

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009504.D
 Acq On : 03 Apr 2017 17:29
 Operator : SJ/MA
 Sample : I2488-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MS

Manual Integrations
 APPROVED

mohammad
 4/4/2017 5:33:18 PM

Quant Time: Apr 04 03:29:14 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	107131	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	423020	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	253921	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	620826	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	853592	20.00	ng	-0.01
86) Perylene-d12	23.74	264	819611	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	852391	132.62	ng	-0.01
7) Phenol-d6	7.01	99	1112442	126.93	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1010471	89.56	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	485736	153.98	ng	-0.01
44) 2-Fluorobiphenyl	13.10	172	1838455	87.24	ng	-0.02
78) Terphenyl-d14	19.86	244	3174303	77.71	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	109726	33.95	ng	# 100
3) Pyridine	3.76	79	327593	35.87	ng	# 79
4) n-Nitrosodimethylamine	3.67	42	219544	45.15	ng	# 64
6) Aniline	7.18	93	230043	19.31	ng	# 87
8) 2-Chlorophenol	7.41	128	306337	47.01	ng	# 80
9) Benzaldehyde	6.99	77	257308	37.30	ng	83
10) Phenol	7.03	94	390116	41.08	ng	91
11) bis(2-Chloroethyl)ether	7.27	93	350864	45.07	ng	83
12) 1,3-Dichlorobenzene	7.73	146	319183	40.91	ng	# 89
13) 1,4-Dichlorobenzene	7.88	146	333365	41.35	ng	# 92
14) 1,2-Dichlorobenzene	8.20	146	329708	42.12	ng	# 92
15) Benzyl Alcohol	8.09	79	390178	50.92	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	590659	43.66	ng	94
17) 2-Methylphenol	8.28	107	280194	45.09	ng	# 84
18) Hexachloroethane	8.92	117	138805	42.09	ng	90
19) n-Nitroso-di-n-propylamine	8.65	70	334322	47.32	ng	# 90
20) 3+4-Methylphenols	8.61	107	362856	42.95	ng	91
22) Acetophenone	8.67	105	547008	45.85	ng	# 91
24) Nitrobenzene	9.06	77	508095	45.97	ng	91
25) Isophorone	9.57	82	848826	49.32	ng	# 88
26) 2-Nitrophenol	9.76	139	150055	45.01	ng	# 37
27) 2,4-Dimethylphenol	9.81	122	285825	46.87	ng	# 75
28) bis(2-Chloroethoxy)methane	10.05	93	493222	46.28	ng	100
29) 2,4-Dichlorophenol	10.29	162	299483	46.97	ng	89
30) 1,2,4-Trichlorobenzene	10.50	180	358077	45.27	ng	94
31) Naphthalene	10.69	128	1051492	46.83	ng	99
32) Benzoic acid	9.93	122	121698	29.56	ng	# 69
33) 4-Chloroaniline	10.82	127	47131	5.44	ng	# 76
34) Hexachlorobutadiene	10.96	225	232262	42.88	ng	96
35) Caprolactam	11.59	113	80975m	41.60	ng	
36) 4-Chloro-3-methylphenol	11.93	107	348954	48.38	ng	# 82
37) 2-Methylnaphthalene	12.30	142	751969	48.52	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	422516	44.07	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	463117	84.17	ng	97

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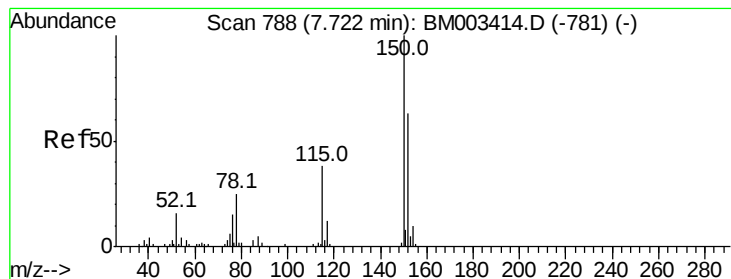
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	266106	48.55	nq	99
43) 2,4,5-Trichlorophenol	12.99	196	270680	44.26	nq	# 87
45) 1,1'-Biphenyl	13.32	154	989553	46.82	nq	97
46) 2-Chloronaphthalene	13.36	162	783493	47.73	nq	95
47) 2-Nitroaniline	13.57	65	317846	52.56	nq	# 71
48) Acenaphthylene	14.22	152	1245571	46.59	nq	99
49) Dimethylphthalate	13.95	163	999439	51.26	nq	99
50) 2,6-Dinitrotoluene	14.07	165	215382	51.27	nq	# 69
51) Acenaphthene	14.56	154	782079	48.48	nq	98
52) 3-Nitroaniline	14.40	138	66646	16.10	nq	# 38
53) 2,4-Dinitrophenol	14.62	184	188338	67.39	nq	98
54) Dibenzofuran	14.89	168	1254133	52.57	nq	93
55) 4-Nitrophenol	14.70	139	315684	92.27	nq	# 13
56) 2,4-Dinitrotoluene	14.86	165	310201	54.57	nq	# 99
57) Fluorene	15.54	166	1040309	48.52	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	264989	51.23	nq	# 100
59) Diethylphthalate	15.31	149	1109605	56.10	nq	98
60) 4-Chlorophenyl-phenylether	15.53	204	544923	48.67	nq	95
61) 4-Nitroaniline	15.57	138	230000	51.16	nq	# 32
62) Azobenzene	15.83	77	1327784	57.51	nq	86
64) 4,6-Dinitro-2-methylphenol	15.62	198	151402	38.71	nq	87
65) n-Nitrosodiphenylamine	15.75	169	884828	46.92	nq	99
66) 4-Bromophenyl-phenylether	16.43	248	336986	46.85	nq	# 89
67) Hexachlorobenzene	16.54	284	372368	47.23	nq	# 92
68) Atrazine	16.70	200	333236	46.98	nq	98
69) Pentachlorophenol	16.89	266	405095	84.11	nq	97
70) Phenanthrene	17.28	178	1696560	47.79	nq	100
71) Anthracene	17.37	178	1720566	47.87	nq	99
72) Carbazole	17.64	167	1587381	46.12	nq	98
73) Di-n-butylphthalate	18.19	149	1862794	52.98	nq	# 98
74) Fluoranthene	19.30	202	2107795	50.13	nq	98
76) Benzidine	19.49	184	599499	23.57	nq	99
77) Pyrene	19.66	202	2205171	45.55	nq	99
79) Butylbenzylphthalate	20.54	149	902874	51.79	nq	# 74
80) Benzo(a)anthracene	21.40	228	2408261	48.31	nq	98
81) 3,3'-Dichlorobenzidine	21.34	252	382256	20.48	nq	# 97
82) Chrysene	21.46	228	2184332	45.89	nq	98
83) Bis(2-ethylhexyl)phthalate	21.31	149	1322822	50.85	nq	98
84) Di-n-octyl phthalate	22.21	149	2390892	55.23	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2695543	51.92	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	2419602	46.57	nq	# 95
88) Benzo(k)fluoranthene	23.09	252	2415533	48.35	nq	# 97
89) Benzo(a)pyrene	23.64	252	2333796	48.51	nq	100
90) Dibenzo(a,h)anthracene	26.12	278	2270500	48.17	nq	# 95
91) Benzo(g,h,i)perylene	26.84	276	2172319	47.28	nq	# 92

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



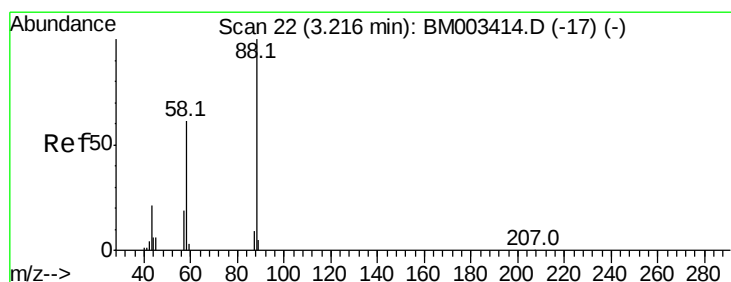
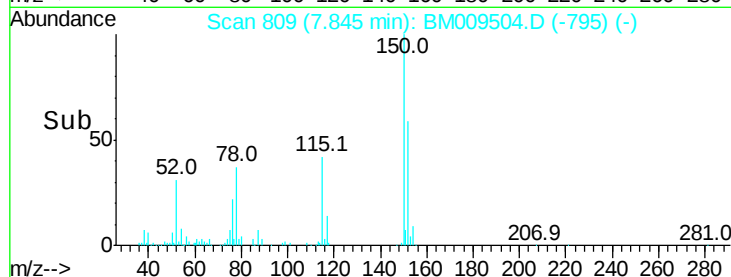
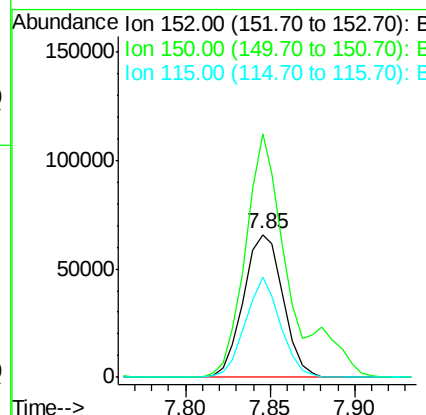
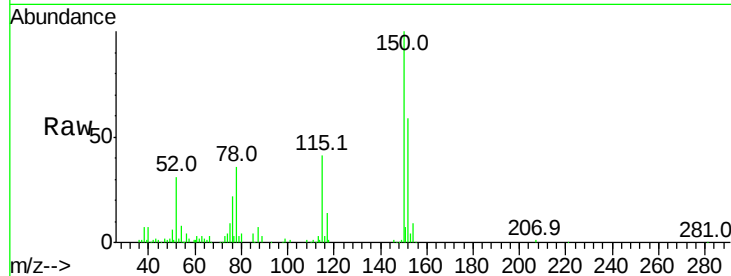
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.85 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	170.5	119.5	179.3
115	70.6	43.0	64.4

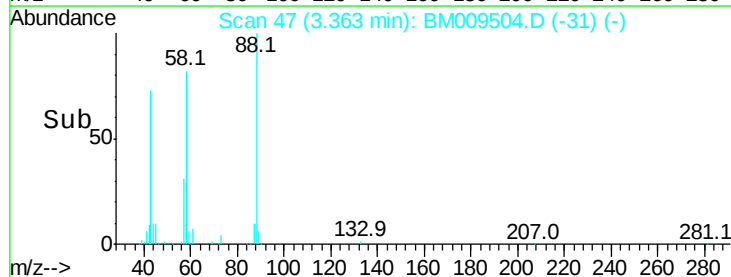
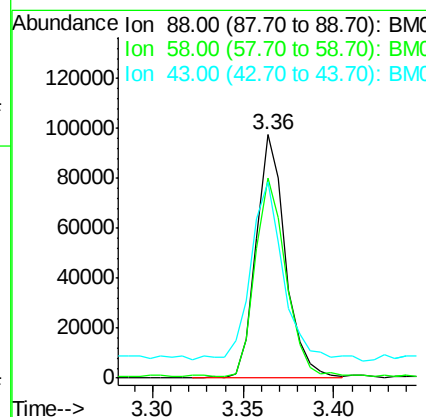
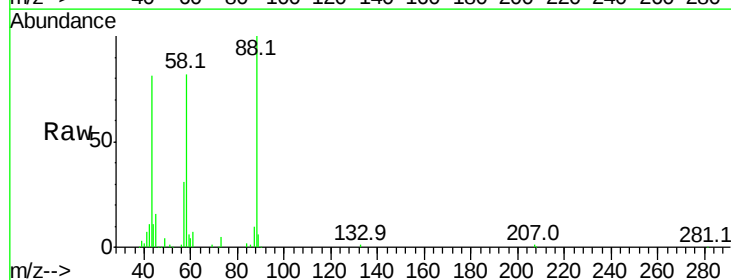
Manual Integrations
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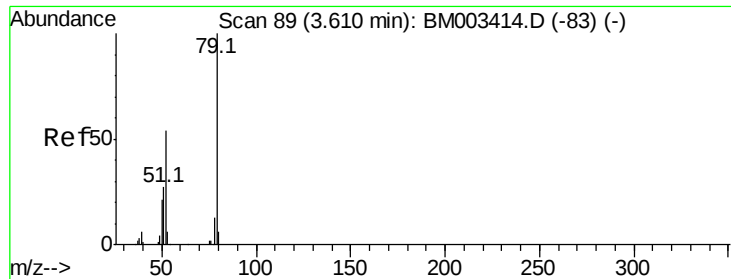
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#2
 1,4-Dioxane
 Concen: 33.95 ng
 RT: 3.36 min Scan# 47
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.2	0.0	0.0
43	83.4	0.0	0.0





#3

Pvridine

Concen: 35.87 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

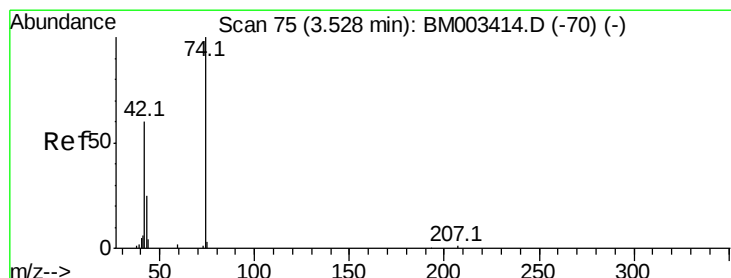
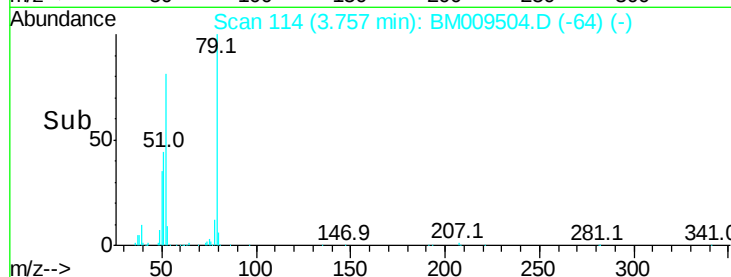
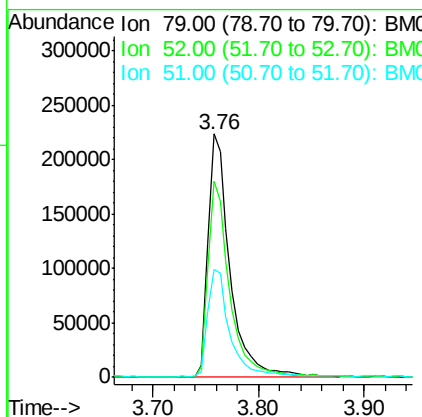
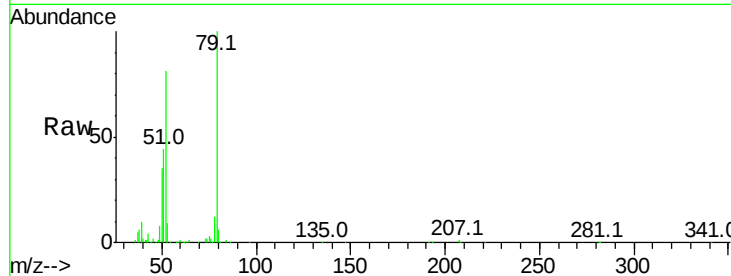
ClientSampleId :

WC-COMP-13MS

Tot Ion	79	Resp	327593
Ion Ratio	Lower	Upper	
79	100		
52	80.5	51.1	76.7#
51	44.2	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 45.15 ng

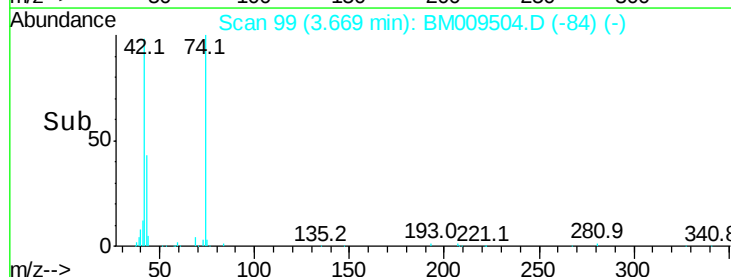
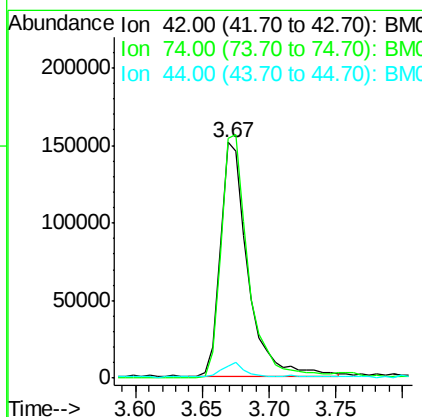
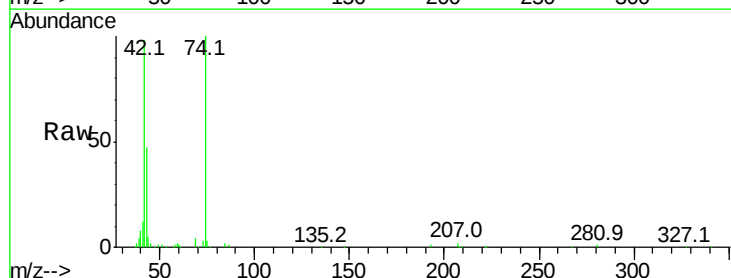
RT: 3.67 min Scan# 99

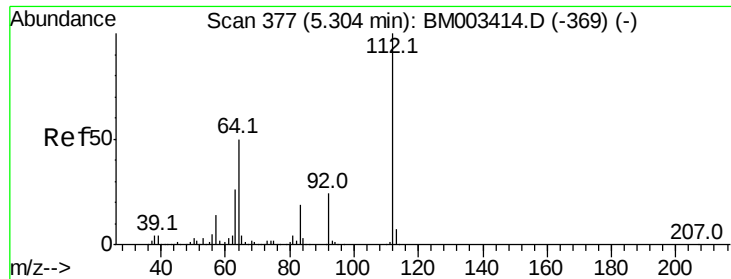
Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Tgt Ion	42	Resp	219544
Ion Ratio	Lower	Upper	
42	100		
74	102.0	119.3	178.9#
44	5.1	5.4	8.2#





#5

2-Fluorophenol

Concen: 132.62 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

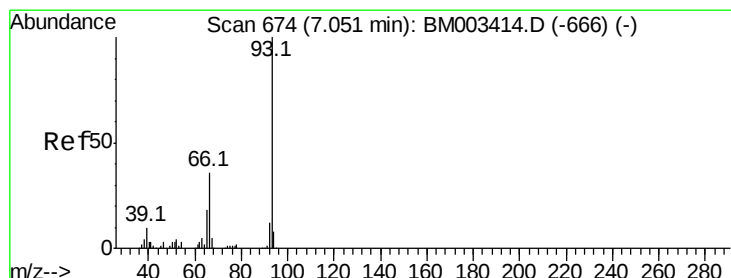
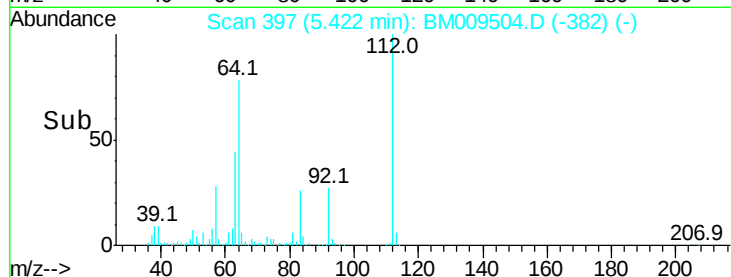
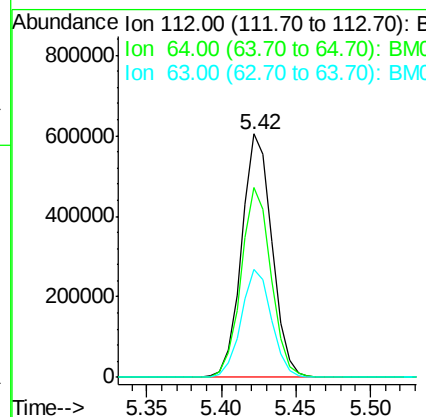
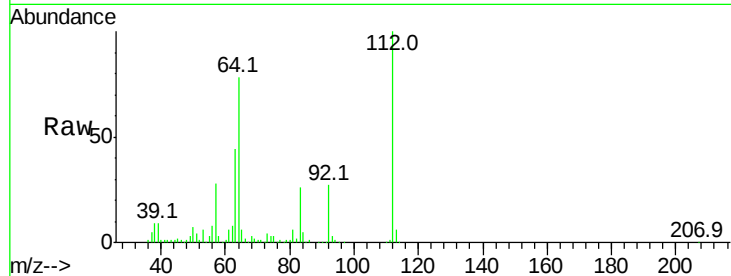
ClientSampleId :

WC-COMP-13MS

Tot Ion:	112	Resp:	852391
Ion Ratio	Lower	Upper	
112	100		
64	78.0	38.6	57.8#
63	44.3	19.3	28.9#

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#6

Aniline

Concen: 19.31 ng

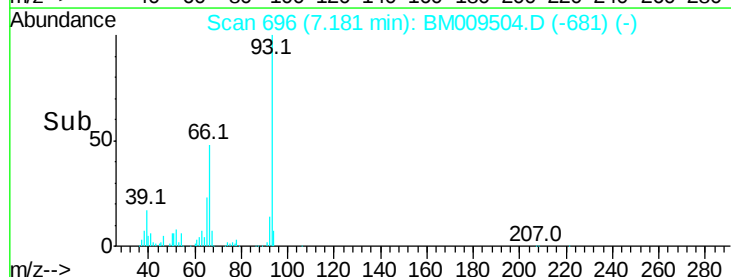
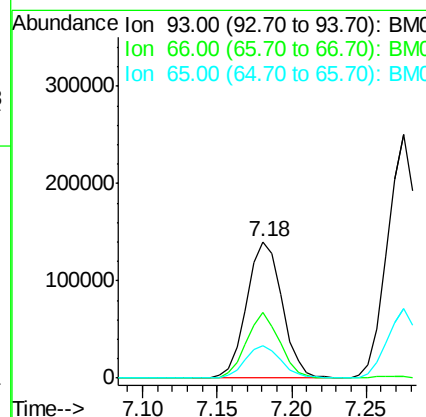
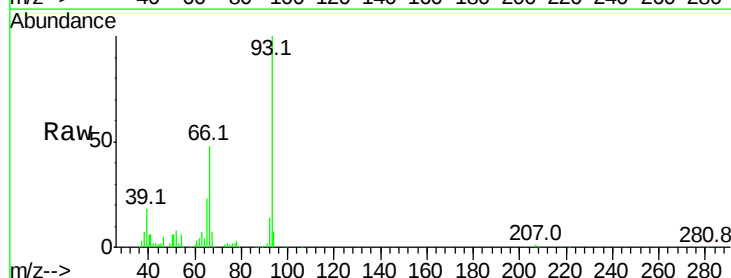
RT: 7.18 min Scan# 696

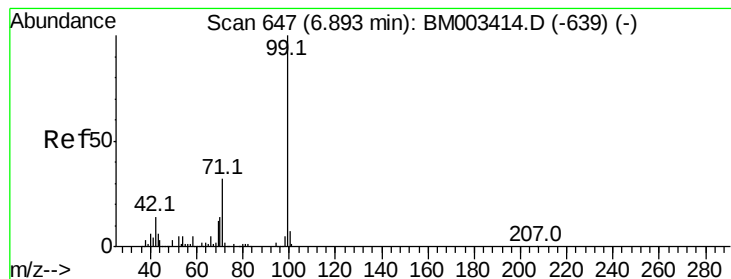
Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Tgt Ion:	93	Resp:	230043
Ion Ratio	Lower	Upper	
93	100		
66	48.3	30.8	46.2#
65	23.3	16.0	24.0





#7

Phenol-d6

Concen: 126.93 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MS

Tot Ion: 99 Resp: 1112442

Ion Ratio Lower Upper

99 100

42 25.7 11.0 16.4#

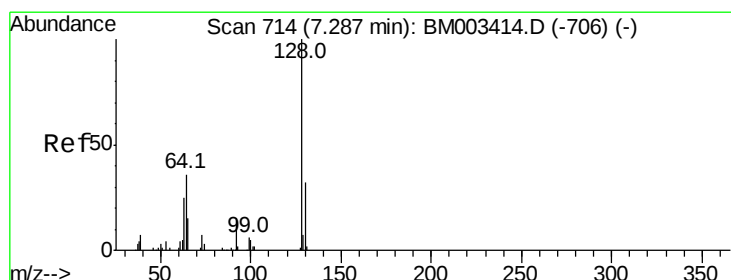
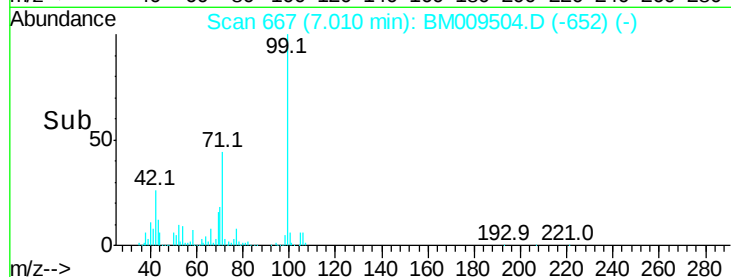
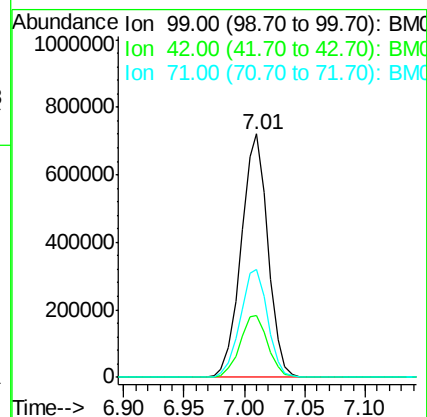
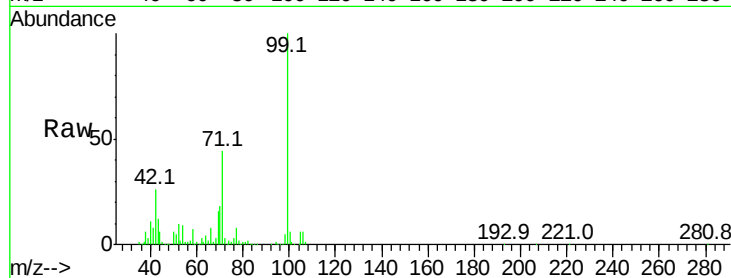
71 44.4 23.4 35.2#

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#8

2-Chlorophenol

Concen: 47.01 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

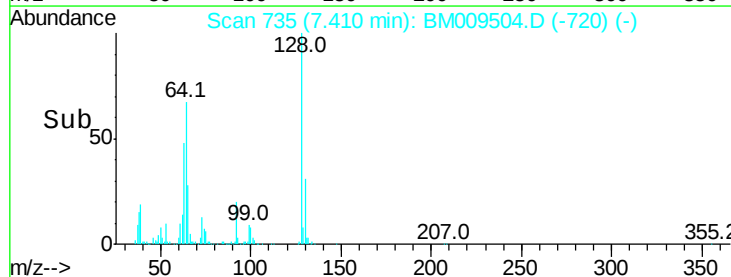
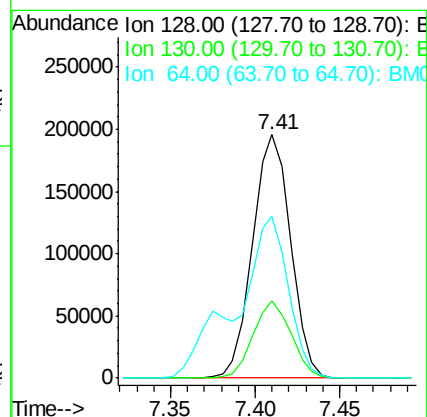
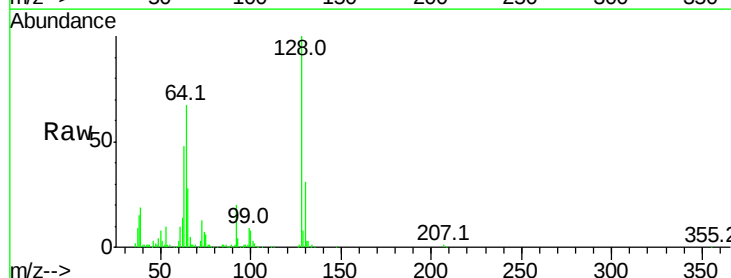
Tgt Ion: 128 Resp: 306337

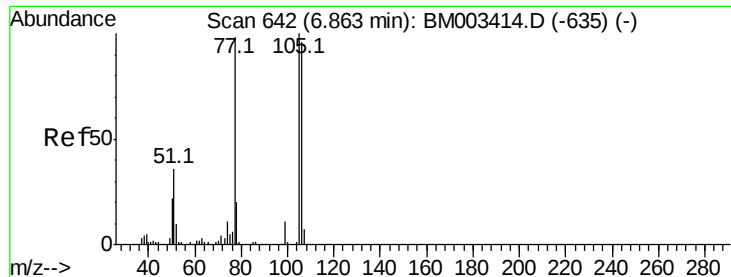
Ion Ratio Lower Upper

128 100

130 31.5 12.0 52.0

64 66.5 24.9 64.9#





#9

Benzaldehyde

Concen: 37.30 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.02 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

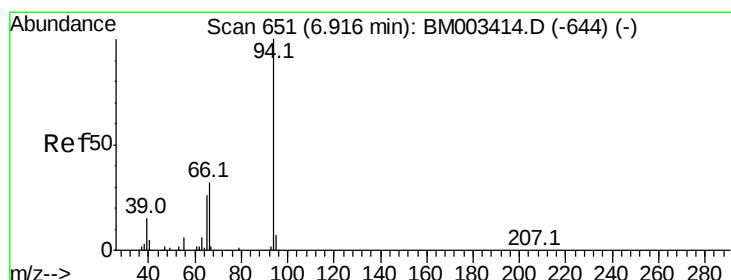
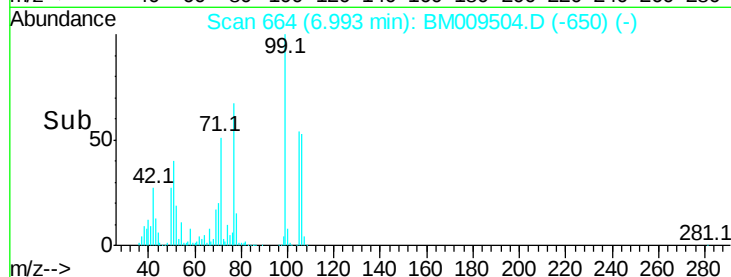
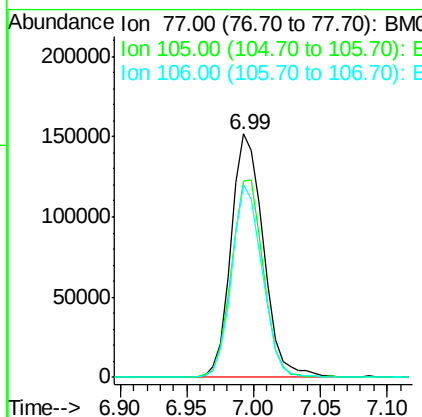
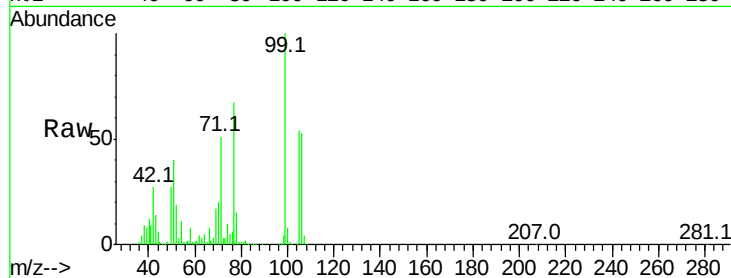
ClientSampleId :

