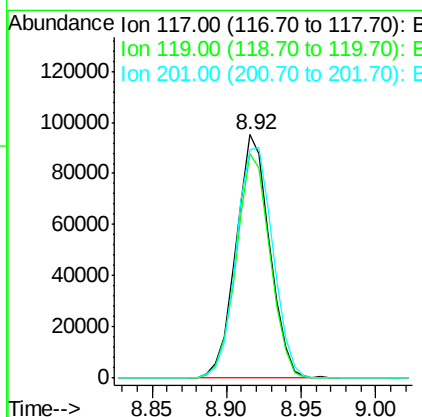
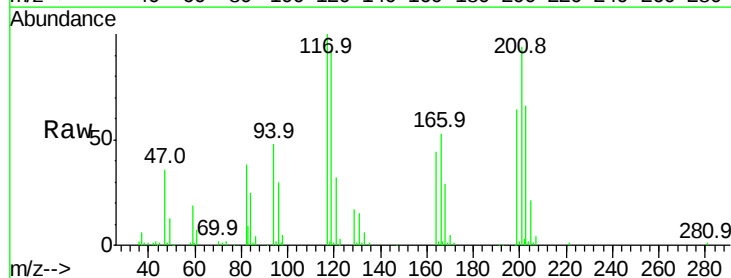
Manual Integrations
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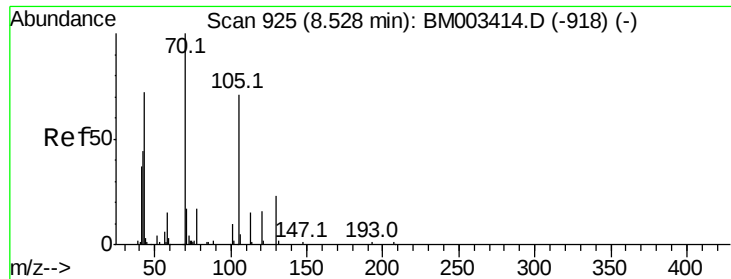
mohammad
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#18
Hexachloroethane
Concen: 40.84 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.3	79.2	118.8	
201	93.9	69.8	104.6	





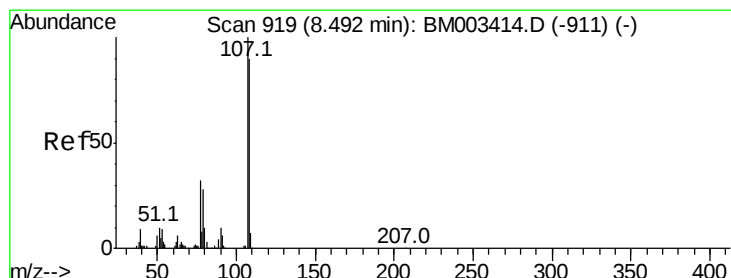
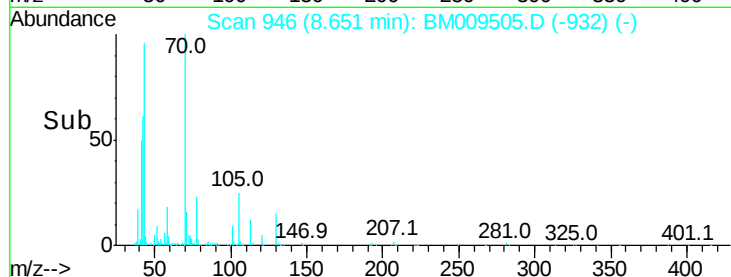
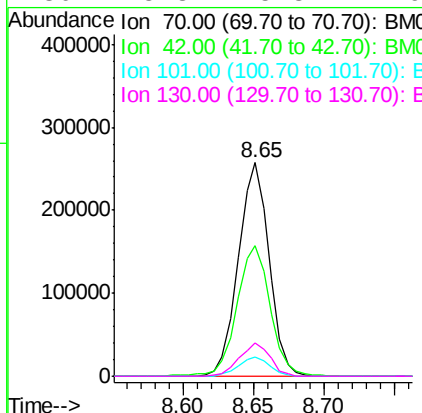
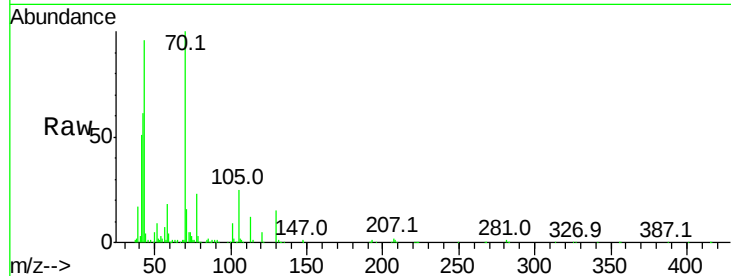
#19
n-Nitroso-di-n-propylamine
Concen: 50.05 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.0	44.5	66.7
101	8.9	7.4	11.2
130	15.3	15.3	22.9

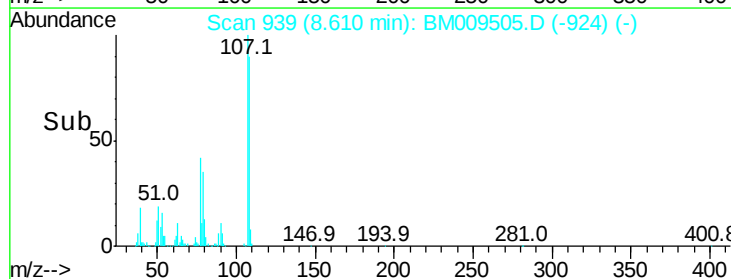
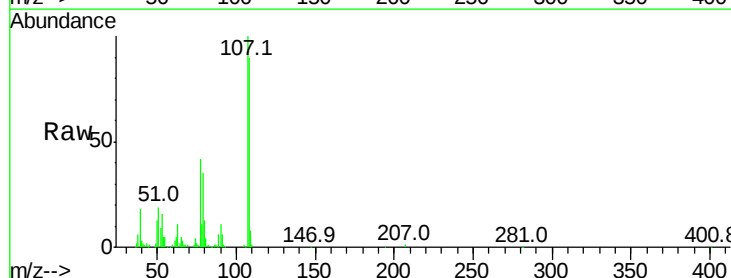
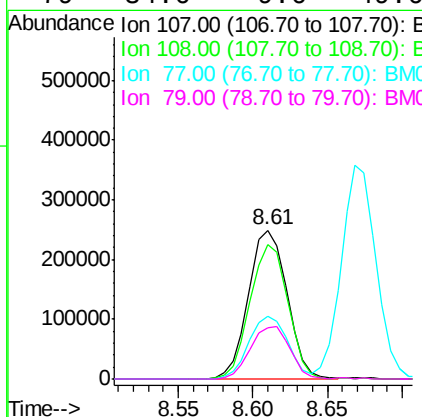
Manual Integrations
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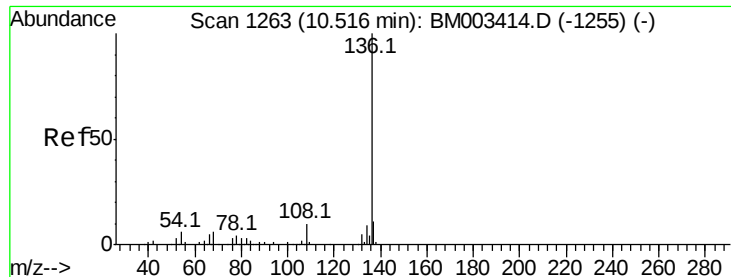
mohammad
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#20
3+4-Methylphenols
Concen: 47.86 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	73.2	113.2
77	41.8	10.7	50.7
79	34.6	9.6	49.6





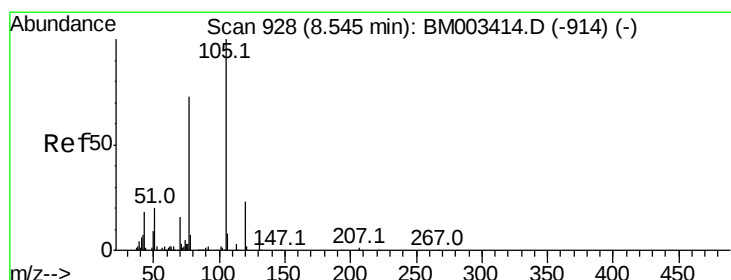
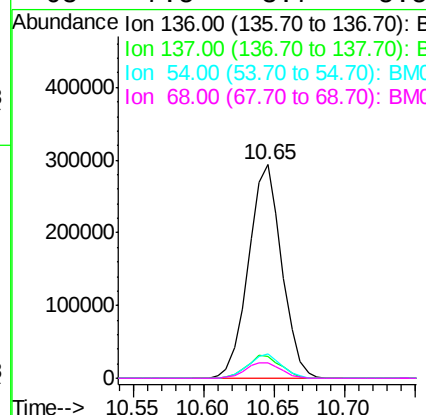
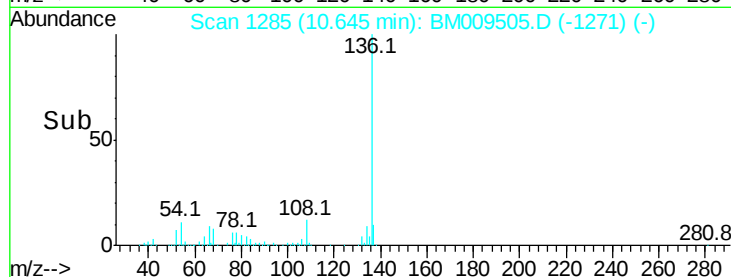
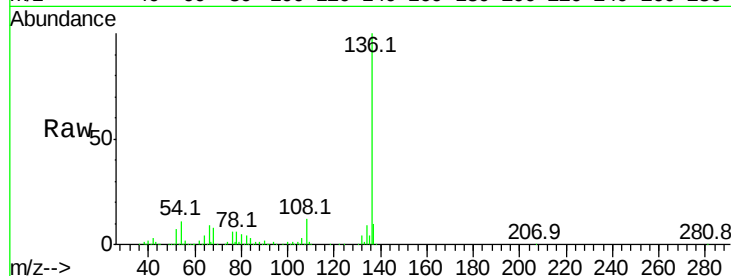
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	9.9	8.7	13.1	
54	11.5	4.6	6.8#	
68	7.5	3.7	5.5#	

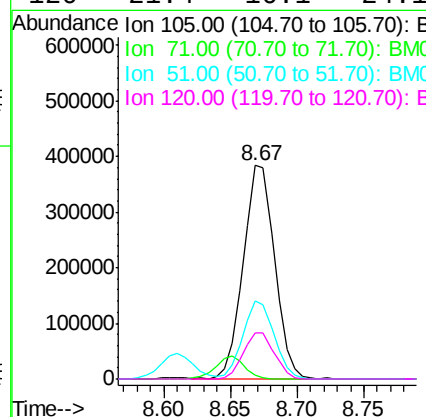
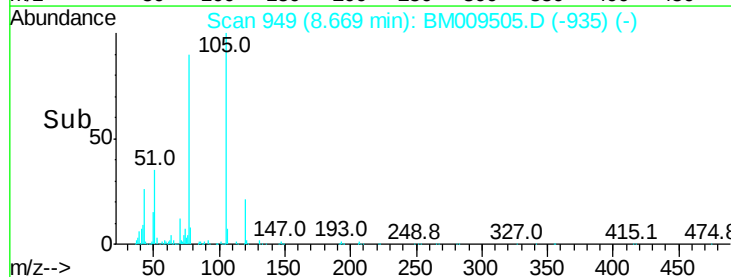
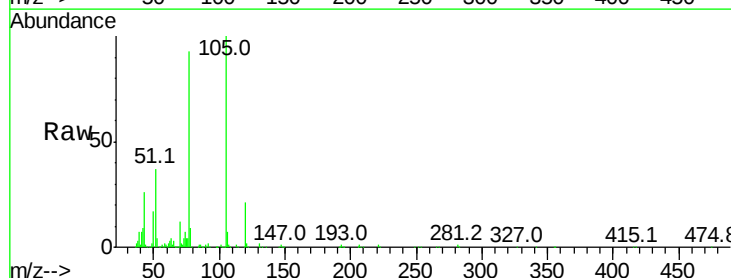
Manual Integrations
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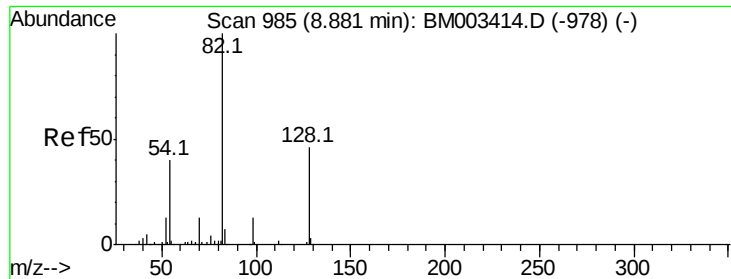
mohammad
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#22
Acetophenone
Concen: 45.87 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.0	0.6	1.0#	
51	36.8	21.6	32.4#	
120	21.4	16.1	24.1	





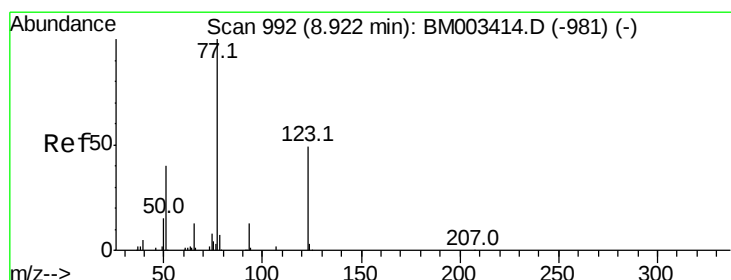
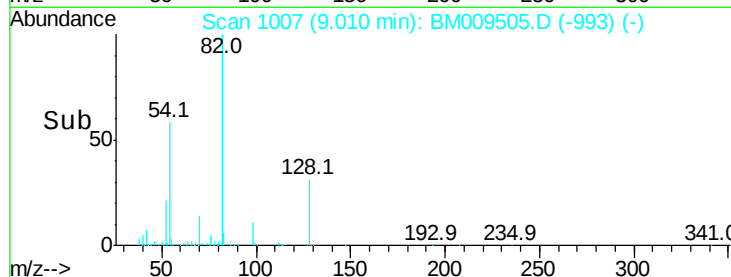
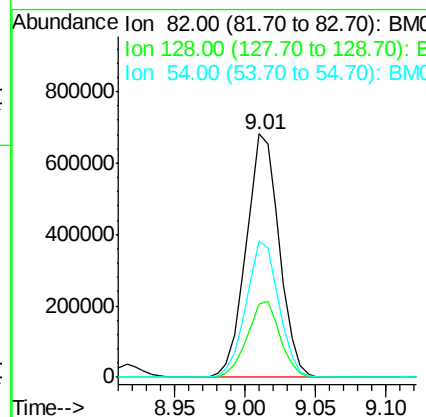
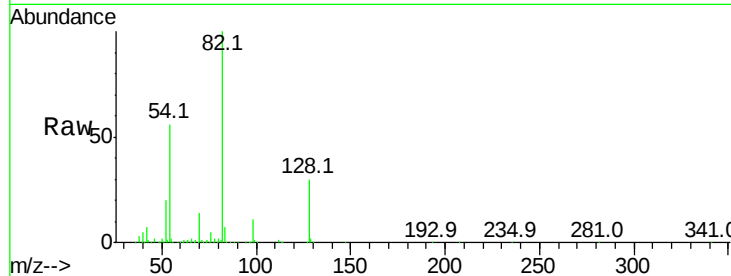
#23
Nitrobenzene-d5
Concen: 86.57 ng
RT: 9.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion: 82 Resp: 1116929
Ion Ratio Lower Upper
82 100
128 30.3 32.8 49.2#
54 56.0 40.6 60.8

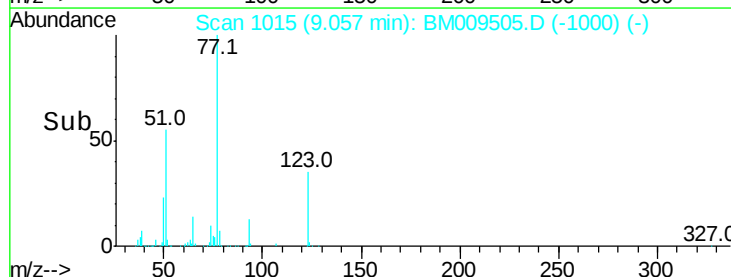
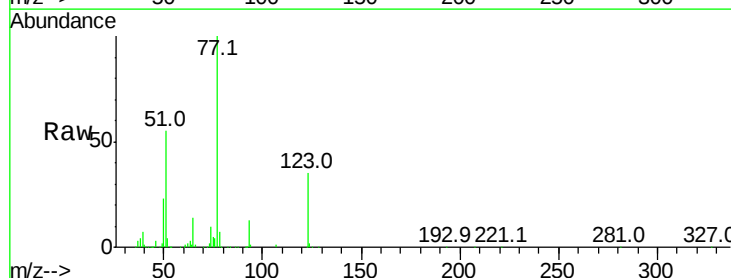
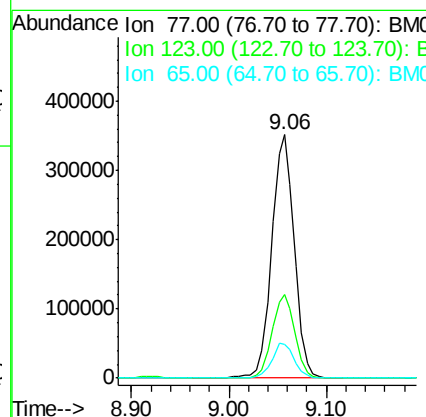
Manual Integrations
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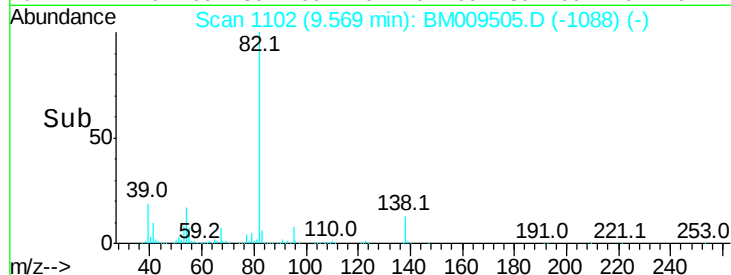
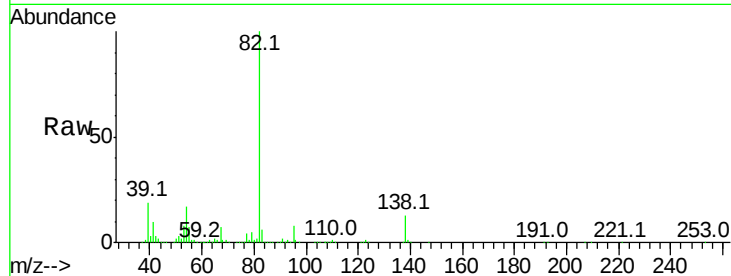
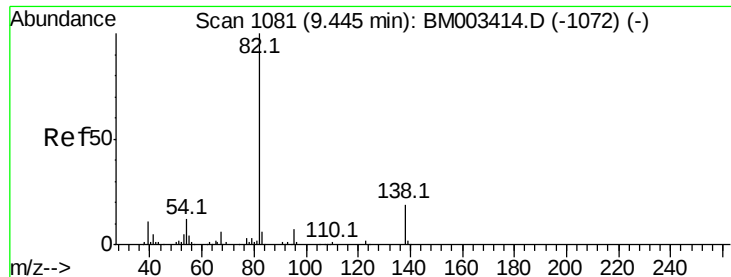
mohammad
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#24
Nitrobenzene
Concen: 45.21 ng
RT: 9.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion: 77 Resp: 571509
Ion Ratio Lower Upper
77 100
123 34.6 32.6 49.0
65 14.1 10.9 16.3





#25

Isophorone

Concen: 49.22 ng

RT: 9.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BM009505.D

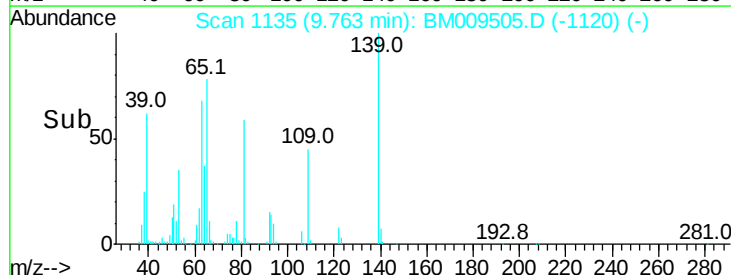
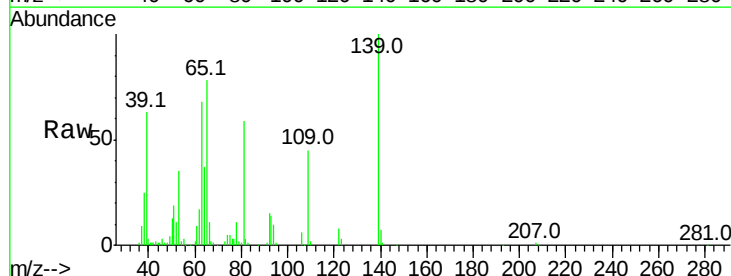
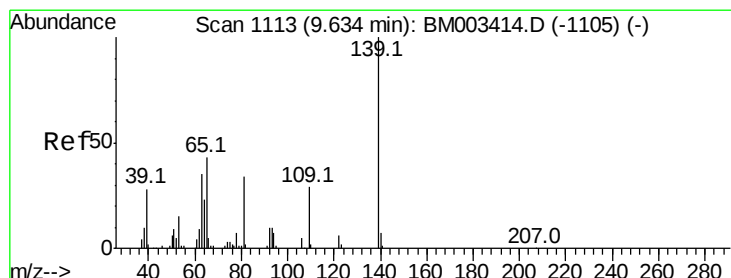
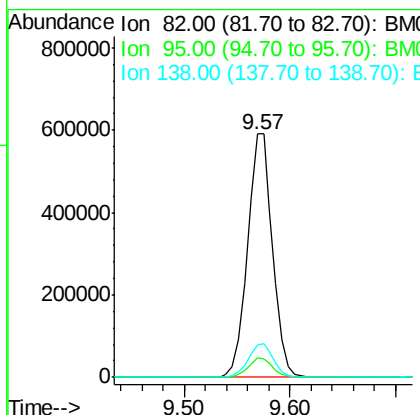
Acq: 03 Apr 2017 18:05

Tot Ion	82	Resp	968771
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.8	8.6
138	13.4	16.3	24.5#

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.87 ng

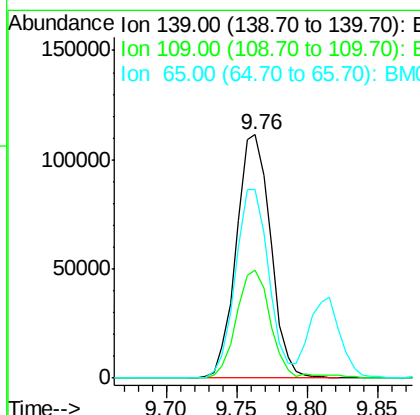
RT: 9.76 min Scan# 1135

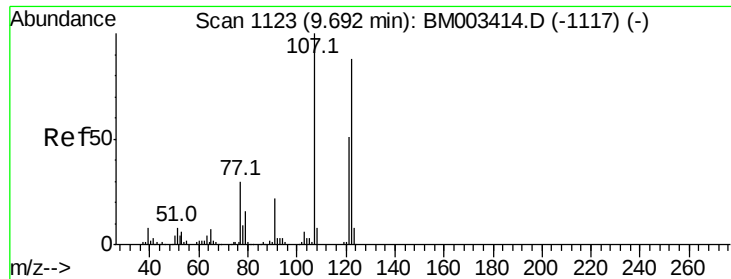
Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Tgt Ion	139	Resp	190108
Ion Ratio	Lower	Upper	
139	100		
109	44.5	20.1	30.1#
65	77.6	31.5	47.3#