WC-COMP-13MS

Tot Ion:	77	Resp:	257308
Ion	Ratio	Lower	Upper
77	100		
105	80.8	78.8	118.8
106	78.9	73.7	113.7

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#10

Phenol

Concen: 41.08 ng

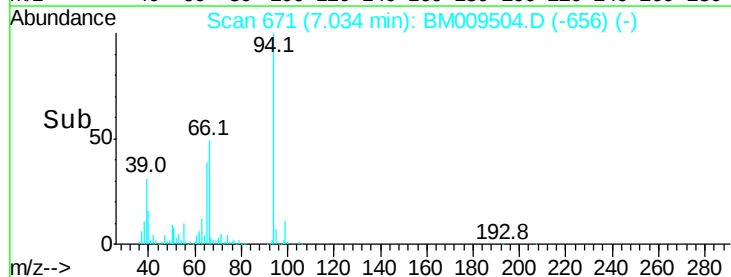
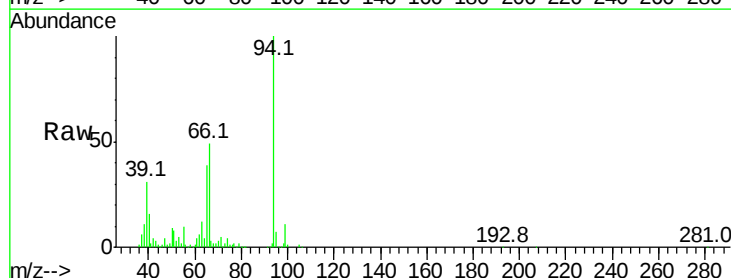
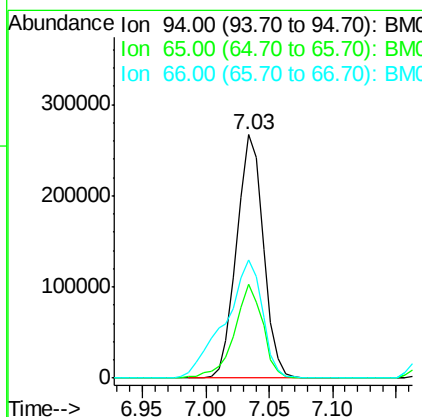
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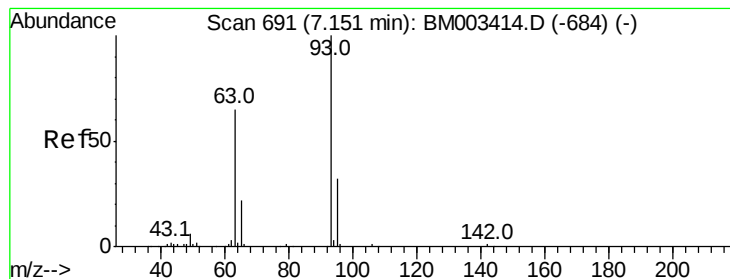
Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Tgt Ion:	94	Resp:	390116
Ion	Ratio	Lower	Upper
94	100		
65	38.7	18.8	58.8
66	48.7	39.9	79.9





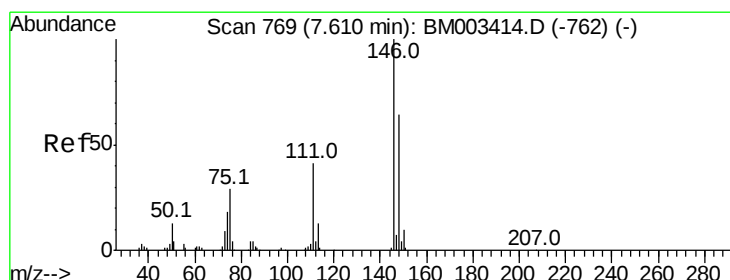
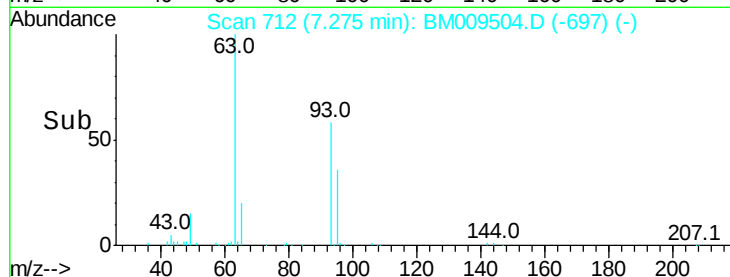
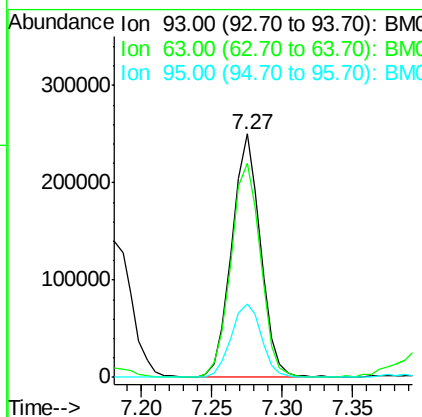
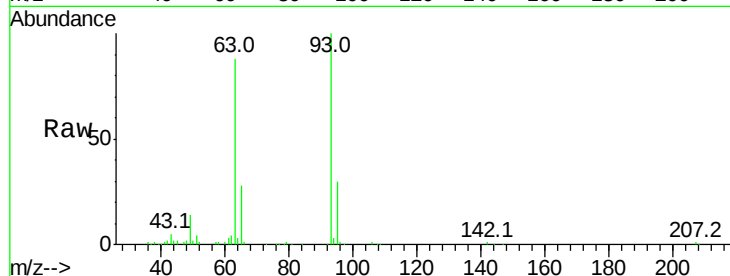
#11
bis(2-Chloroethyl)ether
Concen: 45.07 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	350864		
63	87.8		49.5	89.5
95	30.0		13.5	53.5

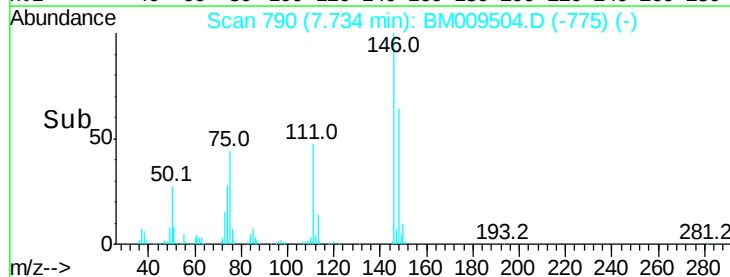
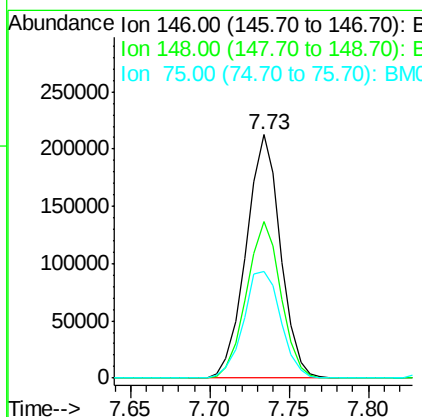
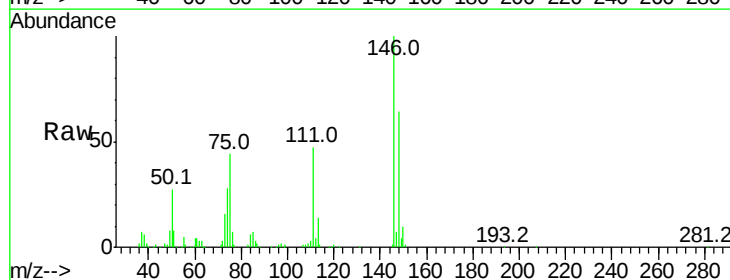
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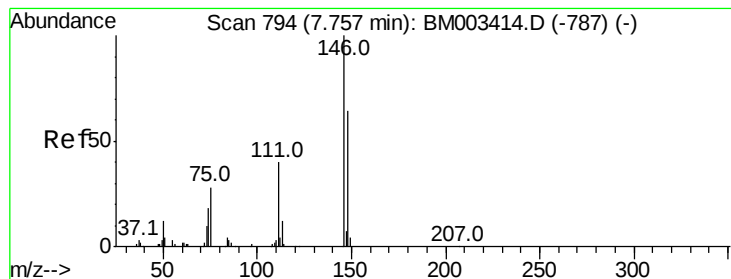
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.91 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	319183		
148	64.3		50.9	76.3
75	44.1		21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 41.35 ng

RT: 7.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

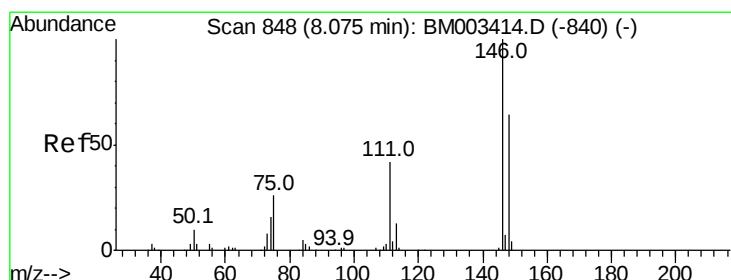
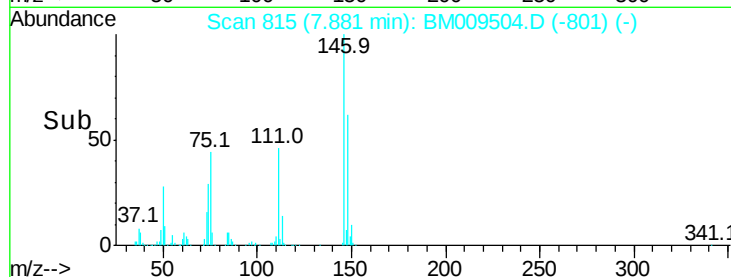
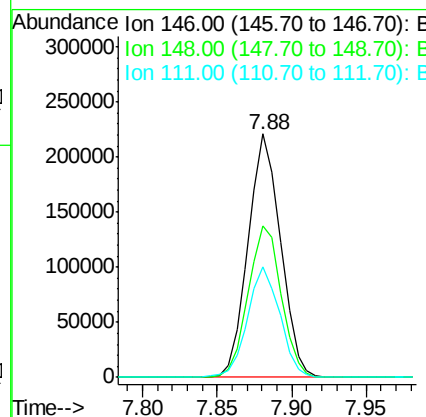
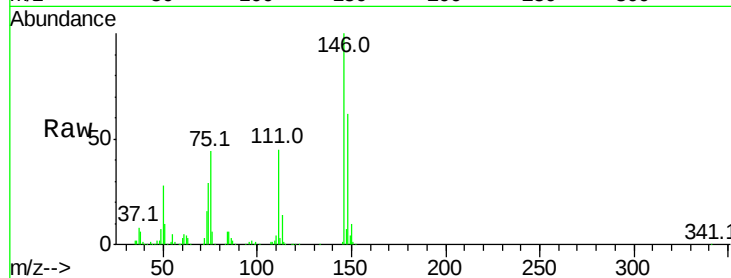
ClientSampleId :

WC-COMP-13MS

Tot Ion:	146	Resp:	333365
Ion Ratio	Lower	Upper	
146	100		
148	62.3	51.9	77.9
111	45.5	29.2	43.8#

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#14

1,2-Dichlorobenzene

Concen: 42.12 ng

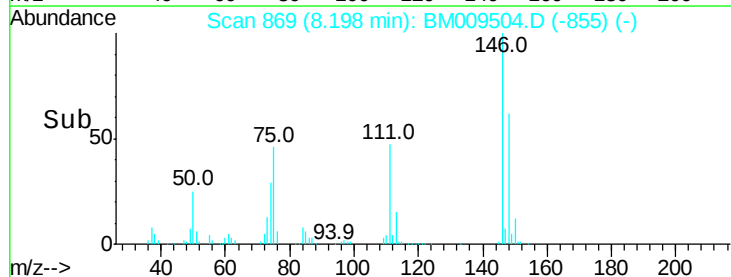
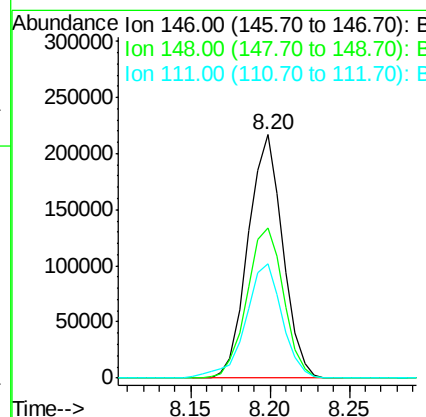
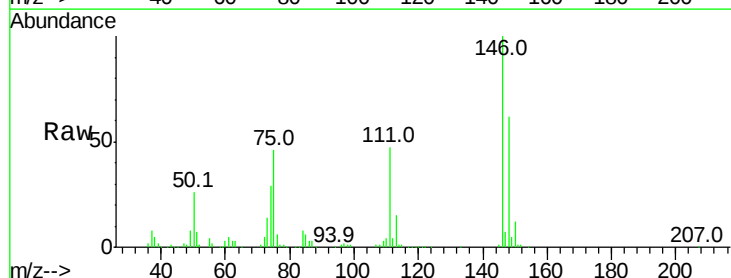
RT: 8.20 min Scan# 869

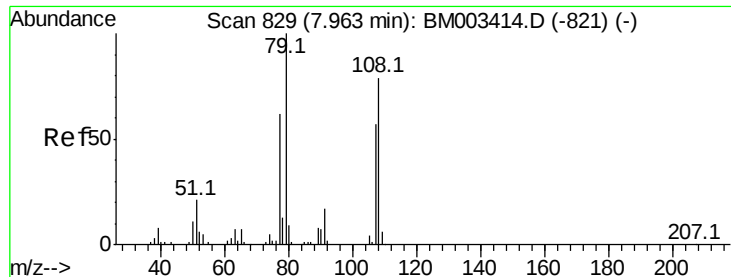
Delta R.T. -0.02 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Tgt Ion:	146	Resp:	329708
Ion Ratio	Lower	Upper	
146	100		
148	61.9	52.3	78.5
111	47.2	30.6	45.8#





#15

Benzyl Alcohol

Concen: 50.92 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MS

Tot Ion: 79 Resp: 390178

Ion Ratio Lower Upper

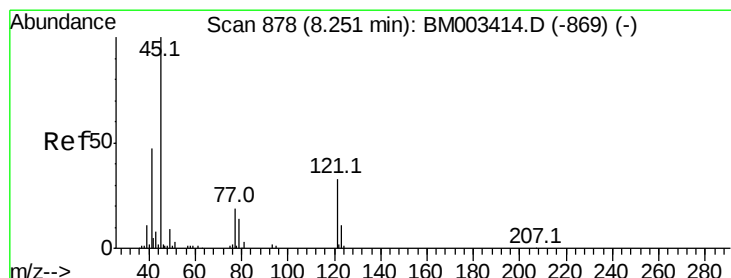
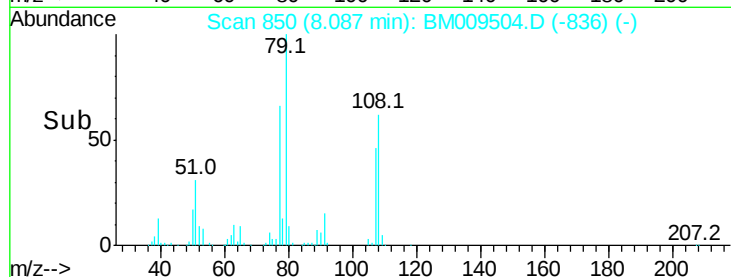
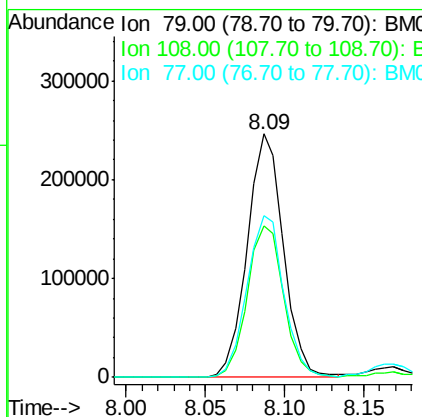
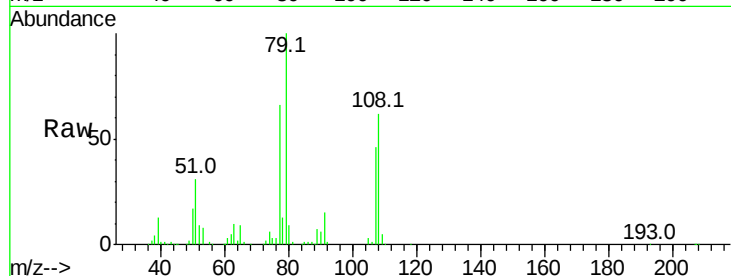
79 100

108 62.0 65.0 97.4#

77 66.3 53.0 79.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.66 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

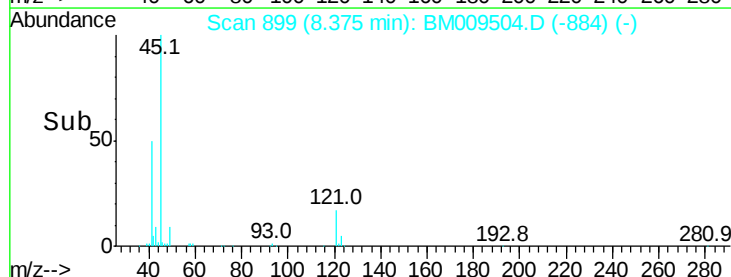
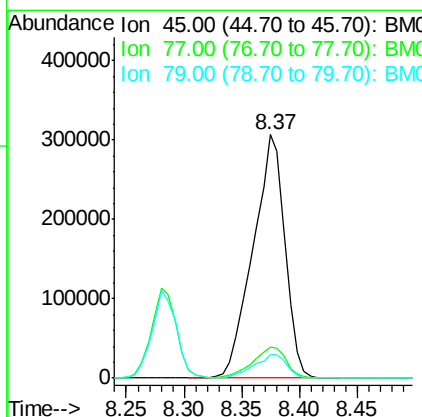
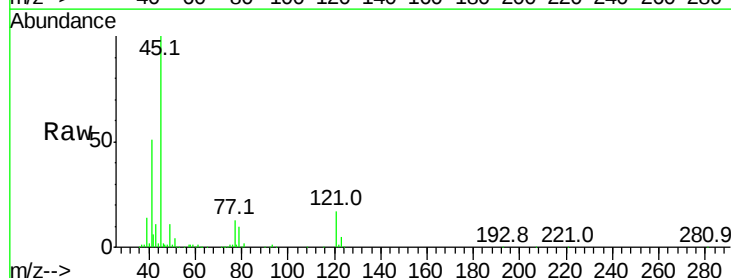
Tgt Ion: 45 Resp: 590659

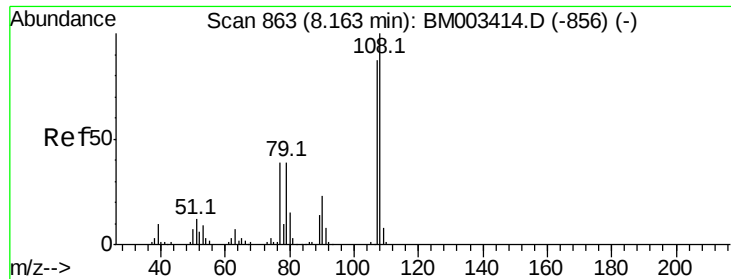
Ion Ratio Lower Upper

45 100

77 12.9 0.0 35.2

79 9.7 0.0 32.0





#17

2-Methylphenol

Concen: 45.09 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

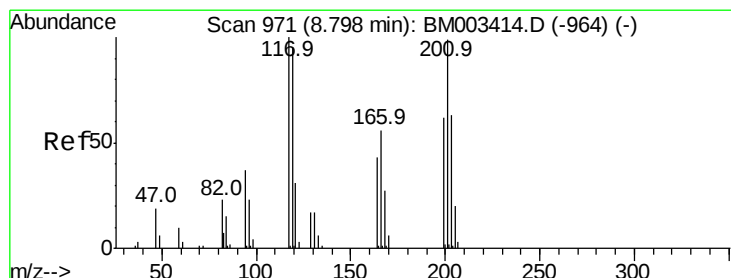
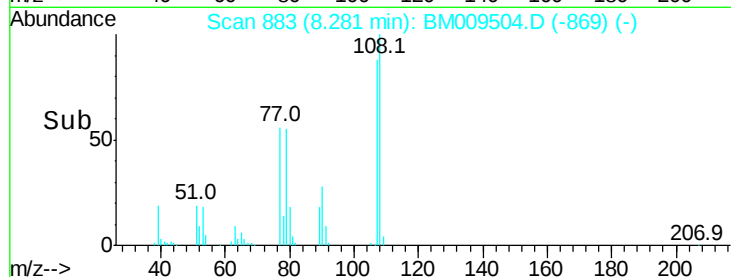
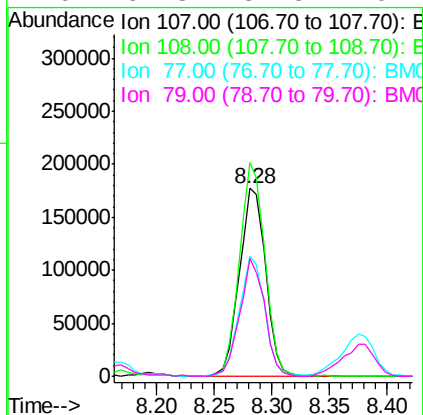
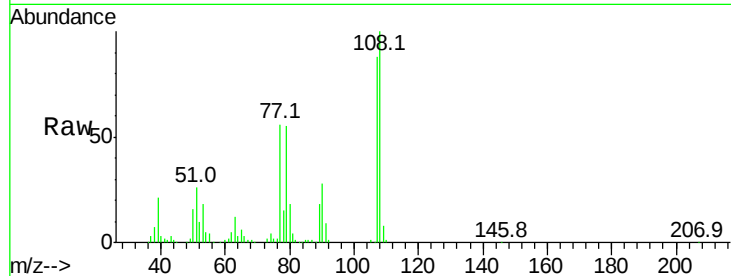
ClientSampleId :

WC-COMP-13MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	280194		
108	113.6	89.8	134.8	
77	63.7	32.6	48.8#	
79	62.3	32.8	49.2#	

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#18

Hexachloroethane

Concen: 42.09 ng

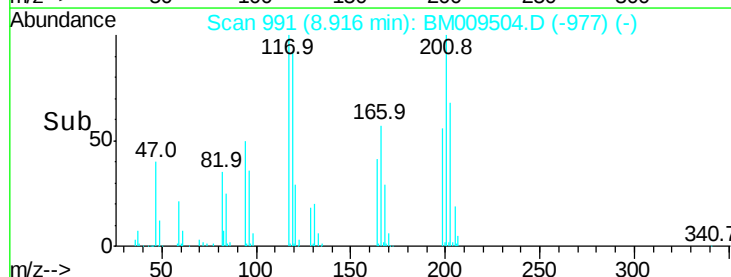
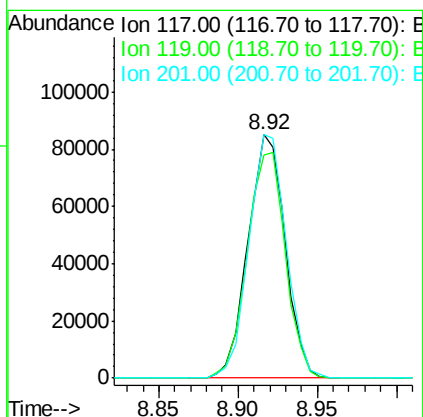
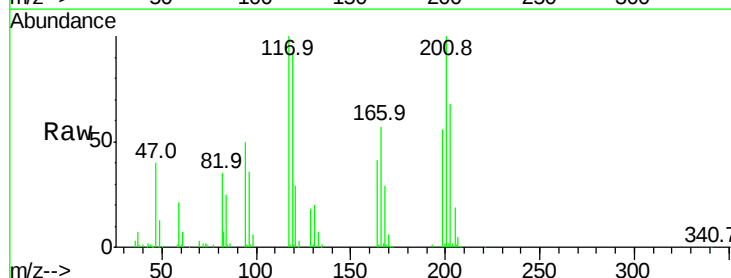
RT: 8.92 min Scan# 991

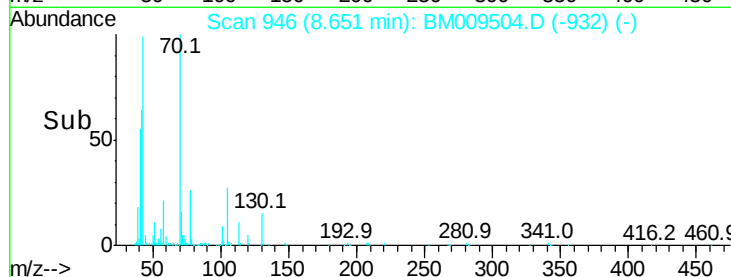
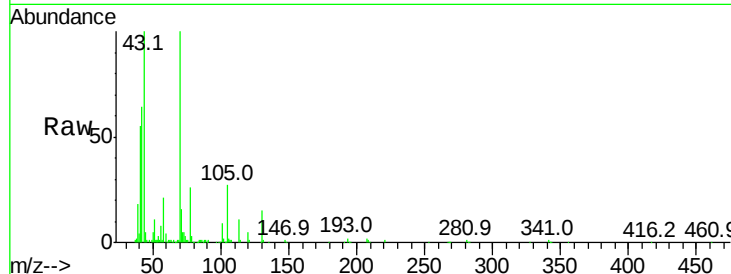
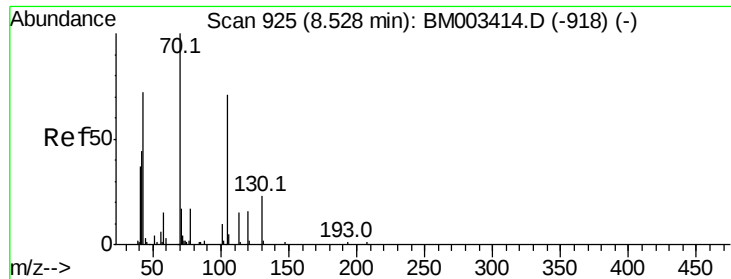
Delta R.T. -0.02 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	138805		
119	91.5	79.2	118.8	
201	99.8	69.8	104.6	





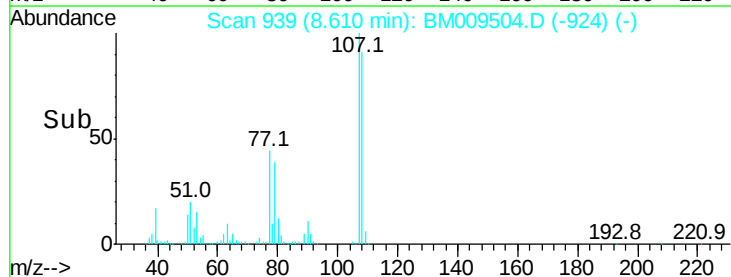
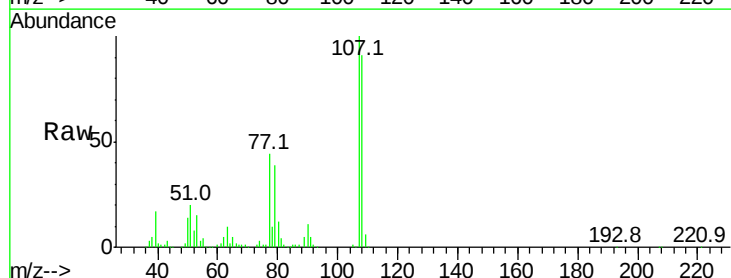
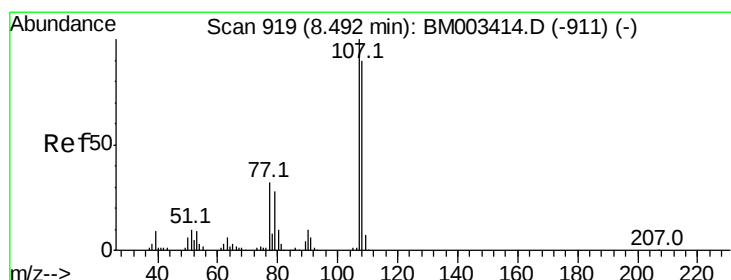
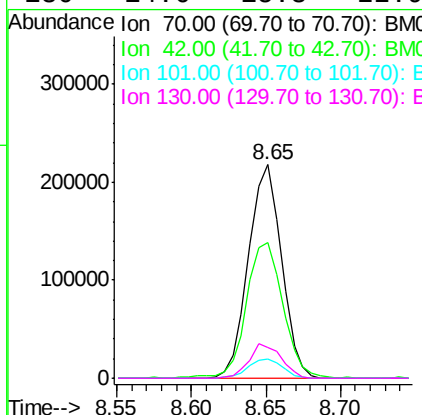
#19
n-Nitroso-di-n-propylamine
Concen: 47.32 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.8	44.5	66.7	
101	8.9	7.4	11.2	
130	14.6	15.3	22.9	

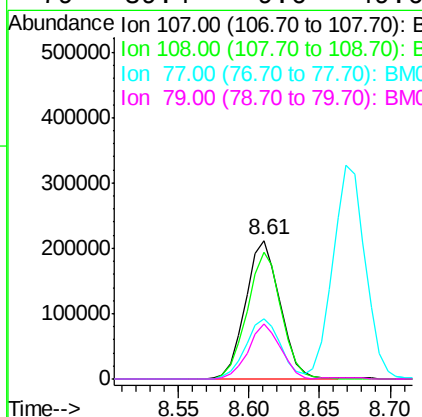
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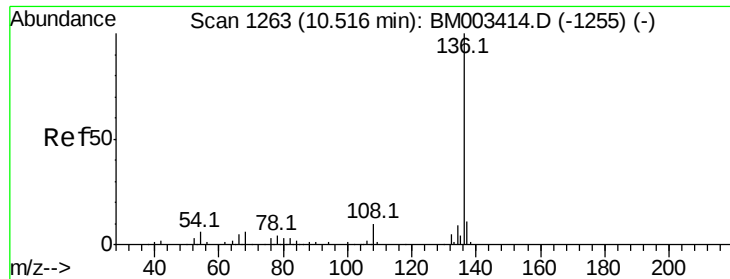
mohammad
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#20
3+4-Methylphenols
Concen: 42.95 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.2	73.2	113.2	
77	43.6	10.7	50.7	
79	39.4	9.6	49.6	