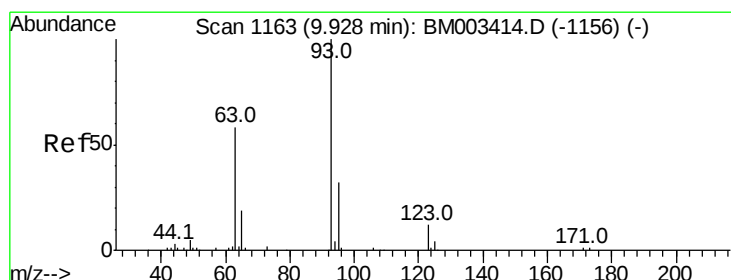
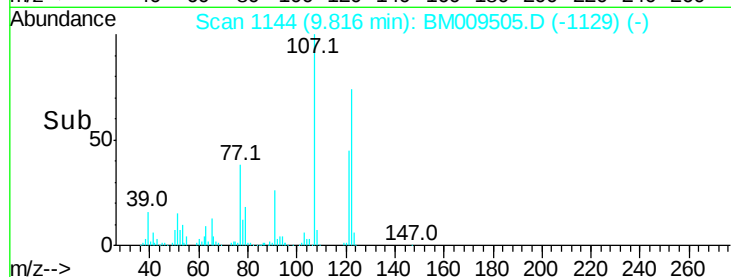
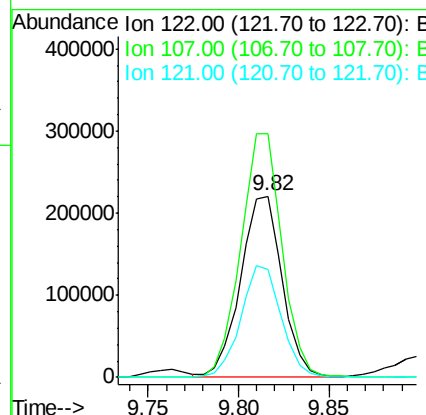
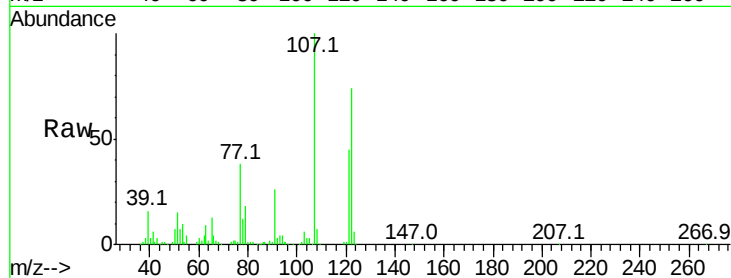
#27
 2,4-Dimethylphenol
 Concen: 50.02 ng
 RT: 9.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.3	84.7	127.1#
121	59.8	46.6	69.8

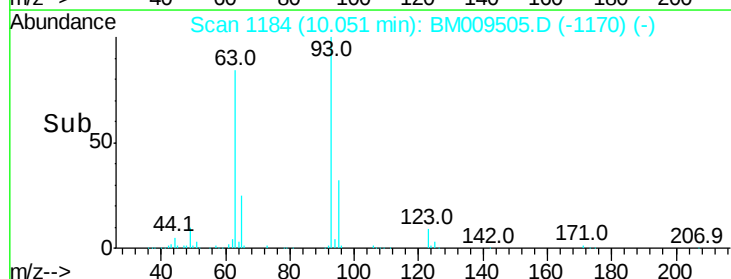
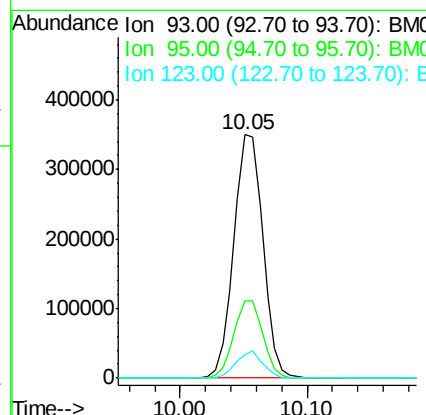
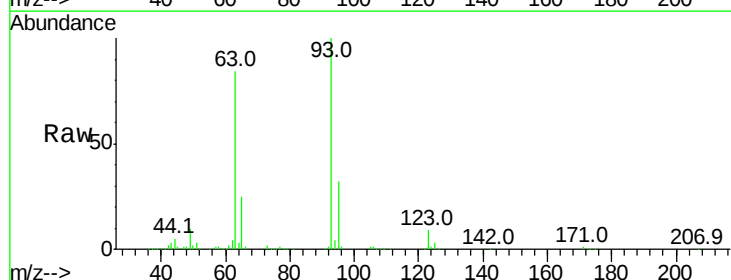
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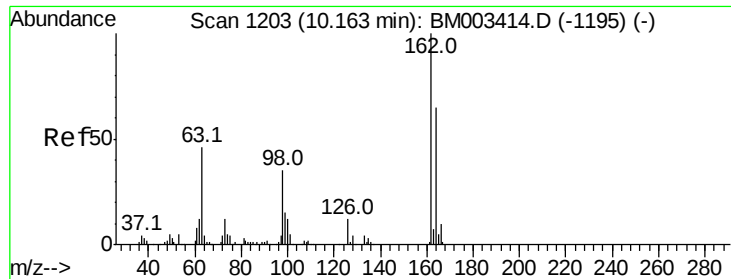
mohammad
 4/4/2017 5:33:21 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.64 ng
 RT: 10.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.5	38.3
123	9.5	8.6	13.0





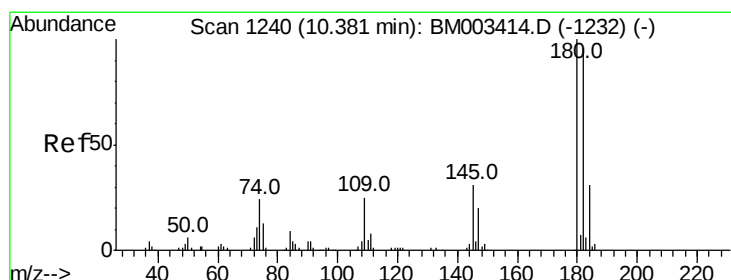
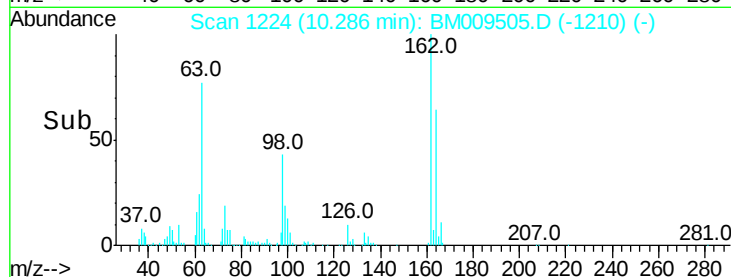
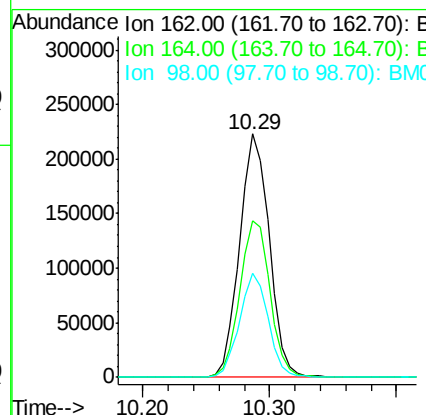
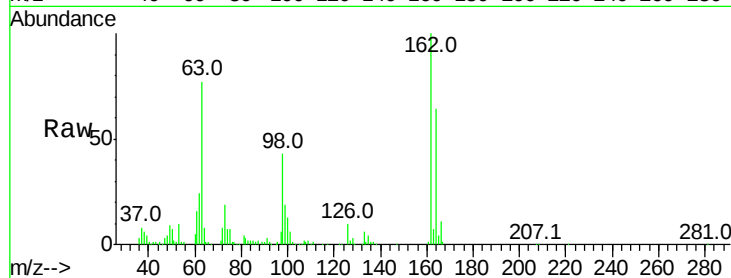
#29
 2,4-Dichlorophenol
 Concen: 49.64 ng
 RT: 10.29 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	361906		
164	64.3	42.8	82.8	
98	42.7	14.5	54.5	

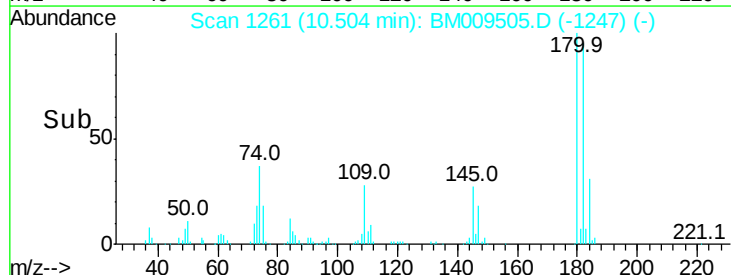
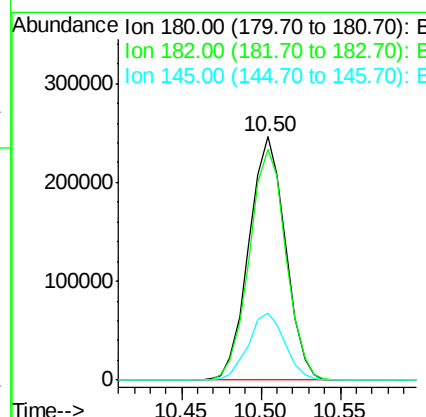
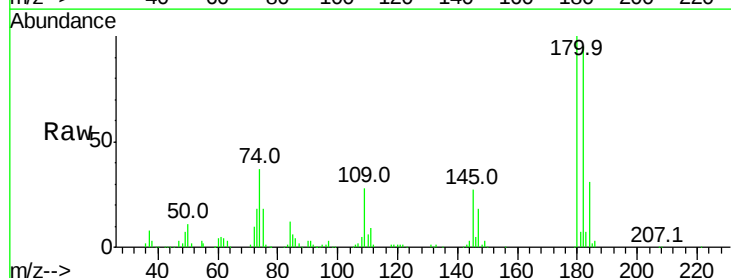
Manual Integrations
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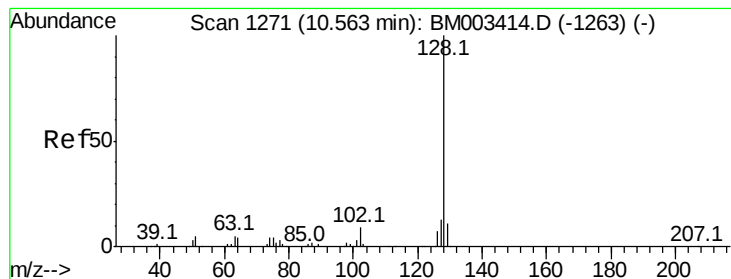
mohammad
 4/4/2017 5:33:21 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.65 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	394902		
182	94.9	77.6	116.4	
145	27.3	23.4	35.2	





#31

Naphthalene

Concen: 45.13 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MSD

Tot Ion:128 Resp: 1158705

Ion Ratio Lower Upper

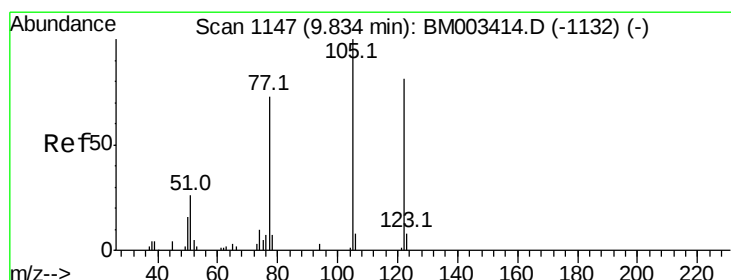
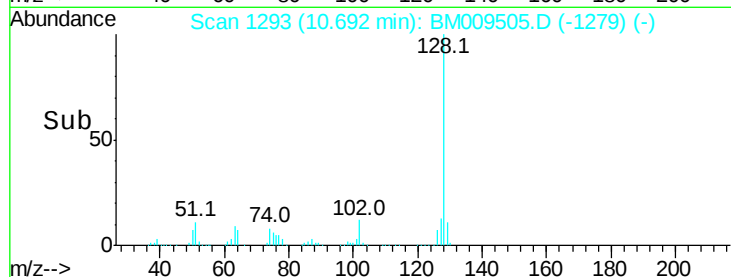
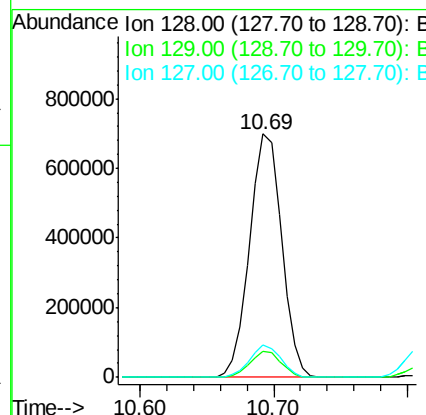
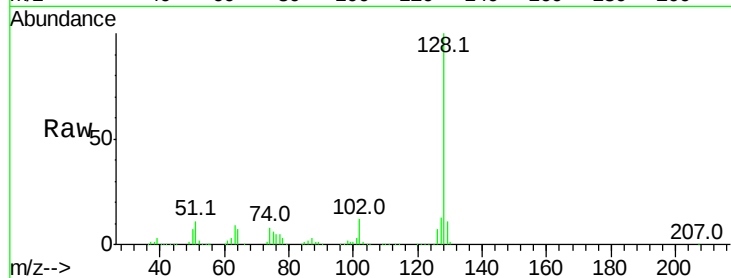
128 100

129 10.7 8.9 13.3

127 13.1 10.4 15.6

Manual Integrations
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#32

Benzoic acid

Concen: 33.16 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.02 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

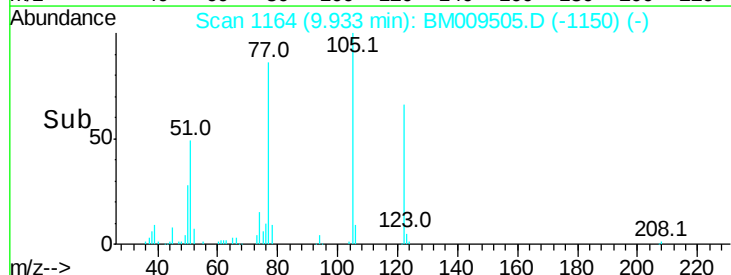
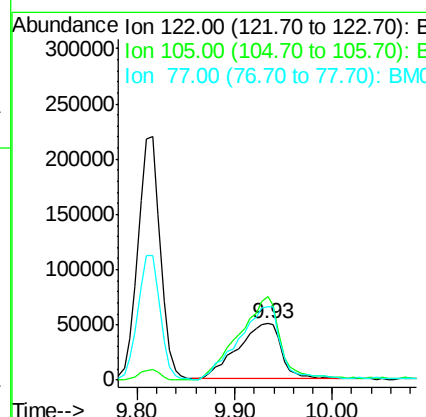
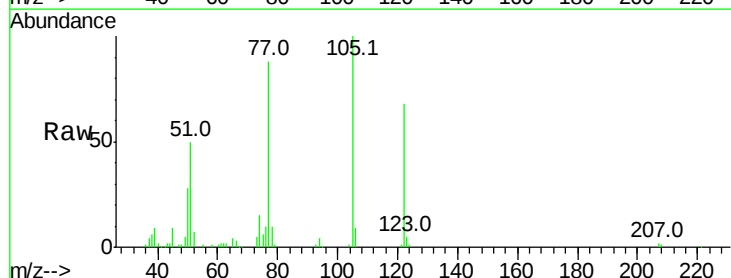
Tgt Ion:122 Resp: 158796

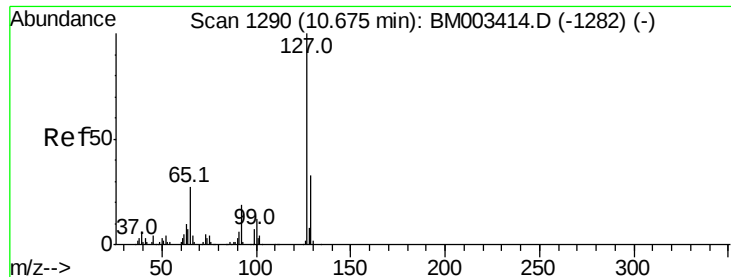
Ion Ratio Lower Upper

122 100

105 148.1 99.9 139.9#

77 130.4 73.7 113.7#





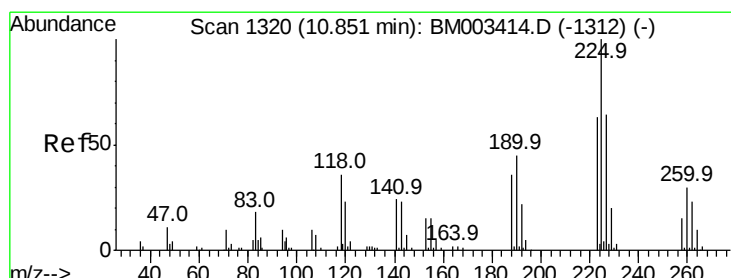
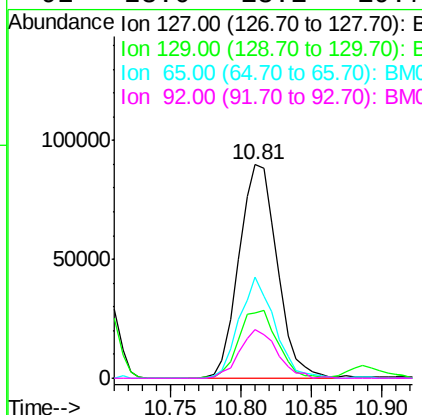
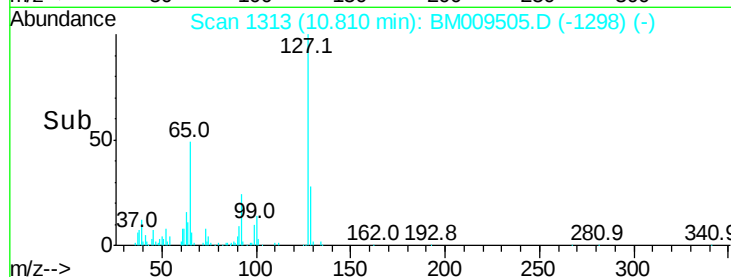
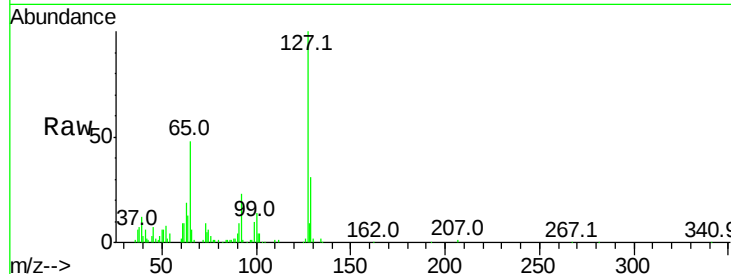
#33
4-Chloroaniline
Concen: 17.22 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	25.3	37.9	
65	47.5	17.6	26.4	
92	23.0	13.1	19.7	

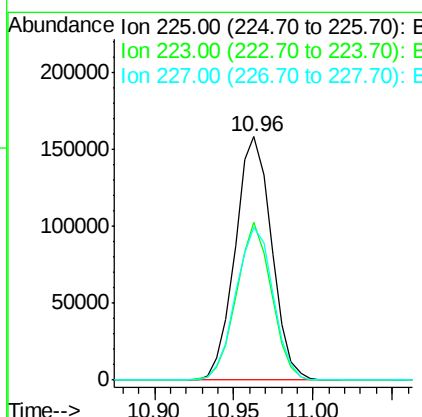
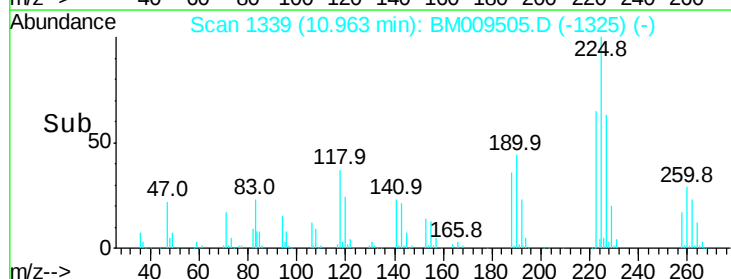
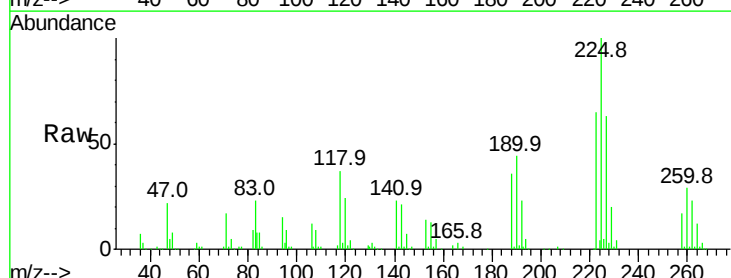
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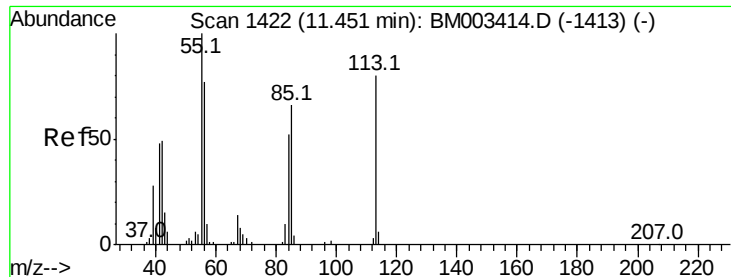
mohammad
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#34
Hexachlorobutadiene
Concen: 40.62 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.9	47.9	71.9	
227	62.6	50.1	75.1	





#35

Caprolactam

Concen: 42.97 ng/mL

RT: 11.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MSD

Tot Ion:113 Resp: 95647

Ion Ratio Lower Upper

113 100

55 228.3 145.9 185.9#

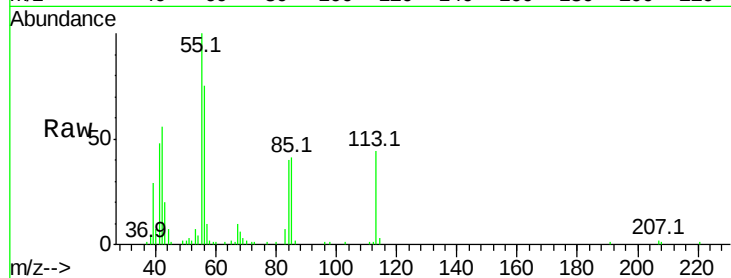
56 171.5 101.0 141.0#

Manual Integrations

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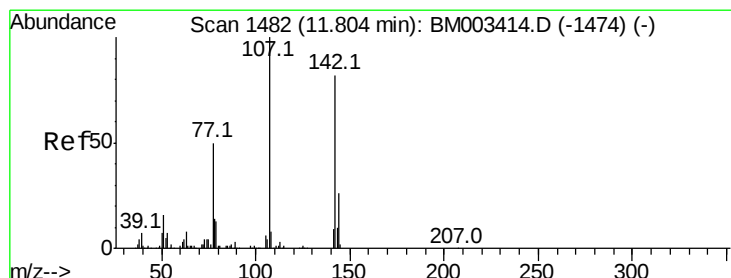
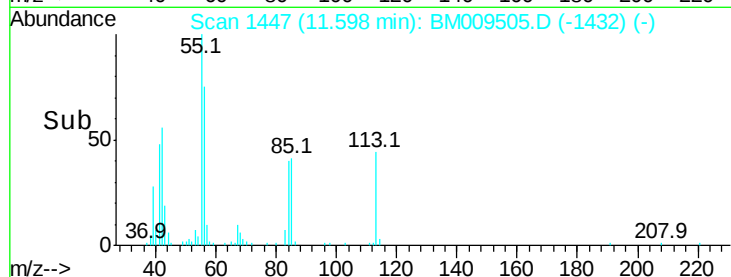
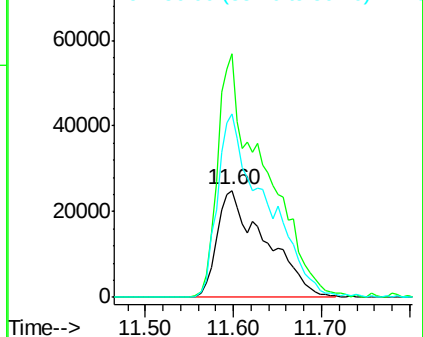
4/4/2017 5:33:21 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 51.05 ng