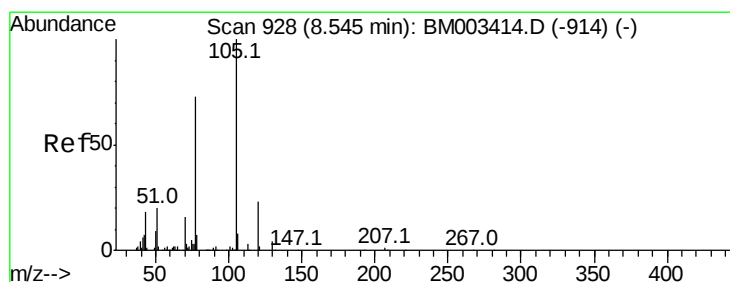
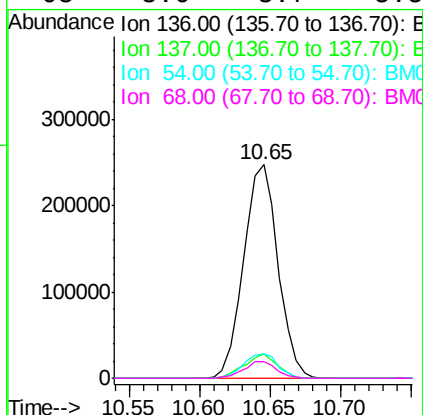
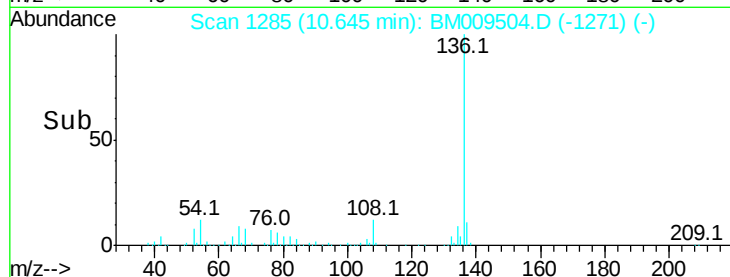
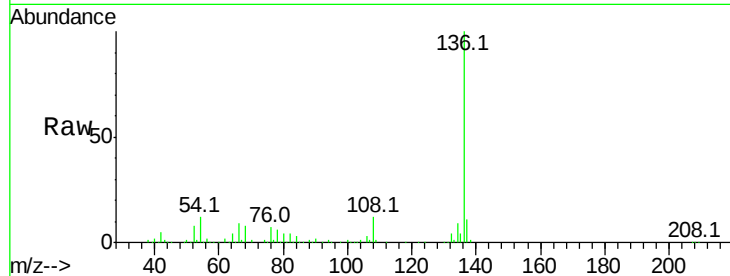
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	423020		
137	11.5		8.7	13.1
54	11.6		4.6	6.8#
68	8.0		3.7	5.5#

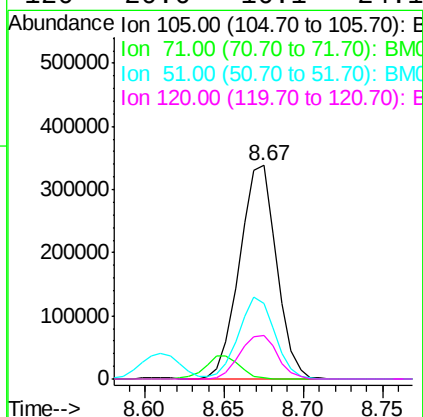
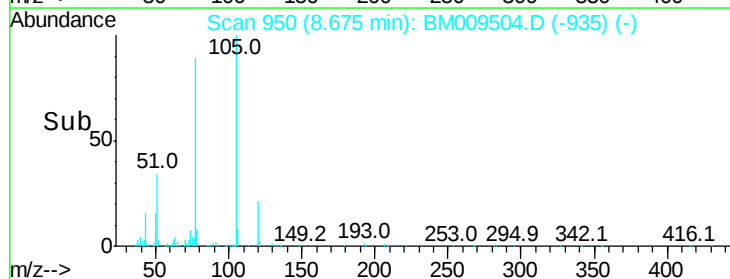
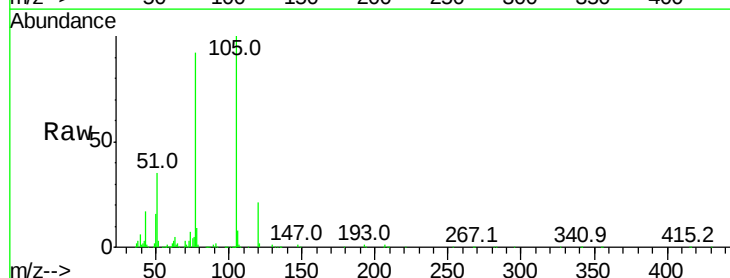
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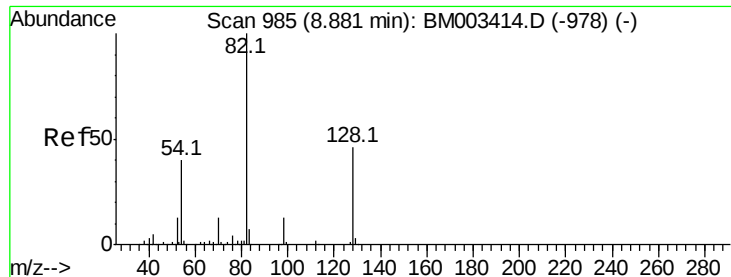
mohammad
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#22
Acetophenone
Concen: 45.85 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	547008		
71	0.5		0.6	1.0#
51	35.2		21.6	32.4#
120	20.6		16.1	24.1





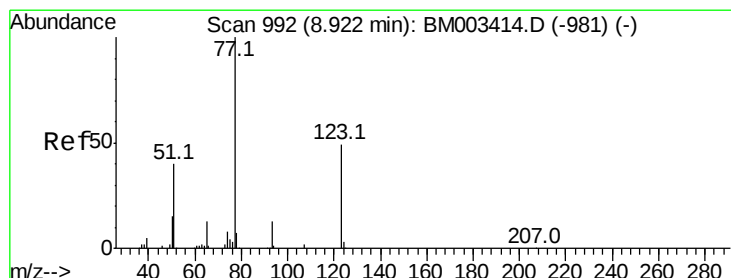
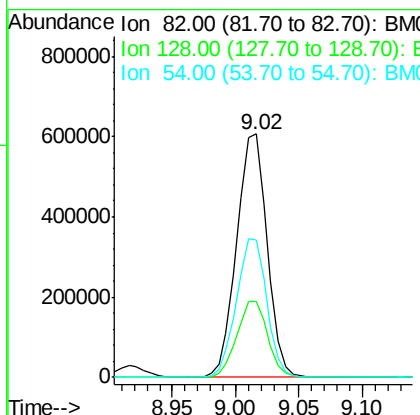
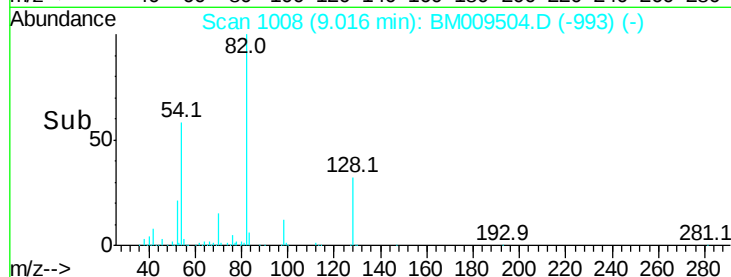
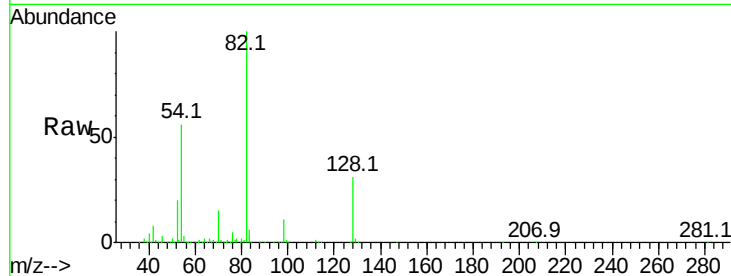
#23
Nitrobenzene-d5
Concen: 89.56 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.2	32.8	49.2#
54	56.4	40.6	60.8

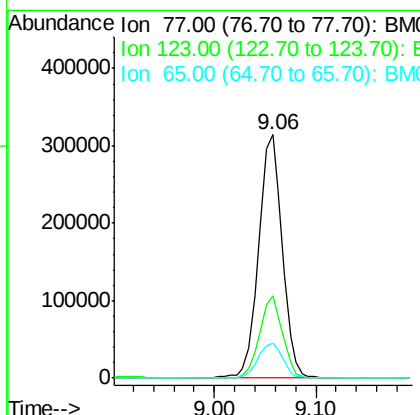
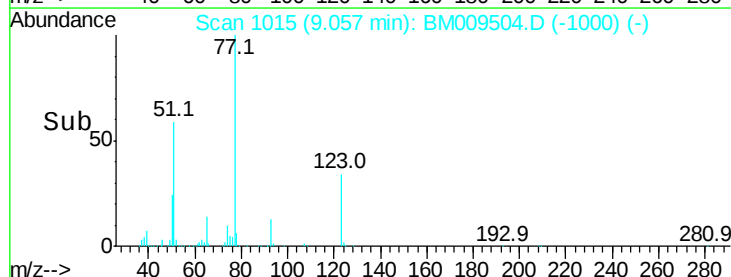
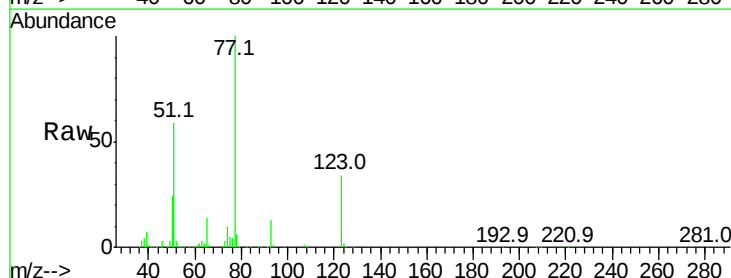
Manual Integrations
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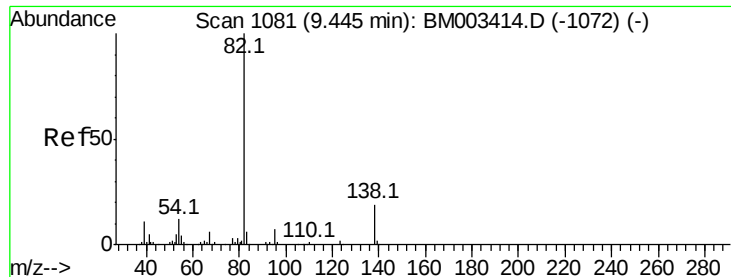
mohammad
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#24
Nitrobenzene
Concen: 45.97 ng
RT: 9.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.8	32.6	49.0
65	14.4	10.9	16.3





#25

Isophorone

Concen: 49.32 ng

RT: 9.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MS

Tot Ion: 82 Resp: 848826

Ion Ratio Lower Upper

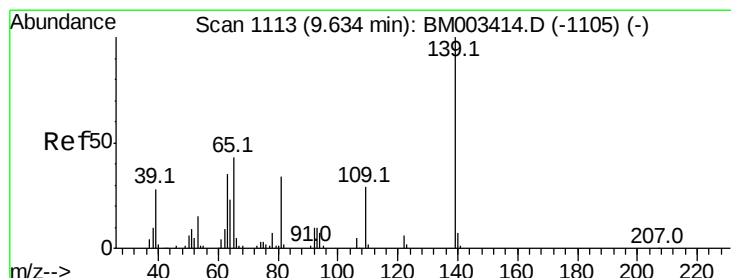
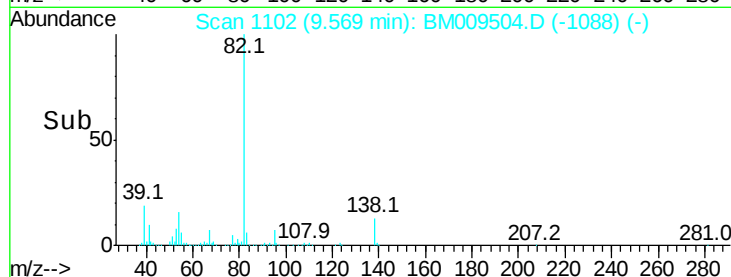
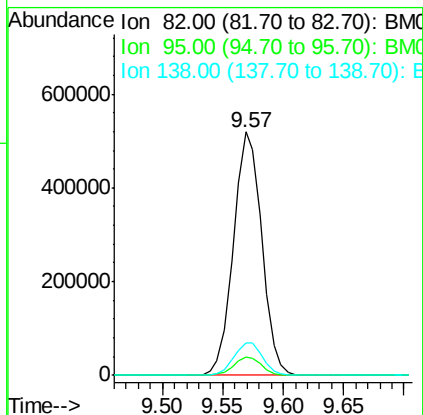
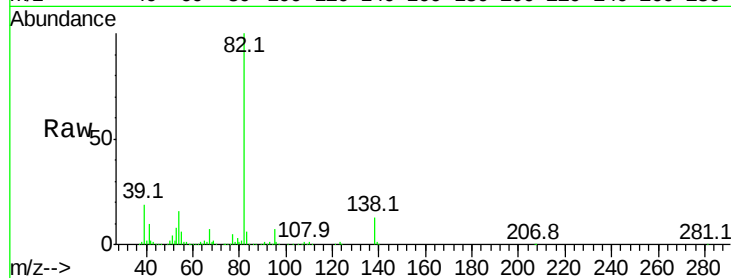
82 100

95 7.3 5.8 8.6

138 13.2 16.3 24.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.01 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

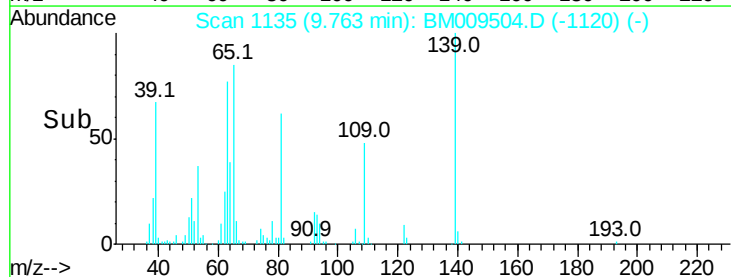
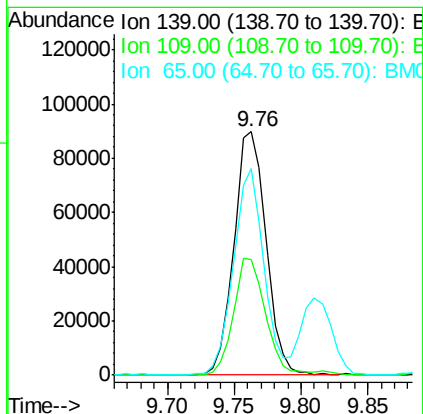
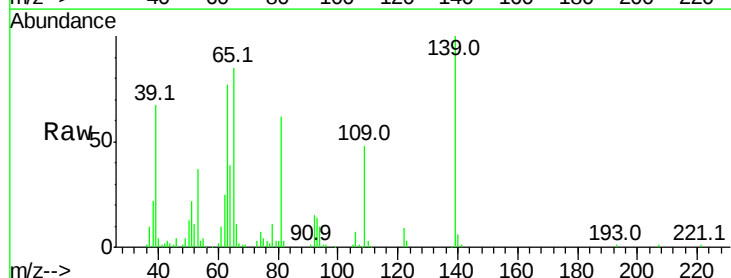
Tgt Ion: 139 Resp: 150055

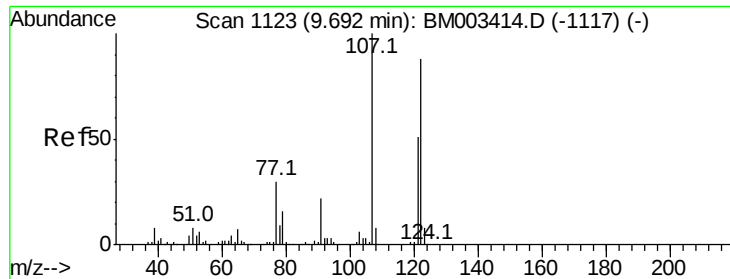
Ion Ratio Lower Upper

139 100

109 47.6 20.1 30.1#

65 84.7 31.5 47.3#





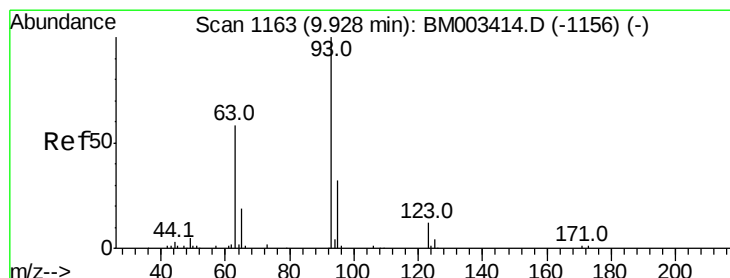
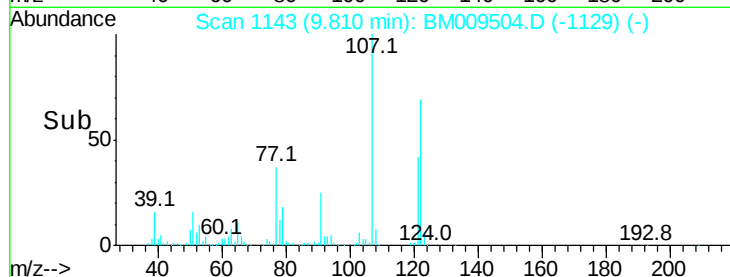
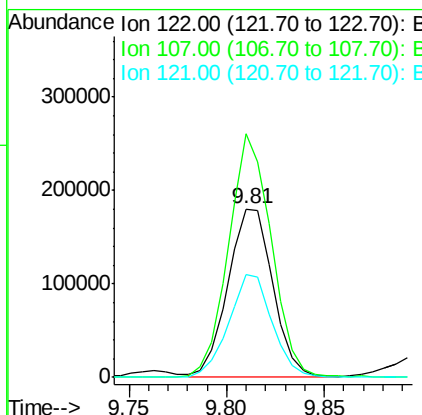
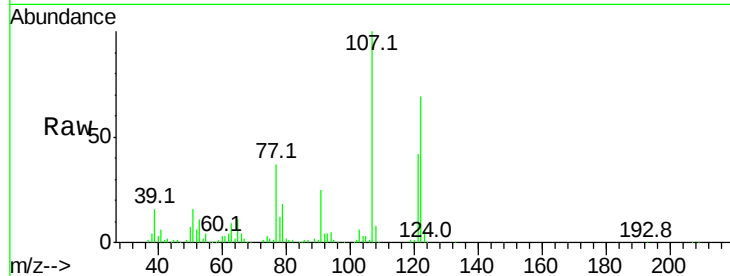
#27
2,4-Dimethylphenol
Concen: 46.87 ng
RT: 9.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	144.5	84.7	127.1#
121	61.1	46.6	69.8

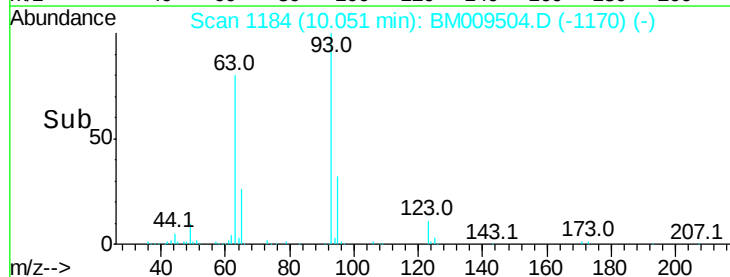
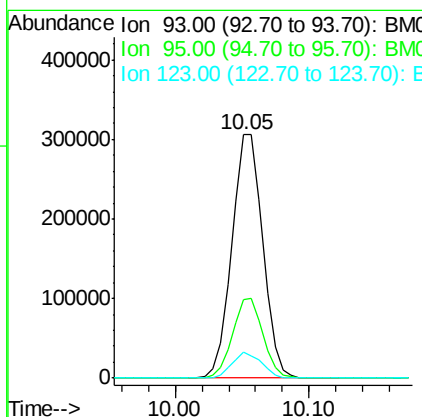
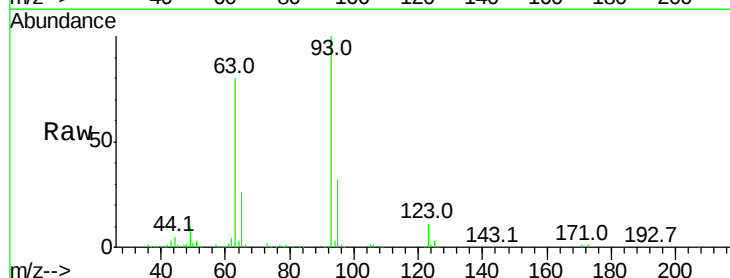
Manual Integrations
APPROVED

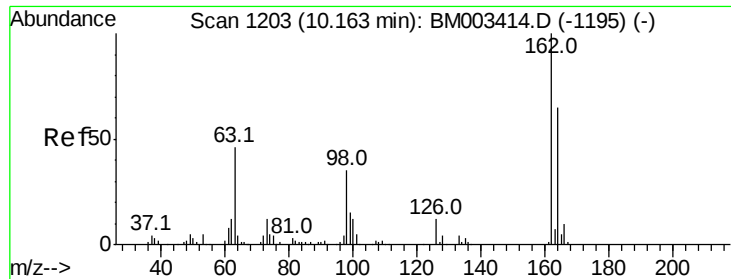
mohammad
4/4/2017 5:33:18 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.28 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	25.5	38.3
123	10.7	8.6	13.0





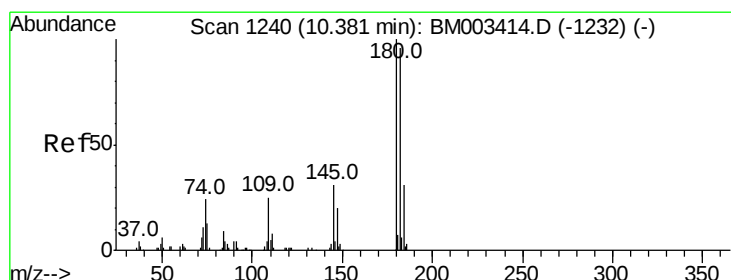
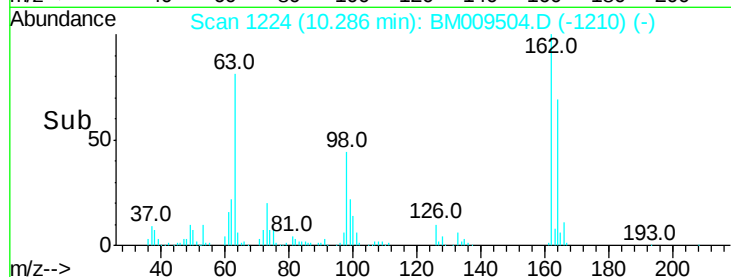
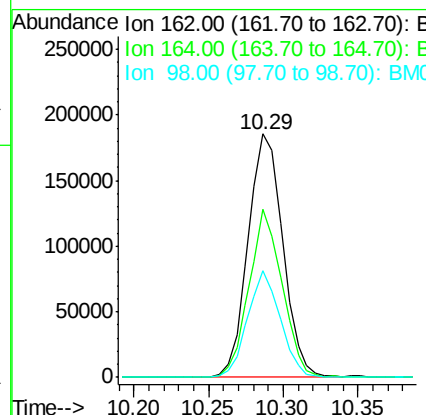
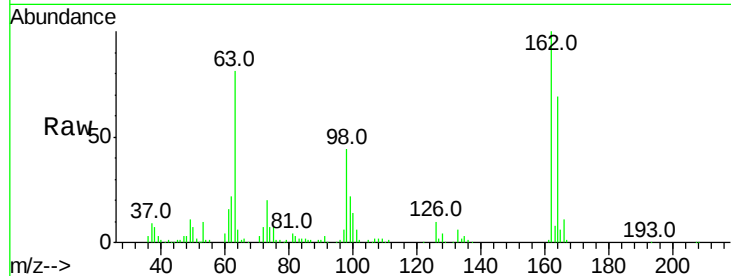
#29
2,4-Dichlorophenol
Concen: 46.97 ng
RT: 10.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	299483		
164	68.8	42.8	82.8	
98	44.0	14.5	54.5	

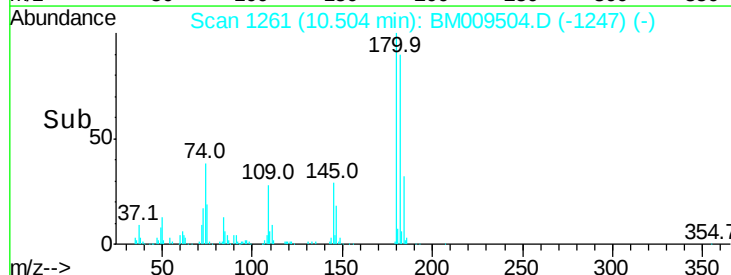
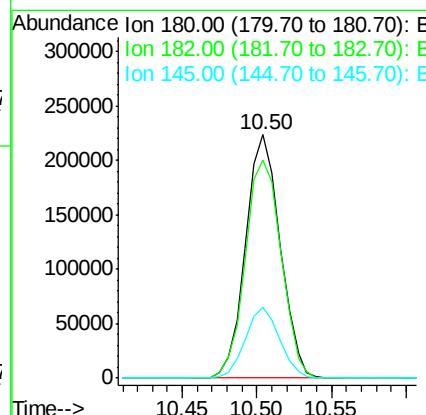
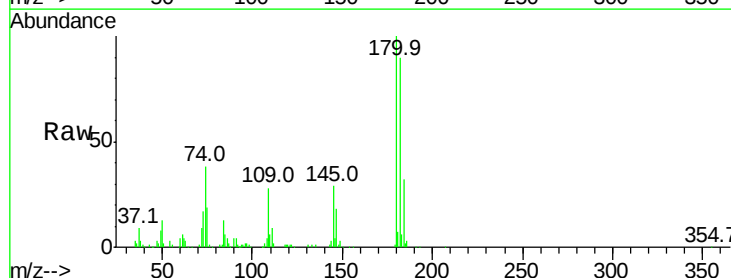
Manual Integrations
APPROVED

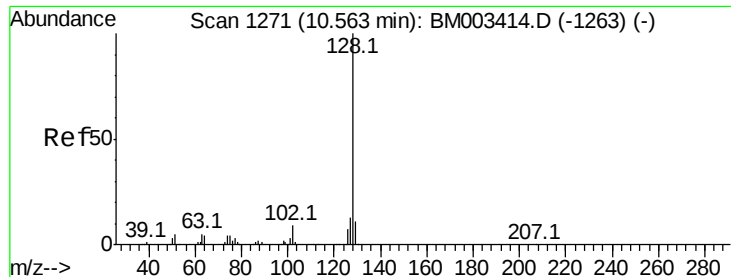
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.27 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	358077		
182	89.6	77.6	116.4	
145	29.0	23.4	35.2	





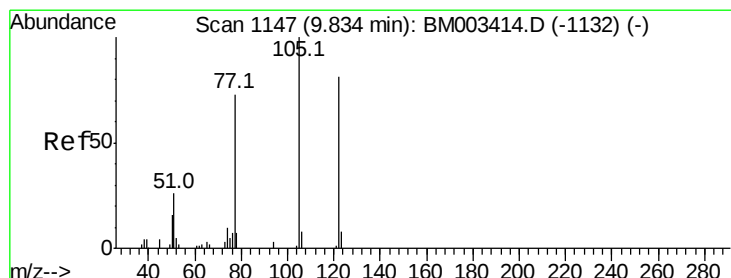
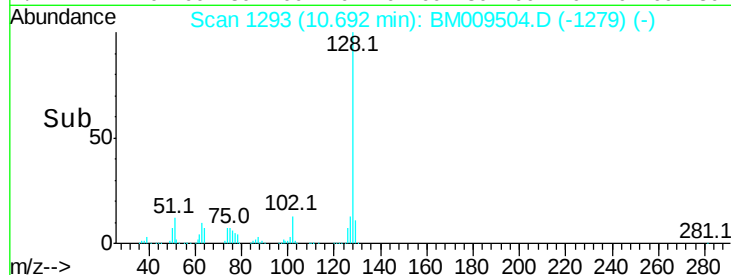
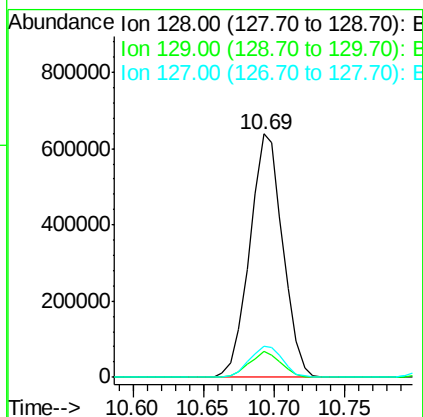
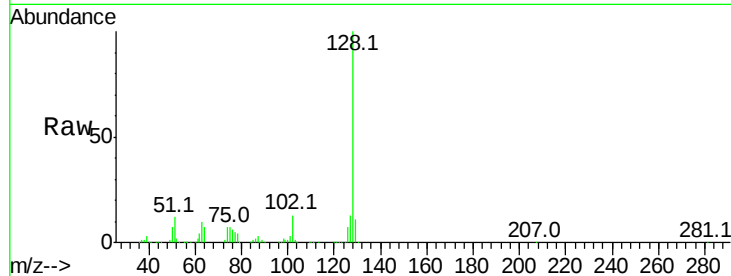
#31
Naphthalene
Concen: 46.83 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.0	10.4	15.6

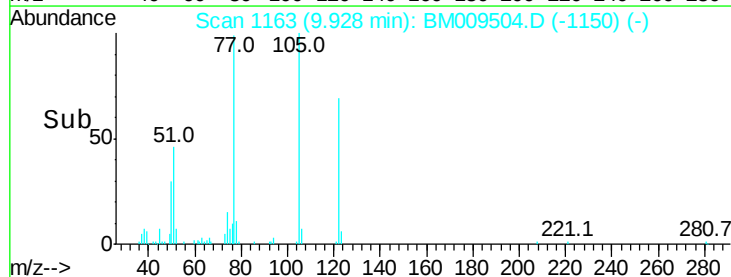
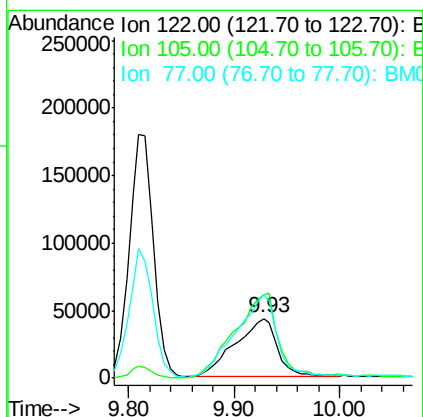
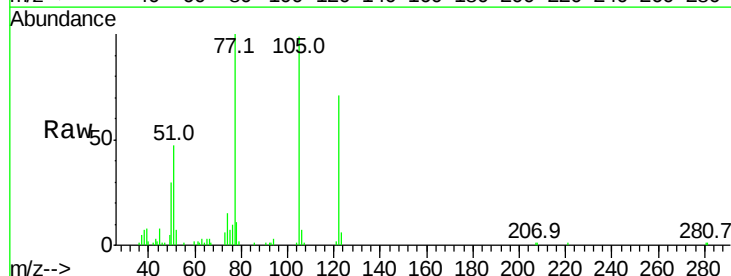
Manual Integrations
APPROVED

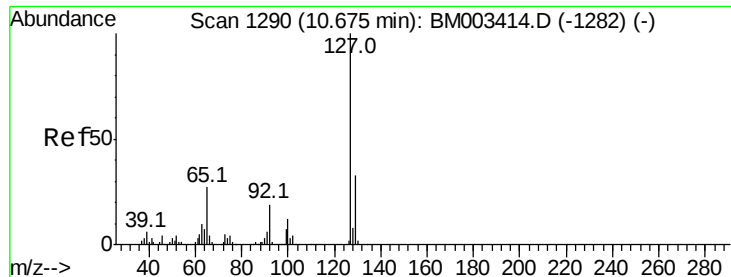
mohammad
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#32
Benzoic acid
Concen: 29.56 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.4	99.9	139.9
77	140.4	73.7	113.7#