RT: 11.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

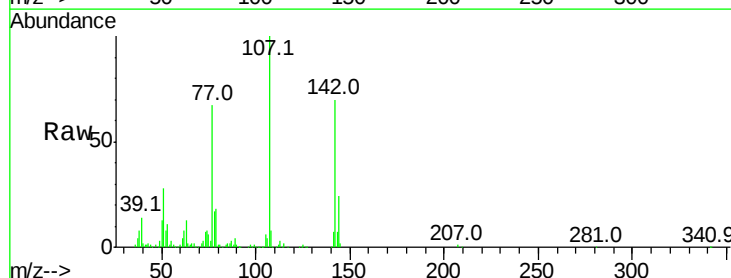
Tgt Ion:107 Resp: 421083

Ion Ratio Lower Upper

107 100

144 23.8 23.3 34.9

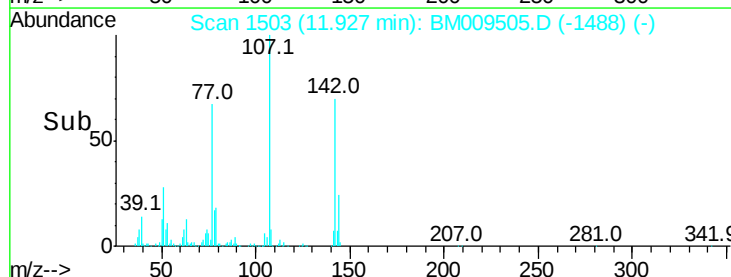
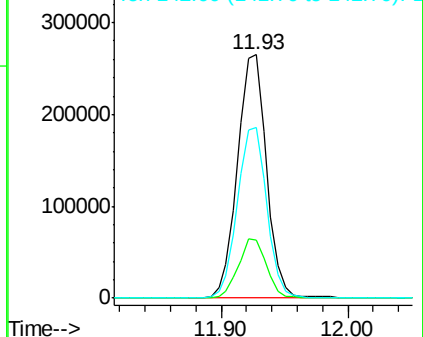
142 70.1 72.6 109.0#

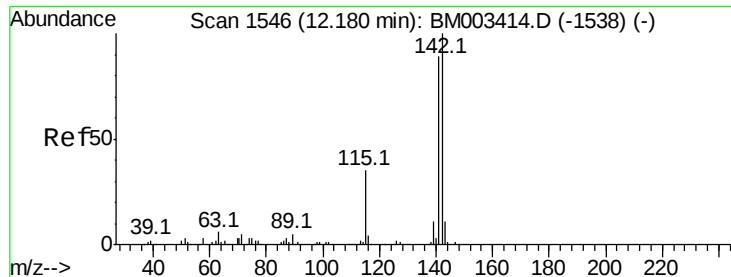


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





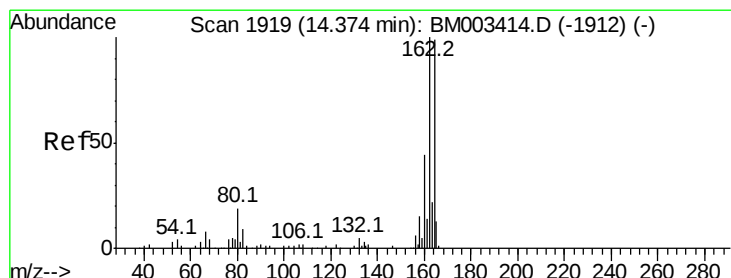
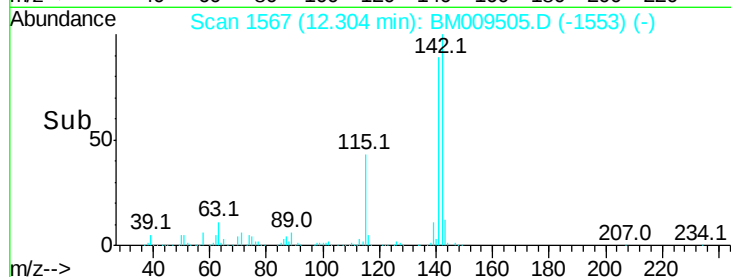
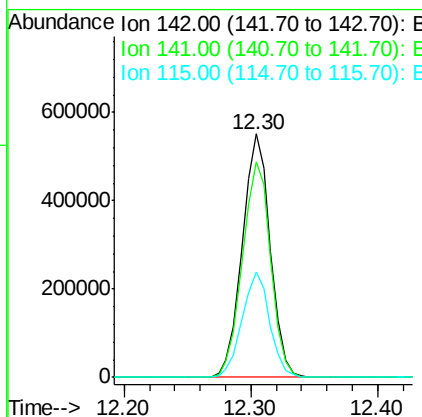
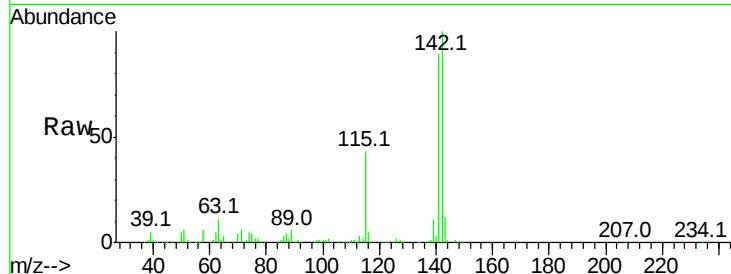
#37
2-Methylnaphthalene
Concen: 47.36 ng
RT: 12.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.9	107.9
115	43.2	25.4	38.0

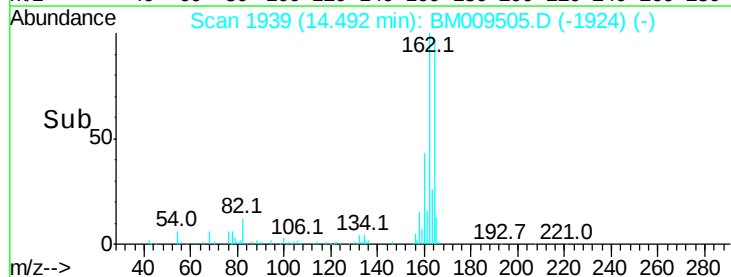
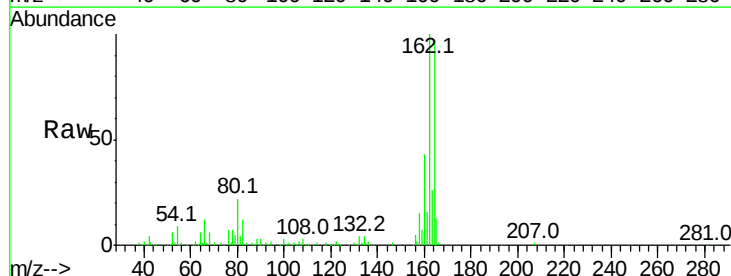
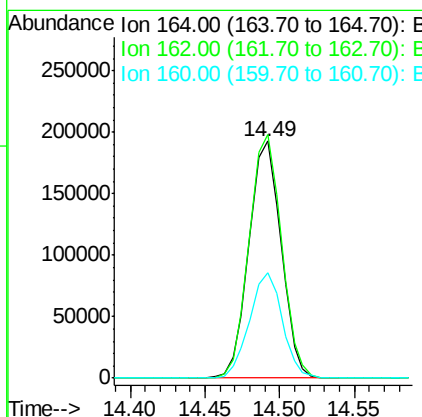
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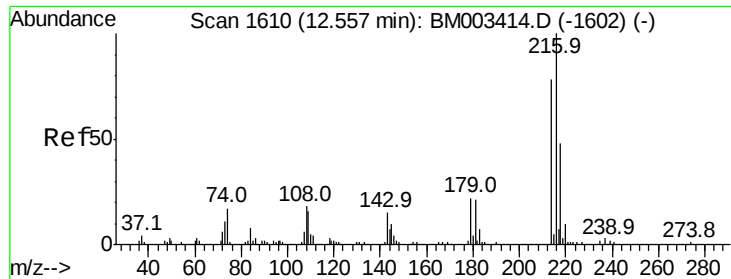
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.4	123.6
160	44.3	35.8	53.6





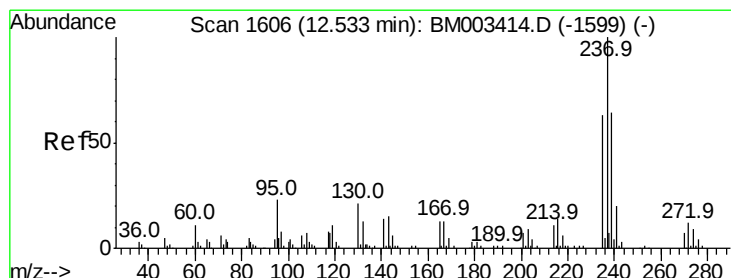
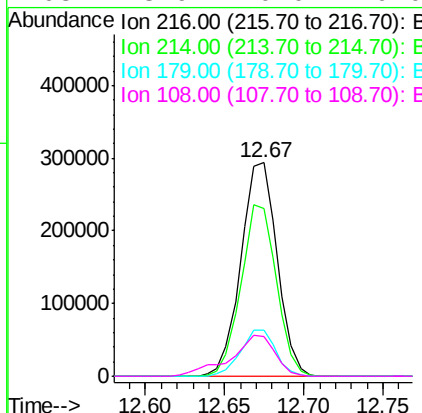
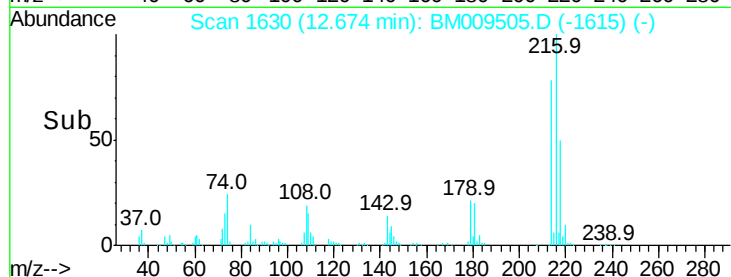
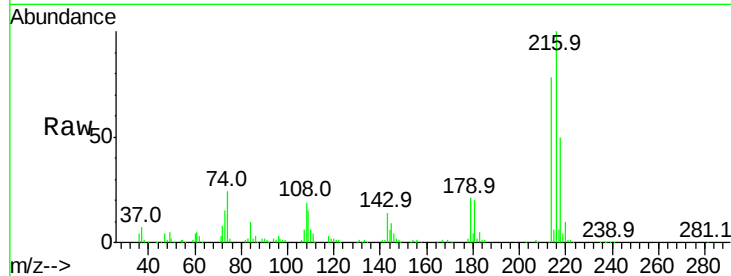
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.13 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.2	0.0	0.0	#
179	20.8	0.0	0.0	#
108	23.9	0.0	0.0	#

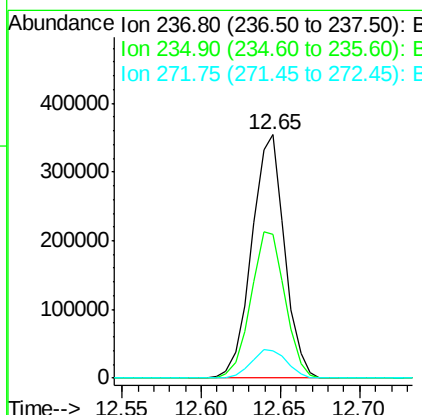
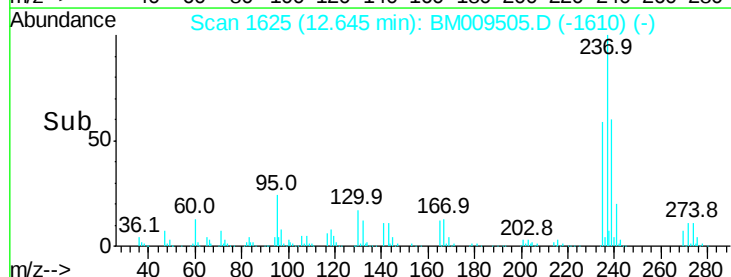
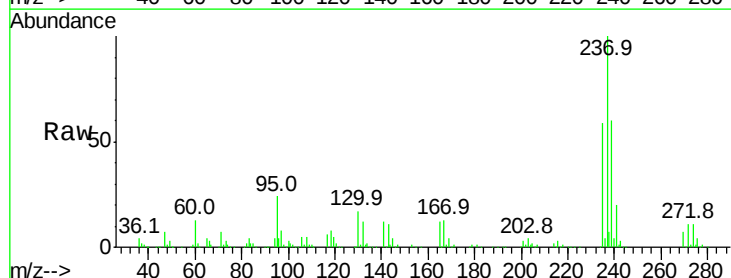
Manual Integrations
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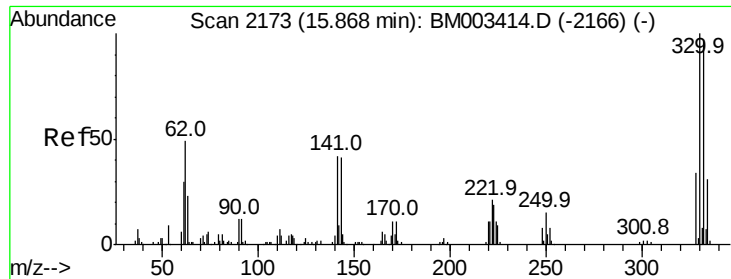
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 81.89 ng
 RT: 12.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	58.9	42.0	82.0	
272	11.0	0.0	33.4	





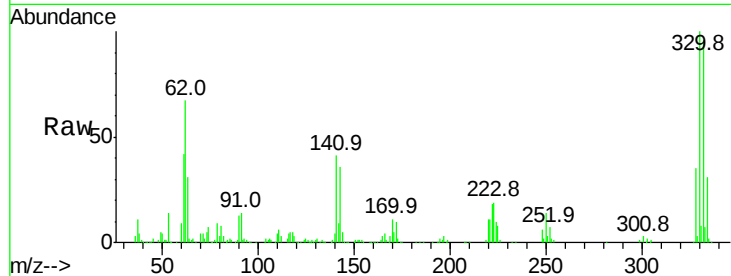
#41
 2,4,6-Tribromophenol
 Concen: 161.63 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

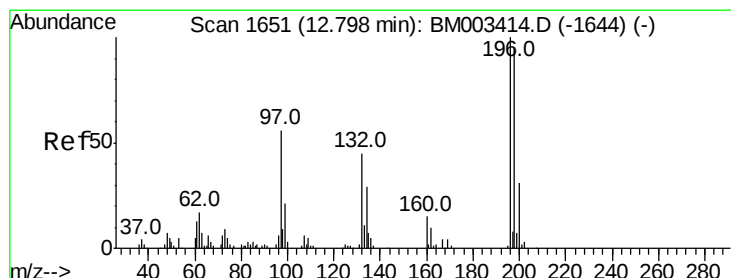
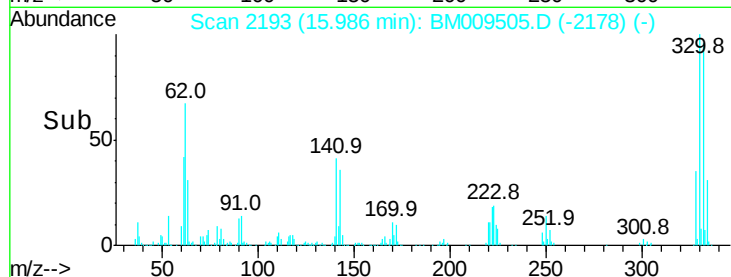
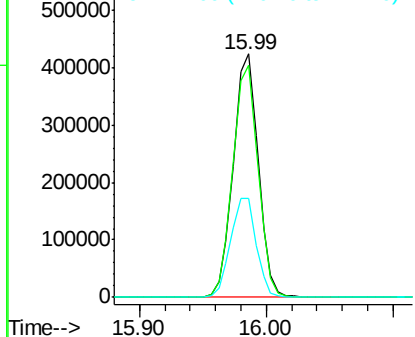
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	0.0	0.0	0.0
141	42.1	0.0	0.0	0.0

Manual Integrations
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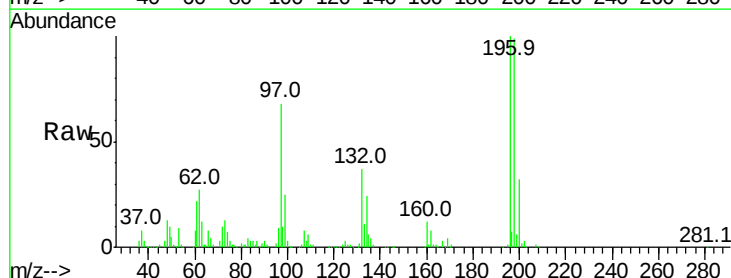


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

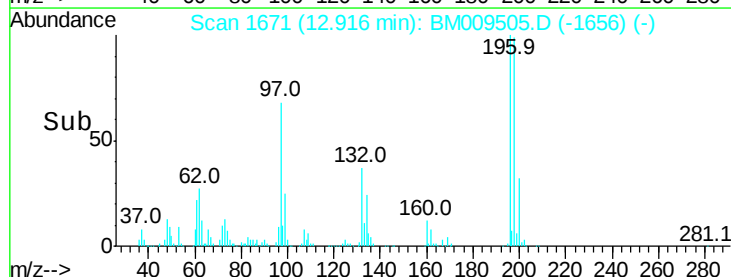
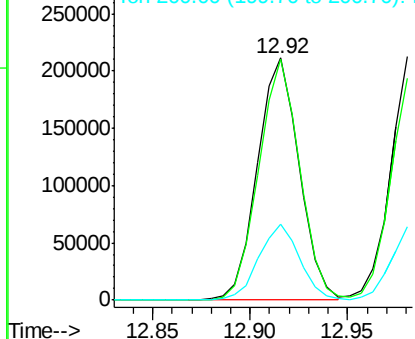


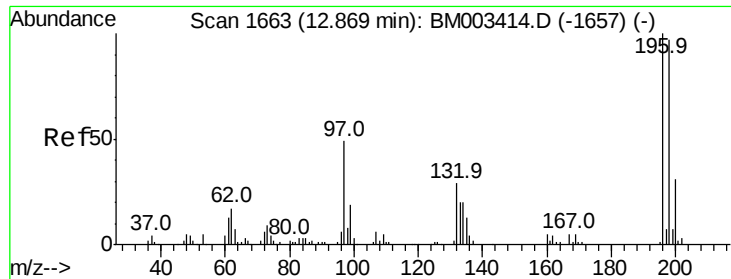
#42
 2,4,6-Trichlorophenol
 Concen: 50.62 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.3	76.3	114.5	
200	31.6	25.6	38.4	



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





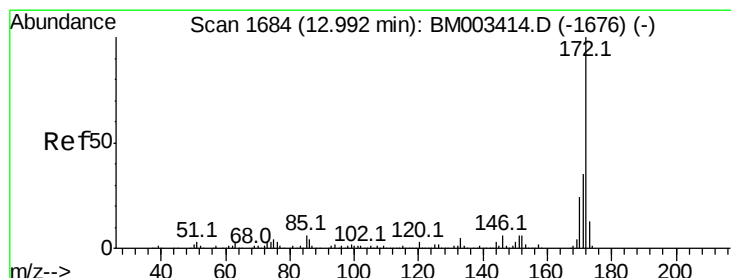
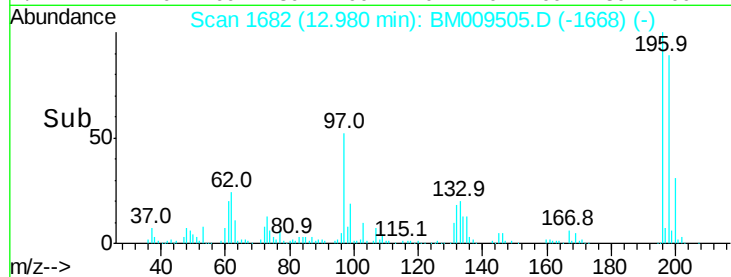
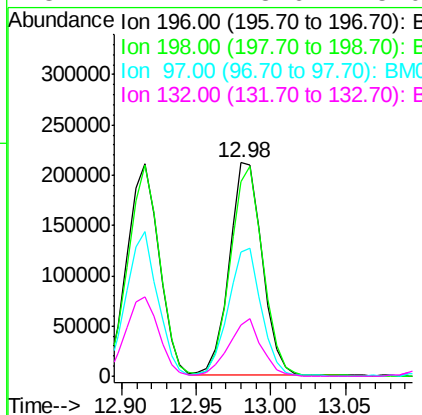
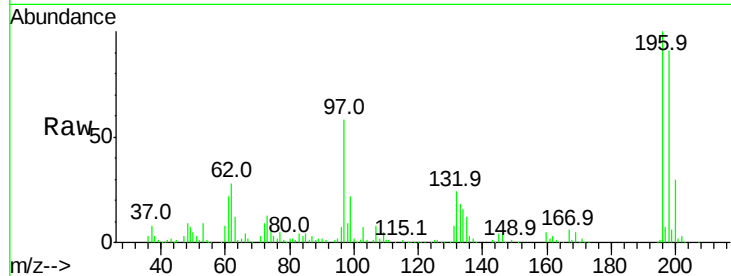
#43
 2,4,5-Trichlorophenol
 Concen: 47.39 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

Tot Ion:	196	Resp:	327619
Ion Ratio	Lower	Upper	
196	100		
198	91.3	79.4	119.0
97	58.2	26.8	40.2#
132	24.2	18.6	28.0

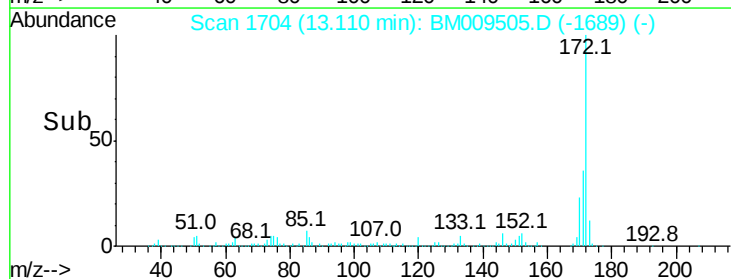
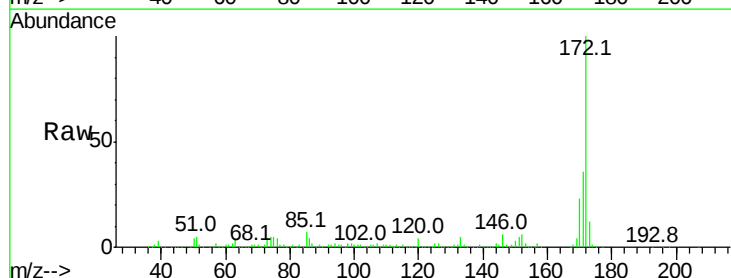
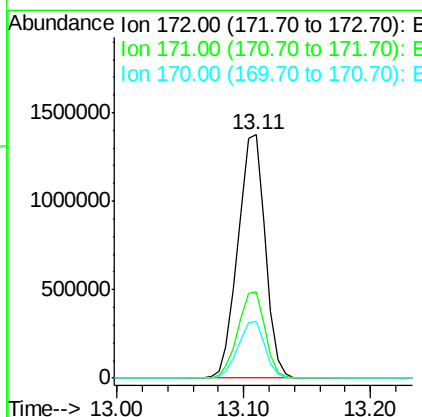
Manual Integrations
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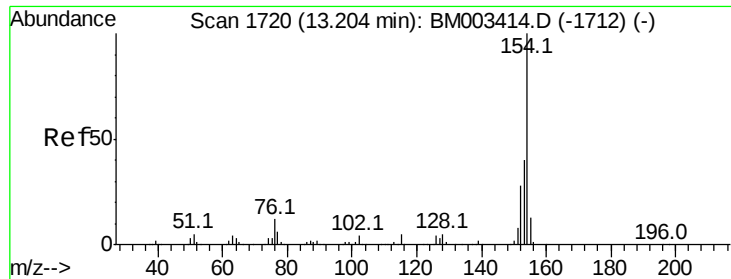
mohammad
 4/4/2017 5:33:21 PM



#44
 2-Fluorobiphenyl
 Concen: 85.63 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Tgt Ion:	172	Resp:	2039748
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.5	42.7
170	23.5	18.8	28.2





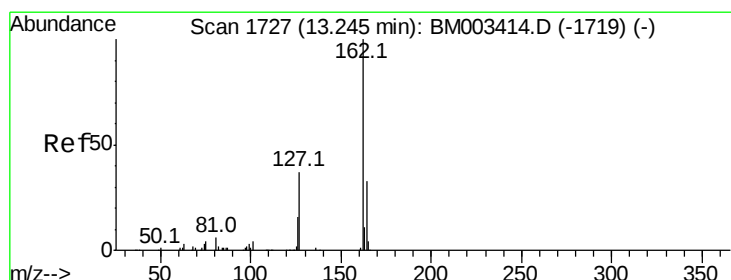
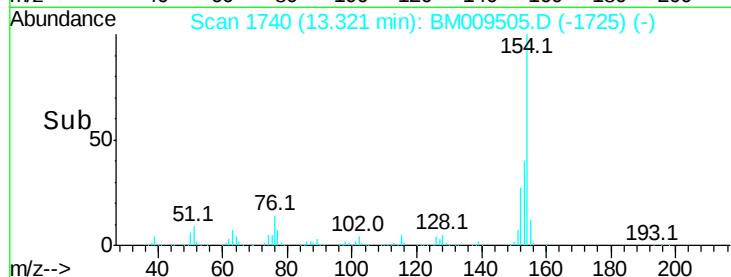
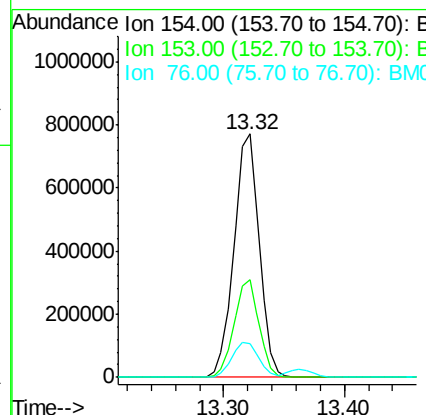
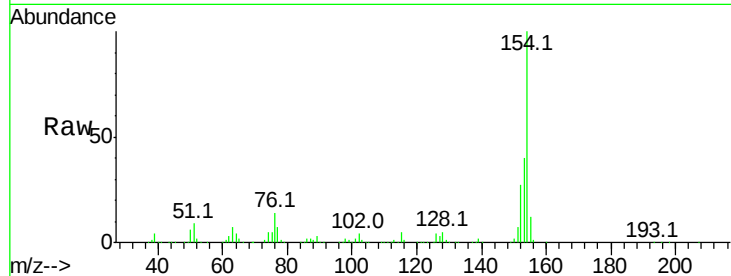
#45
 1,1'-Biphenyl
 Concen: 47.05 ng
 RT: 13.32 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.7	60.7
76	13.7	0.0	30.9

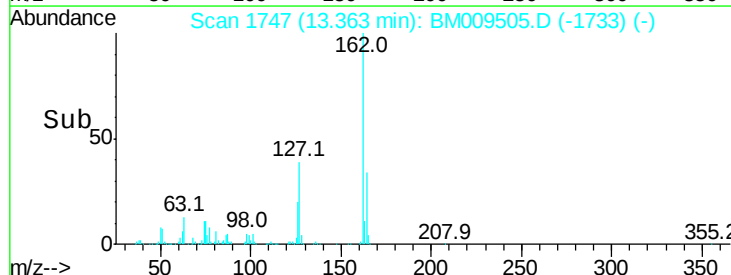
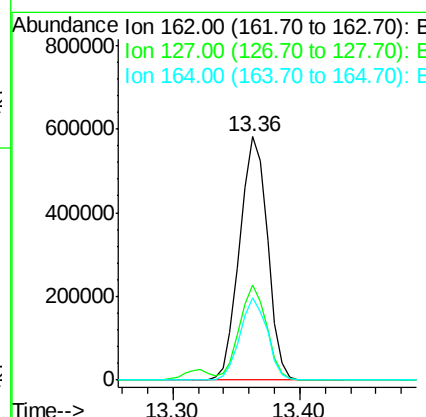
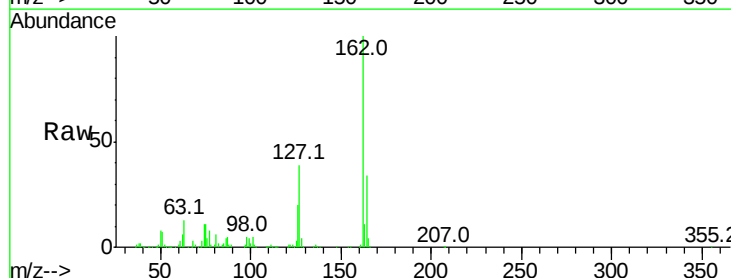
Manual Integrations
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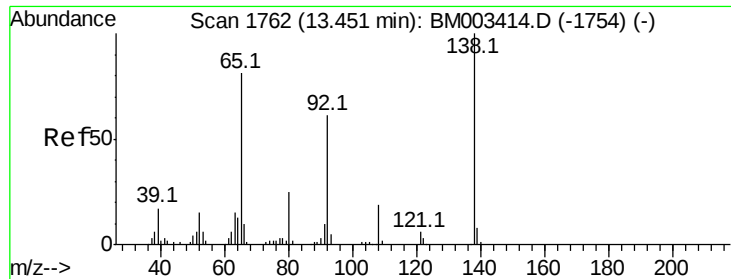
mohammad
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#46
 2-Chloronaphthalene
 Concen: 47.63 ng
 RT: 13.36 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	26.9	40.3
164	34.1	26.8	40.2





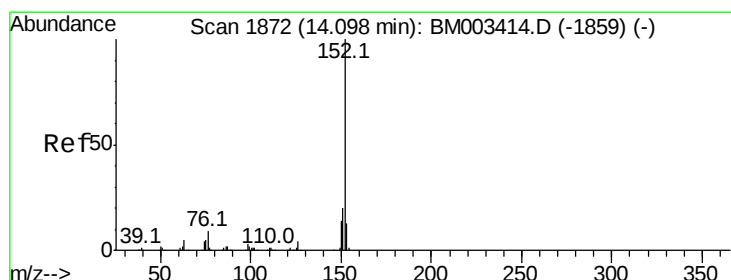
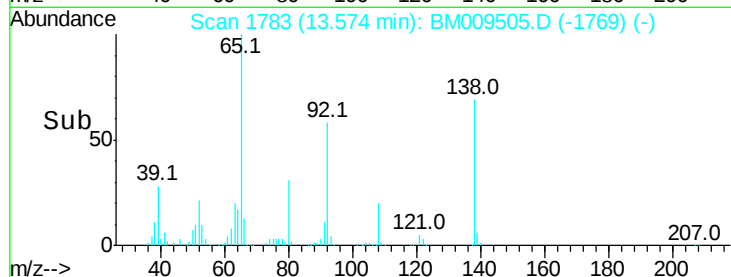
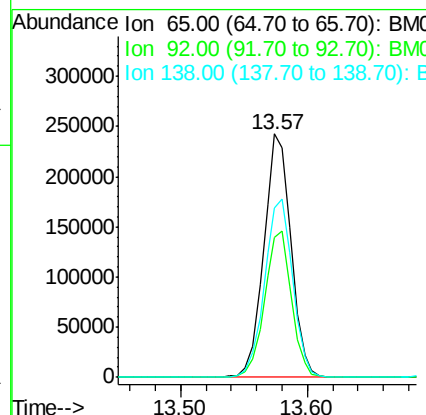
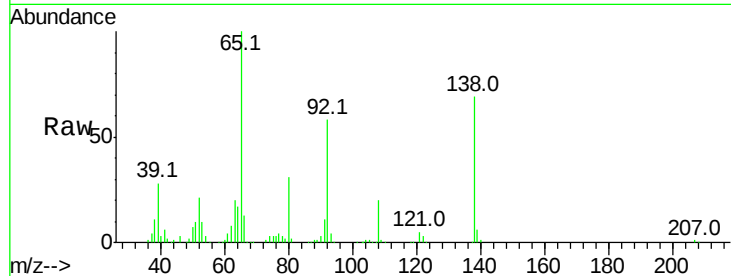
#47
2-Nitroaniline
Concen: 53.00 ng
RT: 13.57 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	57.6	59.1	88.7#
138	69.4	93.9	140.9#

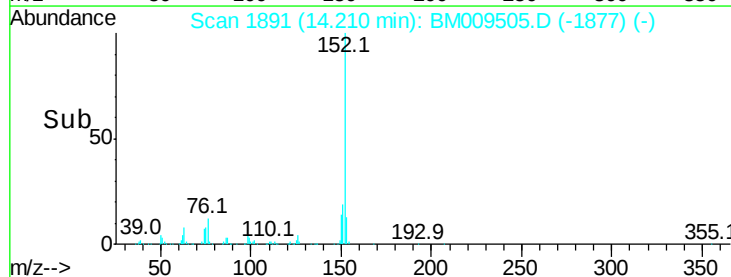
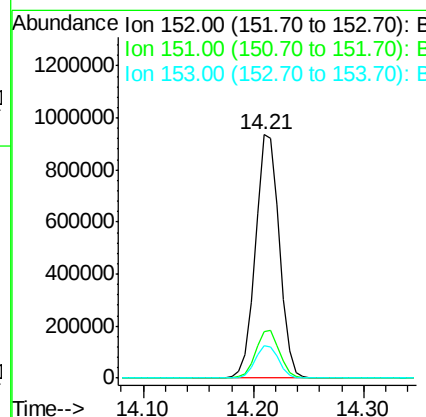
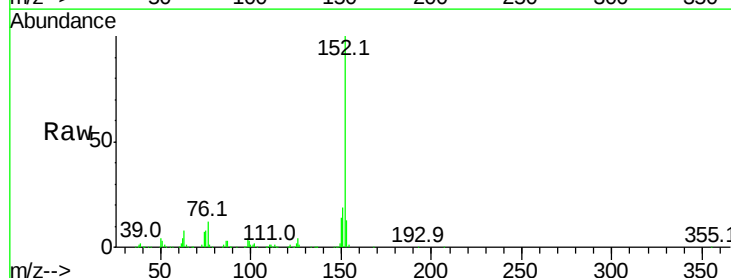
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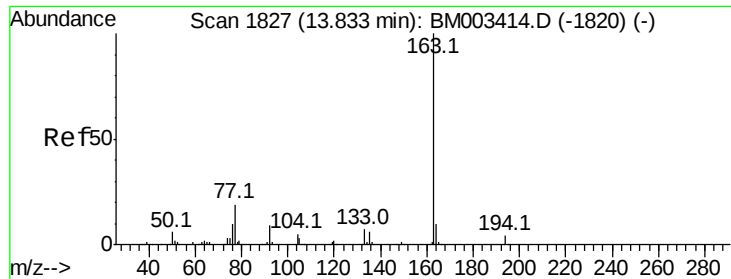
mohammad
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#48
Acenaphthylene
Concen: 46.91 ng
RT: 14.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.9	23.9
153	13.2	10.6	16.0





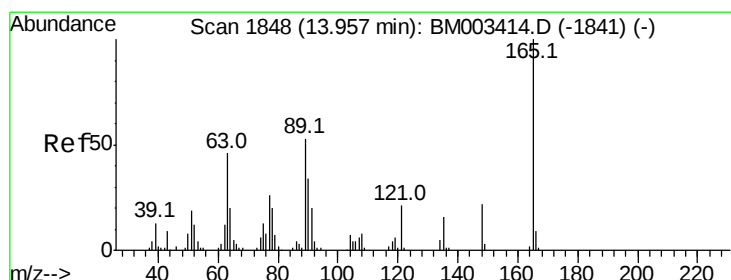
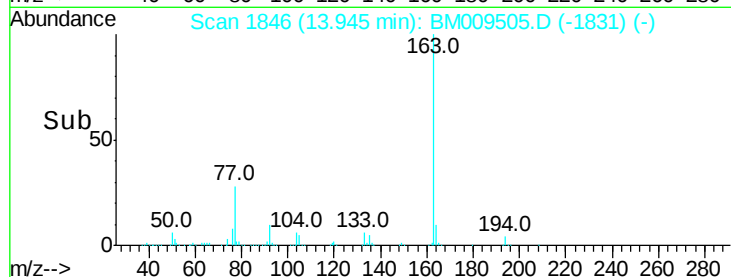
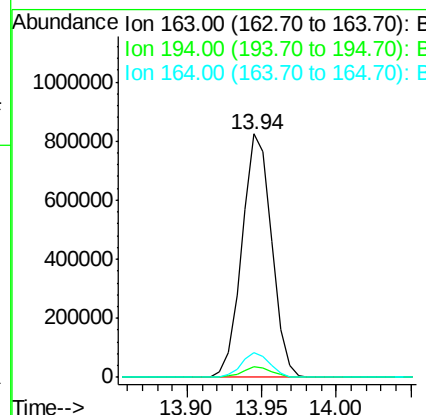
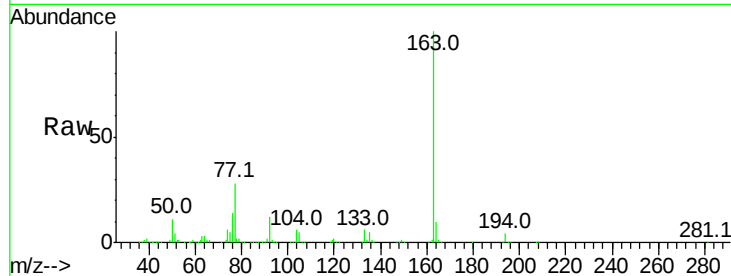
#49
Dimethylphthalate
Concen: 51.36 ng
RT: 13.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion:163 Resp: 1131936
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 10.1 8.2 12.2

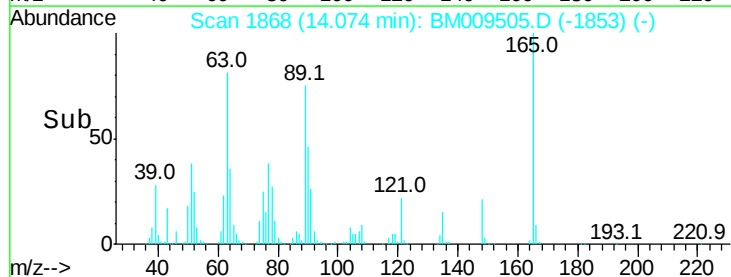
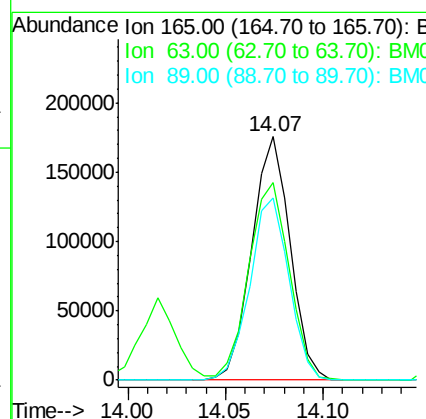
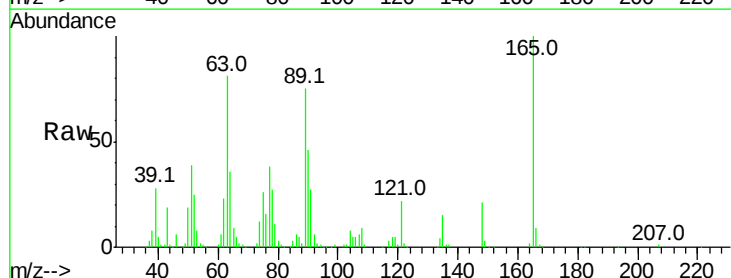
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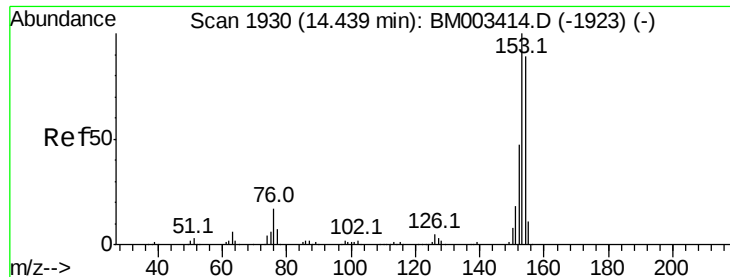
mohammad
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#50
2,6-Dinitrotoluene
Concen: 50.19 ng
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion:165 Resp: 238363
Ion Ratio Lower Upper
165 100
63 81.1 44.1 66.1#
89 74.6 44.3 66.5#





#51

Acenaphthene

Concen: 47.62 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MSD

Tot Ion:154 Resp: 868242

Ion Ratio Lower Upper

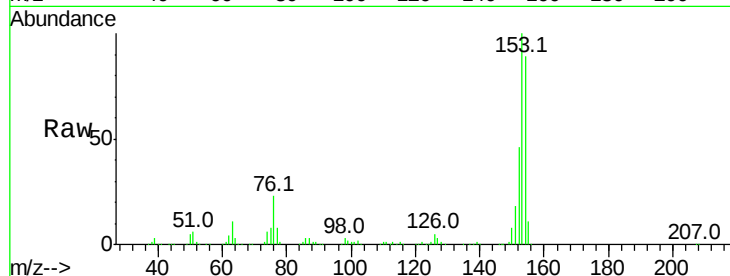
154 100

153 112.3 90.0 135.0

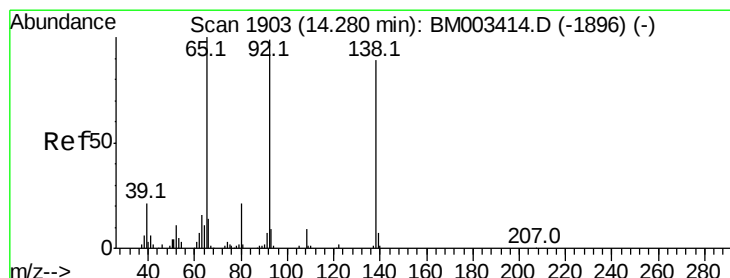
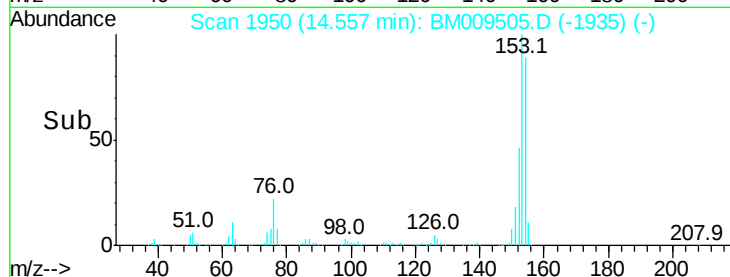
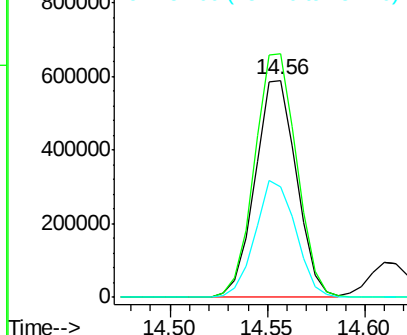
152 51.2 42.6 63.8

Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.72 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

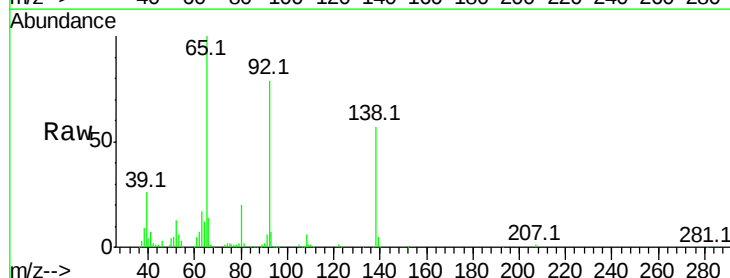
Tgt Ion:138 Resp: 171815

Ion Ratio Lower Upper

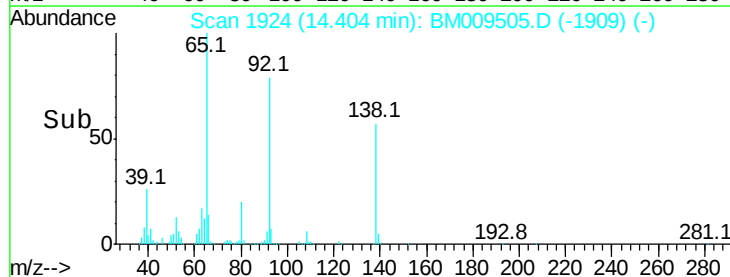
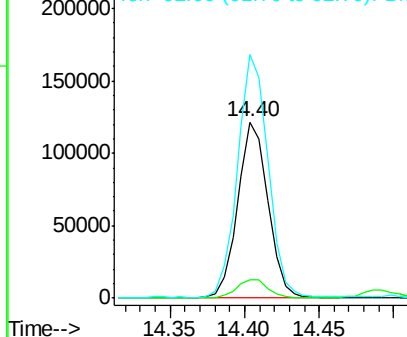
138 100

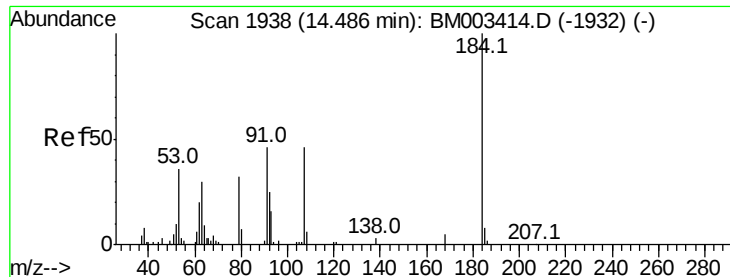
108 10.7 7.3 10.9

92 138.3 76.6 114.8#



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





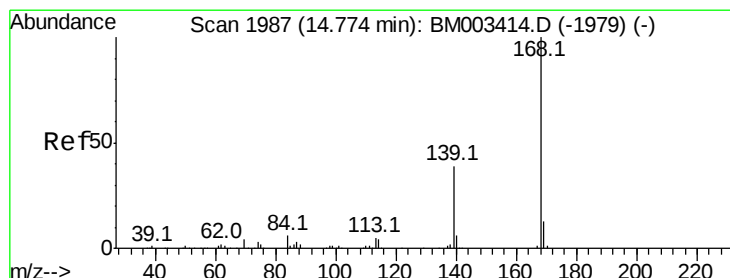
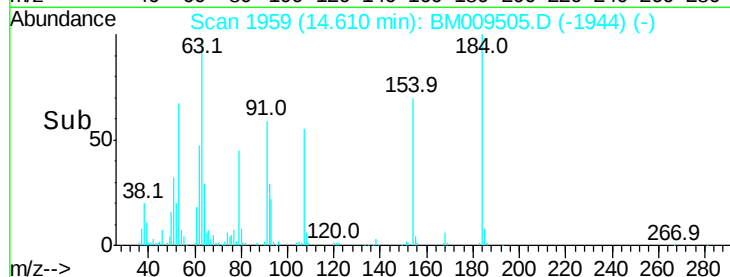
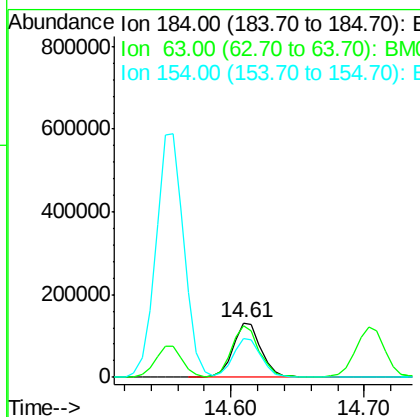
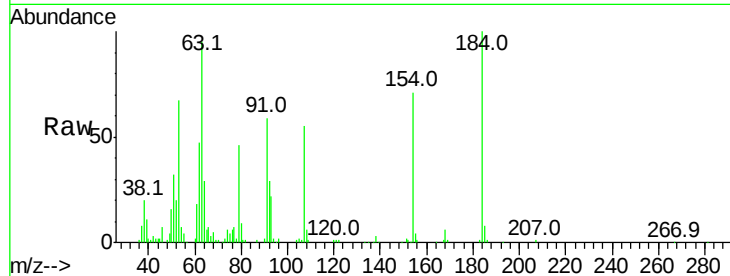
#53
2,4-Dinitrophenol
Concen: 61.34 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	95.0	69.2	103.8
154	70.8	53.3	79.9

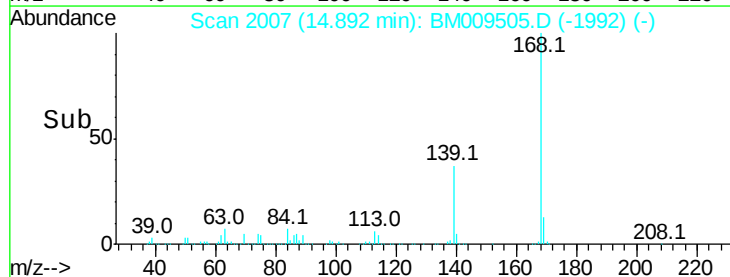
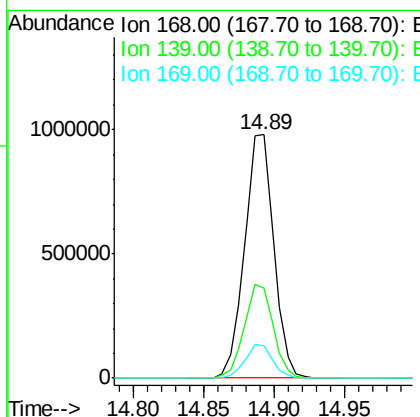
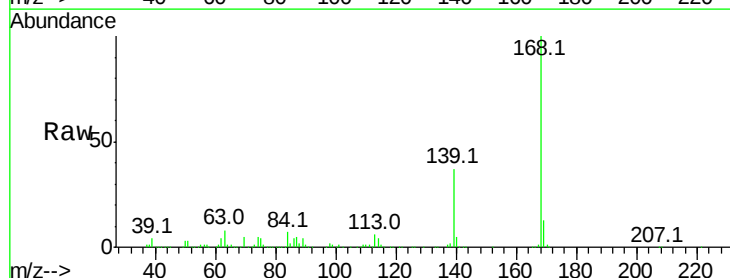
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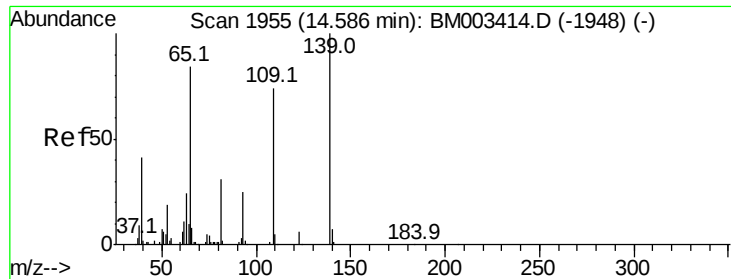
mohammad
4/4/2017 5:33:21 PM