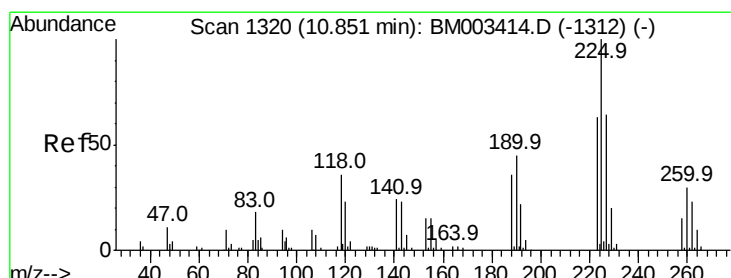
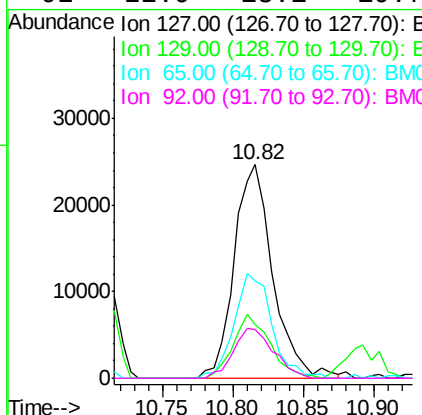
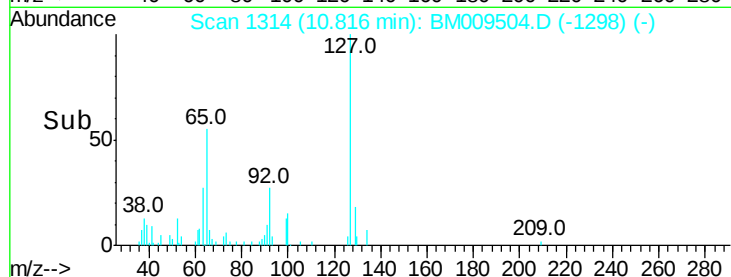
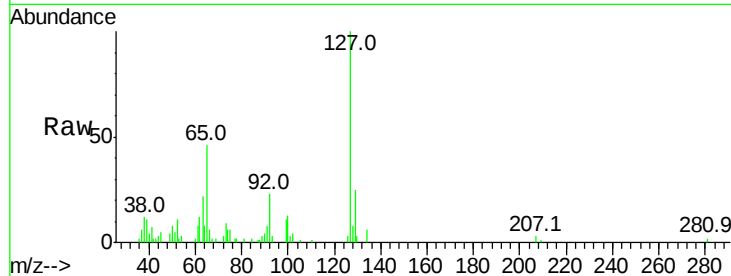
#33
4-Chloroaniline
Concen: 5.44 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	25.1	25.3	37.9#
65	45.6	17.6	26.4#
92	22.9	13.1	19.7#

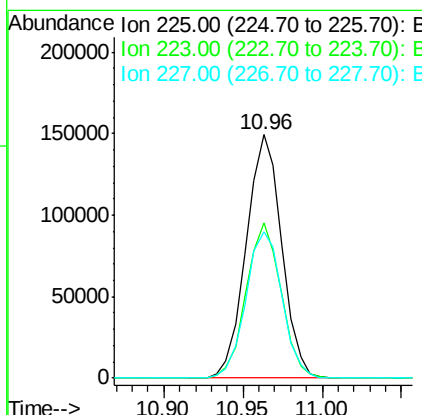
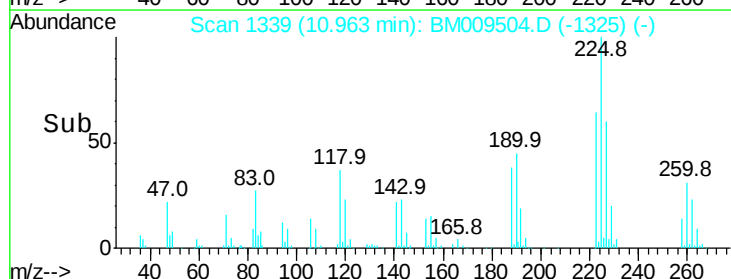
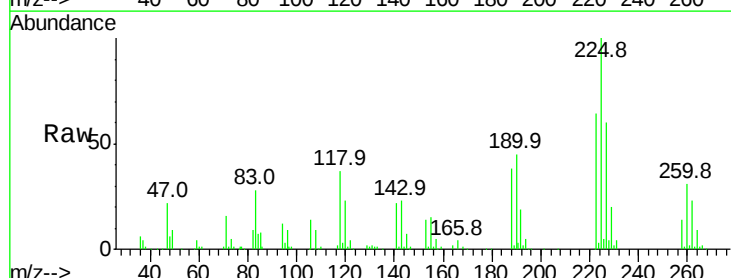
Manual Integrations
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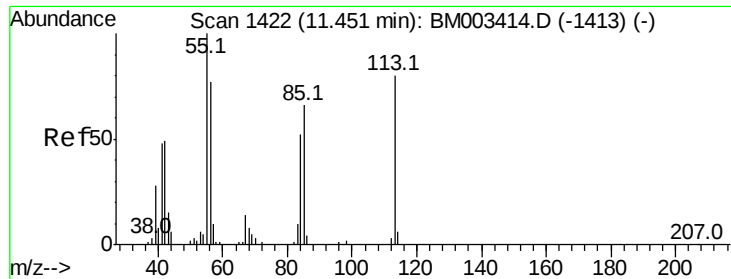
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#34
Hexachlorobutadiene
Concen: 42.88 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	47.9	71.9
227	59.9	50.1	75.1





#35

Caprolactam

Concen: 41.60 ng/ml

RT: 11.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MS

Tot Ion:113 Resp: 80975

Ion Ratio Lower Upper

113 100

55 222.4 145.9 185.9#

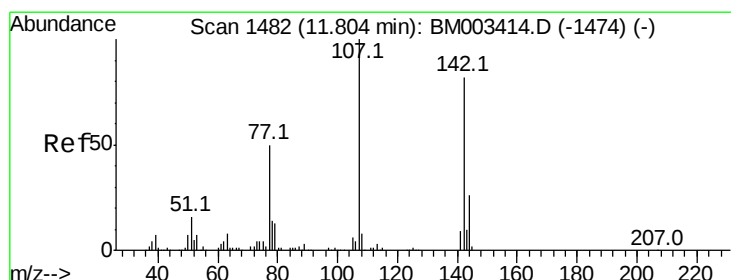
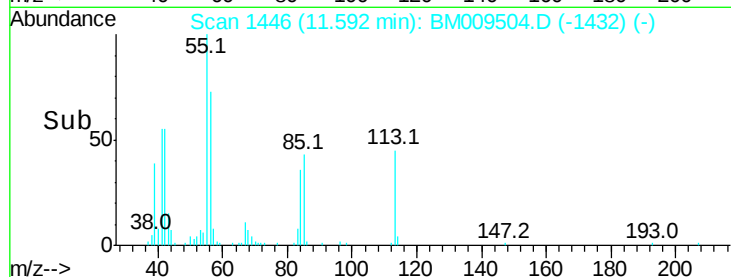
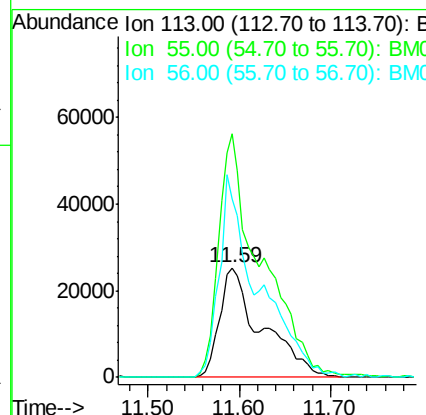
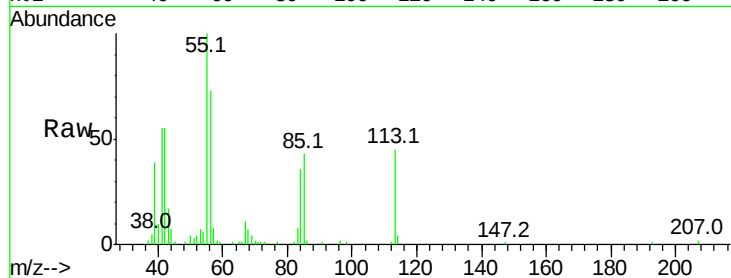
56 162.6 101.0 141.0#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 48.38 ng/ml

RT: 11.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

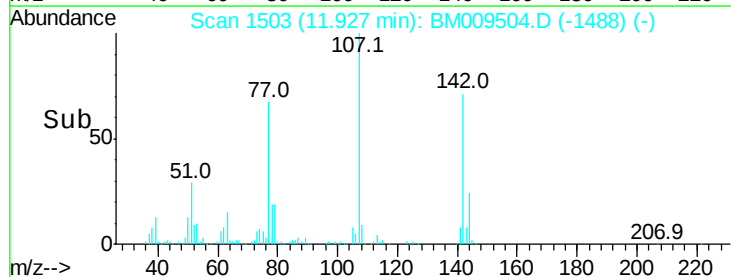
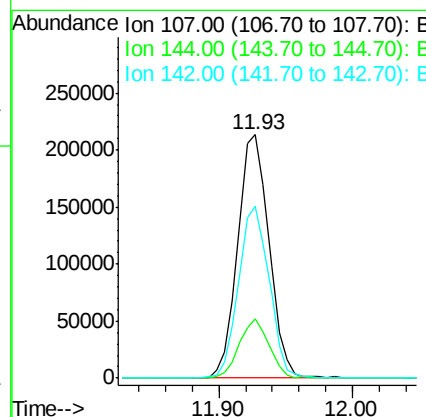
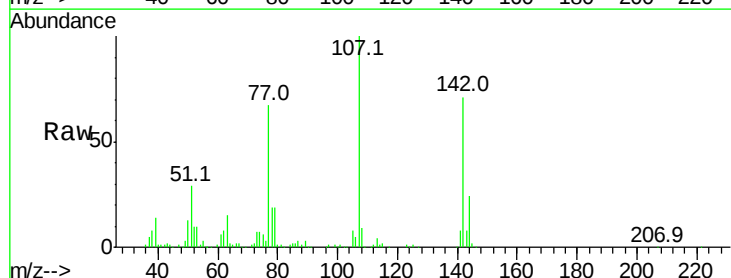
Tgt Ion:107 Resp: 348954

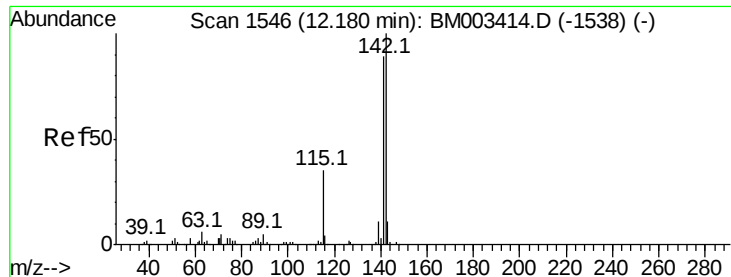
Ion Ratio Lower Upper

107 100

144 24.4 23.3 34.9

142 70.8 72.6 109.0#





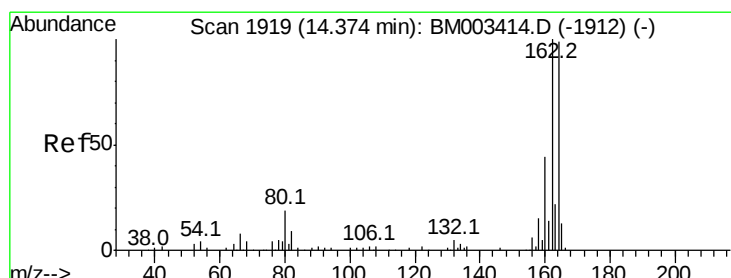
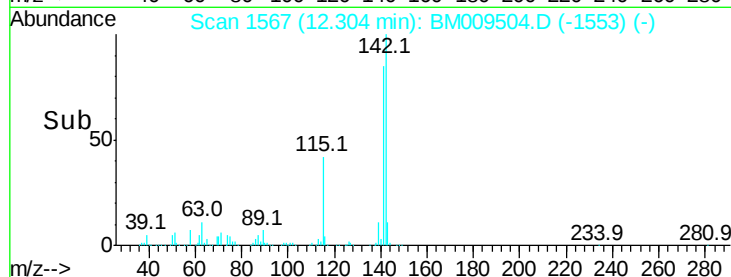
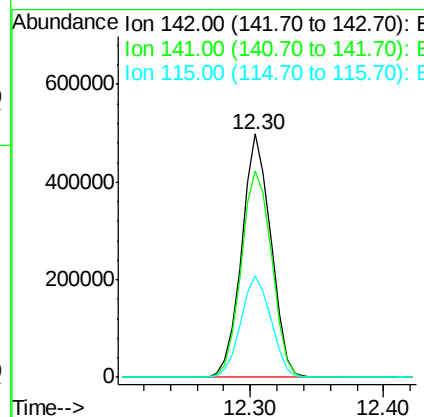
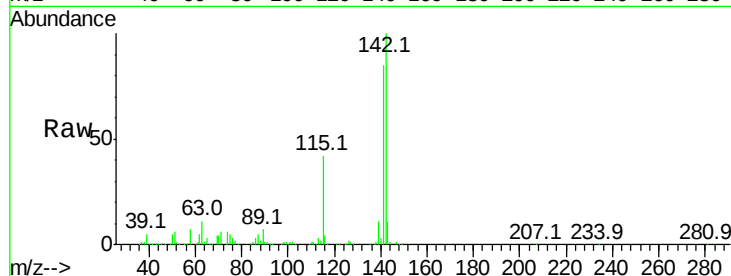
#37
2-Methylnaphthalene
Concen: 48.52 ng
RT: 12.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.9	71.9	107.9
115	41.7	25.4	38.0

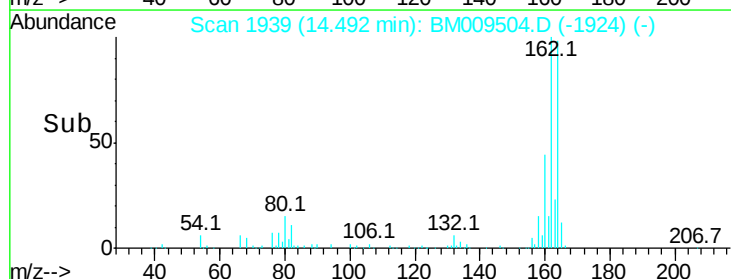
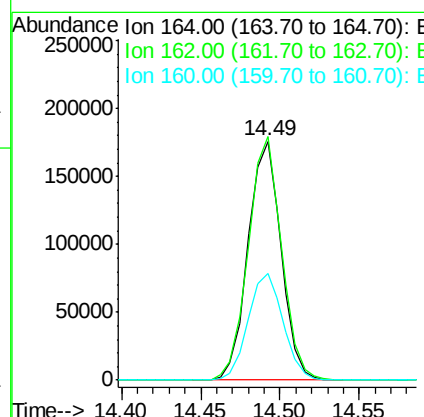
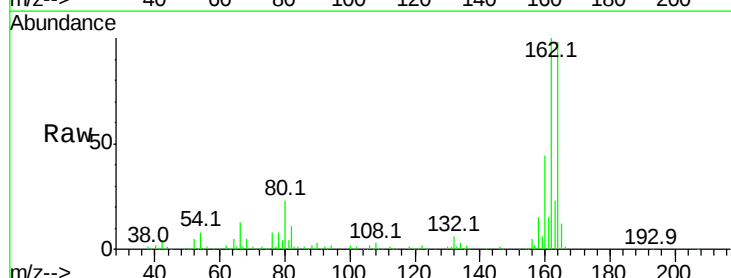
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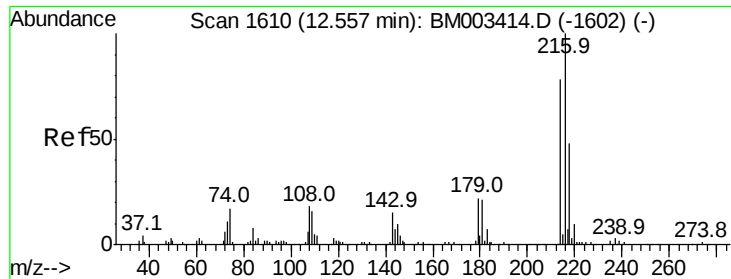
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	44.9	35.8	53.6





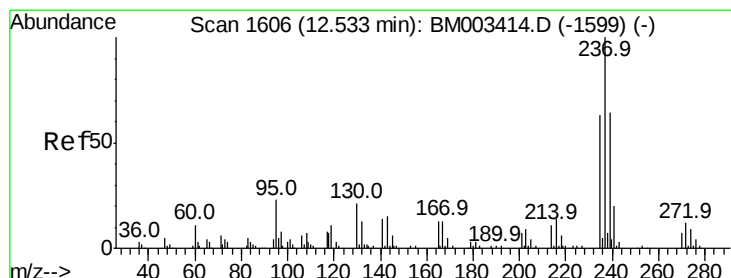
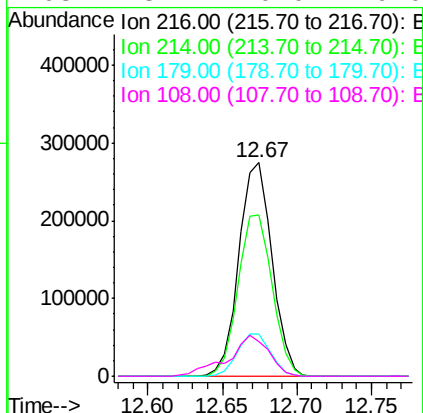
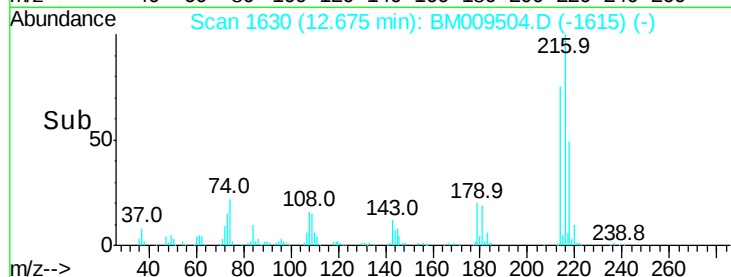
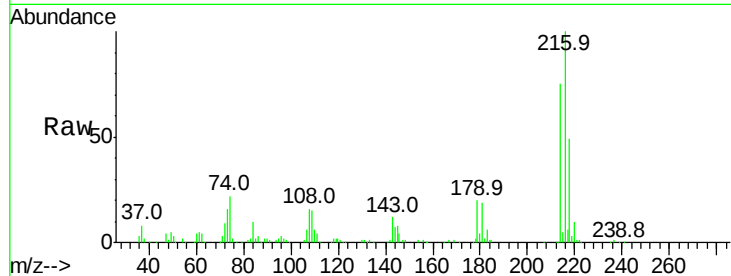
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.07 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	422516		
214	77.7	0.0	0.0	0.0
179	19.9	0.0	0.0	0.0
108	23.7	0.0	0.0	0.0

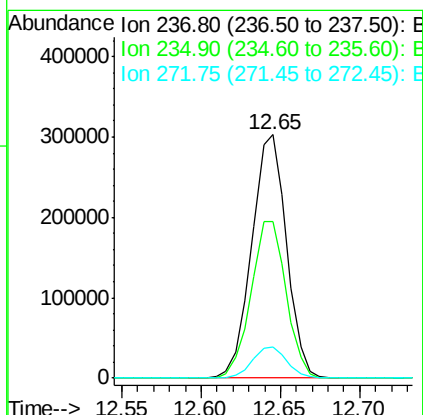
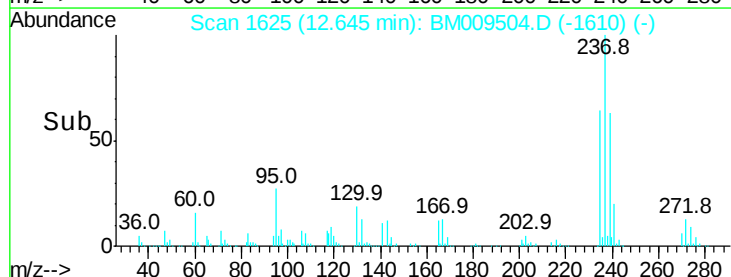
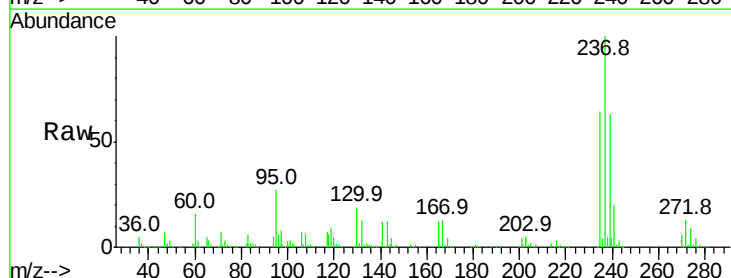
Manual Integrations
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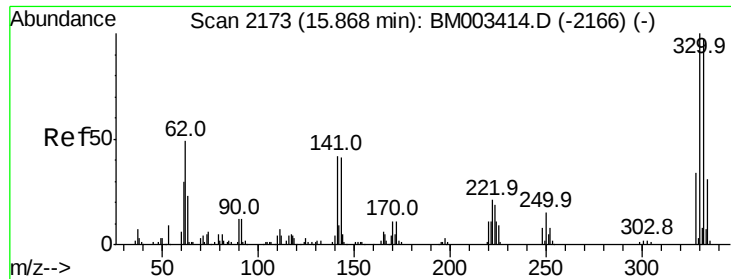
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 84.17 ng
 RT: 12.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	463117		
235	64.1	42.0	82.0	
272	12.7	0.0	33.4	





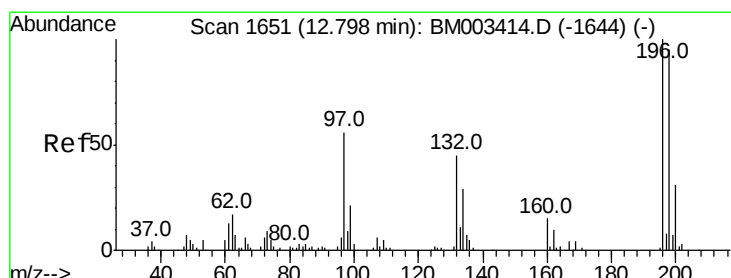
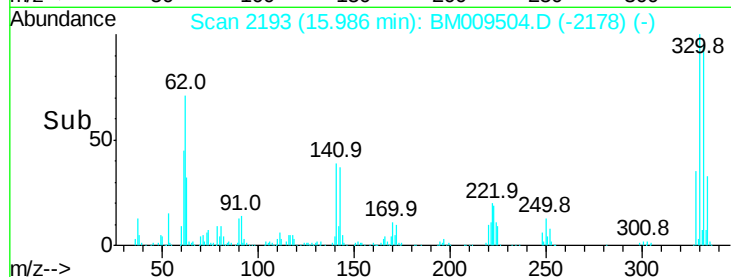
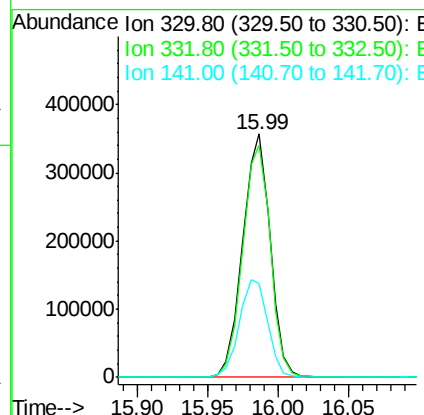
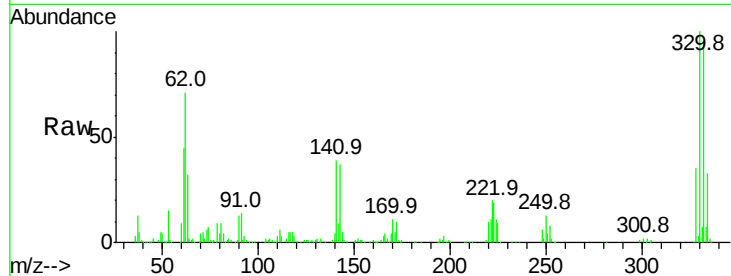
#41
 2,4,6-Tribromophenol
 Concen: 153.98 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	41.4	0.0	0.0#

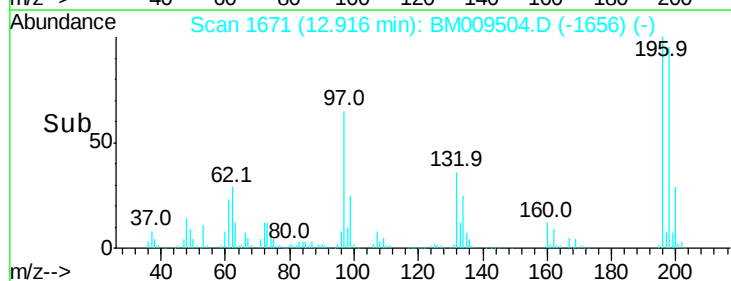
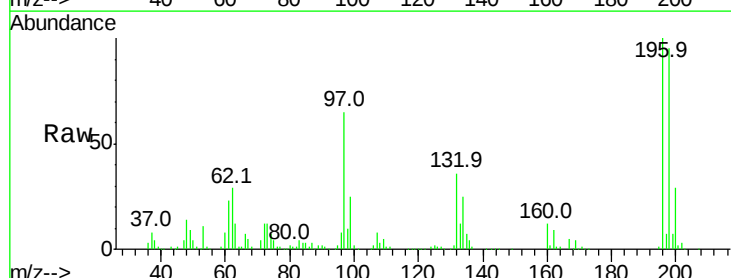
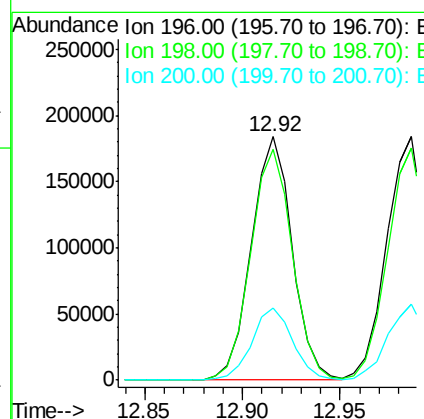
Manual Integrations
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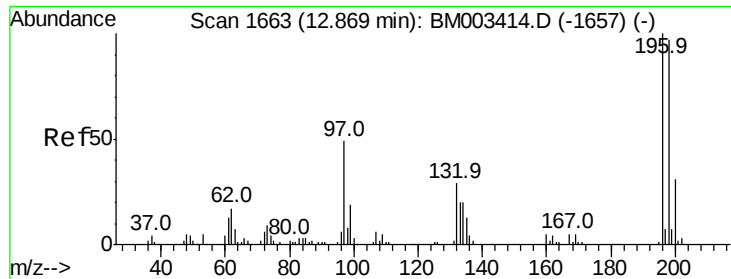
mohammad
 4/4/2017 5:33:18 PM



#42
 2,4,6-Trichlorophenol
 Concen: 48.55 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.2	76.3	114.5
200	29.5	25.6	38.4





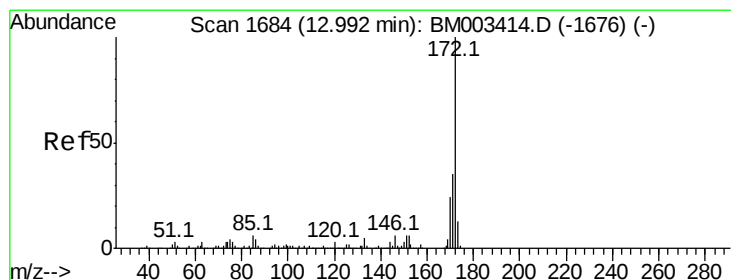
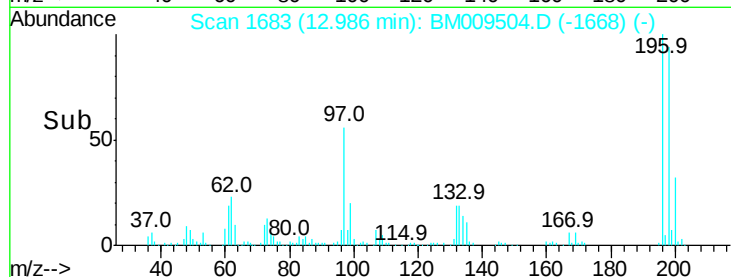
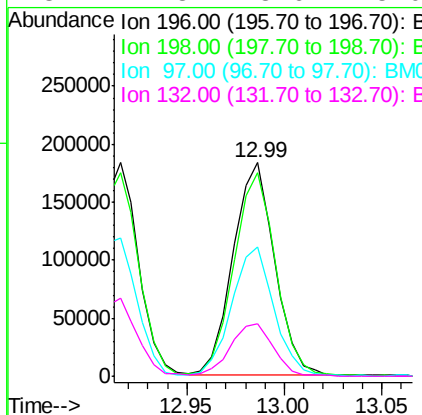
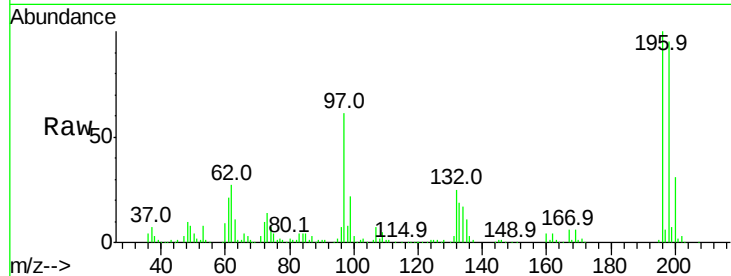
#43
 2,4,5-Trichlorophenol
 Concen: 44.26 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MS

Tot Ion	196	Resp	270680
Ion Ratio	Lower	Upper	
196	100		
198	95.3	79.4	119.0
97	60.7	26.8	40.2#
132	24.8	18.6	28.0

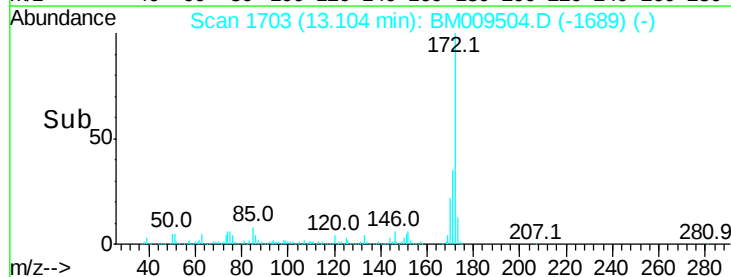
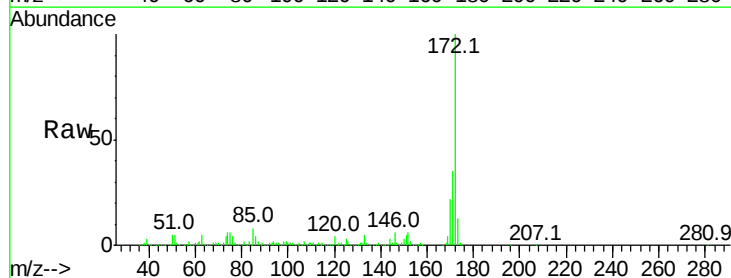
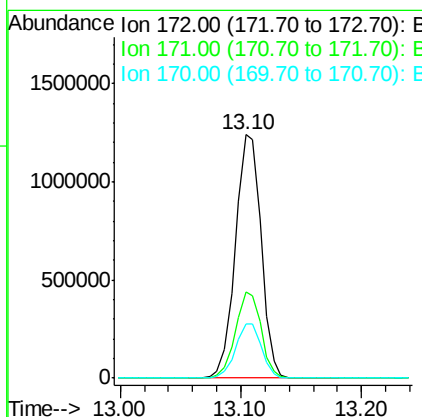
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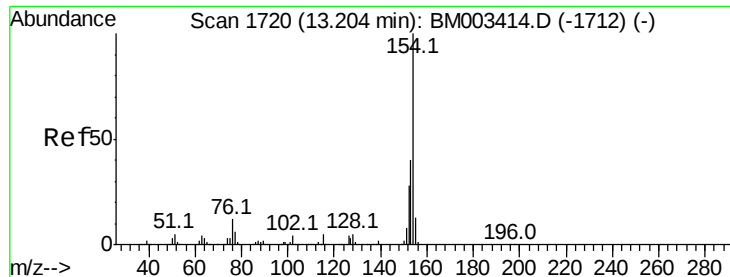
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 87.24 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Tgt Ion	172	Resp	1838455
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.5	42.7
170	22.2	18.8	28.2