#54
Dibenzofuran
Concen: 52.92 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.8	27.3	40.9
169	13.4	10.6	16.0





#55

4-Nitrophenol

Concen: 98.98 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Instrument :

BNA_M

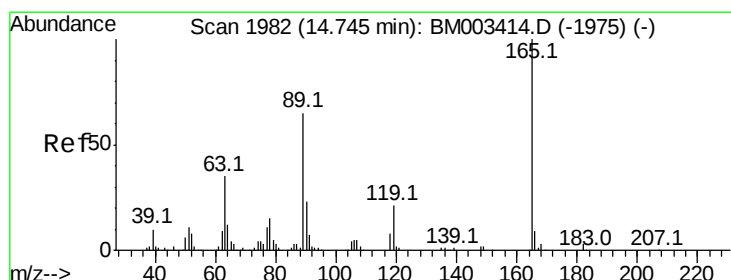
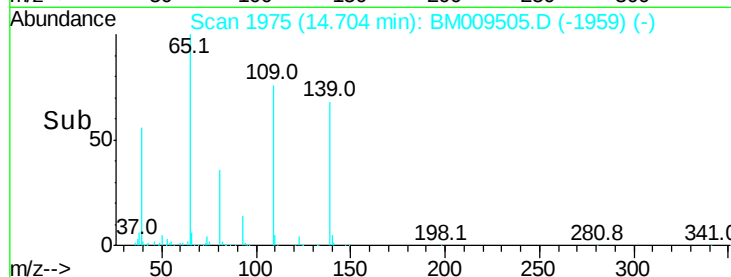
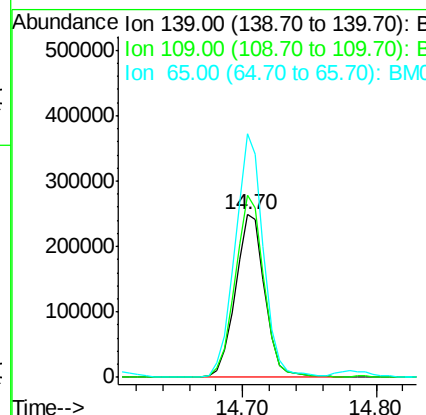
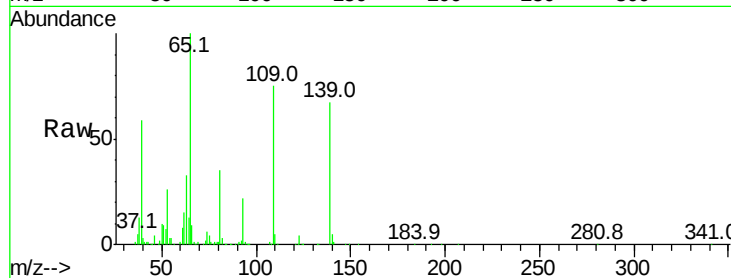
ClientSampleId :

WC-COMP-13MSD

Tot Ion:	139	Resp:	382777
Ion Ratio	Lower	Upper	
139	100		
109	111.7	37.7	77.7#
65	149.8	49.9	89.9#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 55.32 ng

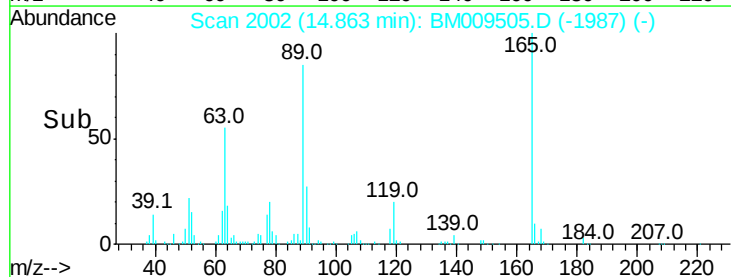
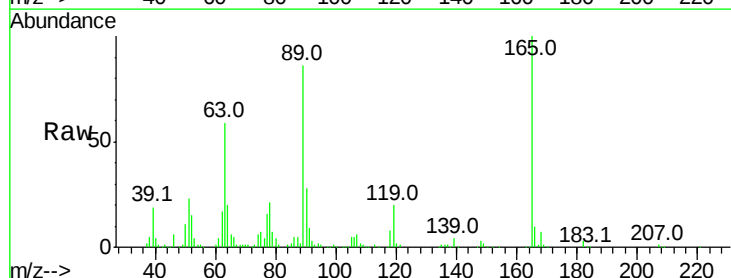
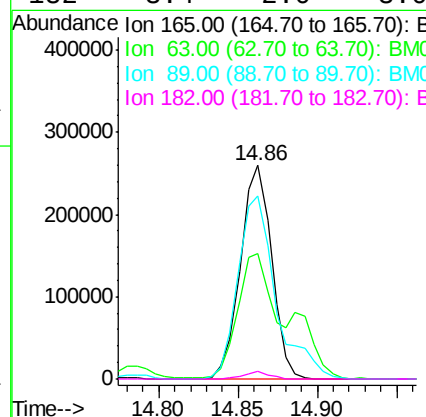
RT: 14.86 min Scan# 2002

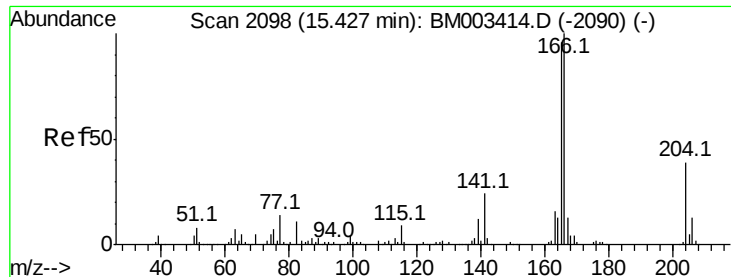
Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Tgt Ion:	165	Resp:	355469
Ion Ratio	Lower	Upper	
165	100		
63	58.6	52.4	78.6
89	85.6	72.4	108.6
182	3.4	2.0	3.0#





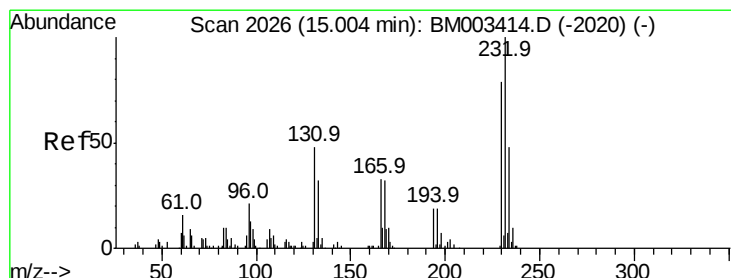
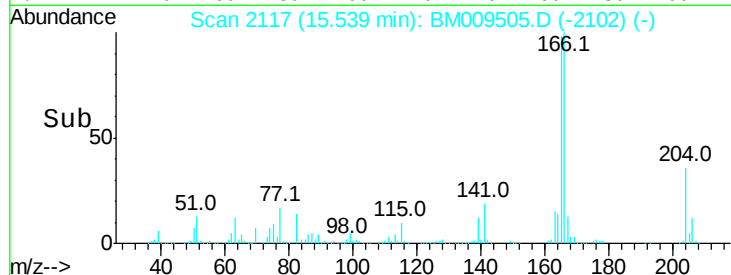
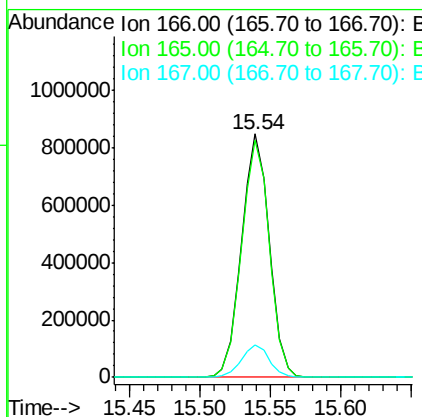
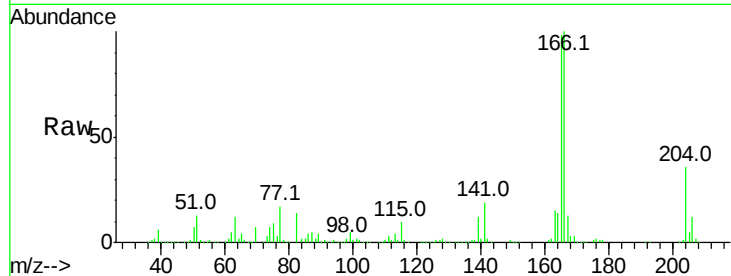
#57
Fluorene
 Concen: 48.03 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.0	118.4
167	13.5	10.3	15.5

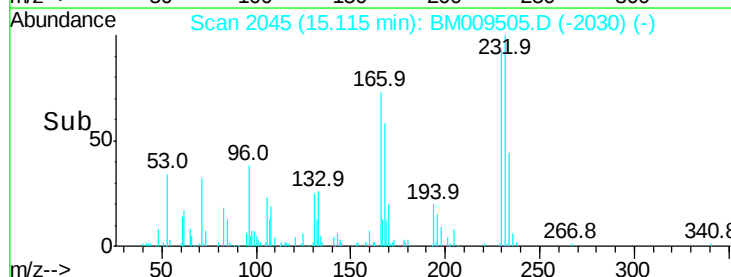
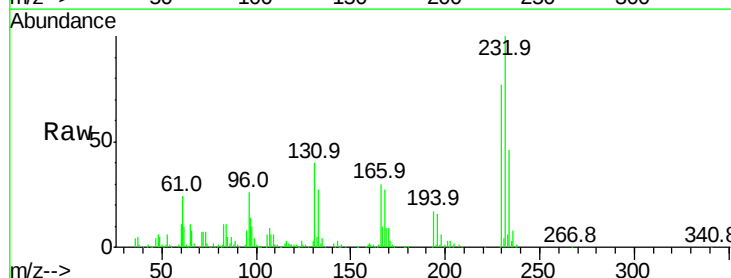
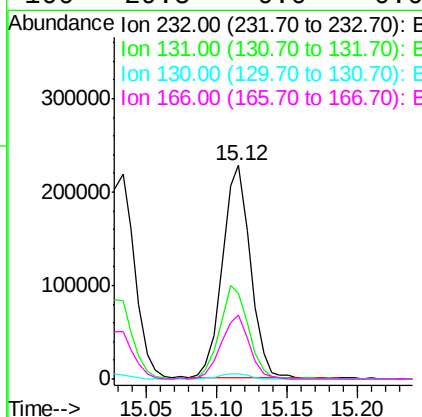
Manual Integrations
 APPROVED

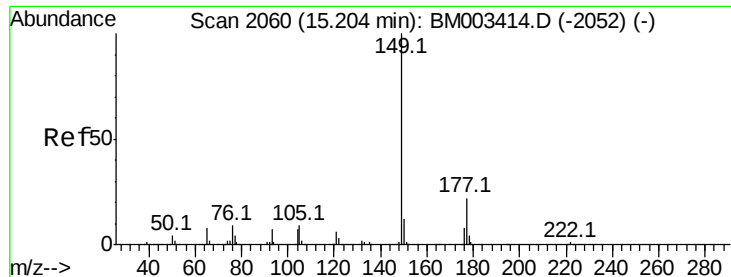
mohammad
 4/4/2017 5:33:21 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.65 ng
 RT: 15.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.2	0.0	0.0#
130	2.7	0.0	0.0#
166	29.5	0.0	0.0#





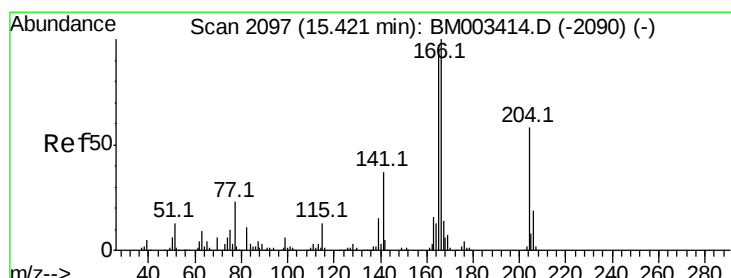
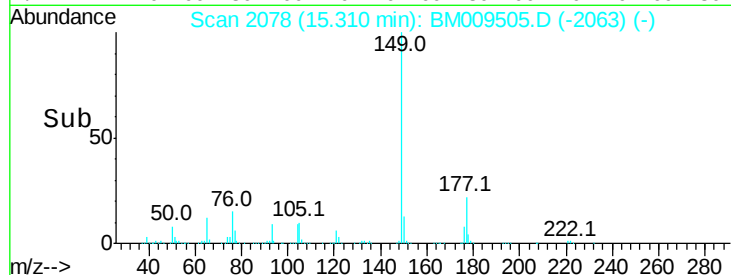
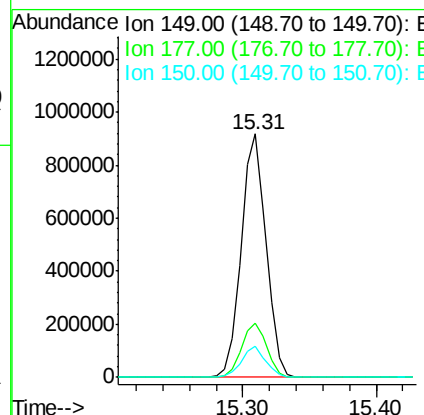
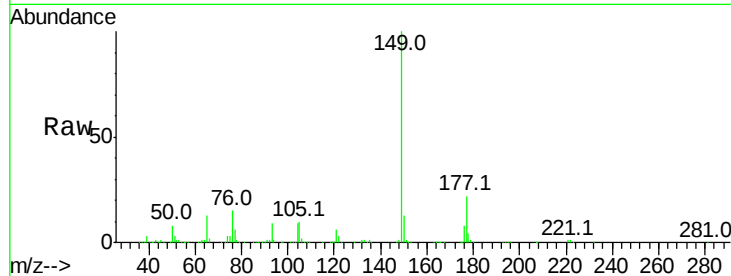
#59
Diethylphthalate
Concen: 52.73 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.3	27.5
150	12.6	9.8	14.8

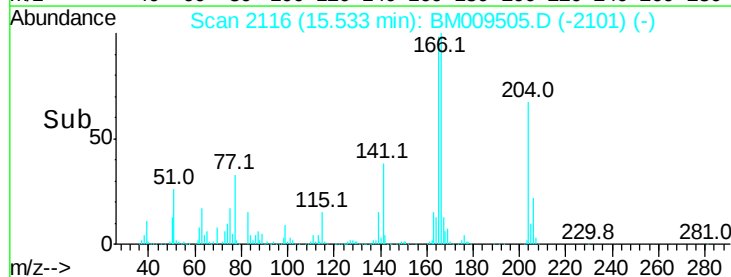
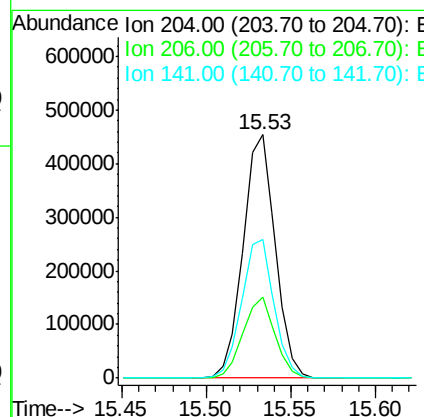
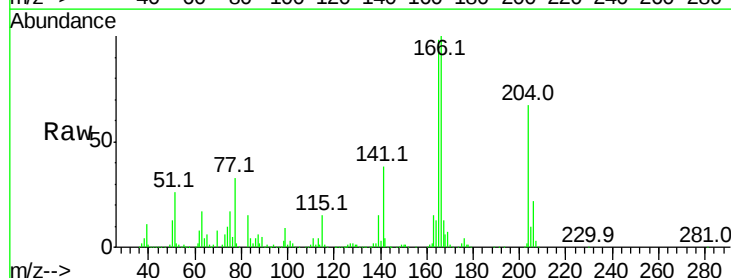
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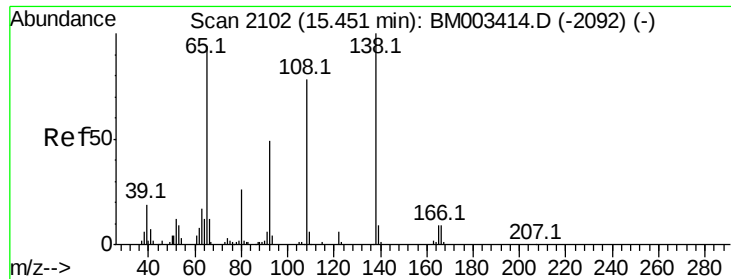
mohammad
4/4/2017 5:33:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.44 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	56.7	45.2	67.8





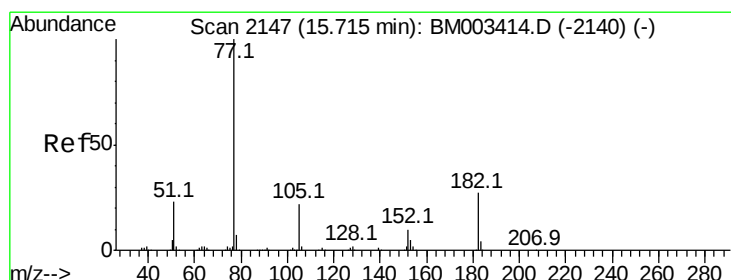
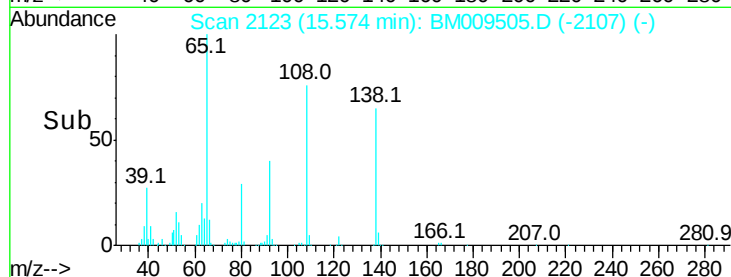
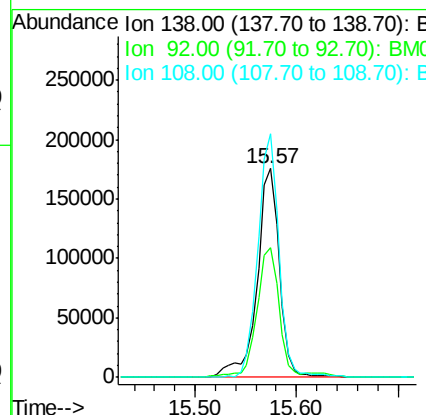
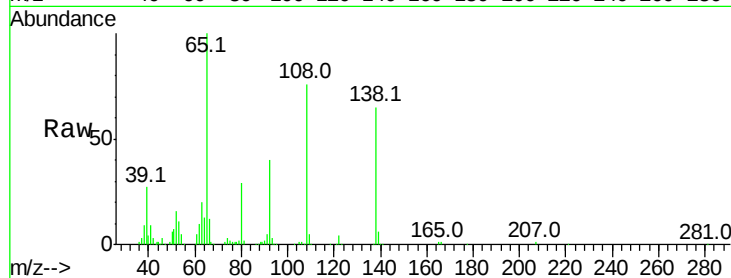
#61
4-Nitroaniline
Concen: 52.78 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.0	16.7	56.7#
108	116.5	37.6	77.6#

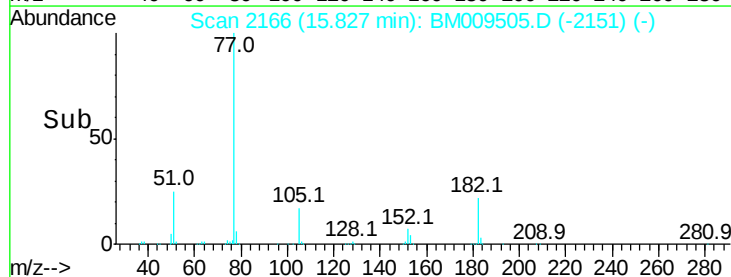
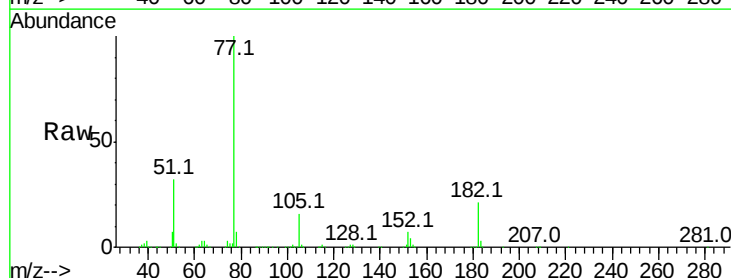
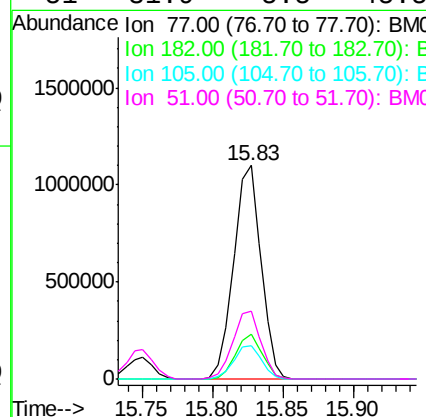
Manual Integrations
APPROVED

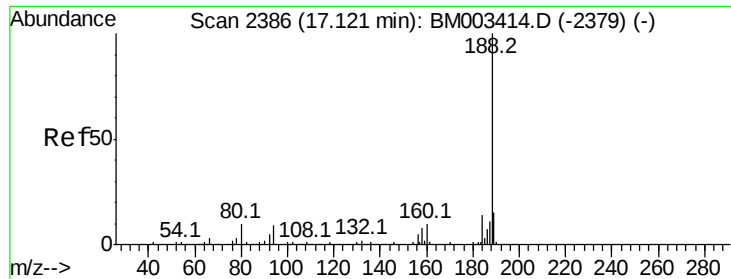
mohammad
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#62
Azobenzene
Concen: 57.06 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.1	6.5	46.5
105	15.7	3.8	43.8
51	31.9	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Instrument :

BNA_M

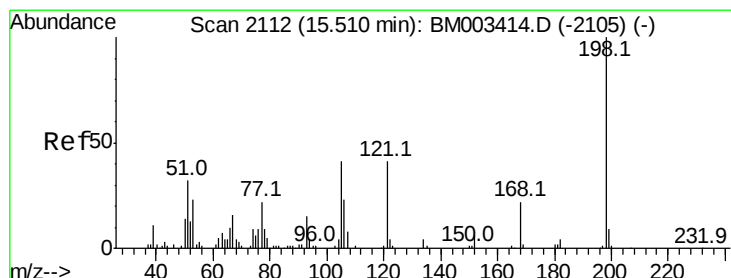
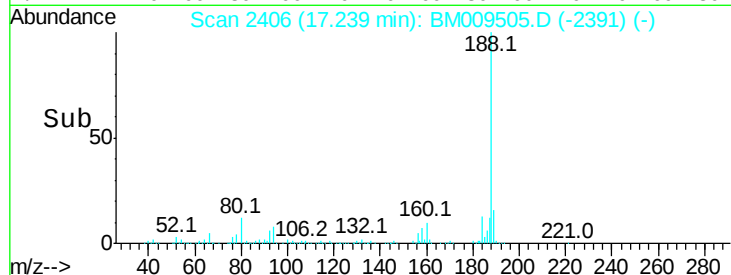
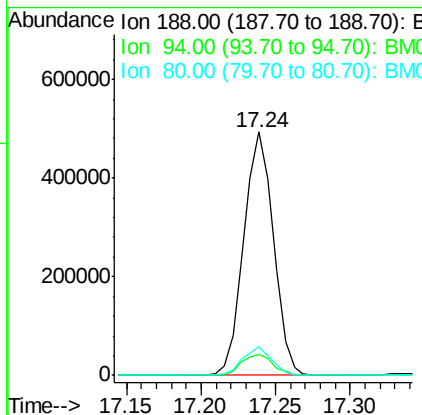
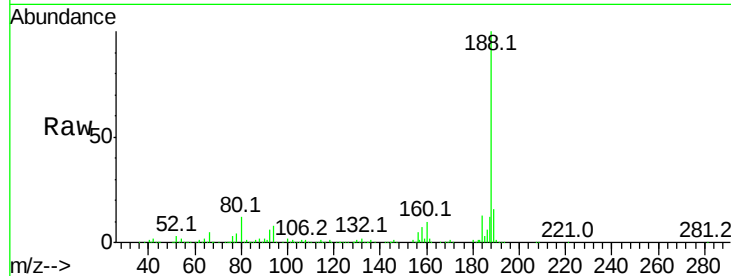
ClientSampleId :

WC-COMP-13MSD

Tot Ion:188	Resp: 679284
Ion Ratio	Lower Upper
188 100	
94 8.4	8.7 13.1#
80 11.6	9.3 13.9

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 39.74 ng

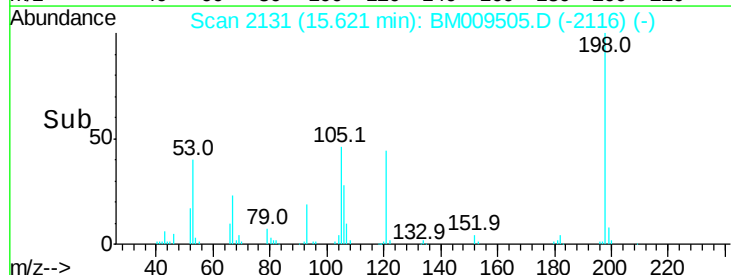
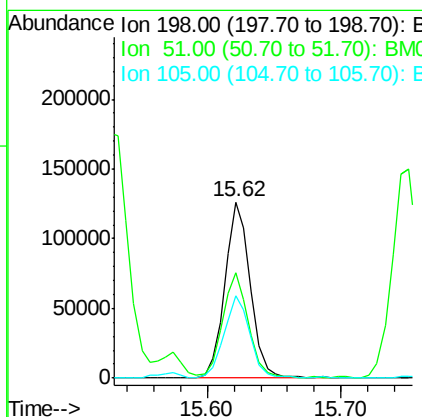
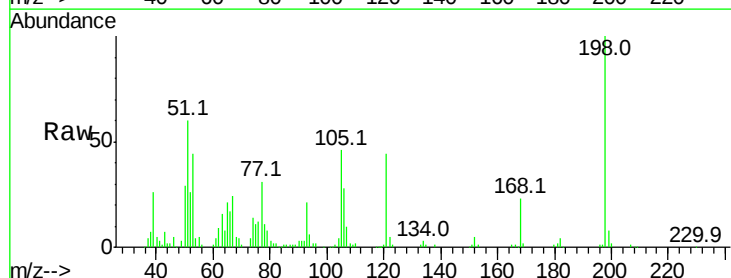
RT: 15.62 min Scan# 2131

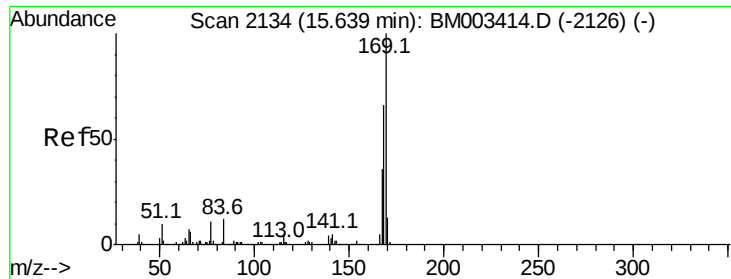
Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Tgt Ion:198	Resp: 170082
Ion Ratio	Lower Upper
198 100	
51 60.0	28.8 68.8
105 46.4	30.5 70.5





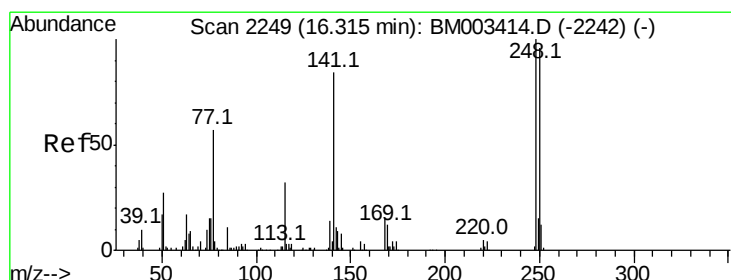
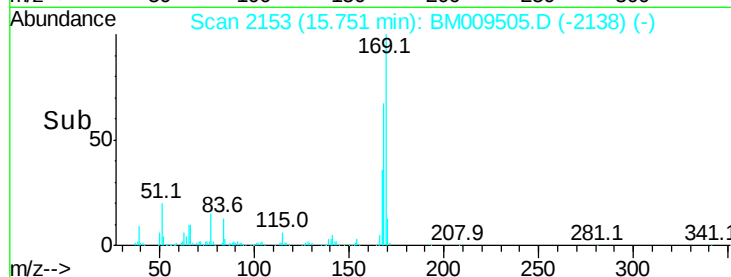
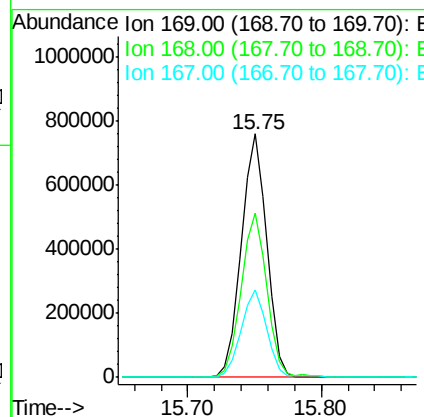
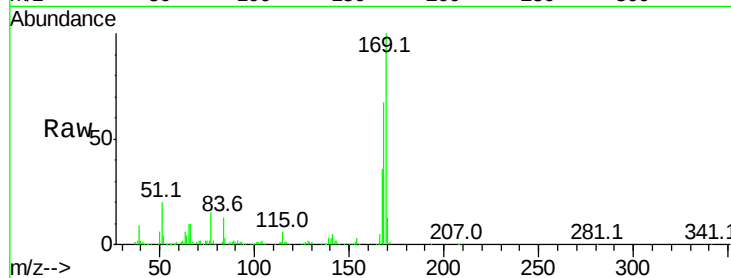
#65
n-Nitrosodiphenylamine
Concen: 48.52 ng
RT: 15.75 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion:169 Resp: 1001173
Ion Ratio Lower Upper
169 100
168 67.2 53.9 80.9
167 35.8 28.9 43.3

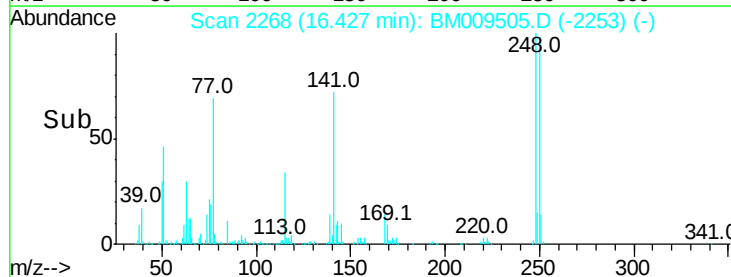
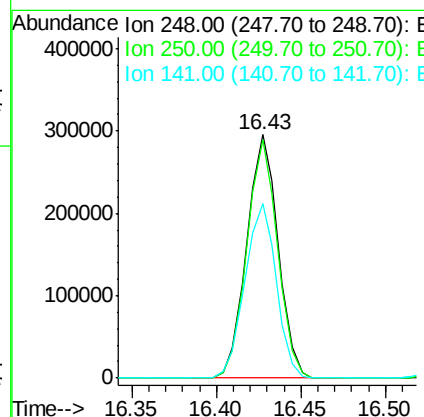
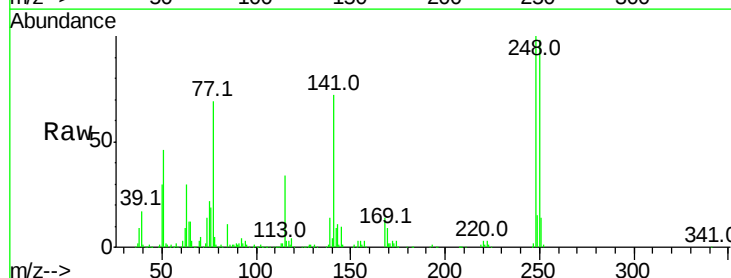
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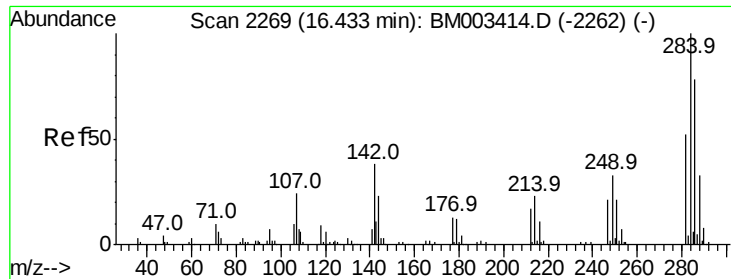
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#66
4-Bromophenyl-phenylether
Concen: 48.58 ng
RT: 16.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion:248 Resp: 382311
Ion Ratio Lower Upper
248 100
250 97.9 77.4 116.0
141 71.8 45.2 67.8#





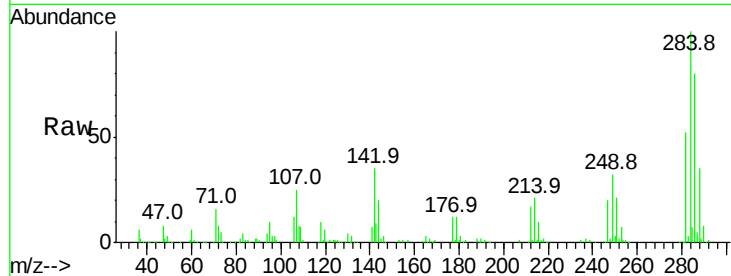
#67
Hexachlorobenzene
Concen: 47.47 ng
RT: 16.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

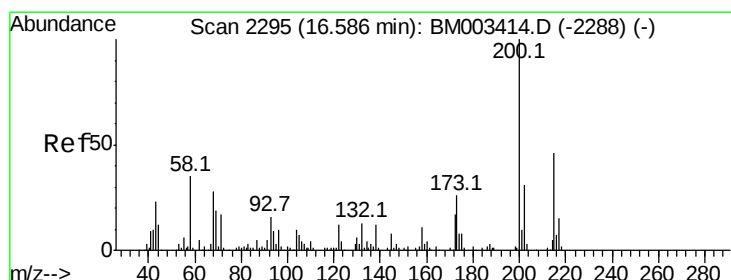
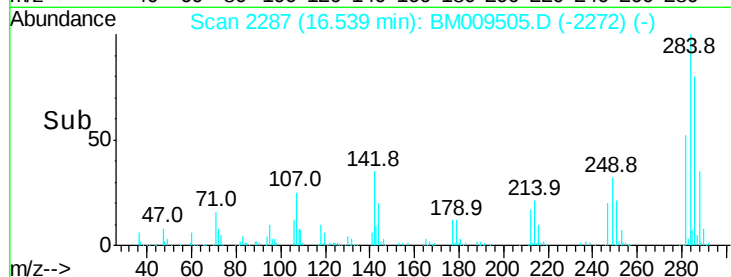
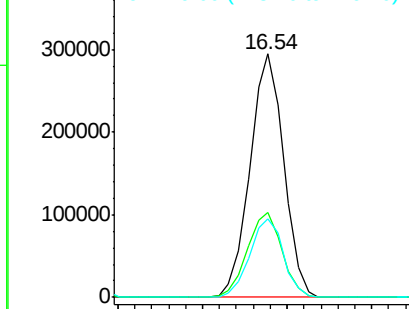
Tot Ion	Ratio	Resp	Lower	Upper
284	100	409506		
142	34.7	20.4	30.6	
249	32.1	23.8	35.6	

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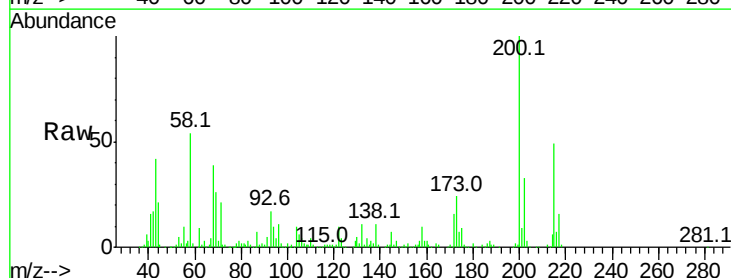


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

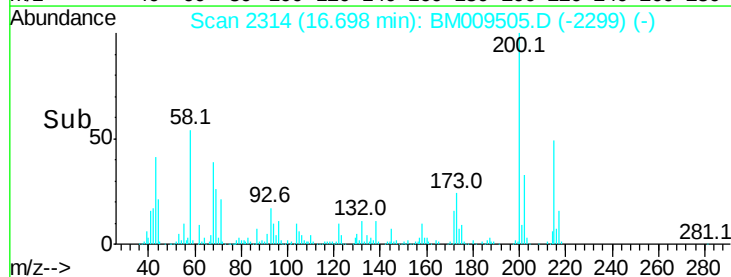
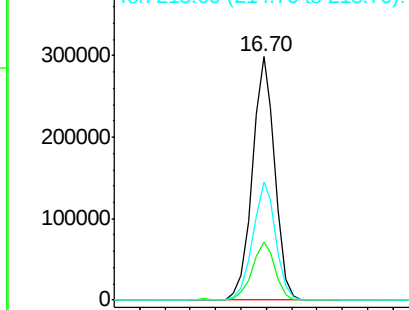


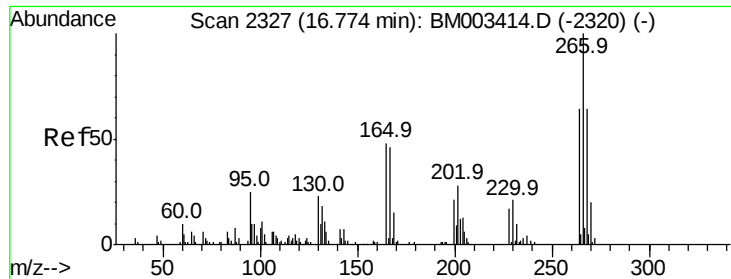
#68
Atrazine
Concen: 47.52 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	368768		
173	23.7	4.8	44.8	
215	48.6	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





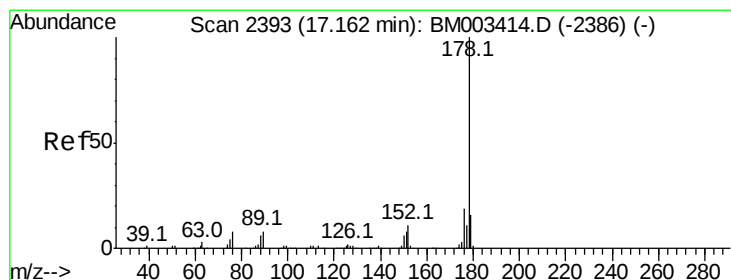
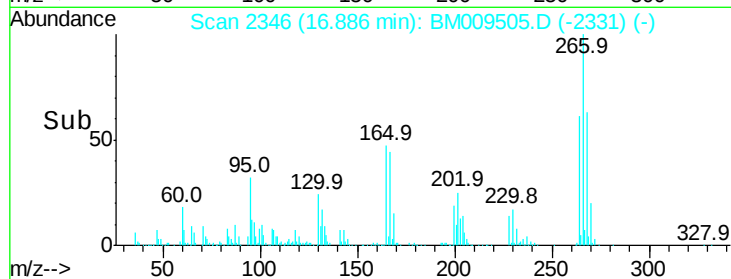
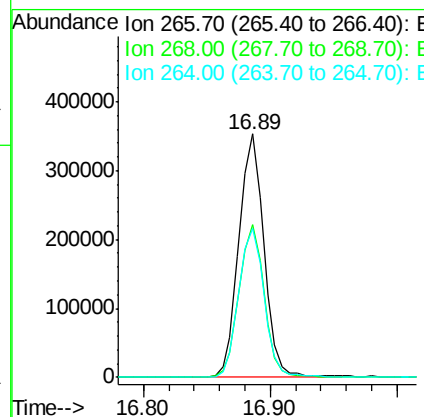
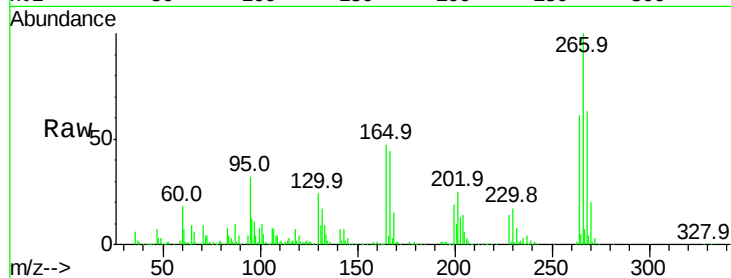
#69
 Pentachlorophenol
 Concen: 91.83 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	483931		
268	62.6		52.0	78.0
264	61.4		49.0	73.4

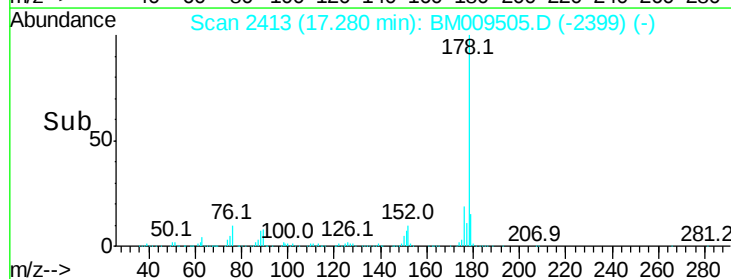
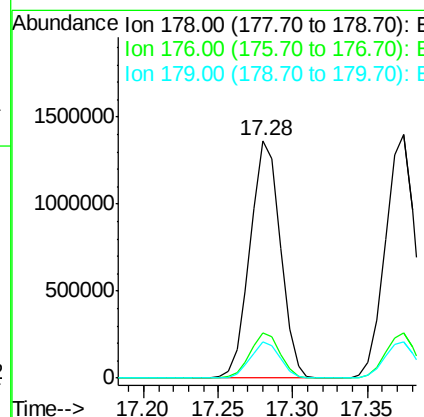
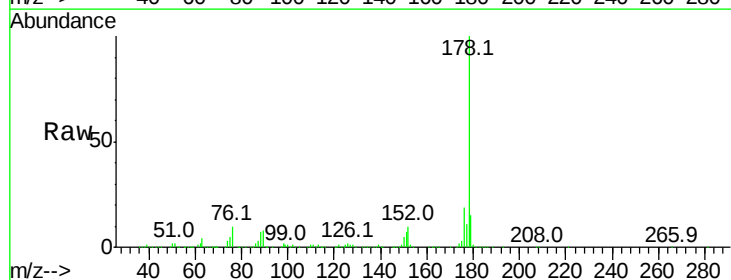
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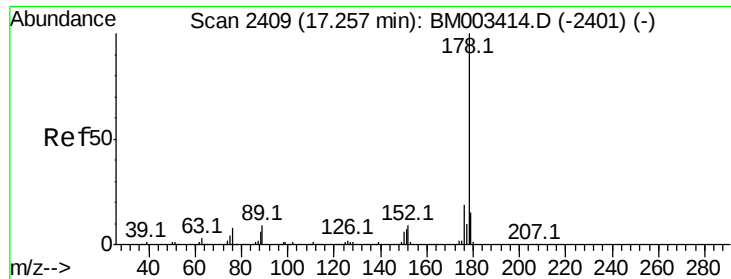
mohammad
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#70
 Phenanthrene
 Concen: 49.26 ng
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1913584		
176	18.8		15.2	22.8
179	15.2		12.1	18.1





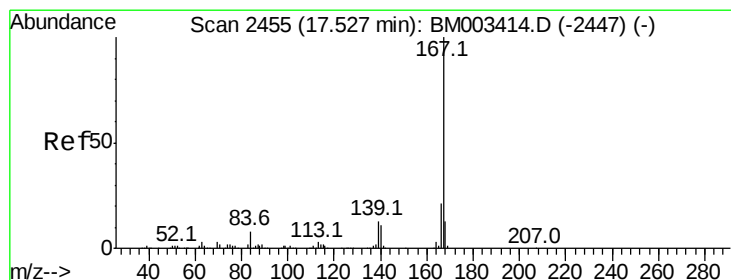
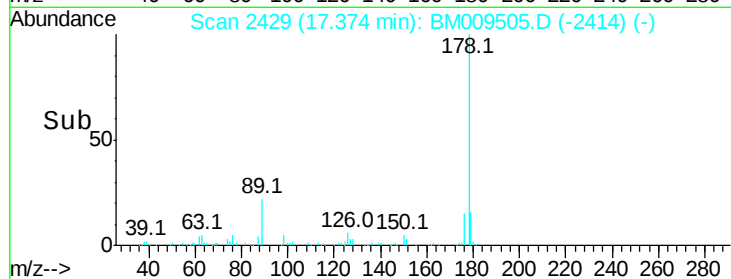
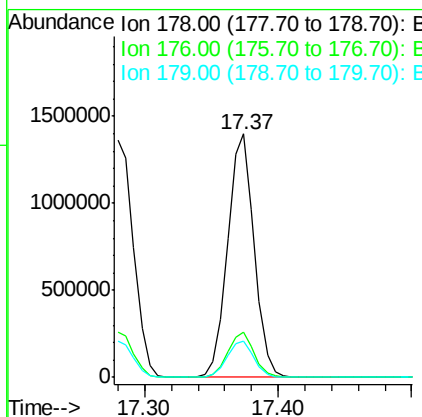
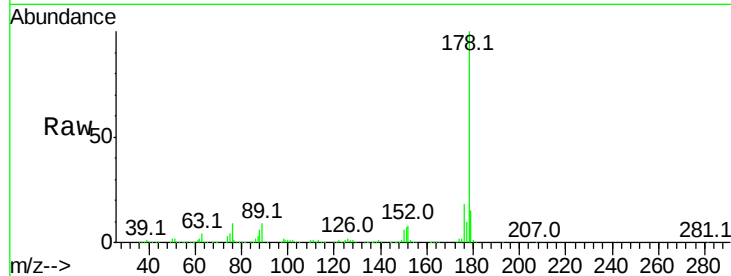
#71
 Anthracene
 Concen: 49.26 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	14.9	12.6	19.0

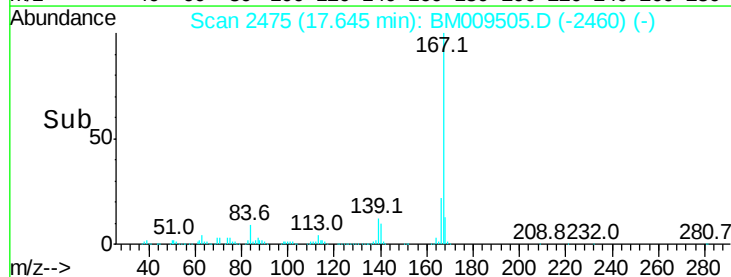
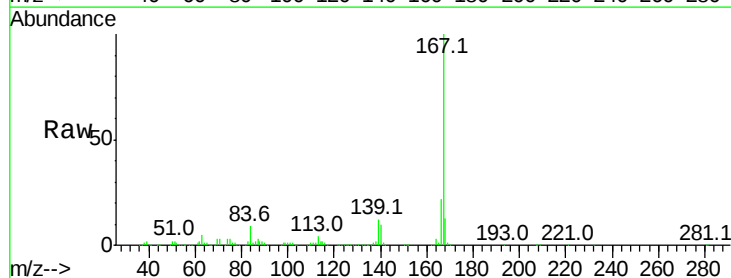
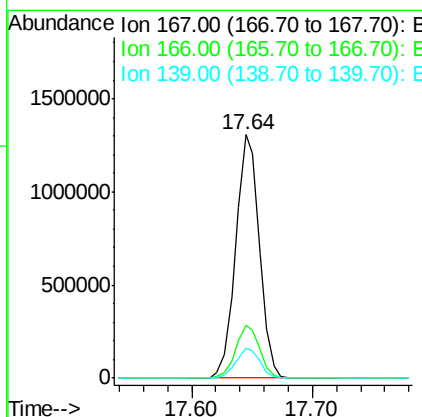
Manual Integrations
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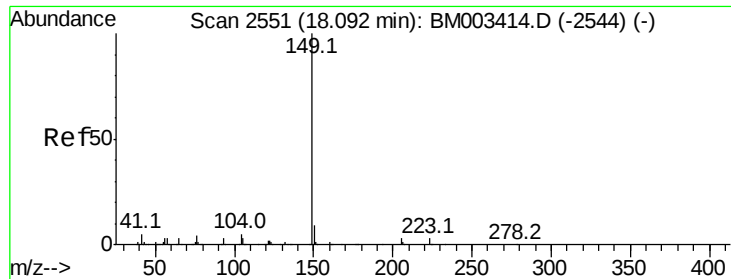
mohammad
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#72
 Carbazole
 Concen: 47.33 ng
 RT: 17.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	12.4	10.8	16.2