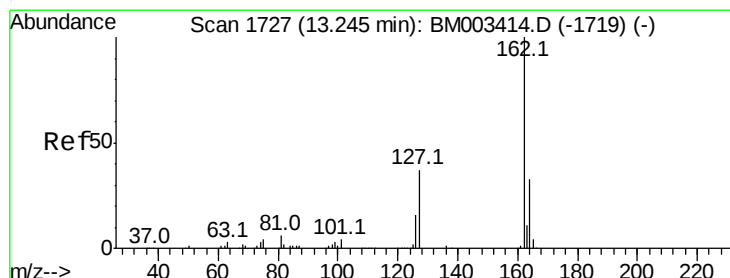
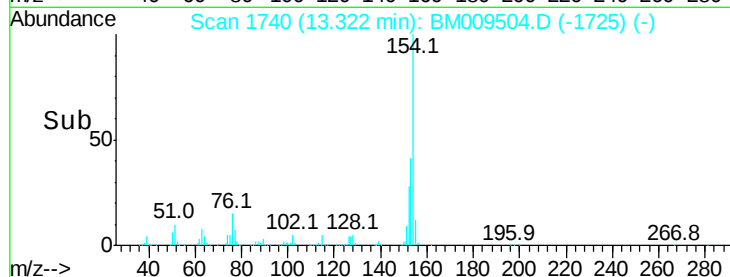
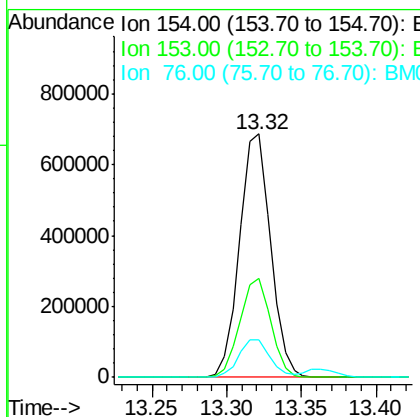
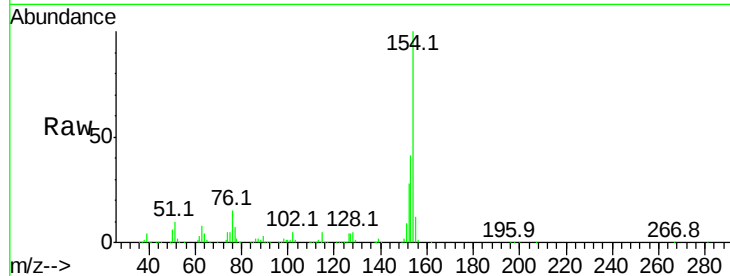
#45
 1,1'-Biphenyl
 Concen: 46.82 ng
 RT: 13.32 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	20.7	60.7	
76	15.3	0.0	30.9	

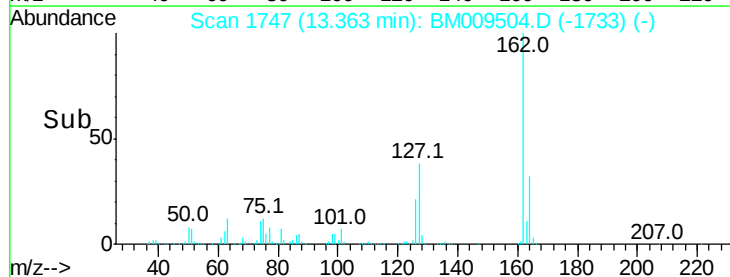
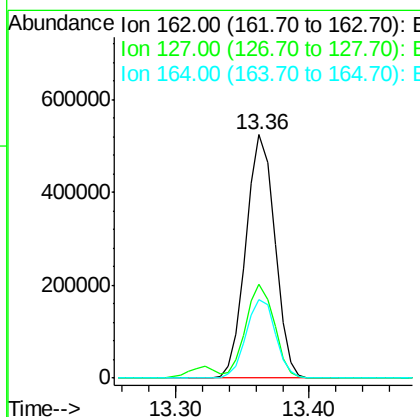
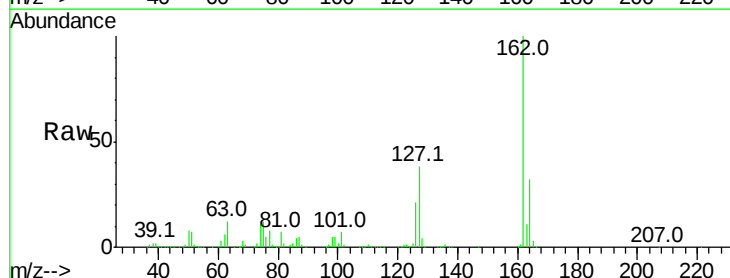
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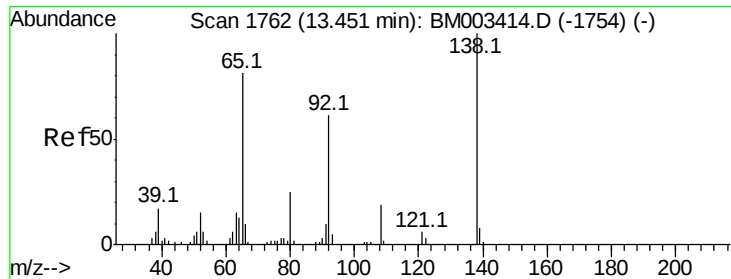
mohammad
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#46
 2-Chloronaphthalene
 Concen: 47.73 ng
 RT: 13.36 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.4	26.9	40.3	
164	32.2	26.8	40.2	





#47

2-Nitroaniline

Concen: 52.56 ng

RT: 13.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MS

Tot Ion: 65 Resp: 317846

Ion Ratio Lower Upper

65 100

92 60.9 59.1 88.7

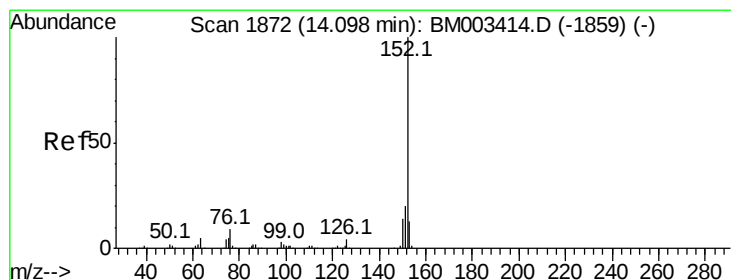
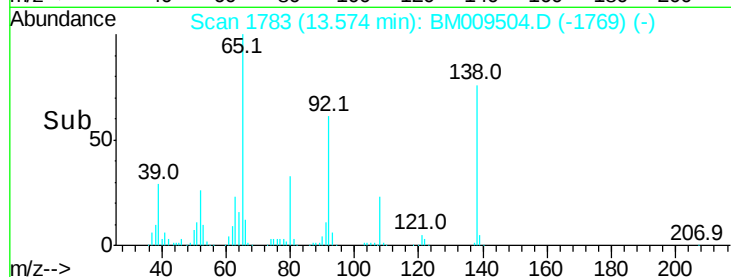
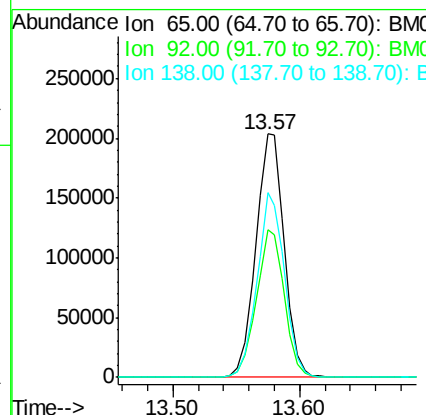
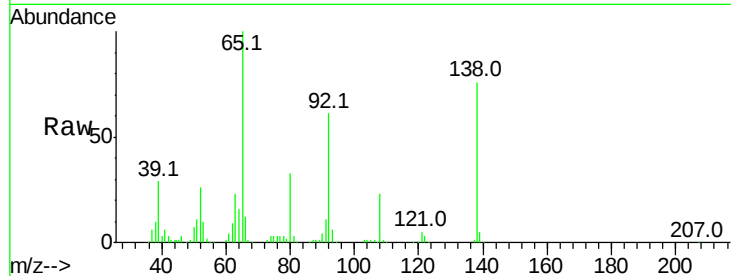
138 76.1 93.9 140.9#

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#48

Acenaphthylene

Concen: 46.59 ng

RT: 14.22 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

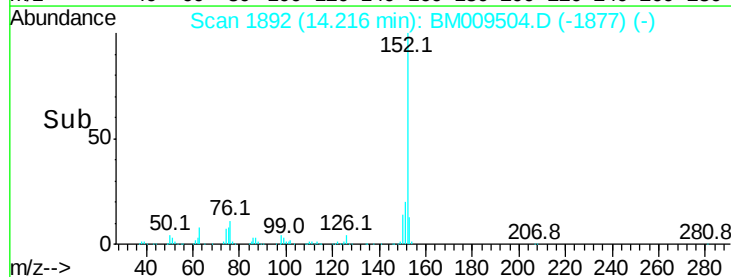
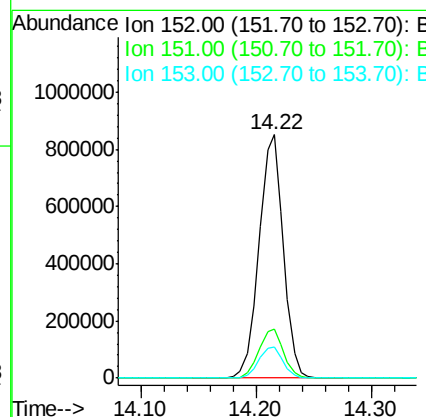
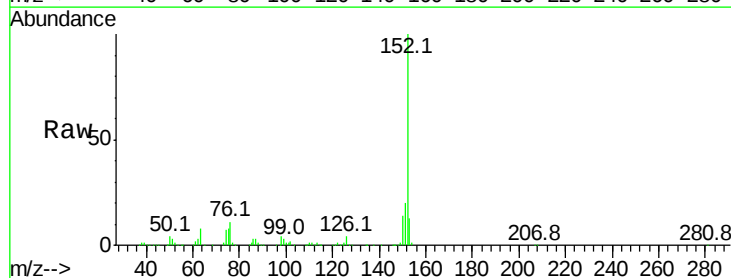
Tgt Ion:152 Resp: 1245571

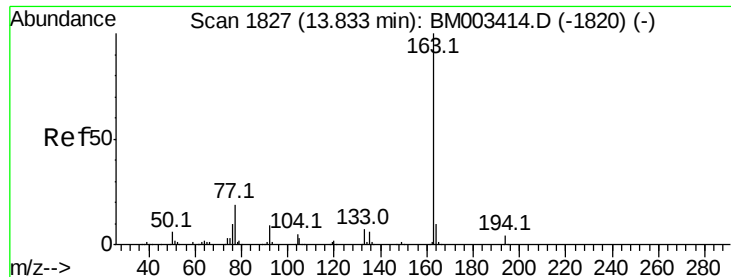
Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.0 10.6 16.0





#49

Dimethylphthalate

Concen: 51.26 ng

RT: 13.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

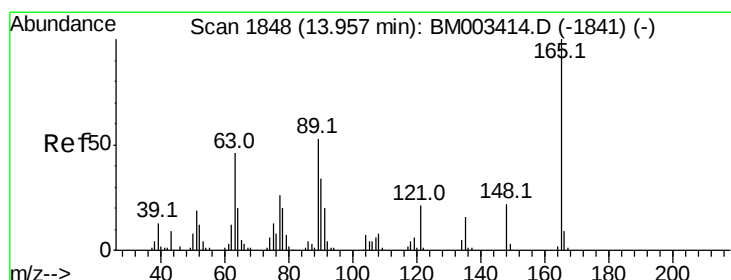
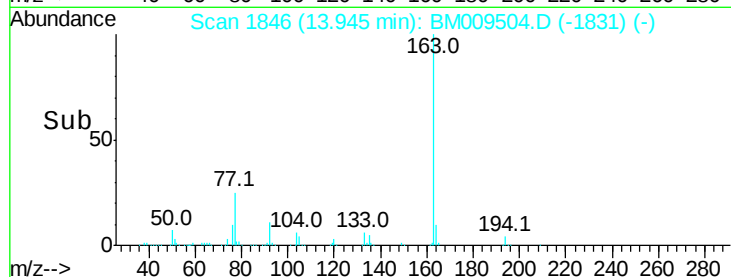
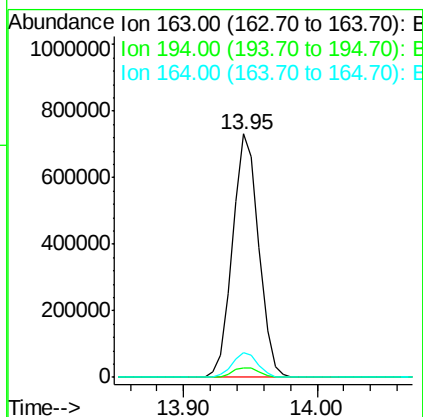
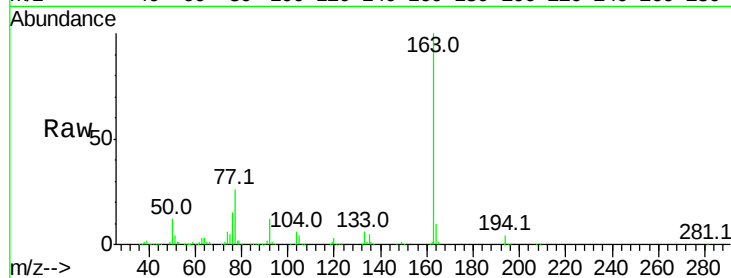
ClientSampleId :

WC-COMP-13MS

Tot Ion:	163	Resp:	999439
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	10.1	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 51.27 ng

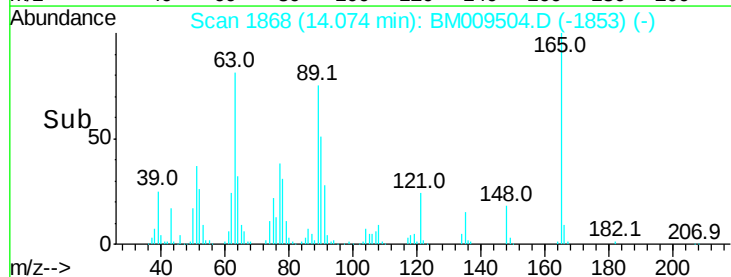
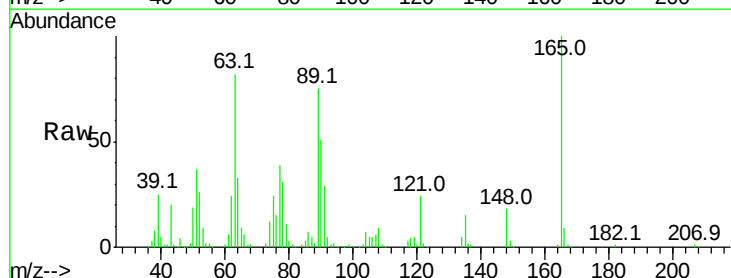
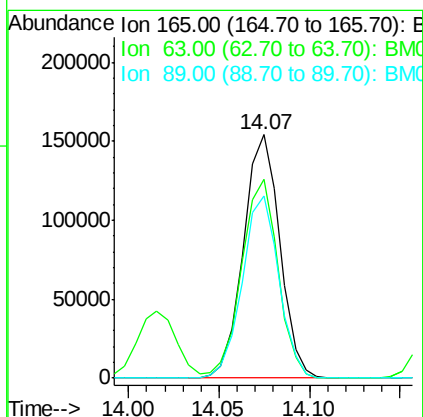
RT: 14.07 min Scan# 1868

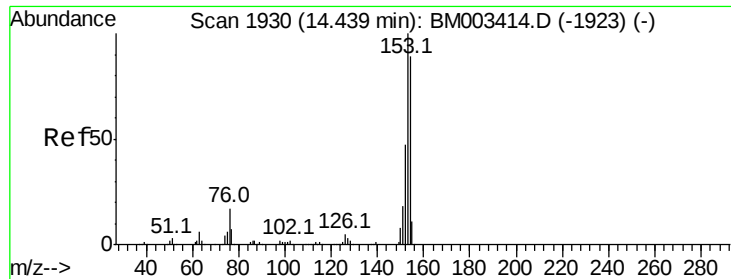
Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Tgt Ion:	165	Resp:	215382
Ion Ratio	Lower	Upper	
165	100		
63	81.5	44.1	66.1#
89	74.6	44.3	66.5#





#51

Acenaphthene

Concen: 48.48 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

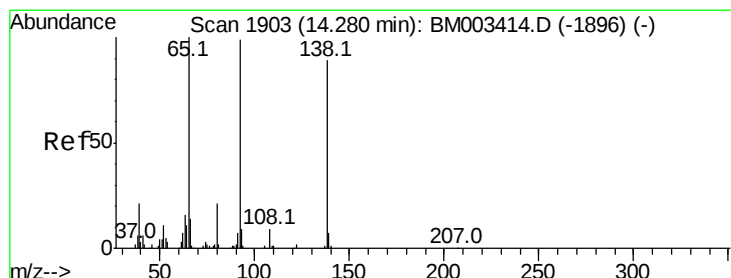
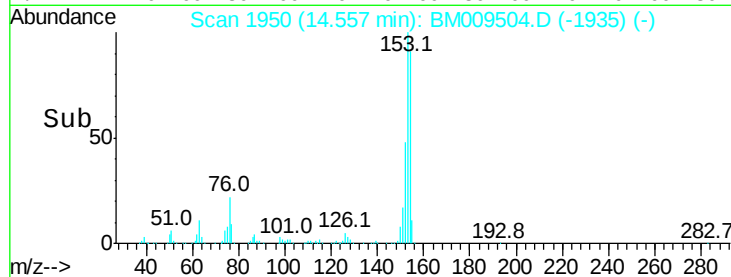
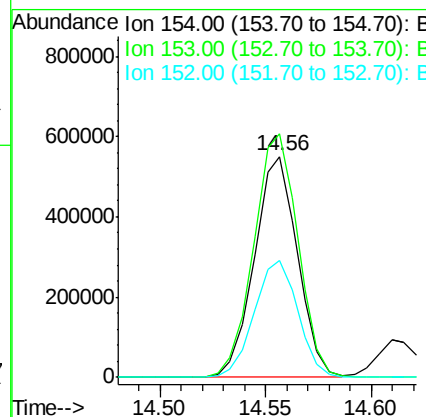
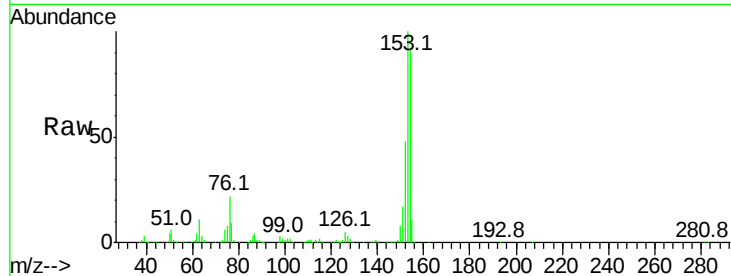
ClientSampleId :

WC-COMP-13MS

Tot Ion:	154	Resp:	782079
Ion Ratio	Lower	Upper	
154	100		
153	110.1	90.0	135.0
152	53.1	42.6	63.8

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#52

3-Nitroaniline

Concen: 16.10 ng

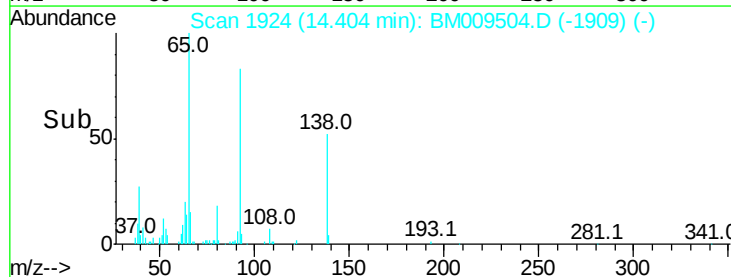
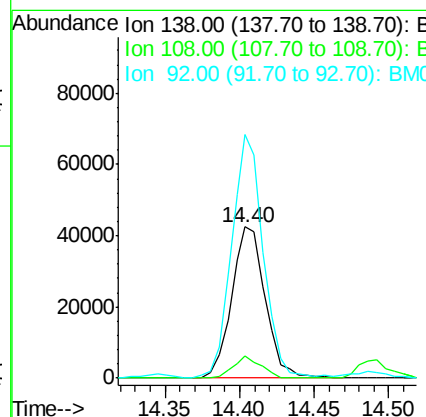
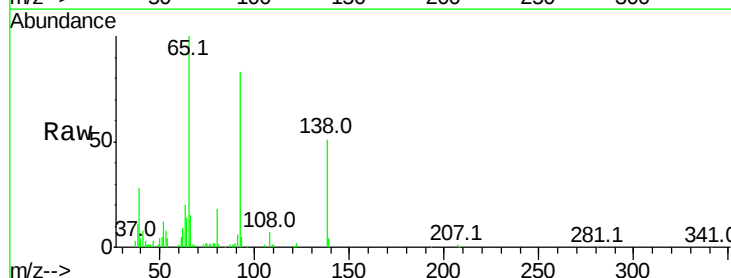
RT: 14.40 min Scan# 1924

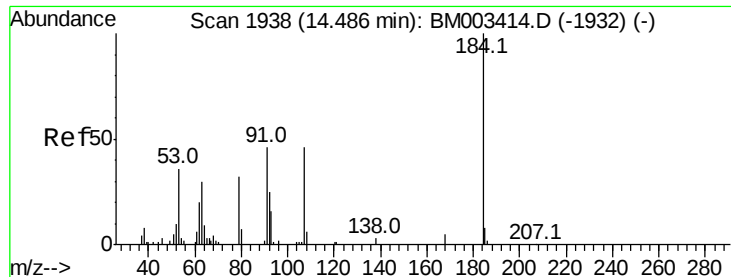
Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Tgt Ion:	138	Resp:	66646
Ion Ratio	Lower	Upper	
138	100		
108	14.3	7.3	10.9#
92	160.9	76.6	114.8#





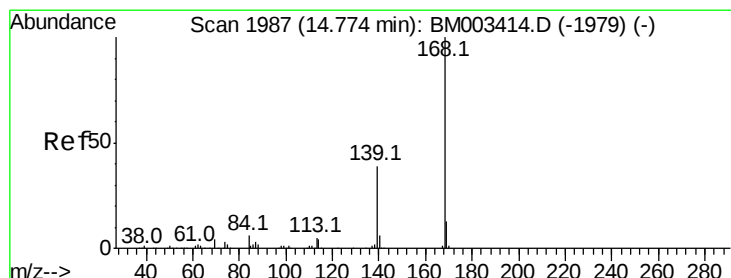
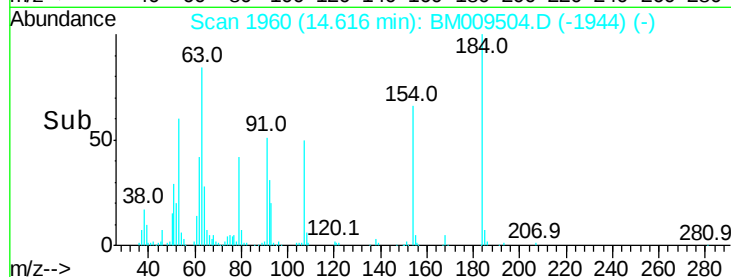
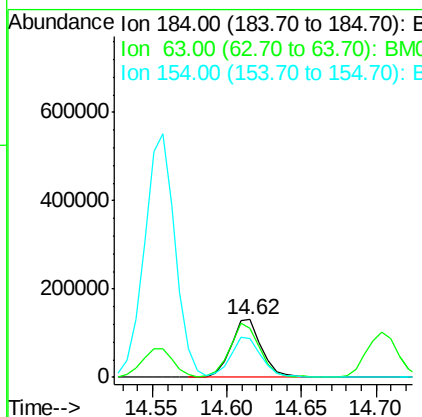
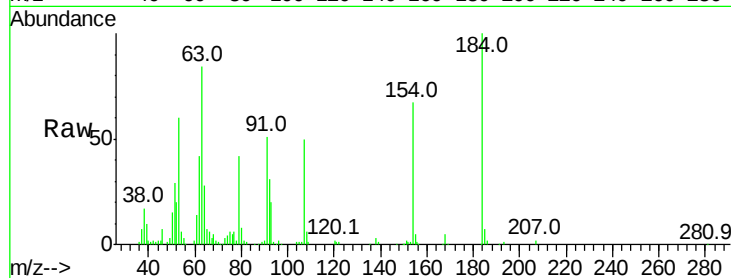
#53
2,4-Dinitrophenol
Concen: 67.39 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	83.9	69.2	103.8
154	67.3	53.3	79.9

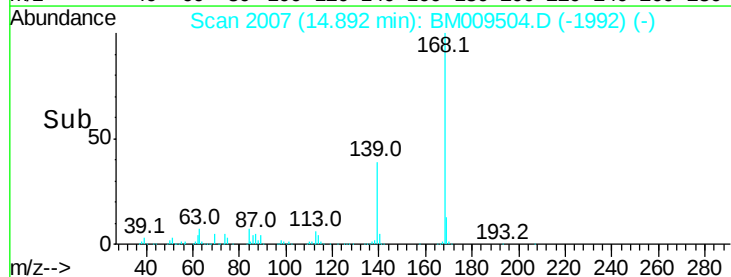
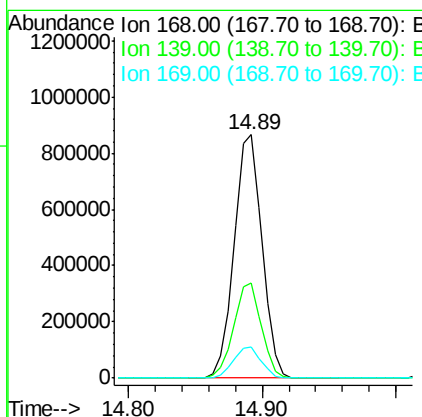
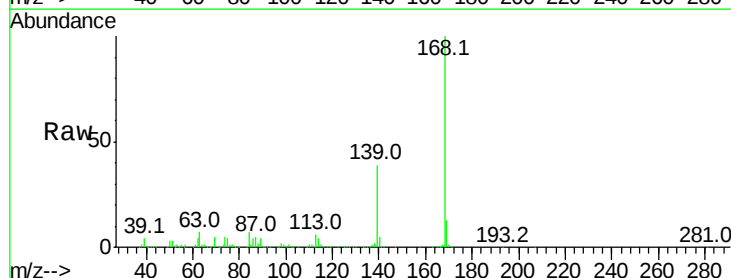
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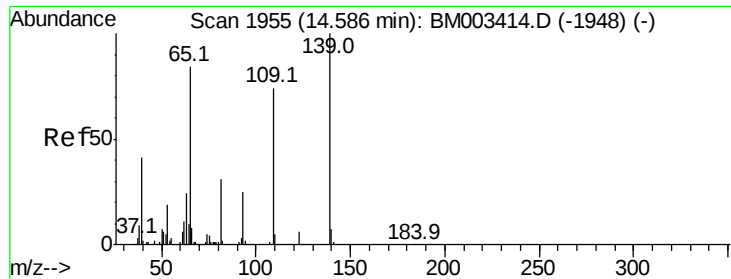
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#54
Dibenzofuran
Concen: 52.57 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	27.3	40.9
169	12.9	10.6	16.0





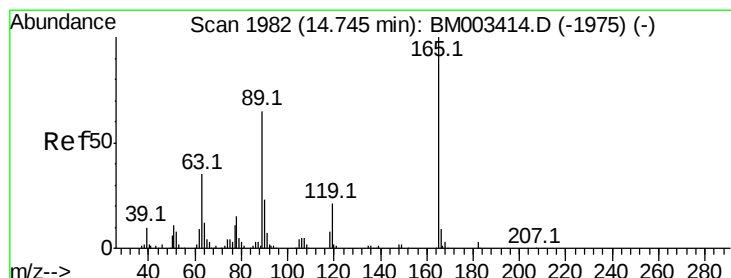
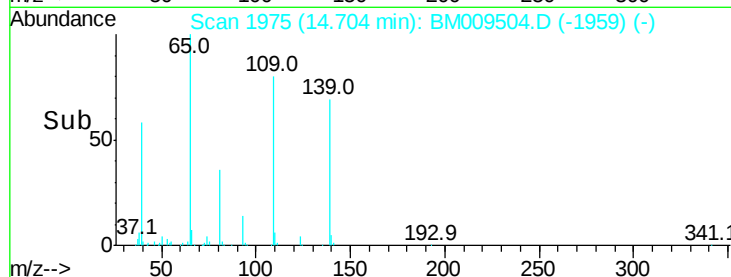
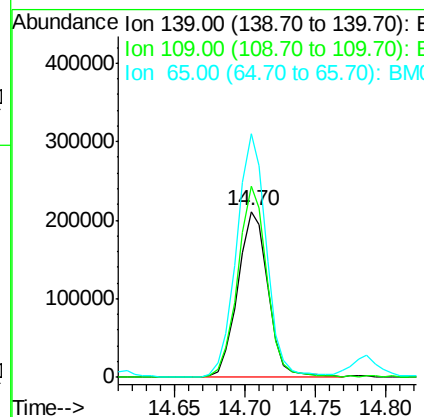
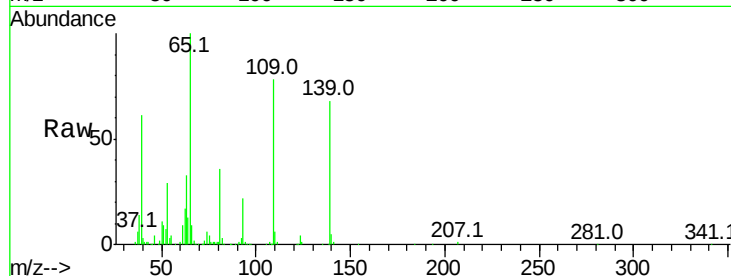
#55
4-Nitrophenol
Concen: 92.27 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	115.2	37.7	77.7#	
65	147.0	49.9	89.9#	