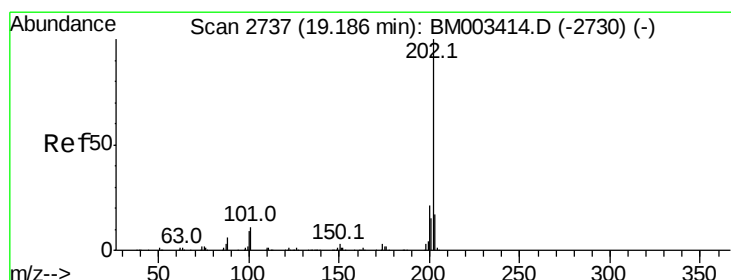
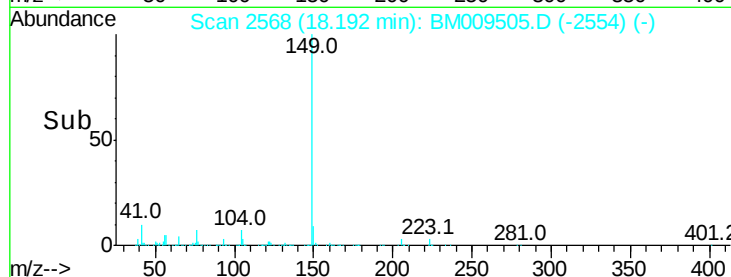
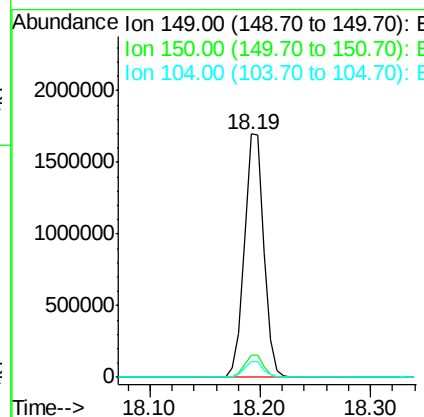
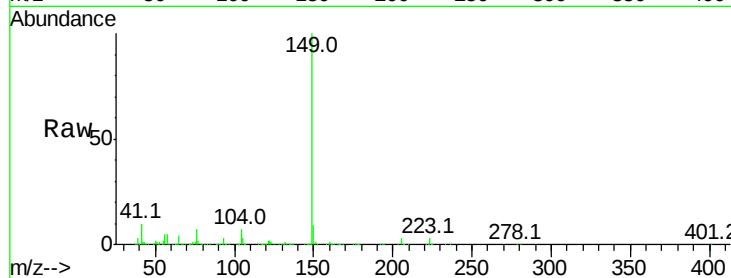
#73
Di-n-butylphthalate
Concen: 54.56 ng
RT: 18.19 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	6.5	3.7	5.5

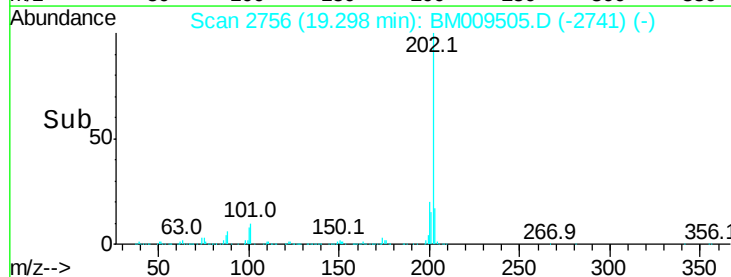
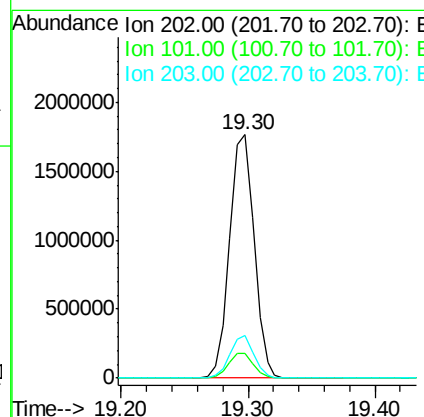
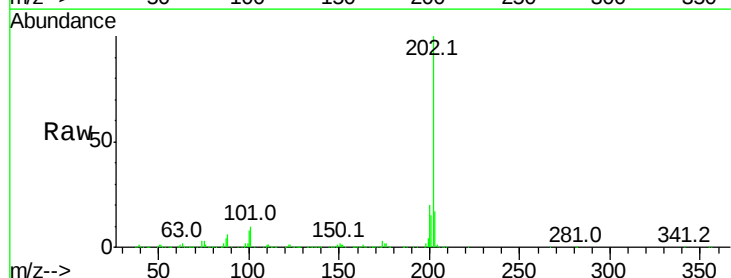
Manual Integrations
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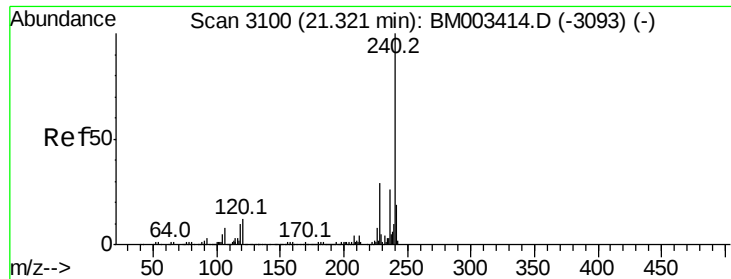
mohammad
4/4/2017 5:33:21 PM



#74
Fluoranthene
Concen: 51.44 ng
RT: 19.30 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	28.7
203	17.4	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Instrument :

BNA_M

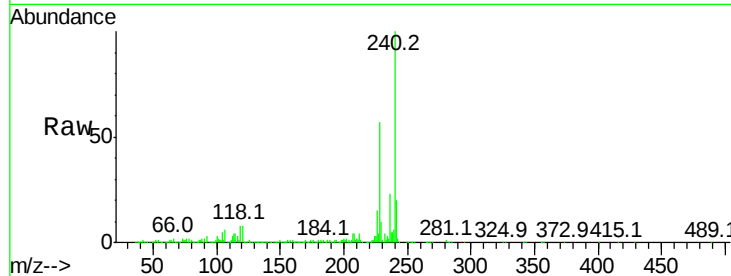
ClientSampleId :

WC-COMP-13MSD

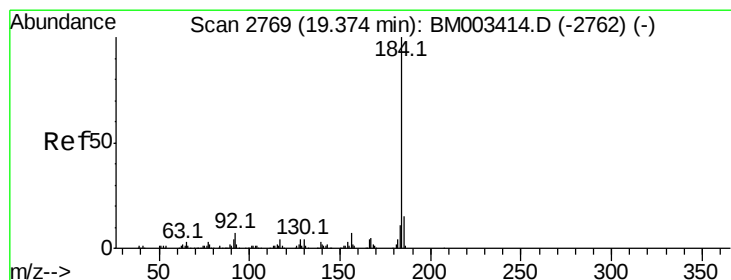
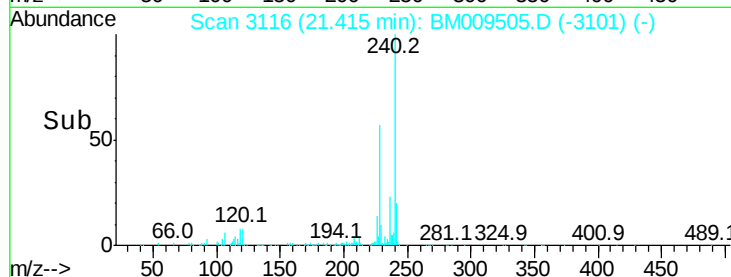
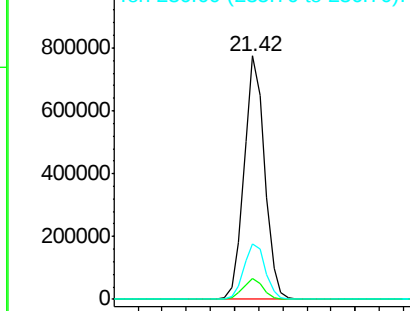
Tot Ion:	240	Resp:	918774
Ion Ratio	Lower	Upper	
240	100		
120	8.4	8.2	12.2
236	22.9	20.0	30.0

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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: 27.25 ng

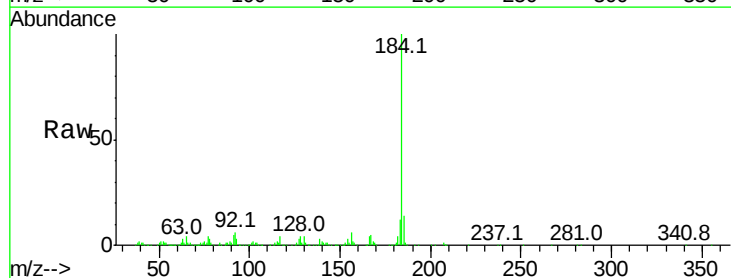
RT: 19.49 min Scan# 2788

Delta R.T. -0.01 min

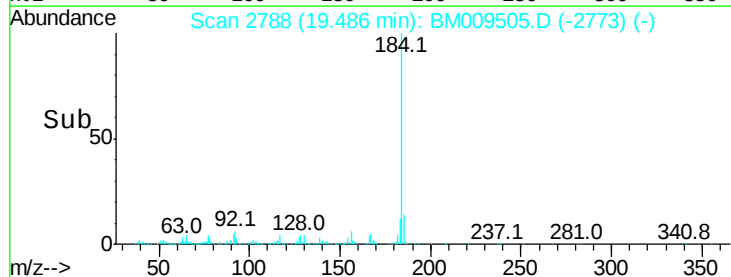
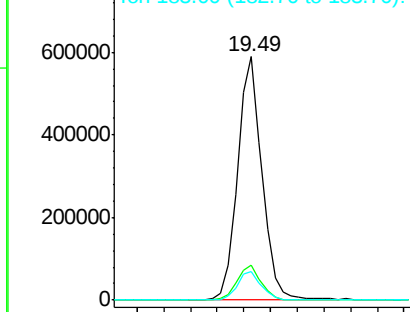
Lab File: BM009505.D

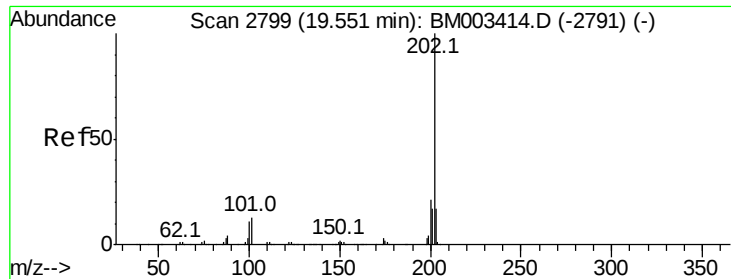
Acq: 03 Apr 2017 18:05

Tgt Ion:	184	Resp:	746078
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.3	16.9
183	11.7	8.9	13.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





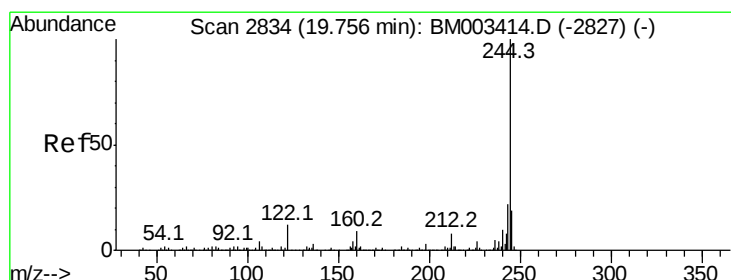
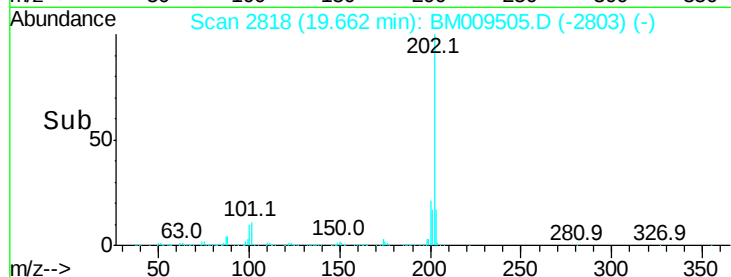
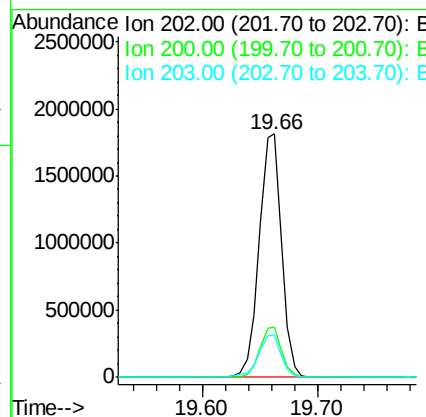
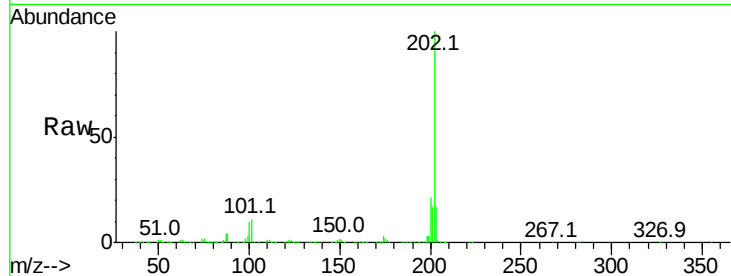
#77
Pvrene
Concen: 47.16 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.3	14.1	21.1

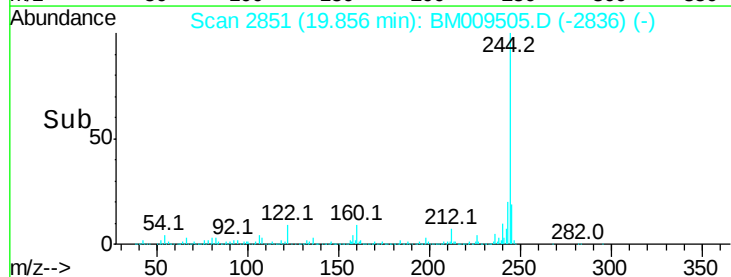
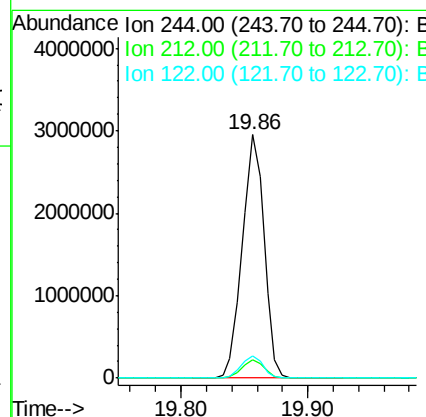
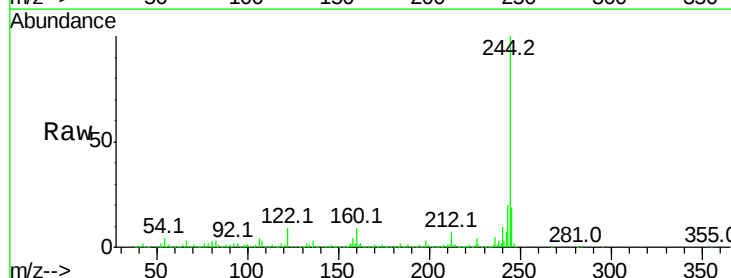
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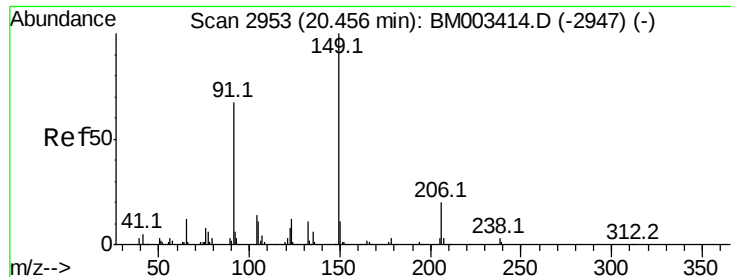
mohammad
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#78
Terphenyl-d14
Concen: 79.57 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	9.3	6.2	9.4





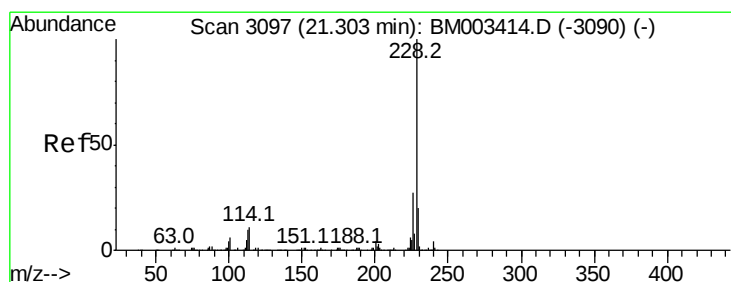
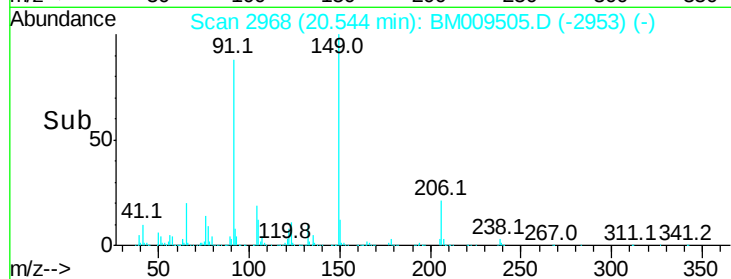
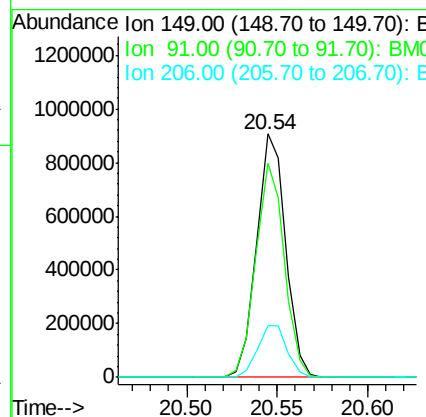
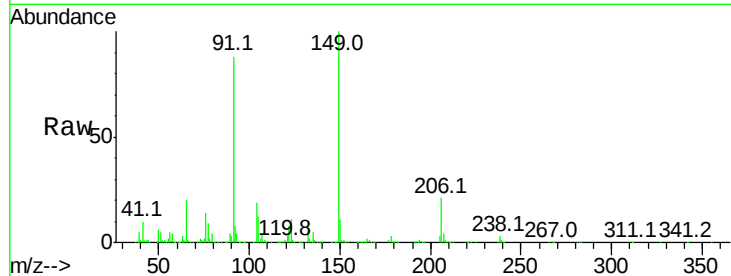
#79
Butylbenzylphthalate
Concen: 53.60 ng
RT: 20.54 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	87.8	50.1	75.1#
206	21.4	16.2	24.2

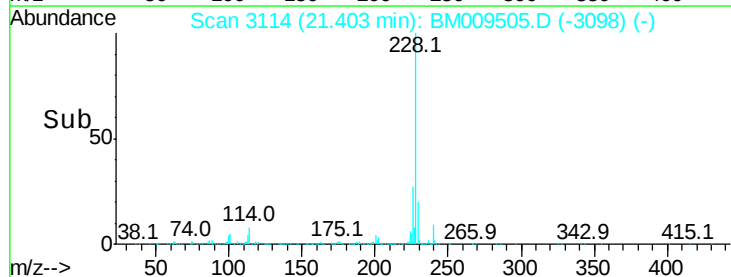
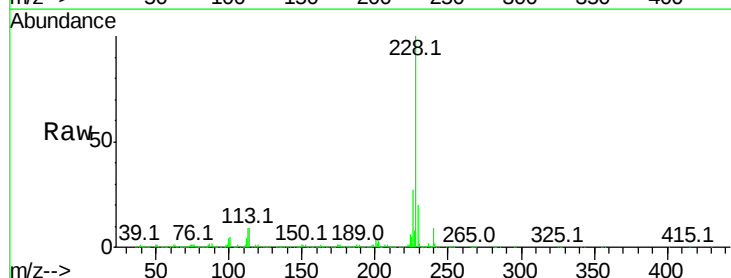
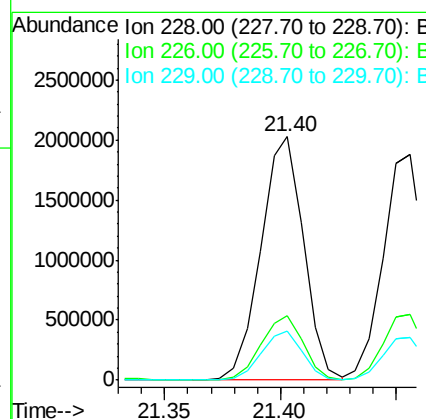
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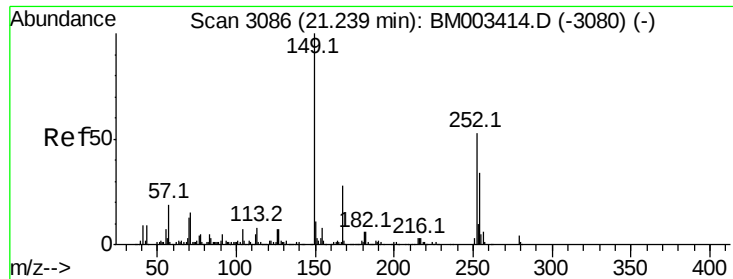
mohammad
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#80
Benzo(a)anthracene
Concen: 48.51 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.9	16.0	24.0





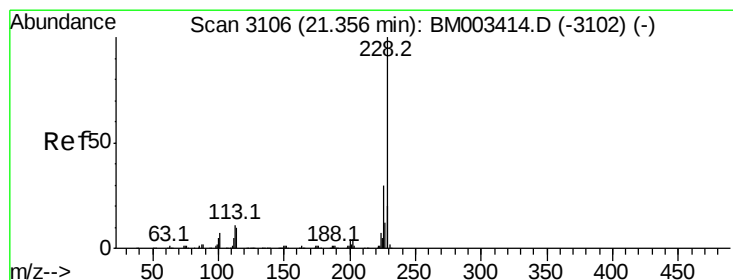
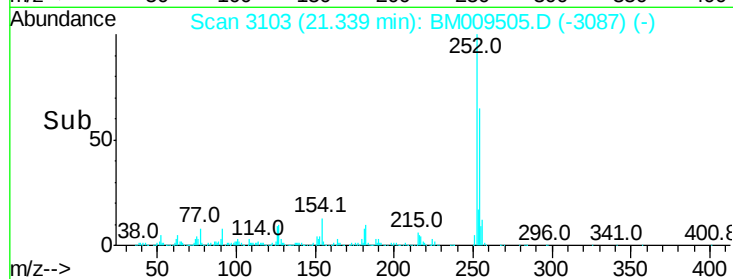
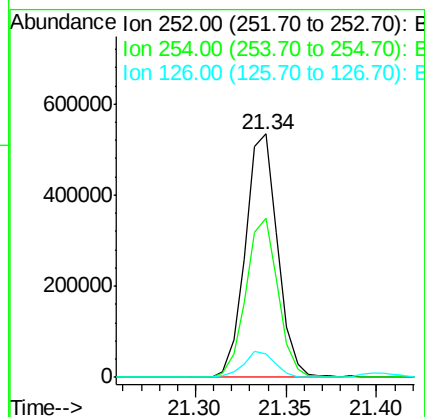
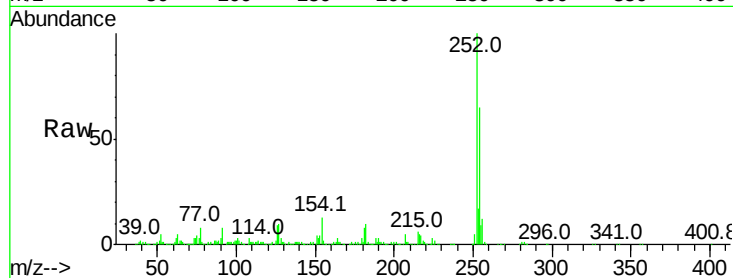
#81
 3,3'-Dichlorobenzidine
 Concen: 32.92 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.9	77.9
126	9.4	9.8	14.8