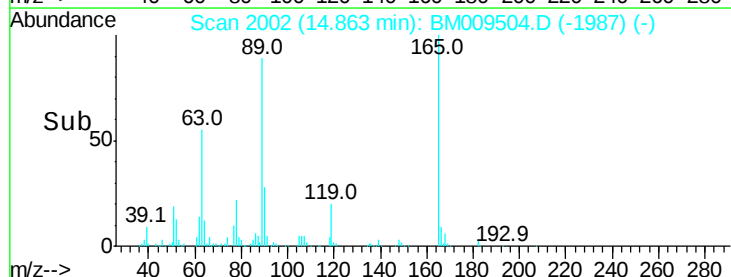
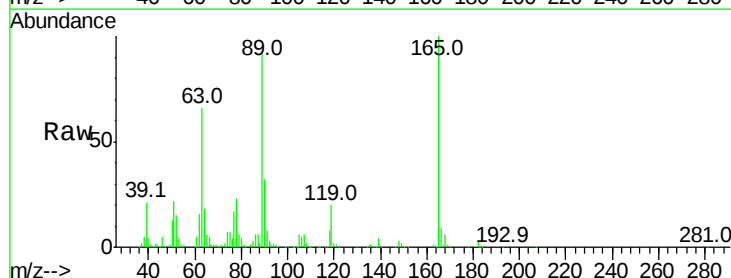
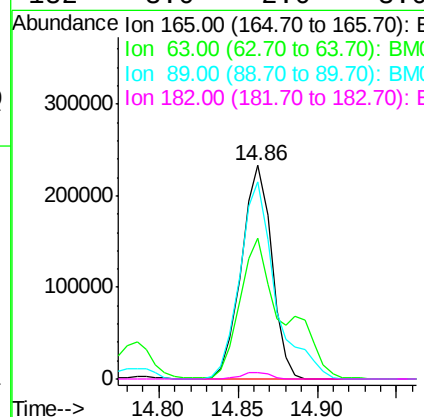
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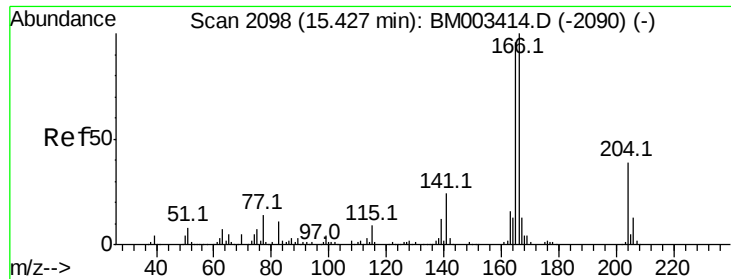
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#56
2,4-Dinitrotoluene
Concen: 54.57 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	65.8	52.4	78.6	
89	92.0	72.4	108.6	
182	3.0	2.0	3.0#	





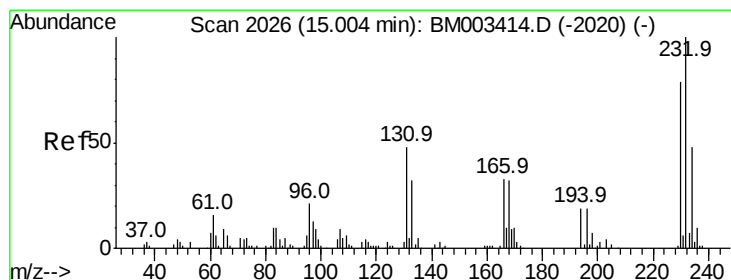
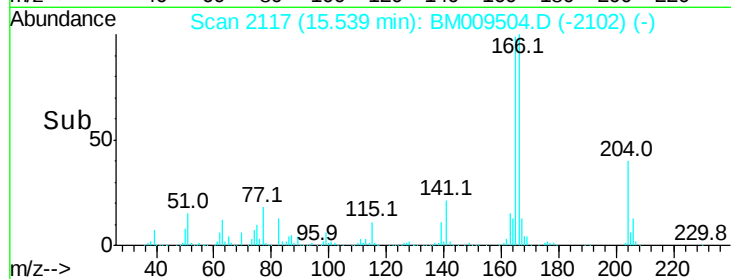
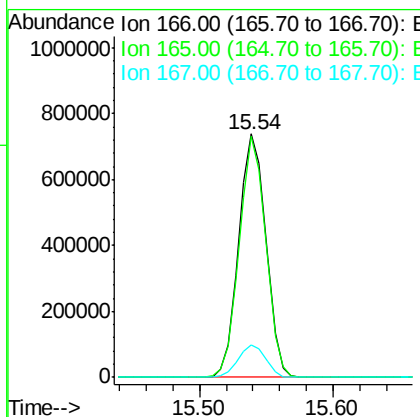
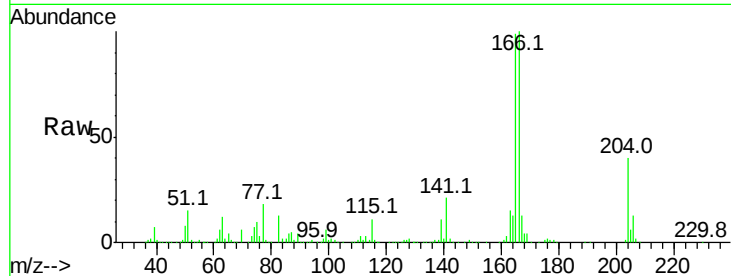
#57
Fluorene
 Concen: 48.52 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MS

Tot Ion:166 Resp: 1040309
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.0 118.4
 167 13.4 10.3 15.5

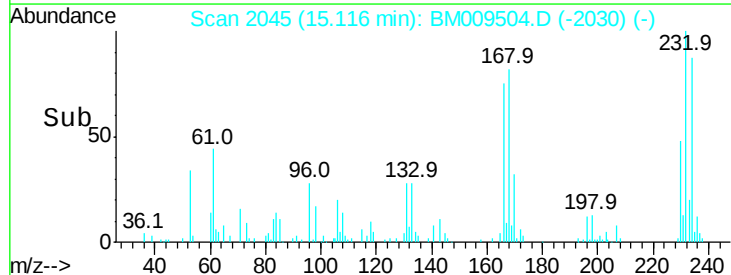
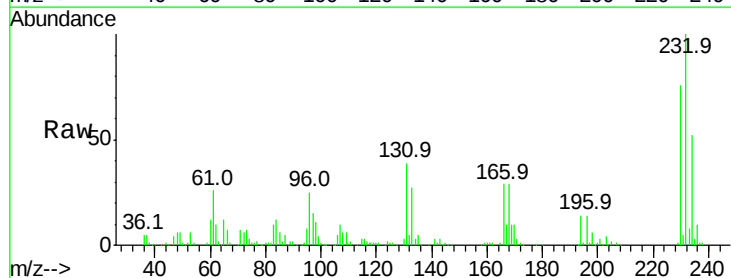
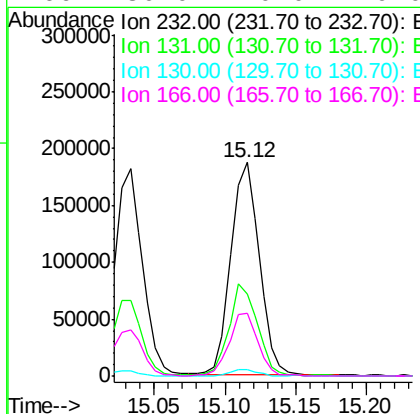
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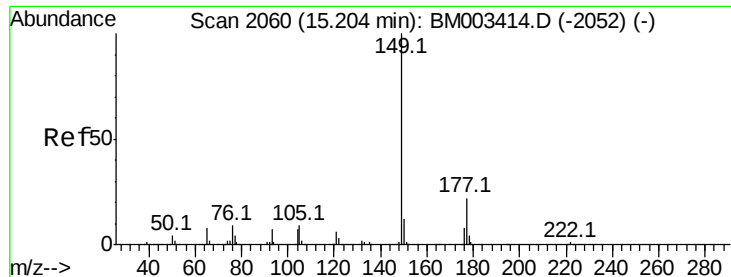
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.23 ng
 RT: 15.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Tgt Ion:232 Resp: 264989
 Ion Ratio Lower Upper
 232 100
 131 42.1 0.0 0.0#
 130 2.9 0.0 0.0#
 166 30.0 0.0 0.0#





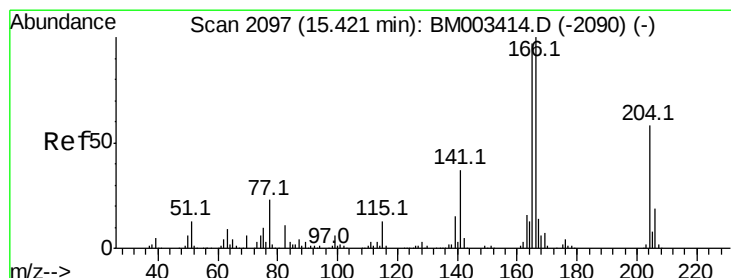
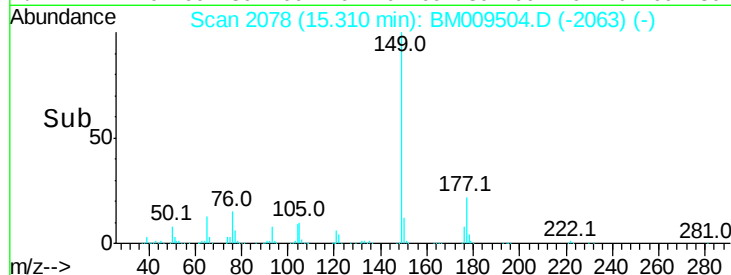
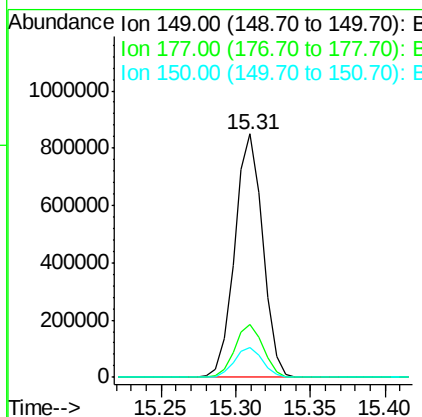
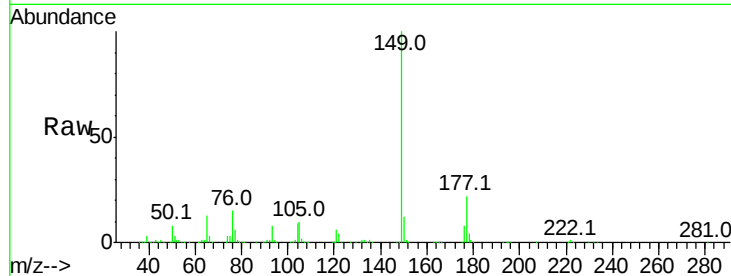
#59
Diethylphthalate
Concen: 56.10 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.3	27.5
150	12.1	9.8	14.8

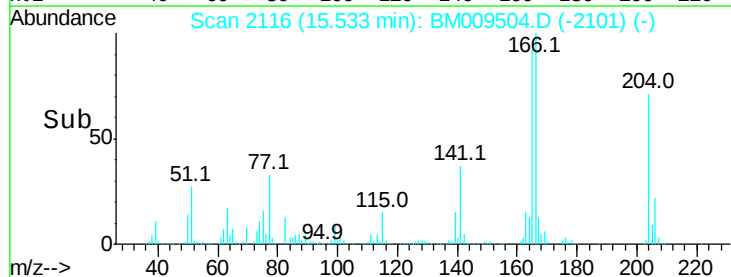
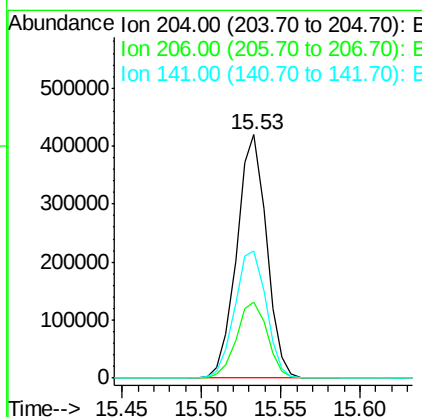
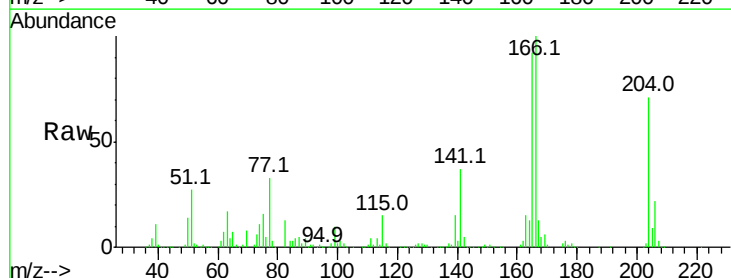
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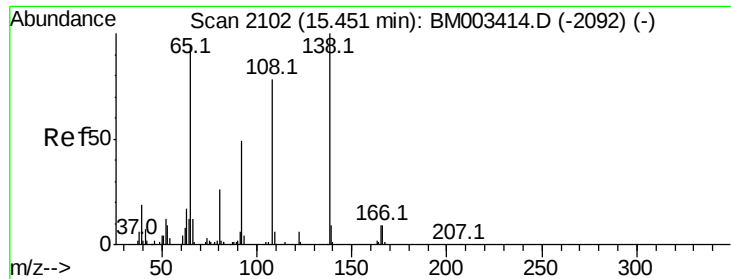
mohammad
4/4/2017 5:33:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 48.67 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.6	39.8
141	52.4	45.2	67.8





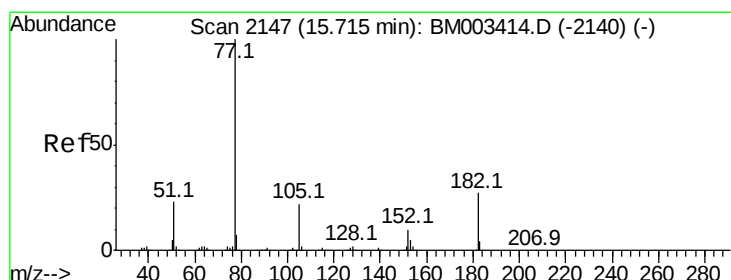
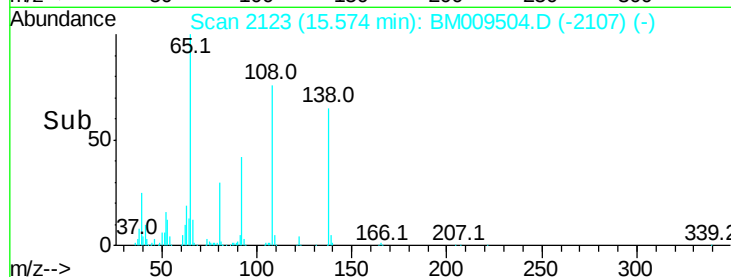
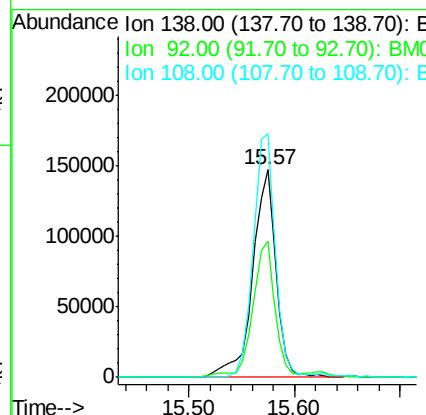
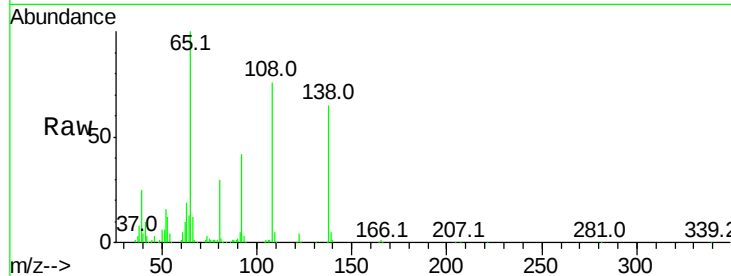
#61
4-Nitroaniline
Concen: 51.16 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	65.6	16.7	56.7#
108	117.5	37.6	77.6#

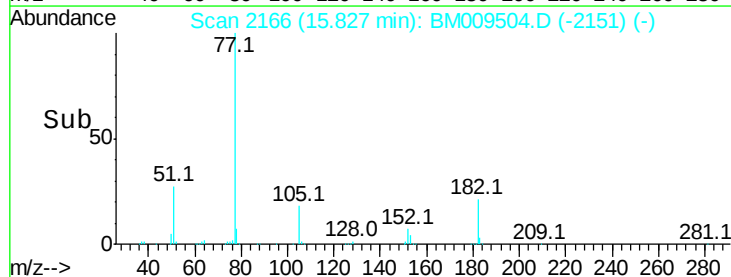
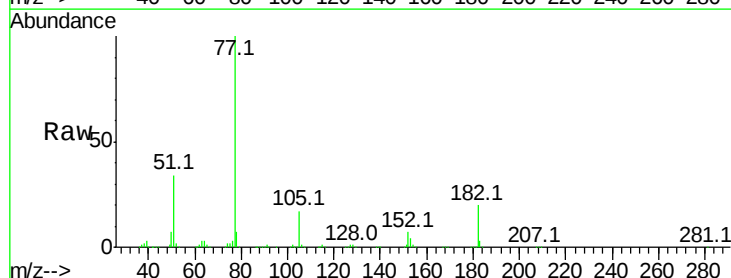
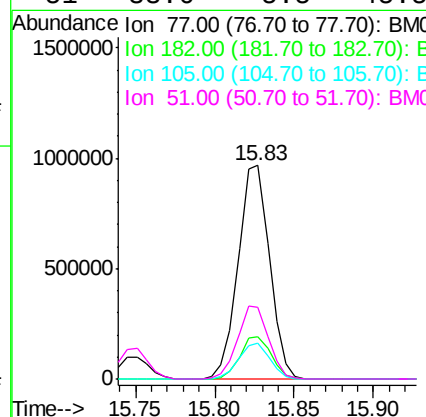
Manual Integrations
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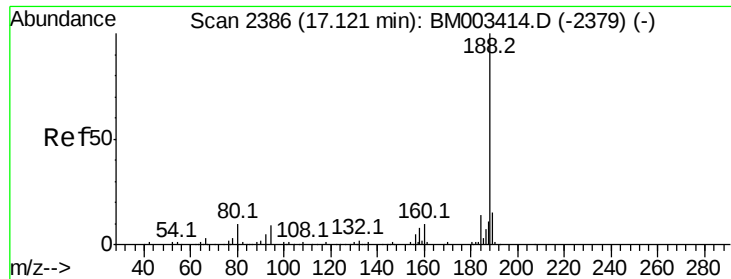
mohammad
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#62
Azobenzene
Concen: 57.51 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.9	6.5	46.5
105	16.7	3.8	43.8
51	33.6	5.5	45.5





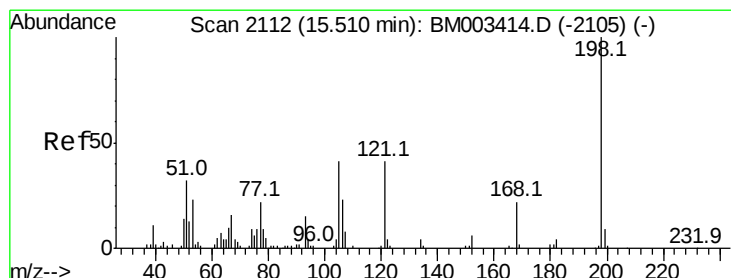
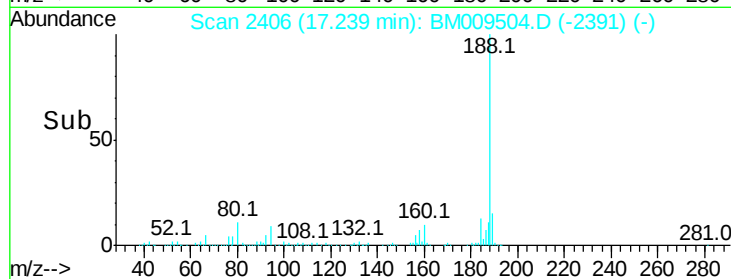
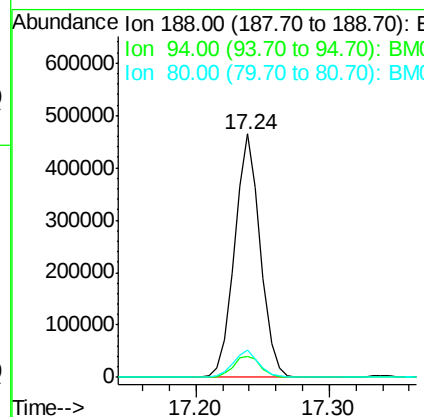
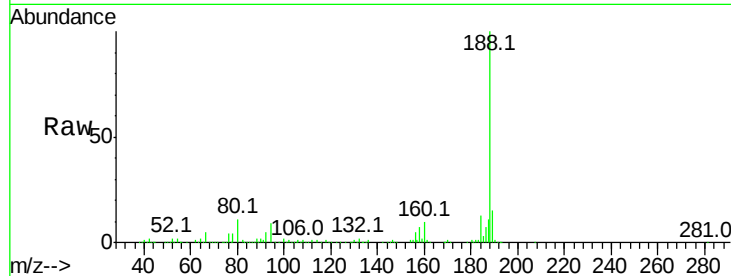
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	620826		
94	8.7		8.7	13.1#
80	11.1		9.3	13.9

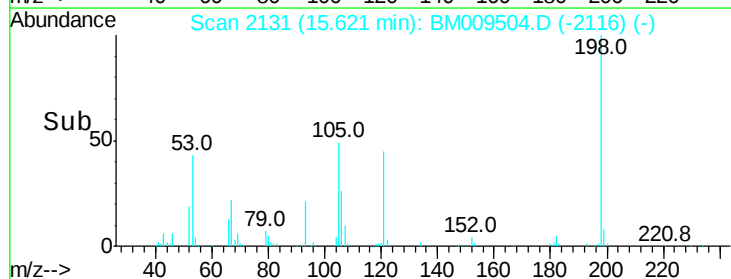
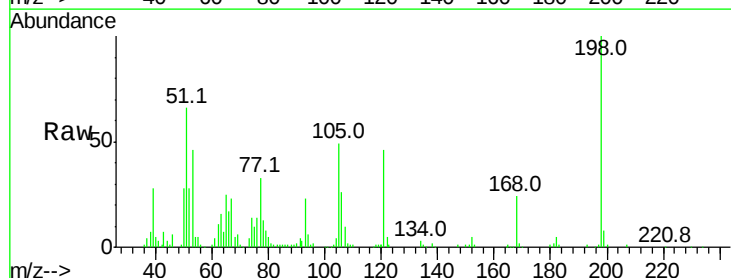
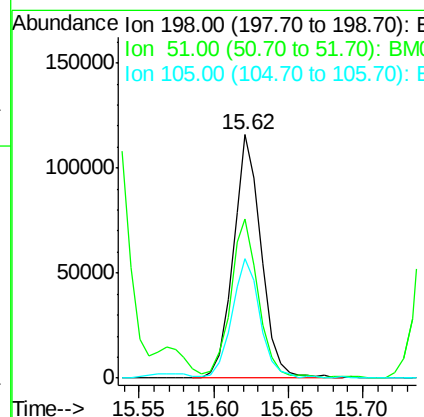
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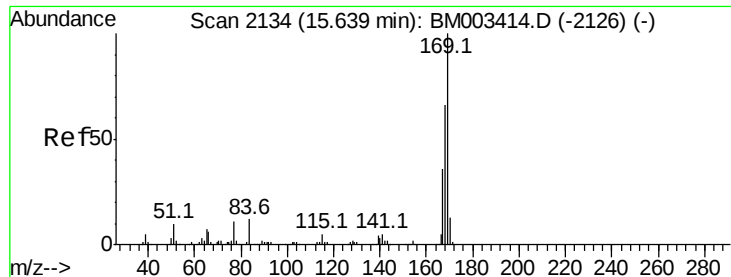
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 38.71 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	151402		
51	65.6		28.8	68.8
105	49.0		30.5	70.5





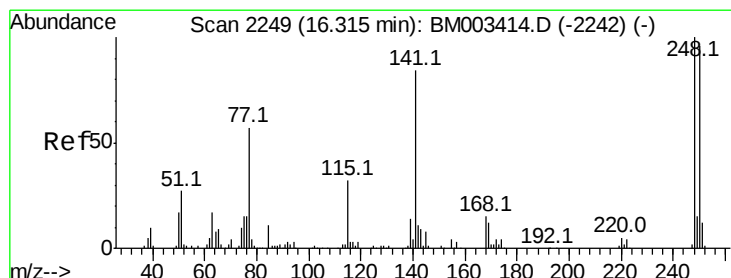
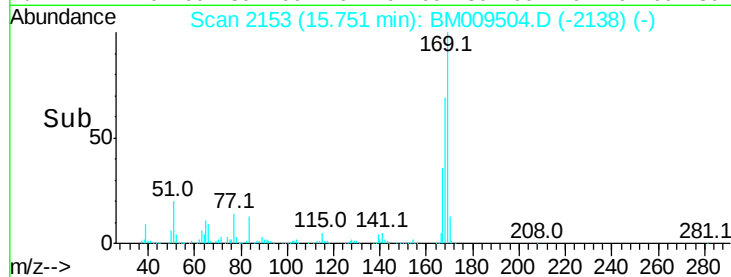
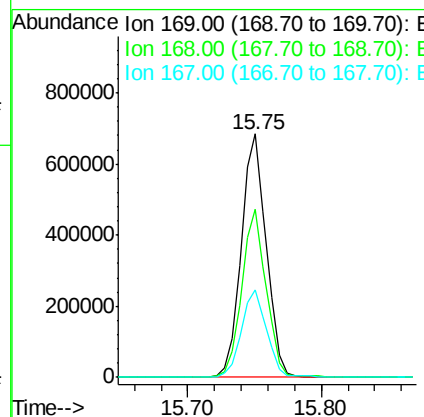
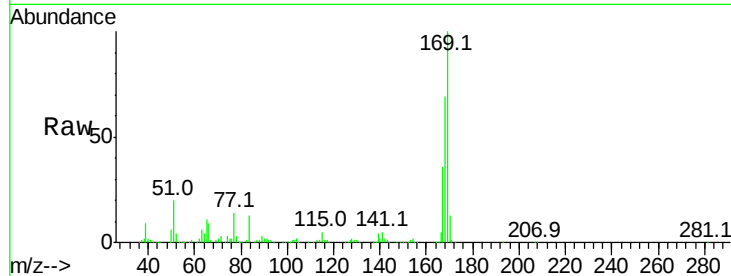
#65
n-Nitrosodiphenylamine
Concen: 46.92 ng
RT: 15.75 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	884828		
168	68.9		53.9	80.9
167	36.0		28.9	43.3

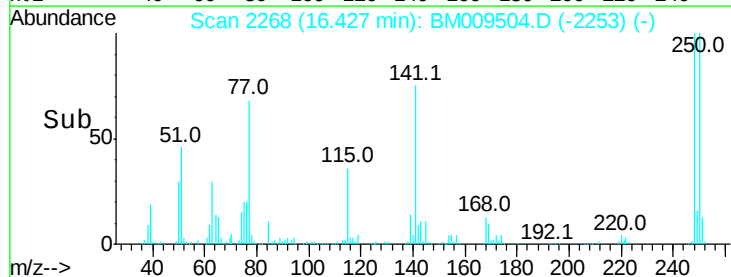
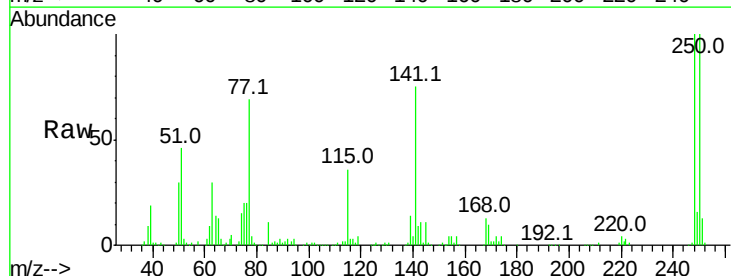
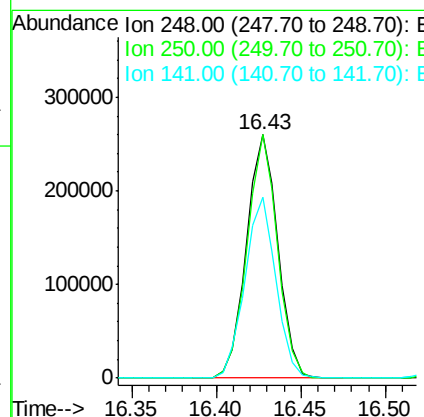
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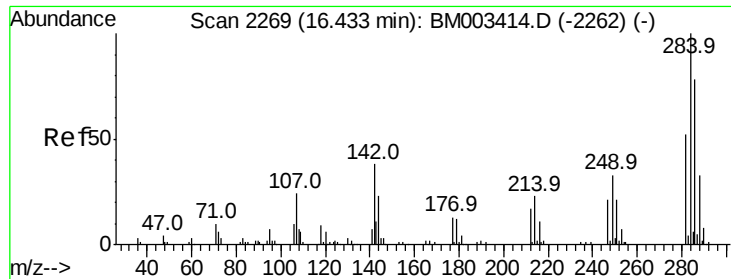
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#66
4-Bromophenyl-phenylether
Concen: 46.85 ng
RT: 16.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	336986		
250	99.9		77.4	116.0
141	74.6		45.2	67.8





#67

Hexachlorobenzene

Concen: 47.23 ng

RT: 16.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

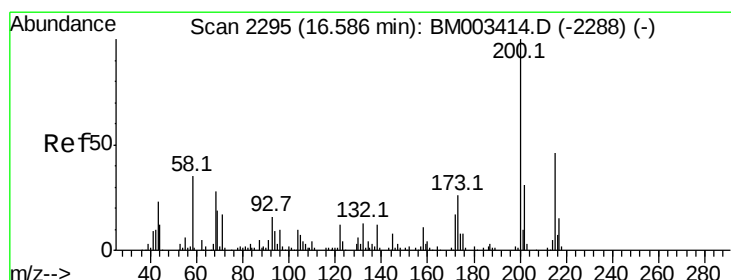
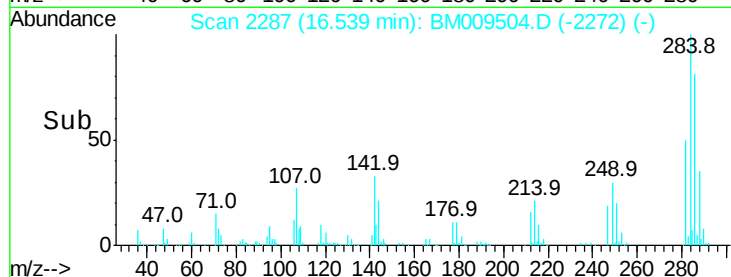
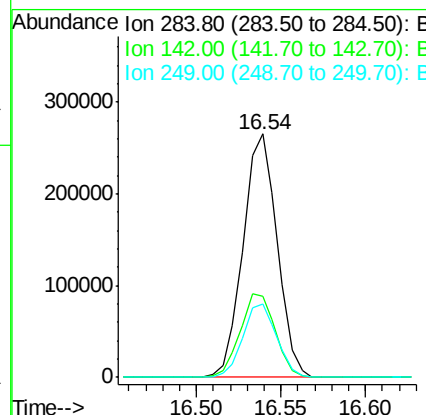
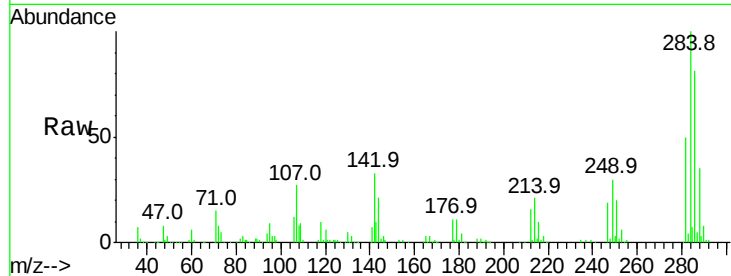
ClientSampleId :

WC-COMP-13MS

Tot Ion:	284	Resp:	372368
Ion Ratio	Lower	Upper	
284	100		
142	33.2	20.4	30.6#
249	30.3	23.8	35.6

Manual Integrations
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#68

Atrazine

Concen: 46.98 ng

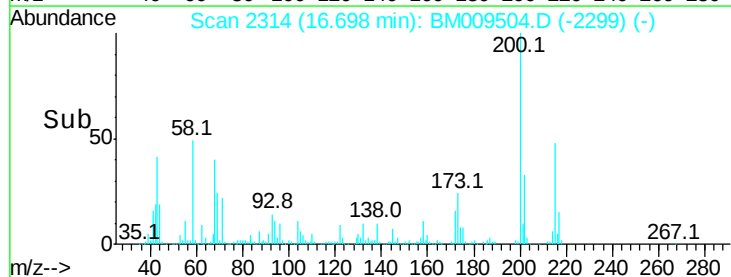
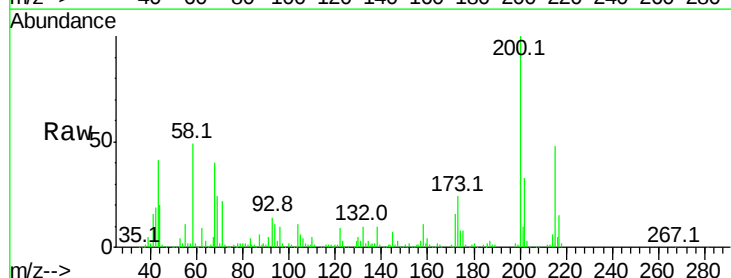
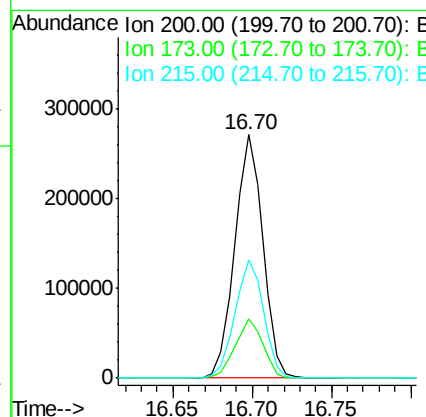
RT: 16.70 min Scan# 2314

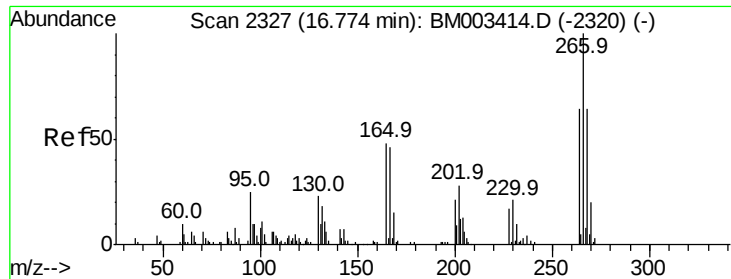
Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Tgt Ion:	200	Resp:	333236
Ion Ratio	Lower	Upper	
200	100		
173	24.1	4.8	44.8
215	48.4	26.9	66.9





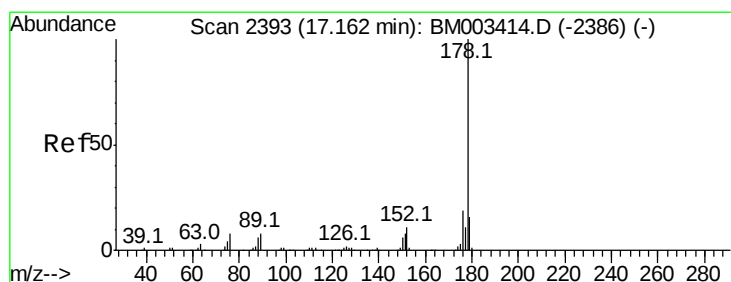
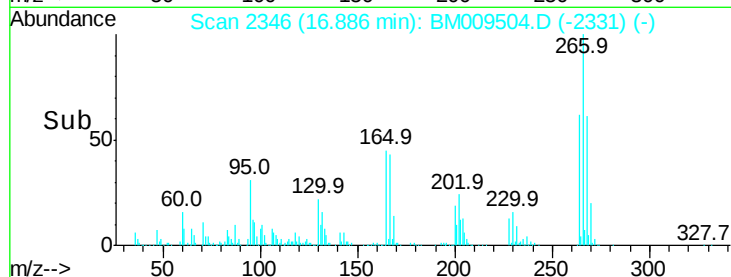
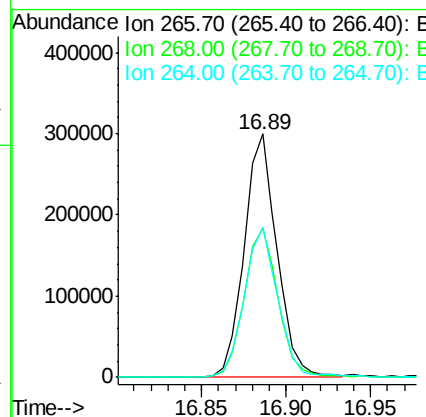
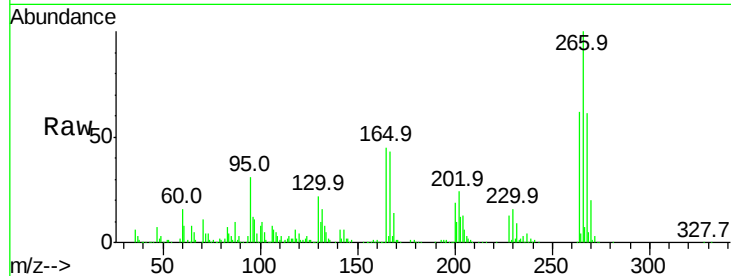
#69
 Pentachlorophenol
 Concen: 84.11 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MS

Tot Ion:	266	Resp:	405095
Ion Ratio	Lower	Upper	
266	100		
268	61.4	52.0	78.0
264	61.6	49.0	73.4

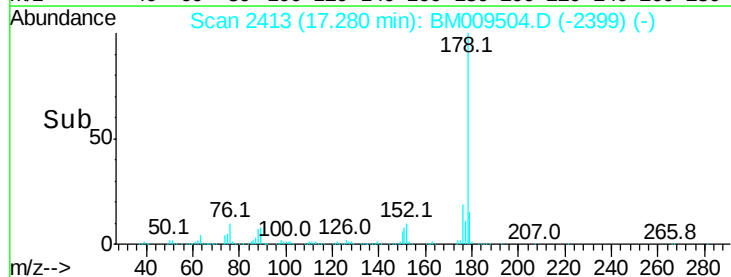
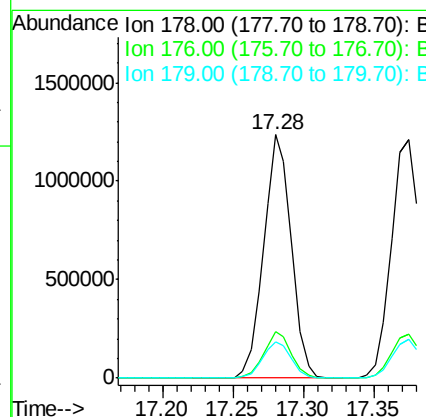
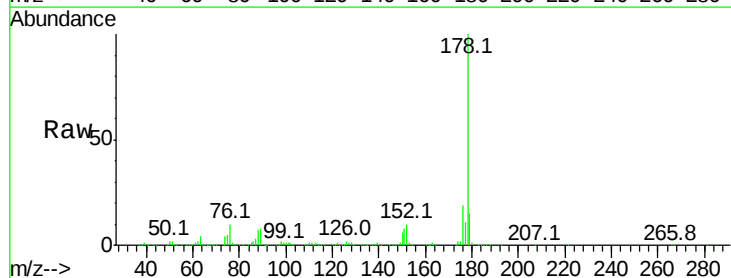
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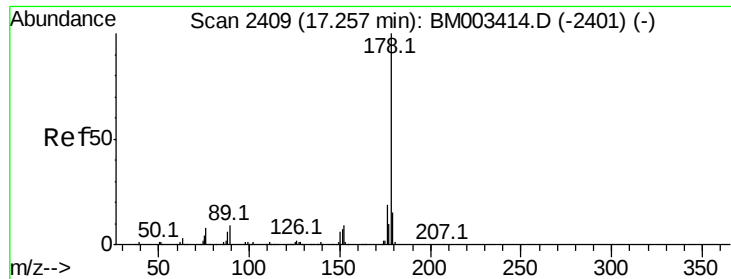
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#70
 Phenanthrene
 Concen: 47.79 ng
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Tgt Ion:	178	Resp:	1696560
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.2	22.8
179	15.1	12.1	18.1





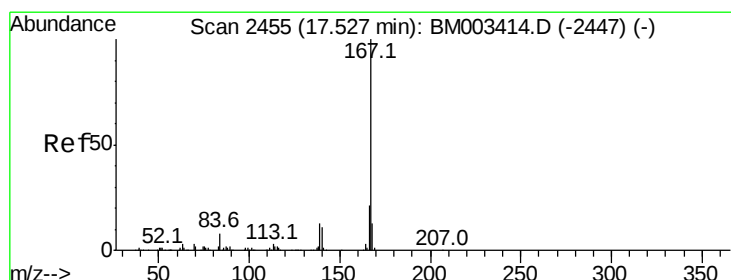
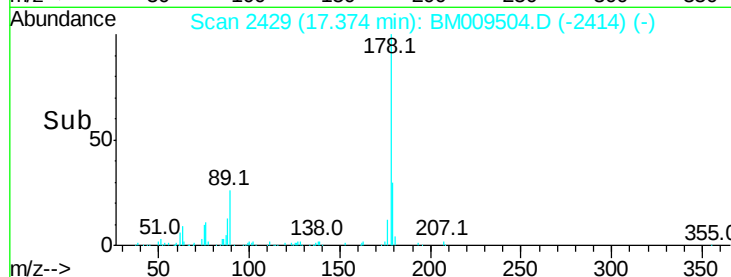
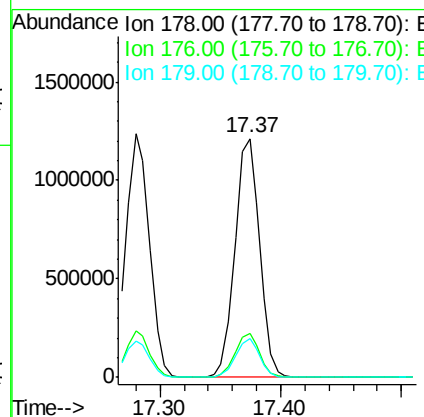
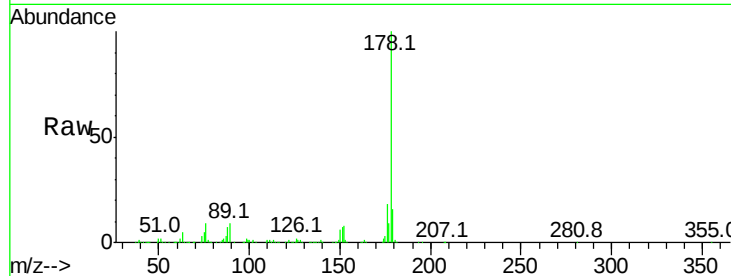
#71
 Anthracene
 Concen: 47.87 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	16.2	12.6	19.0

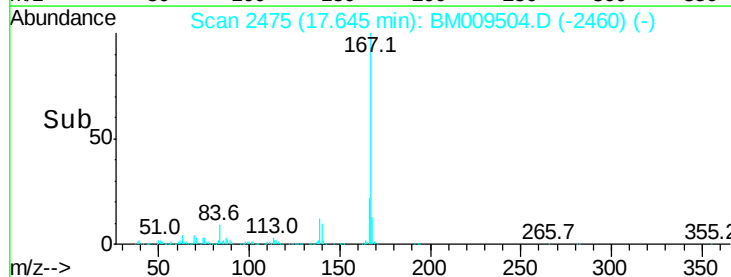
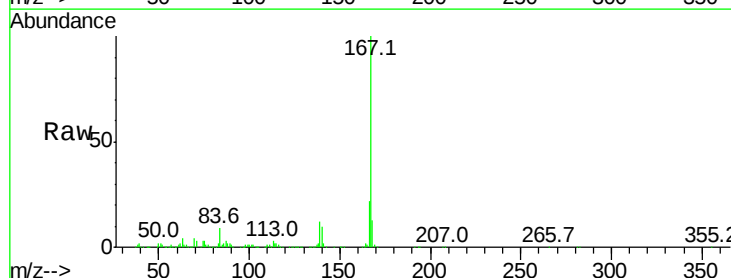
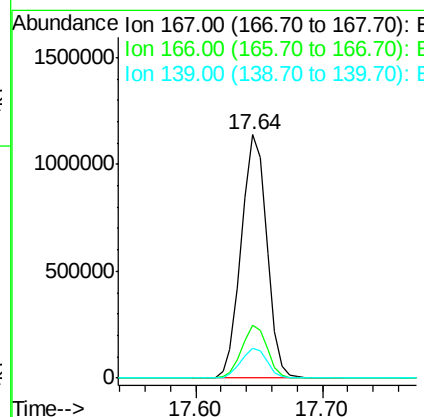
Manual Integrations
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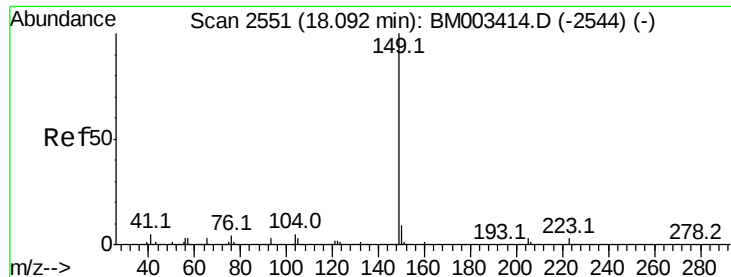
mohammad
 4/4/2017 5:33:18 PM



#72
 Carbazole
 Concen: 46.12 ng
 RT: 17.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	12.1	10.8	16.2





#73

Di-n-butylphthalate

Concen: 52.98 ng

RT: 18.19 min Scan# 2568

Delta R.T. -0.02 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MS

Tot Ion:149 Resp: 1862794

Ion Ratio Lower Upper

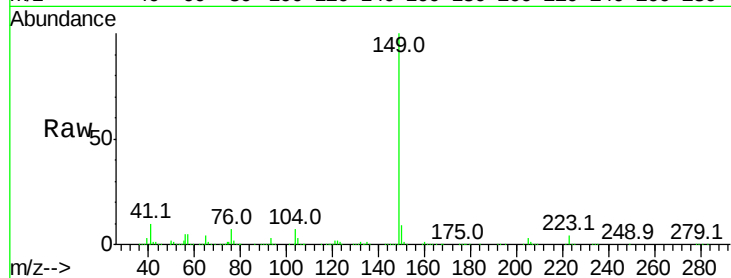
149 100

150 9.3 7.5 11.3

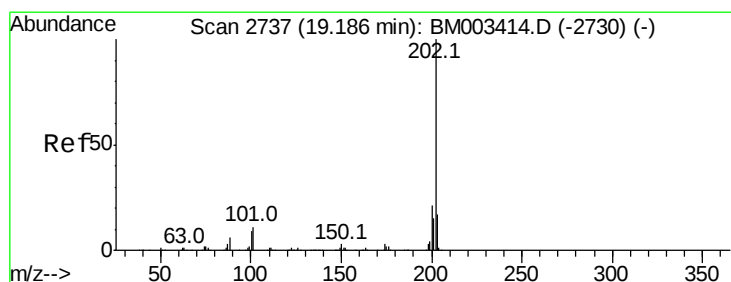
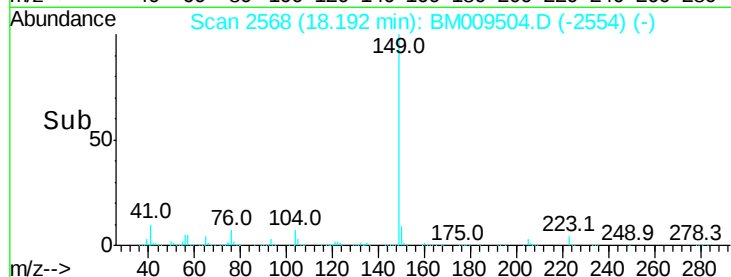
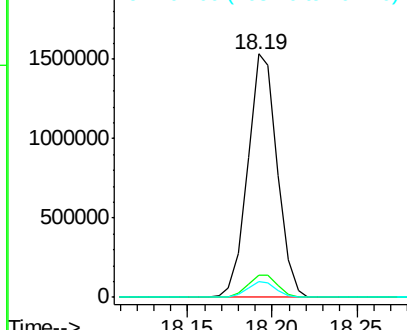
104 6.7 3.7 5.5#

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



#74

Fluoranthene

Concen: 50.13 ng

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

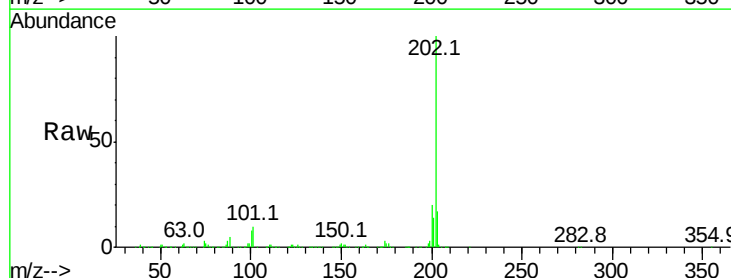
Tgt Ion:202 Resp: 2107795

Ion Ratio Lower Upper

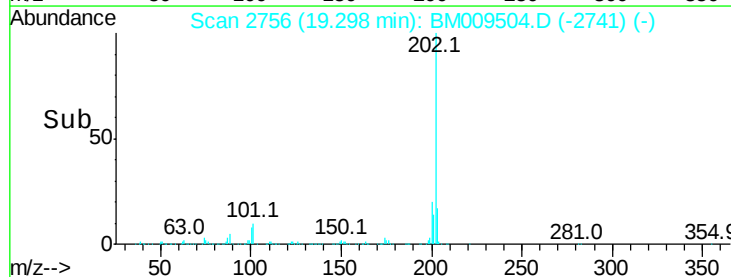
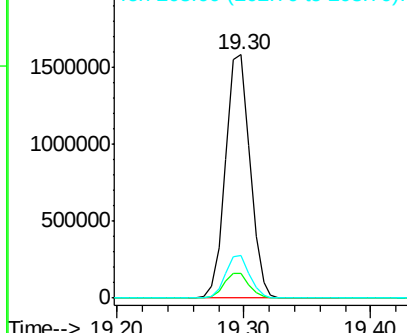
202 100

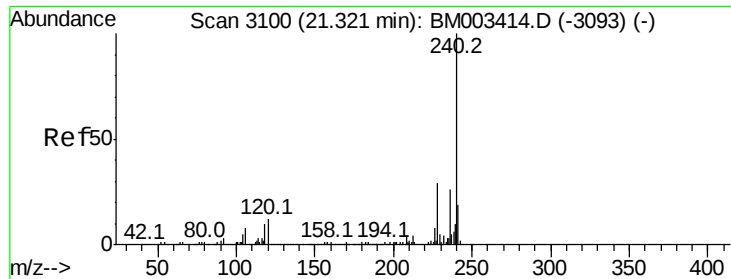
101 10.3 0.0 28.7

203 17.4 0.0 37.2



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

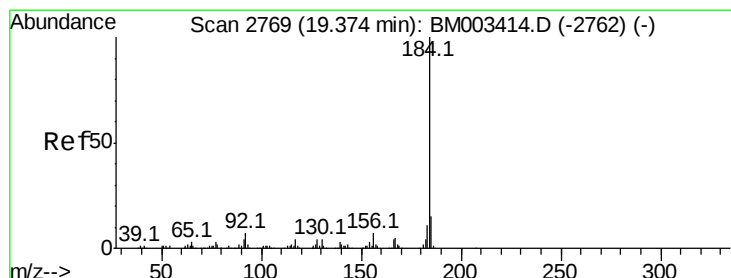
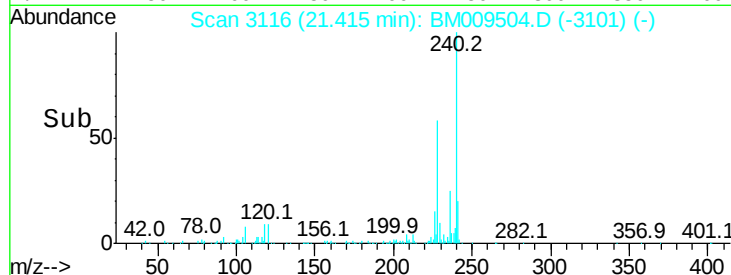
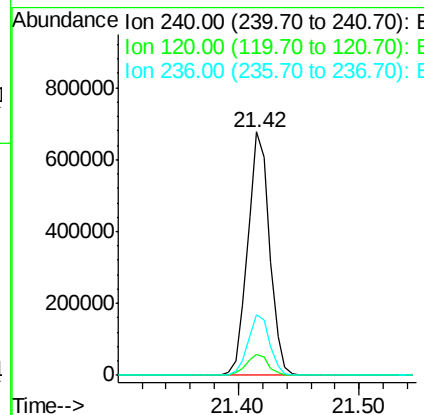
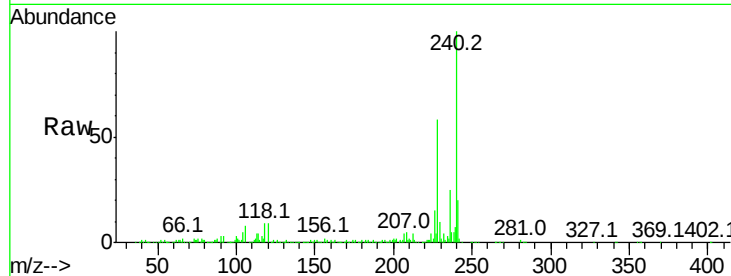
ClientSampleId :

WC-COMP-13MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	853592		
120	8.7		8.2	12.2
236	25.1		20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 23.57 ng

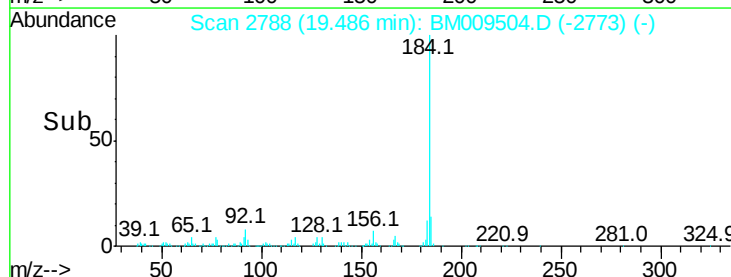
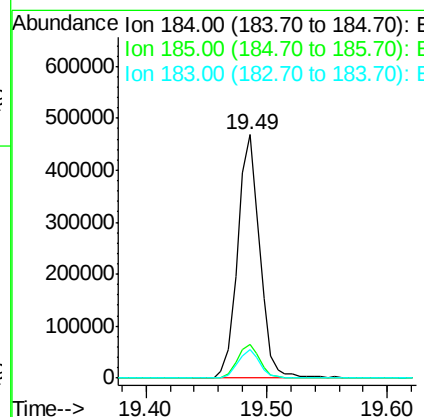
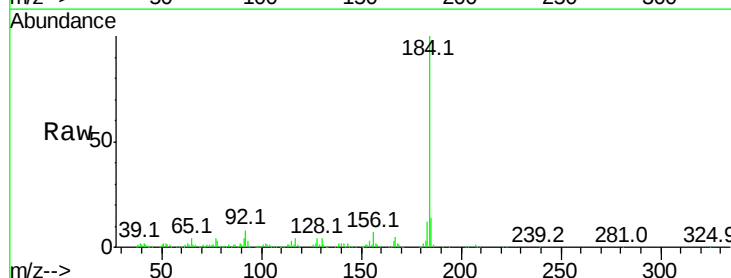
RT: 19.49 min Scan# 2788

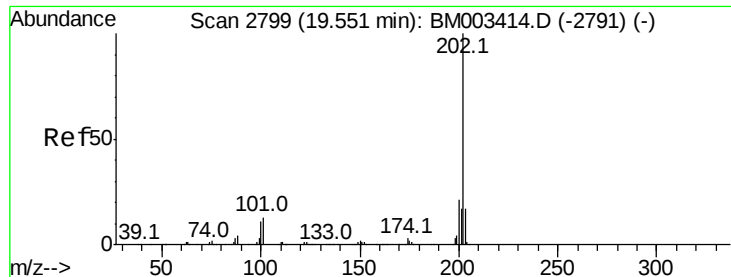
Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	599499		
185	14.0		11.3	16.9
183	11.9		8.9	13.3





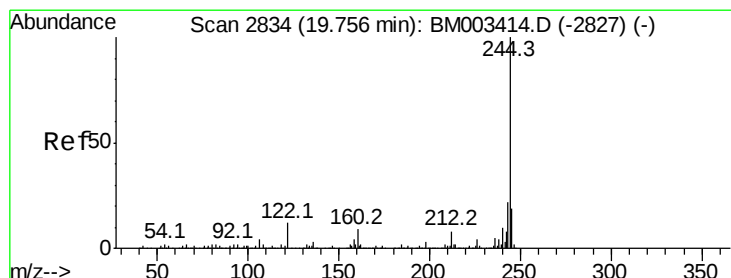
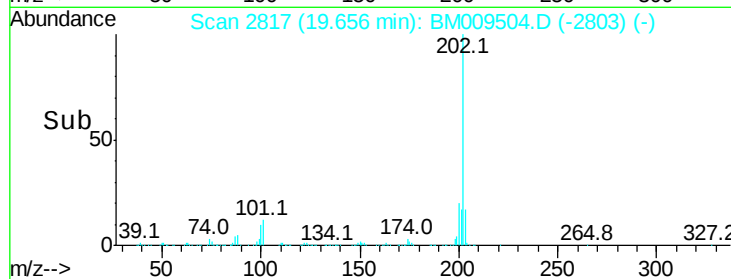
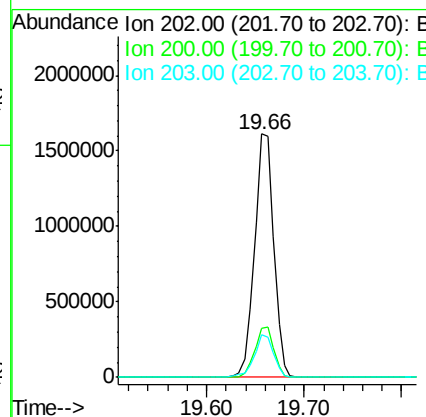
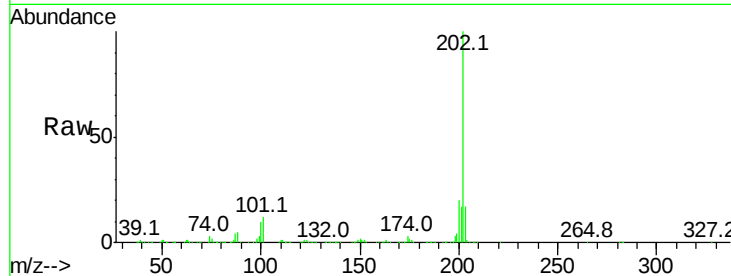
#77
Pvrene
Concen: 45.55 ng
RT: 19.66 min Scan# 2817
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.9	25.3
203	17.4	14.1	21.1

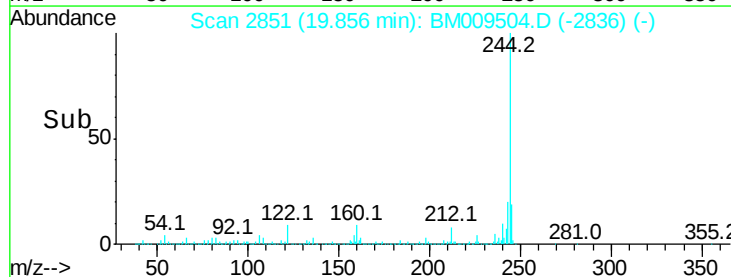
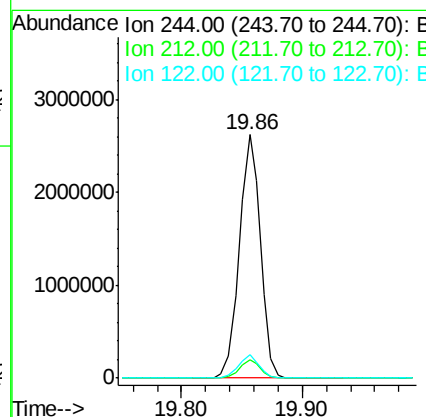
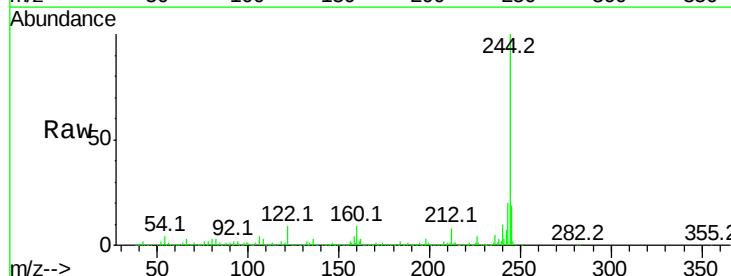
Manual Integrations
APPROVED

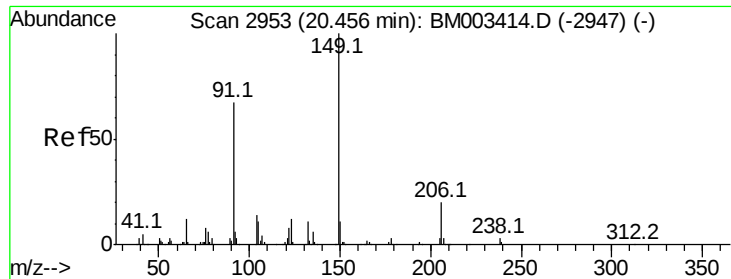
mohammad
4/4/2017 5:33:18 PM



#78
Terphenyl-d14
Concen: 77.71 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	9.5	6.2	9.4#





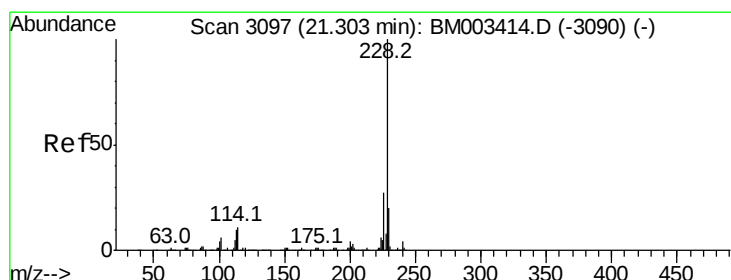
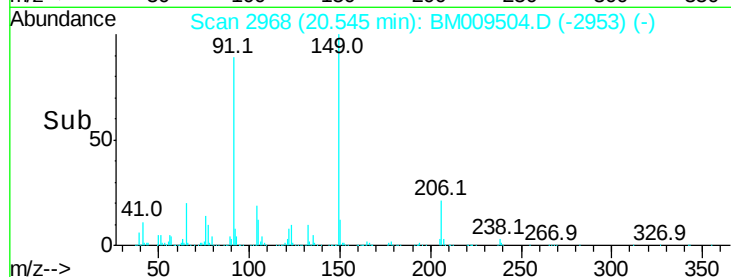
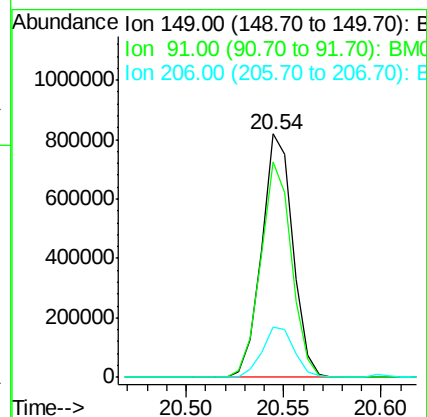
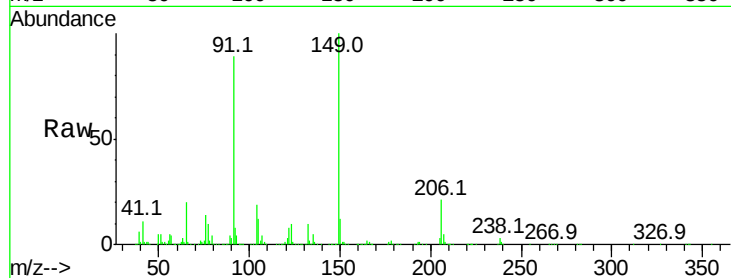
#79
Butylbenzylphthalate
Concen: 51.79 ng
RT: 20.54 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	88.7	50.1	75.1#
206	20.6	16.2	24.2