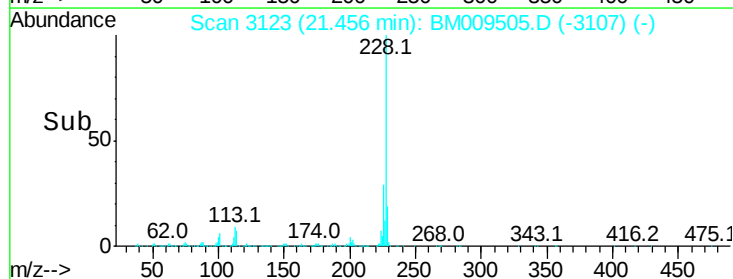
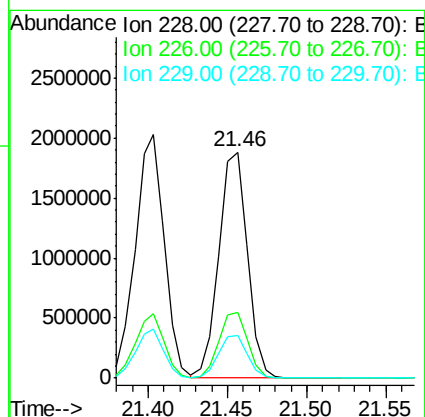
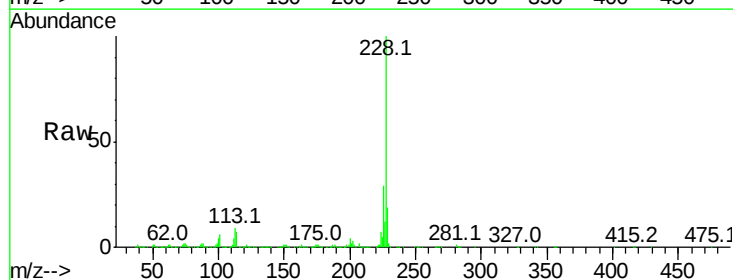
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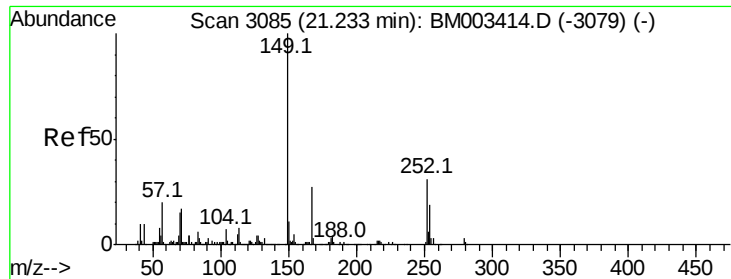
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#82
 Chrysene
 Concen: 45.98 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.1	36.1
229	19.1	15.5	23.3





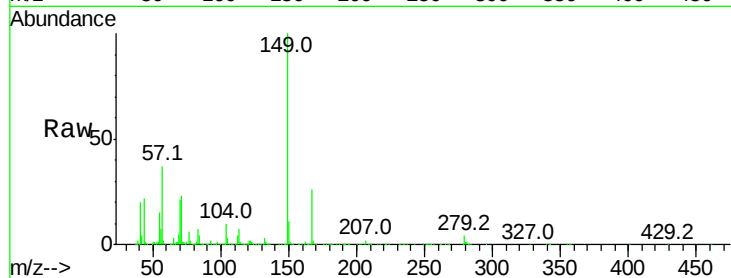
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.00 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

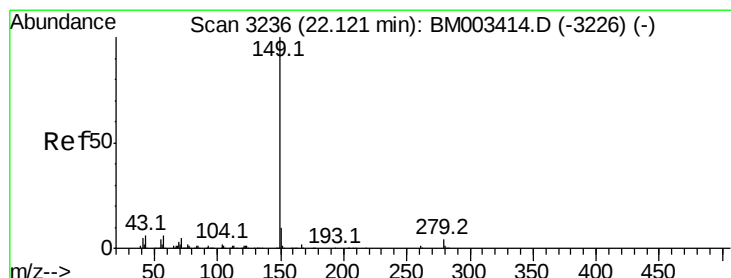
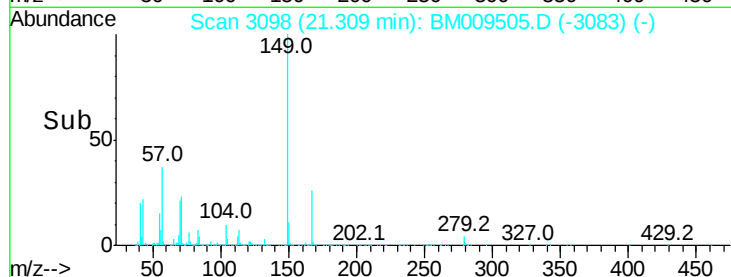
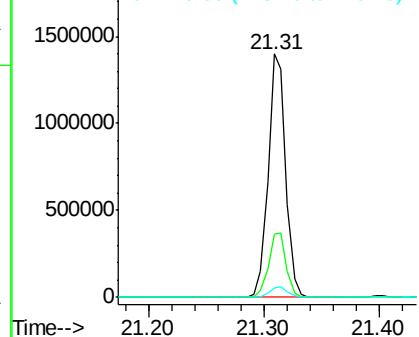
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	22.4	33.6
279	3.8	3.4	5.0

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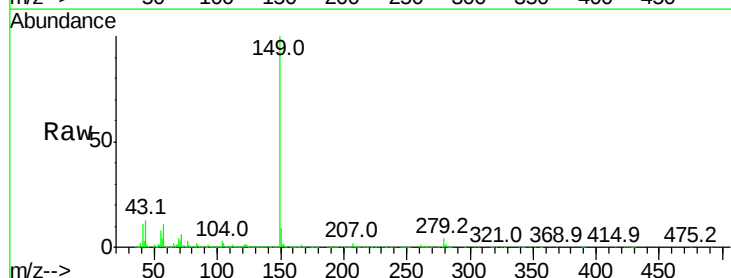


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

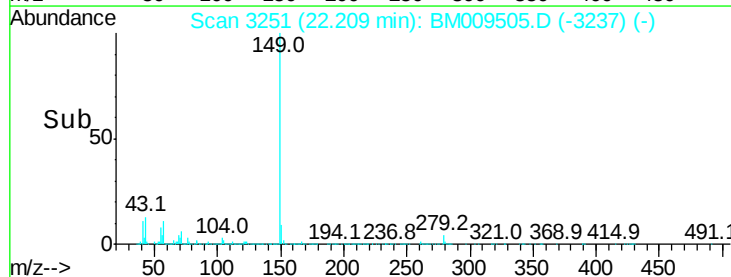
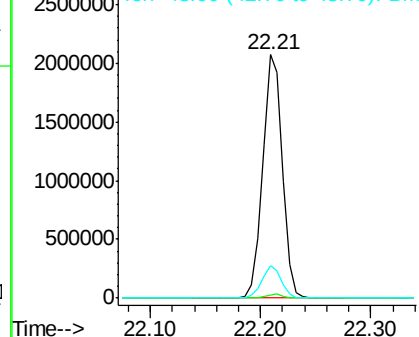


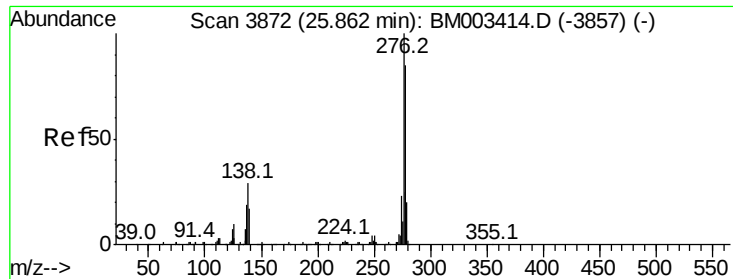
#84
 Di-n-octyl phthalate
 Concen: 55.39 ng
 RT: 22.21 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	13.0	7.3	10.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM0





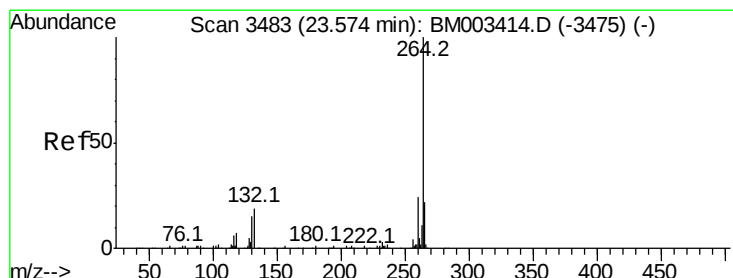
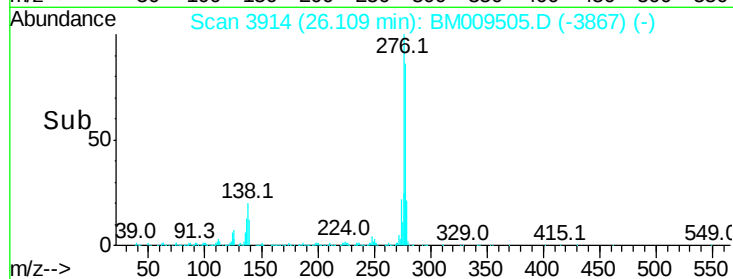
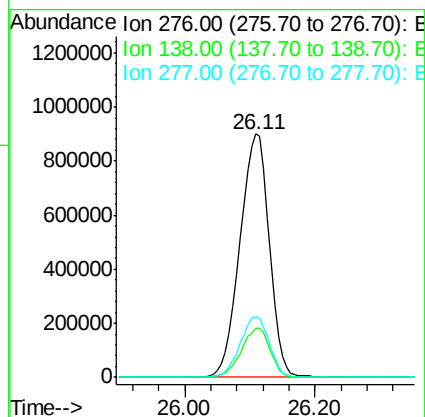
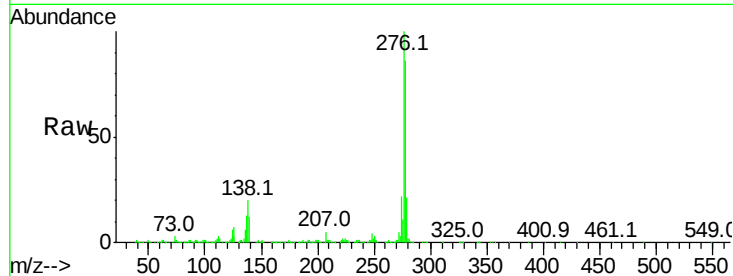
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.25 ng
RT: 26.11 min Scan# 3914
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion:276 Resp: 2808043
Ion Ratio Lower Upper
276 100
138 20.0 0.0 0.0#
277 25.0 0.0 0.0#

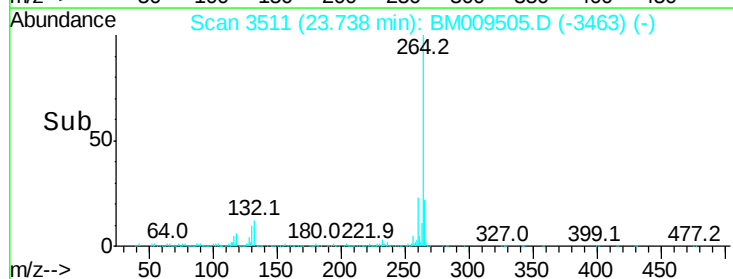
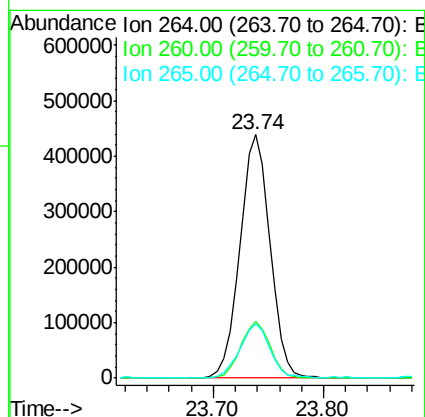
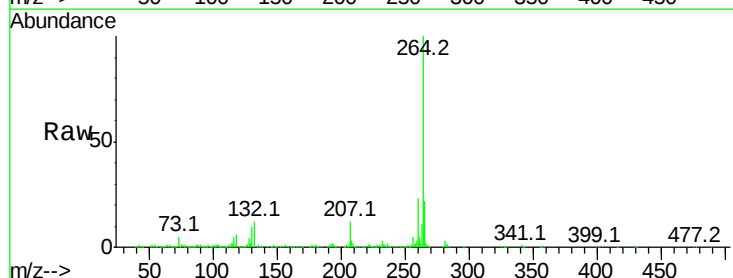
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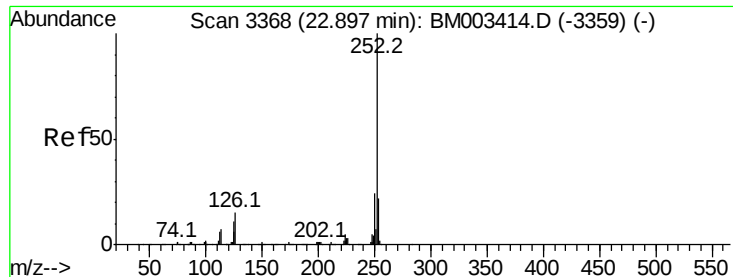
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion:264 Resp: 842470
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 22.2 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 47.91 ng

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MSD

Tot Ion:252 Resp: 2558367

Ion Ratio Lower Upper

252 100

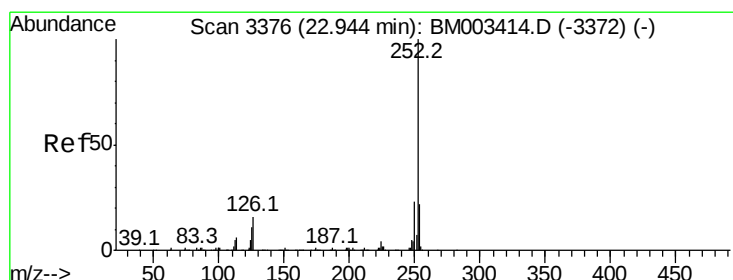
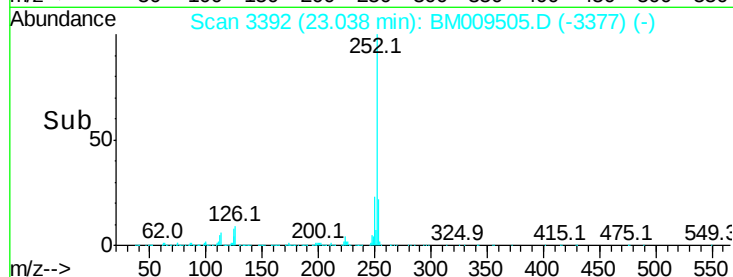
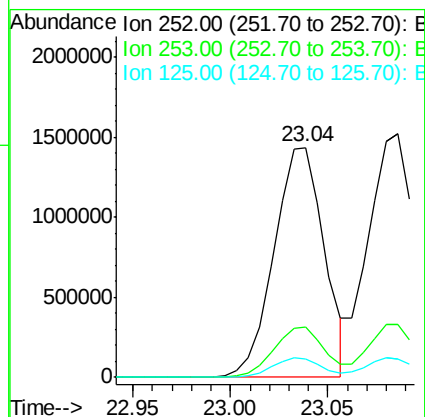
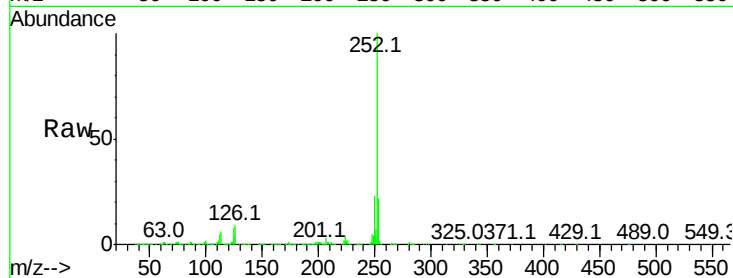
253 21.8 18.0 27.0

125 7.7 9.9 14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 49.58 ng

RT: 23.09 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM009505.D

Acq: 03 Apr 2017 18:05

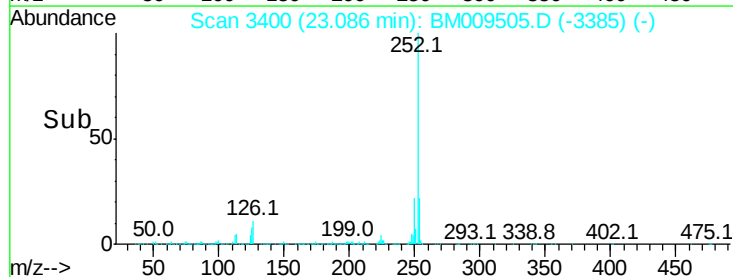
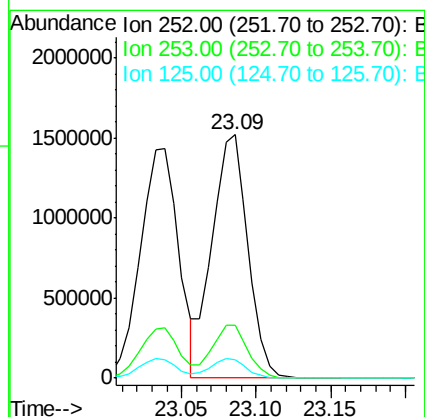
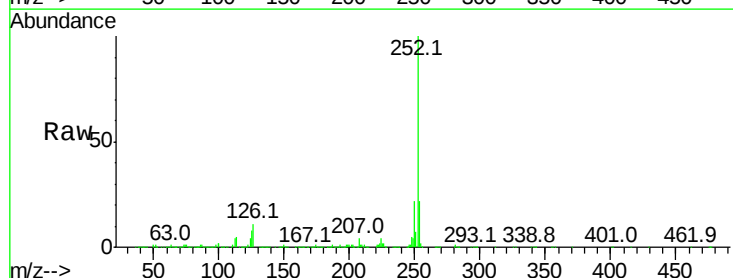
Tgt Ion:252 Resp: 2546229

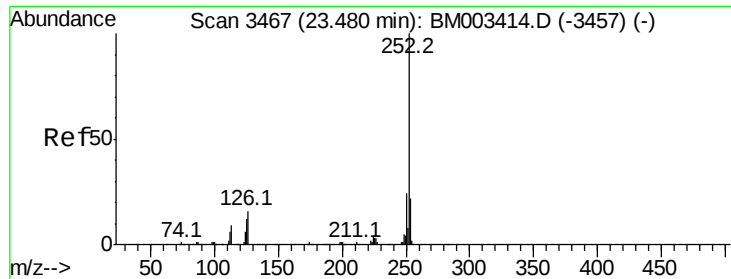
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 7.7 8.1 12.1#





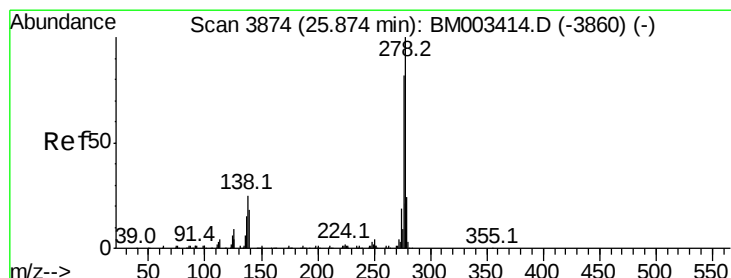
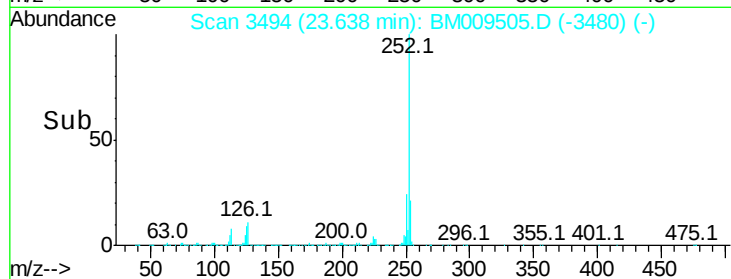
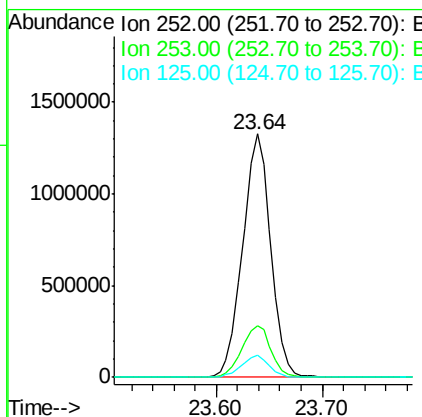
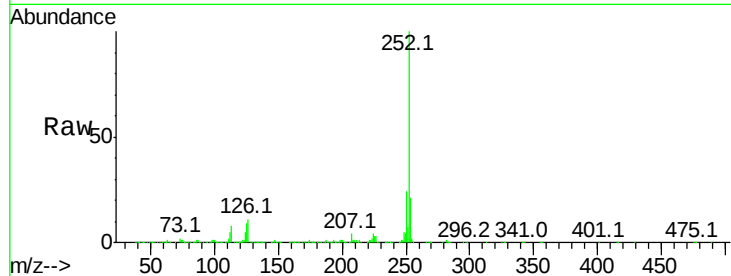
#89
Benzo(a)pyrene
Concen: 49.52 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	9.0	7.4	11.2

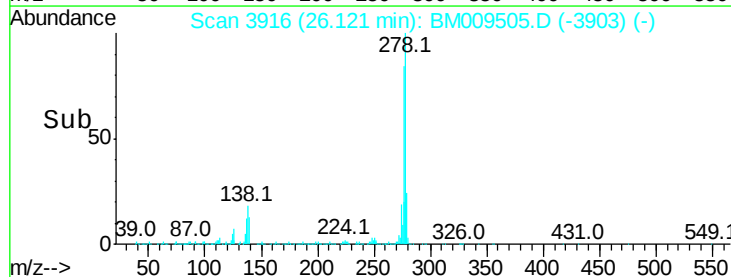
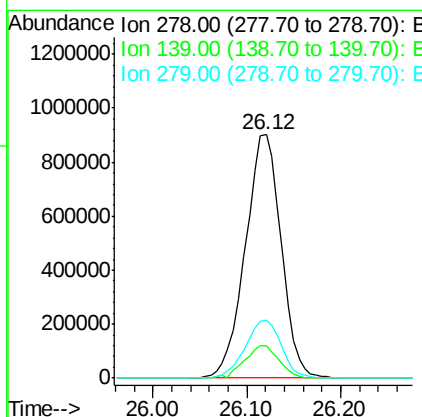
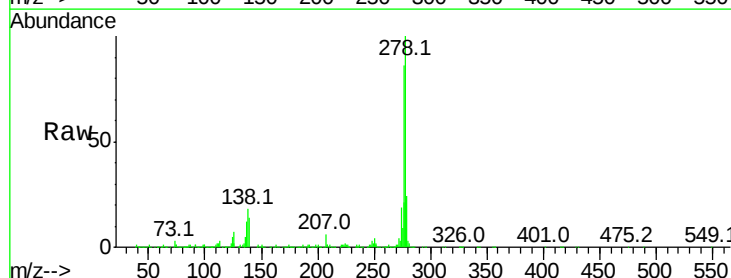
Manual Integrations
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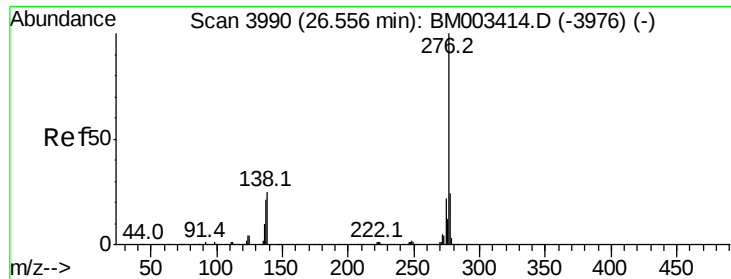
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 49.12 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM009505.D
Acq: 03 Apr 2017 18:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	13.4	20.0
279	23.6	19.0	28.4





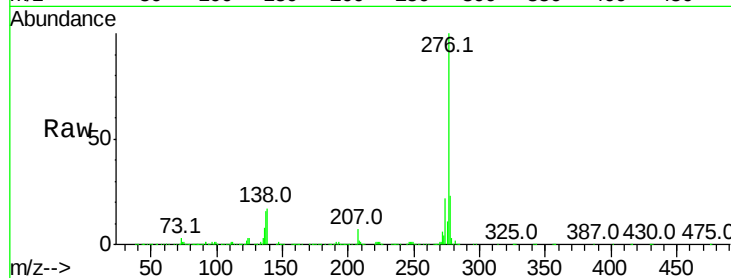
#91
 Benzo(a,h,i)perylene
 Concen: 48.00 ng
 RT: 26.84 min Scan# 4038
 Delta R.T. -0.02 min
 Lab File: BM009505.D
 Acq: 03 Apr 2017 18:05

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.5	27.7
138	17.4	19.0	28.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