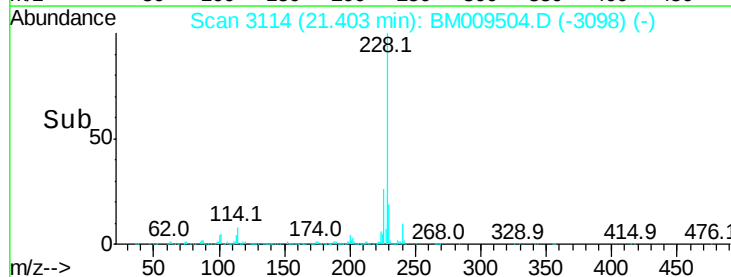
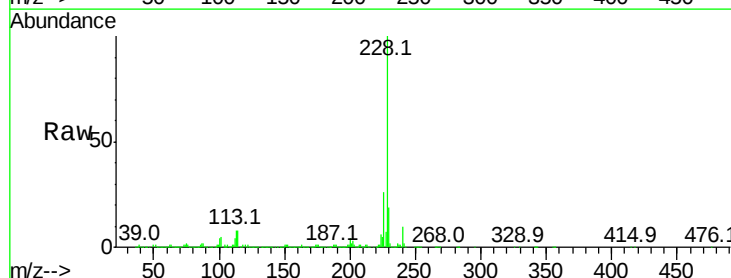
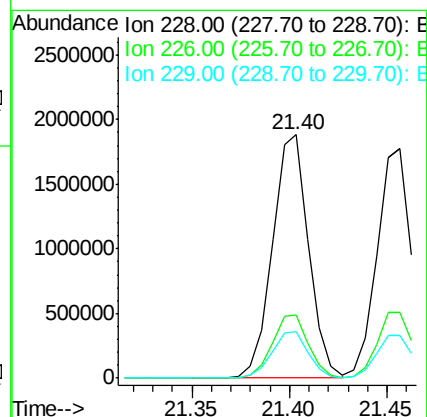
Manual Integrations
APPROVED

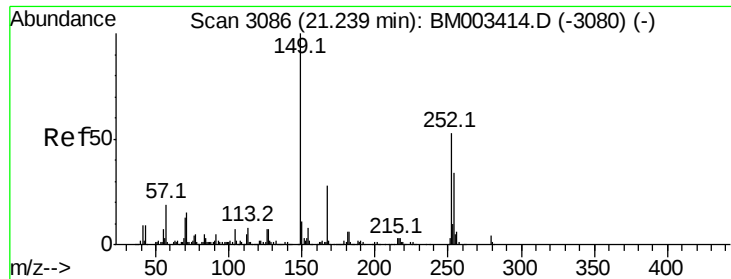
mohammad
4/4/2017 5:33:18 PM



#80
Benzo(a)anthracene
Concen: 48.31 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.7	21.7	32.5
229	19.1	16.0	24.0





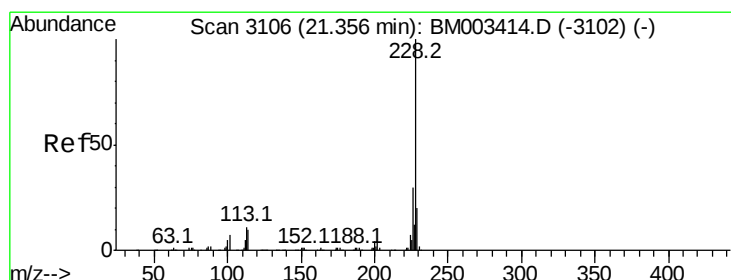
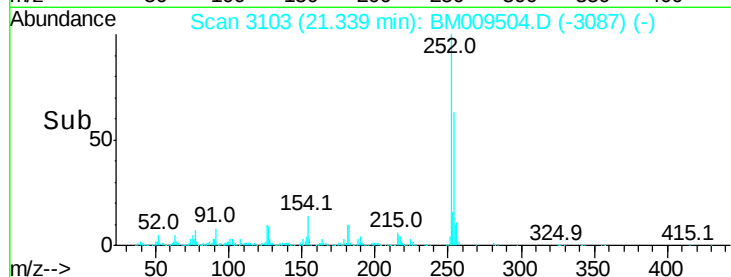
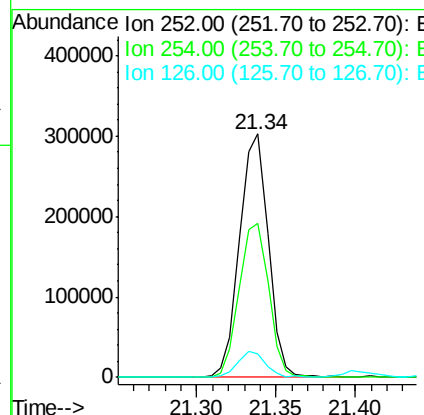
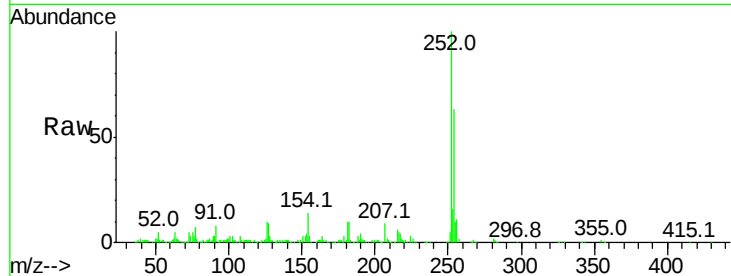
#81
 3,3'-Dichlorobenzidine
 Concen: 20.48 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	382256		
254	63.1	51.9	77.9	
126	9.7	9.8	14.8	

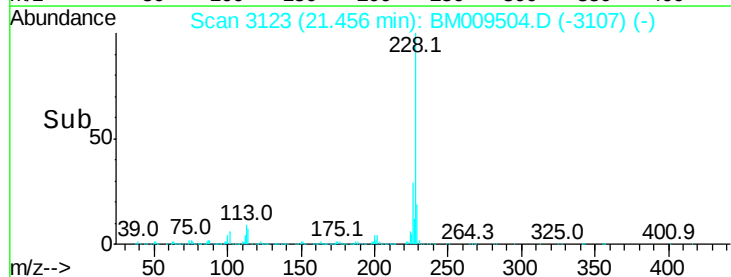
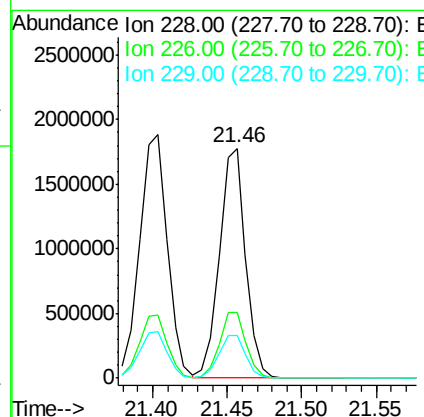
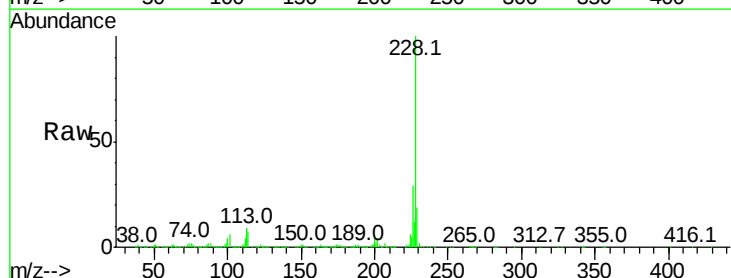
Manual Integrations
 APPROVED

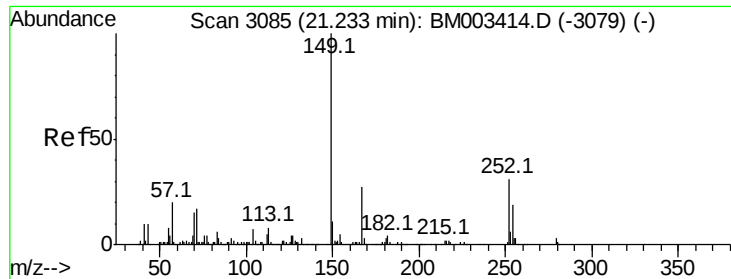
mohammad
 4/4/2017 5:33:18 PM



#82
 Chrysene
 Concen: 45.89 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2184332		
226	28.8	24.1	36.1	
229	18.8	15.5	23.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.85 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13MS

Tot Ion:149 Resp: 1322822

Ion Ratio Lower Upper

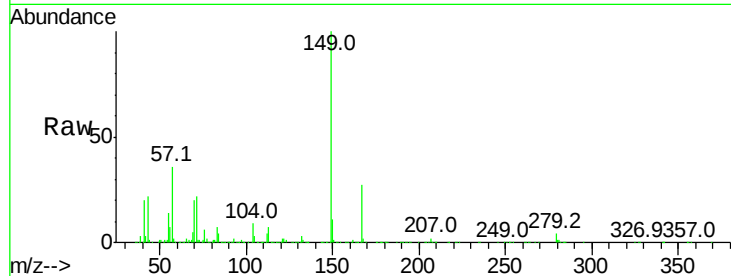
149 100

167 27.1 22.4 33.6

279 4.1 3.4 5.0

Manual Integrations
APPROVED

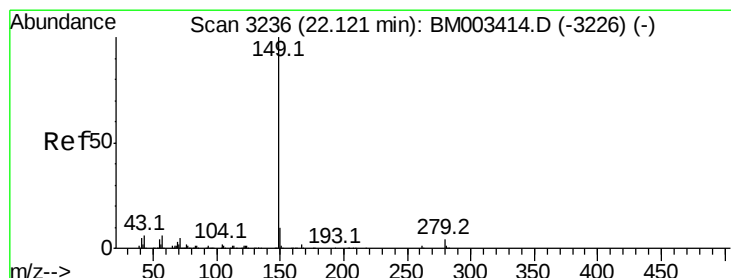
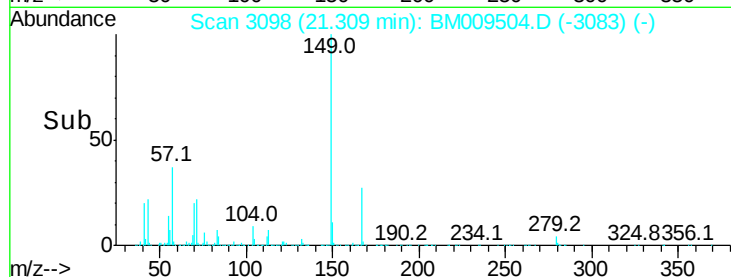
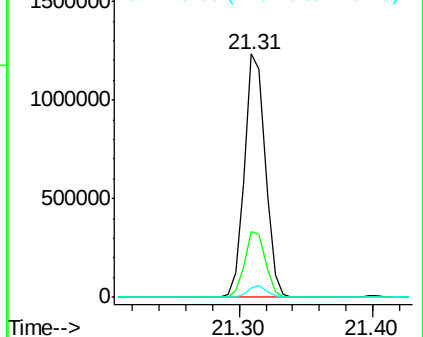
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 55.23 ng

RT: 22.21 min Scan# 3251

Delta R.T. -0.02 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

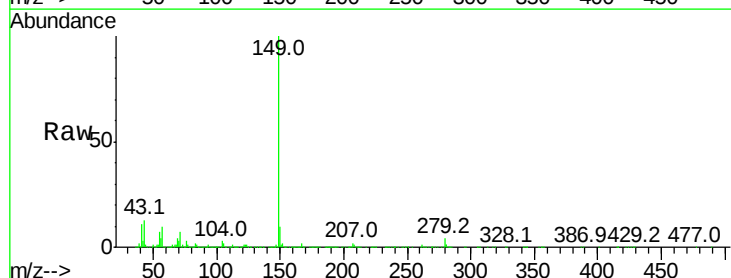
Tgt Ion:149 Resp: 2390892

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

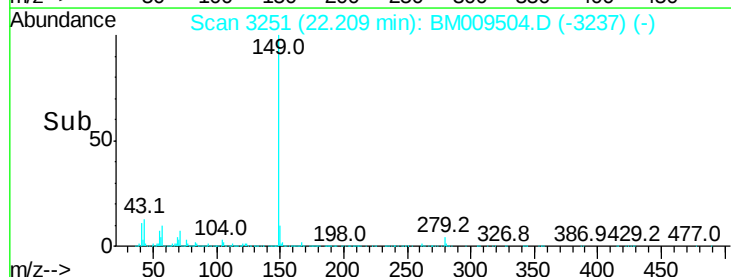
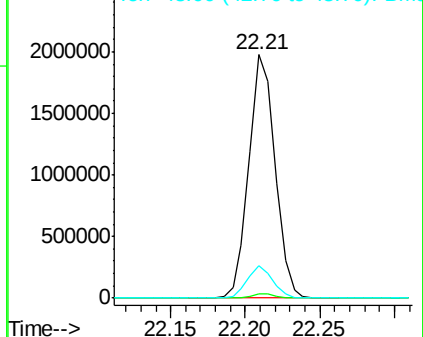
43 12.9 7.3 10.9#

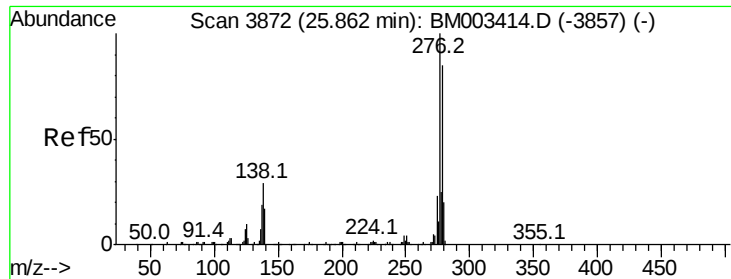


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





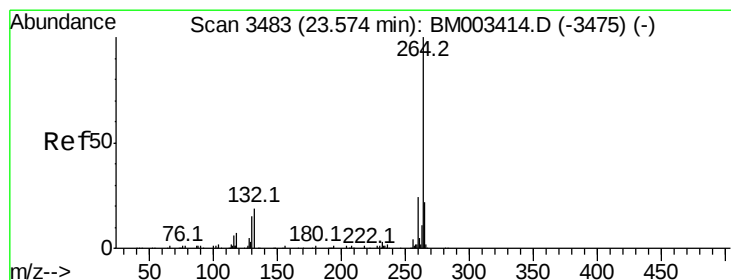
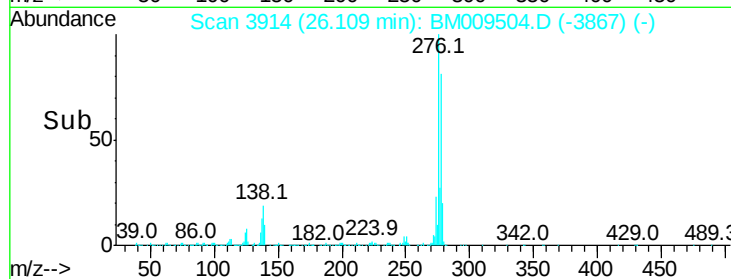
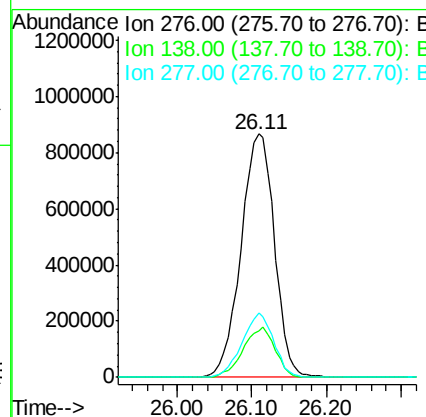
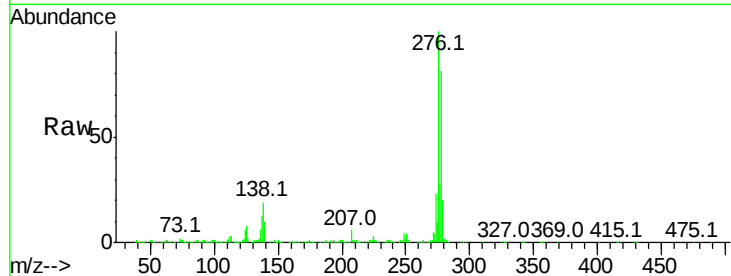
#85
Indeno(1,2,3-cd)pyrene
Concen: 51.92 ng
RT: 26.11 min Scan# 3914
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	0.0	0.0#
277	25.1	0.0	0.0#

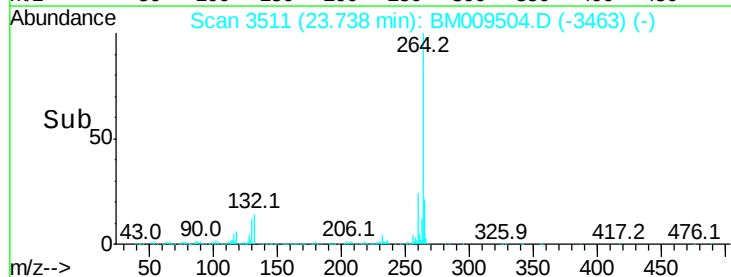
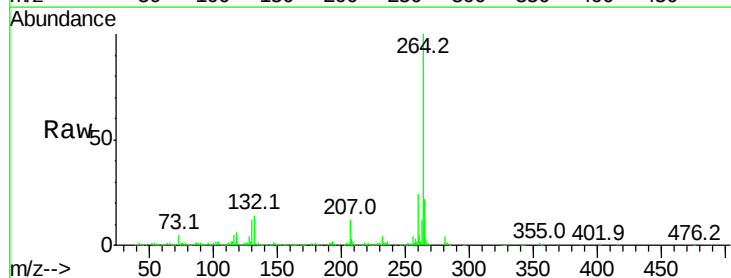
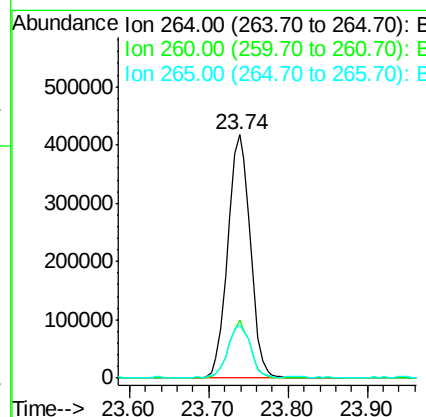
Manual Integrations
APPROVED

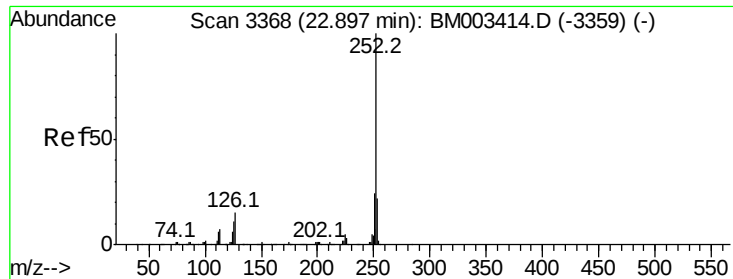
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 46.57 ng

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Instrument :

BNA_M

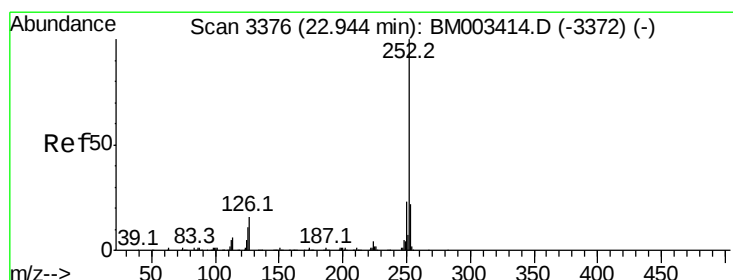
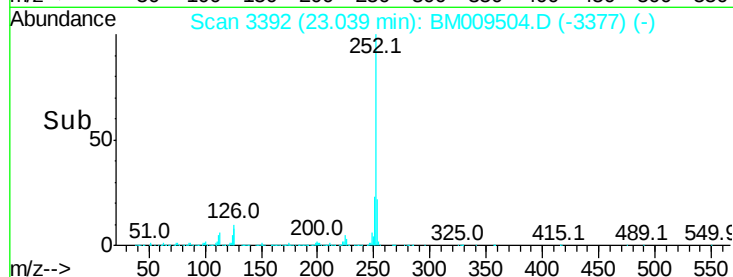
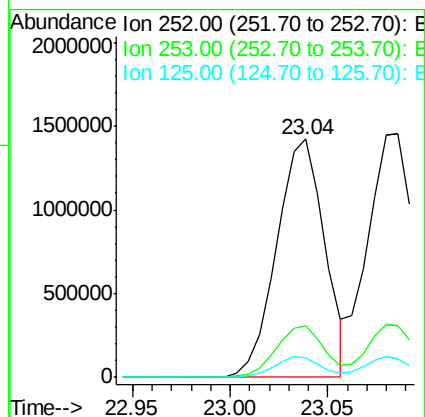
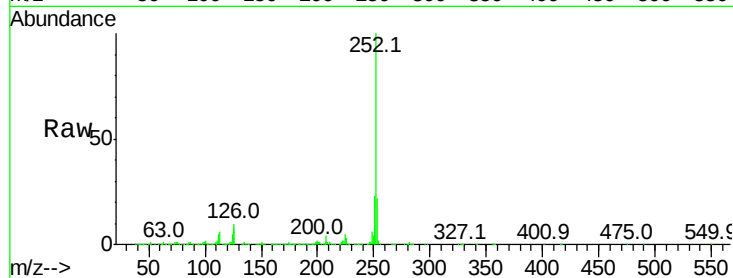
ClientSampleId :

WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	8.0	9.9	14.9#

Manual Integrations
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4/4/2017 5:33:18 PM



#88

Benzo(k)fluoranthene

Concen: 48.35 ng

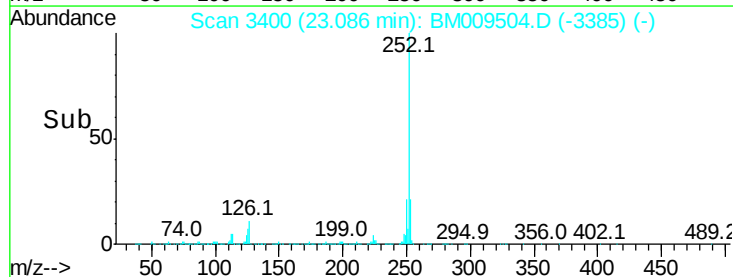
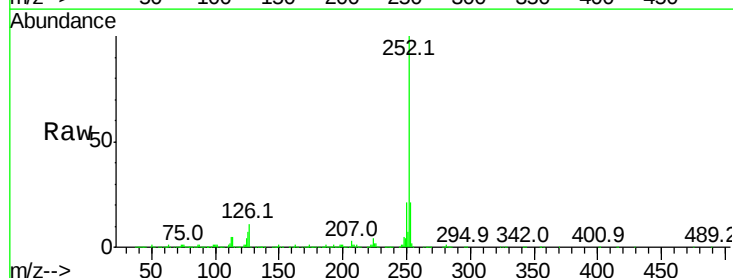
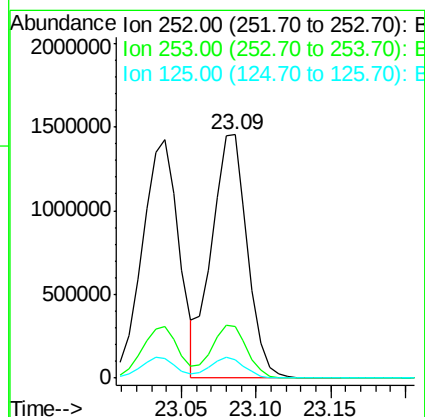
RT: 23.09 min Scan# 3400

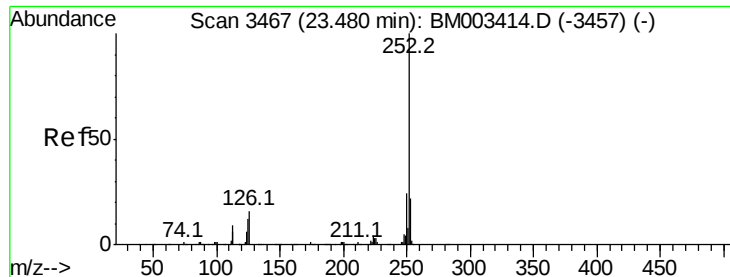
Delta R.T. -0.01 min

Lab File: BM009504.D

Acq: 03 Apr 2017 17:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	7.4	8.1	12.1#





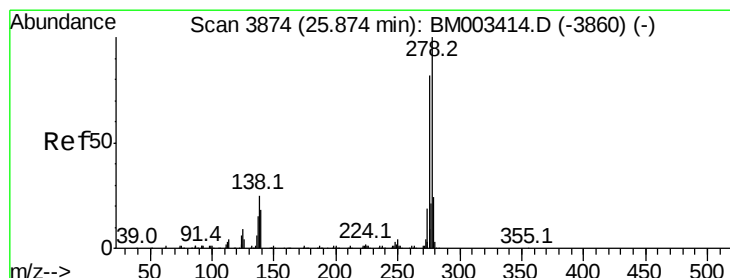
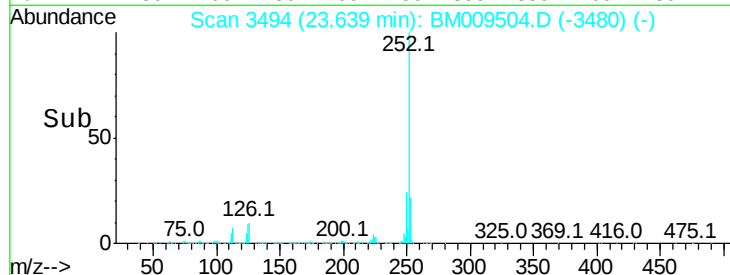
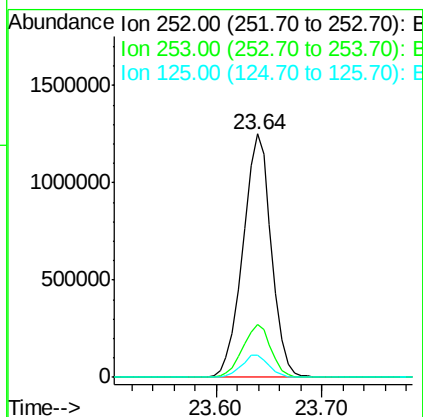
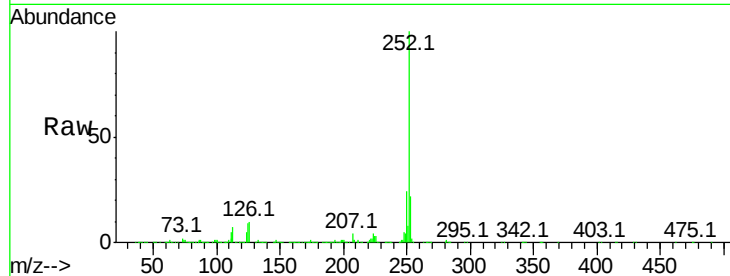
#89
Benzo(a)pyrene
Concen: 48.51 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13MS

Tot Ion:252 Resp: 2333796
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 9.3 7.4 11.2

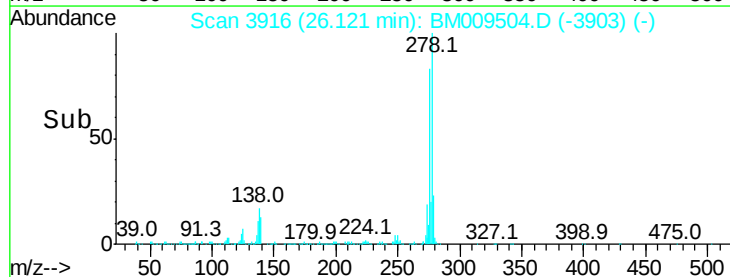
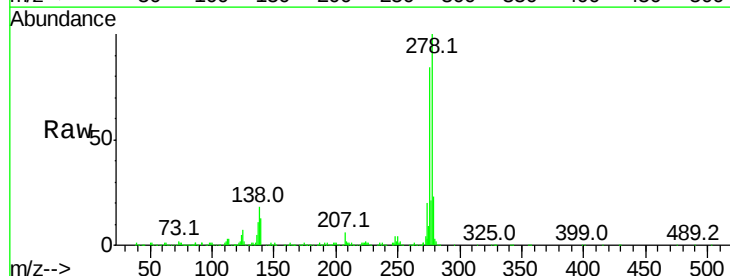
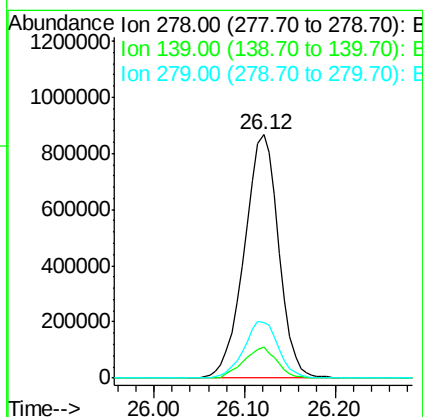
Manual Integrations
APPROVED

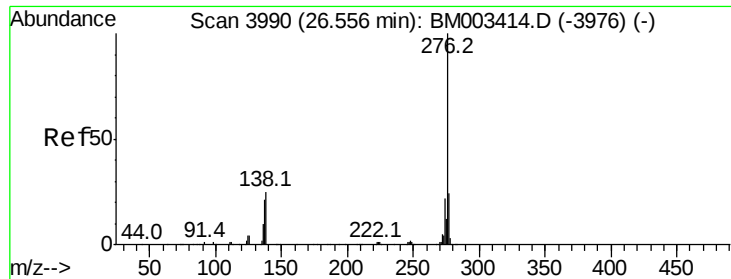
mohammad
4/4/2017 5:33:18 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.17 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM009504.D
Acq: 03 Apr 2017 17:29

Tgt Ion:278 Resp: 2270500
Ion Ratio Lower Upper
278 100
139 12.6 13.4 20.0#
279 22.6 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.28 ng
 RT: 26.84 min Scan# 4038
 Delta R.T. -0.02 min
 Lab File: BM009504.D
 Acq: 03 Apr 2017 17:29

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.5	27.7
138	16.7	19.0	28.6

Manual Integrations
 APPROVED

mohammad
 4/4/2017 5:33:18 PM

