

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009518.D
 Acq On : 04 Apr 2017 01:53
 Operator : SJ/MA
 Sample : I2507-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Manual Integrations
 APPROVED

mohammad
 4/4/2017 5:33:27 PM

Quant Time: Apr 04 03:56:00 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	126562	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	480627	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	291598	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	707786	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	927915	20.00	ng	-0.01
86) Perylene-d12	23.74	264	857366	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1214503	159.95	ng	-0.01
7) Phenol-d6	7.01	99	1724546	166.55	ng	-0.01
23) Nitrobenzene-d5	9.01	82	1249393	97.47	ng	-0.02
41) 2,4,6-Tribromophenol	15.99	330	636925	175.82	ng	-0.01
44) 2-Fluorobiphenyl	13.10	172	2247949	92.89	ng	-0.02
78) Terphenyl-d14	19.86	244	3611365	81.33	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	132447	34.69	ng	# 100
3) Pyridine	3.76	79	65577	6.08	ng	# 78
4) n-Nitrosodimethylamine	3.67	42	273582	47.63	ng	# 72
6) Aniline	7.18	93	321998	22.88	ng	# 90
8) 2-Chlorophenol	7.41	128	424243	55.11	ng	# 80
9) Benzaldehyde	6.99	77	351942	43.18	ng	# 83
10) Phenol	7.03	94	642531	57.27	ng	# 91
11) bis(2-Chloroethyl)ether	7.27	93	460134	50.04	ng	# 84
12) 1,3-Dichlorobenzene	7.73	146	445120	48.29	ng	# 88
13) 1,4-Dichlorobenzene	7.88	146	448575	47.10	ng	# 94
14) 1,2-Dichlorobenzene	8.20	146	444386	48.05	ng	# 93
15) Benzyl Alcohol	8.09	79	506689	55.97	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	752032	47.05	ng	# 95
17) 2-Methylphenol	8.28	107	402121	54.78	ng	# 86
18) Hexachloroethane	8.92	117	184546	47.37	ng	# 90
19) n-Nitroso-di-n-propylamine	8.65	70	442433	53.00	ng	# 91
20) 3+4-Methylphenols	8.61	107	532538	53.36	ng	# 88
22) Acetophenone	8.67	105	716469	52.86	ng	# 90
24) Nitrobenzene	9.05	77	644903	51.35	ng	# 92
25) Isophorone	9.57	82	1098422	56.17	ng	# 88
26) 2-Nitrophenol	9.76	139	221112	58.38	ng	# 45
27) 2,4-Dimethylphenol	9.81	122	395263	57.05	ng	# 83
28) bis(2-Chloroethoxy)methane	10.05	93	634705	52.42	ng	# 99
29) 2,4-Dichlorophenol	10.29	162	420670	58.07	ng	# 96
30) 1,2,4-Trichlorobenzene	10.50	180	458290	50.99	ng	# 99
31) Naphthalene	10.69	128	1285670	50.40	ng	# 100
32) Benzoic acid	9.92	122	86529	19.95	ng	# 63
33) 4-Chloroaniline	10.81	127	313285	31.84	ng	# 85
34) Hexachlorobutadiene	10.96	225	288770	46.92	ng	# 95
35) Caprolactam	11.60	113	116530m	52.69	ng	# 90
36) 4-Chloro-3-methylphenol	11.93	107	490122	59.80	ng	# 80
37) 2-Methylnaphthalene	12.30	142	961708	54.61	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	534704	48.57	ng	# 100
40) Hexachlorocyclopentadiene	12.64	237	645285	102.12	ng	# 98

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 B-10-S2(2.5-3.0)MSD

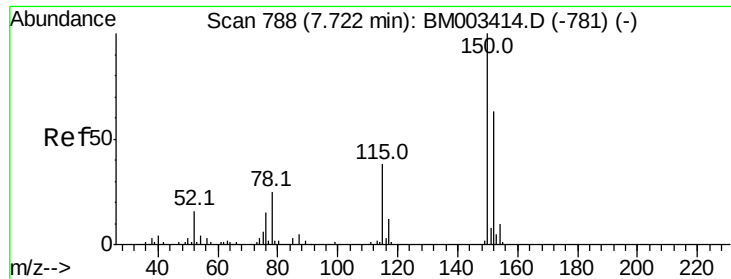
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	366254	58.18	nq	98
43) 2,4,5-Trichlorophenol	12.99	196	390881	55.65	nq	# 89
45) 1,1'-Biphenyl	13.32	154	1230666	50.71	nq	97
46) 2-Chloronaphthalene	13.36	162	986161	52.32	nq	97
47) 2-Nitroaniline	13.57	65	400679	57.69	nq	# 72
48) Acenaphthylene	14.21	152	1588650	51.74	nq	99
49) Dimethylphthalate	13.95	163	1445912	64.58	nq	# 99
50) 2,6-Dinitrotoluene	14.07	165	272960	56.58	nq	# 69
51) Acenaphthene	14.56	154	961102	51.88	nq	99
52) 3-Nitroaniline	14.40	138	228548	48.08	nq	# 58
53) 2,4-Dinitrophenol	14.61	184	279009	85.35	nq	93
54) Dibenzofuran	14.89	168	1537447	56.12	nq	93
55) 4-Nitrophenol	14.71	139	469779	119.57	nq	# 19
56) 2,4-Dinitrotoluene	14.86	165	392790	60.18	nq	# 96
57) Fluorene	15.54	166	1282824	52.10	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.11	232	368207	61.98	nq	# 100
59) Diethylphthalate	15.31	149	1284393	56.55	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	659132	51.26	nq	95
61) 4-Nitroaniline	15.57	138	302667	58.62	nq	# 35
62) Azobenzene	15.82	77	1603667	60.48	nq	85
64) 4,6-Dinitro-2-methylphenol	15.62	198	228488	51.24	nq	89
65) n-Nitrosodiphenylamine	15.75	169	1056014	49.12	nq	98
66) 4-Bromophenyl-phenylether	16.43	248	407528	49.69	nq	# 90
67) Hexachlorobenzene	16.54	284	439274	48.87	nq	# 90
68) Atrazine	16.70	200	406388	50.26	nq	97
69) Pentachlorophenol	16.89	266	570235	103.85	nq	98
70) Phenanthrene	17.28	178	2021351	49.94	nq	99
71) Anthracene	17.37	178	2109762	51.49	nq	100
72) Carbazole	17.64	167	1955721	49.84	nq	98
73) Di-n-butylphthalate	18.19	149	2220249	55.39	nq	# 98
74) Fluoranthene	19.30	202	2499060	52.13	nq	98
77) Pyrene	19.66	202	2583472	49.09	nq	99
79) Butylbenzylphthalate	20.54	149	1069653	56.44	nq	# 77
80) Benzo(a)anthracene	21.40	228	2721271	50.21	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	768985	37.89	nq	# 98
82) Chrysene	21.46	228	2473327	47.80	nq	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1579652	55.86	nq	98
84) Di-n-octyl phthalate	22.22	149	2753026	58.50	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2909049	51.55	nq	# 100
87) Benzo(b)fluoranthene	23.03	252	2678269	49.28	nq	# 95
88) Benzo(k)fluoranthene	23.09	252	2644538m	50.60	nq	
89) Benzo(a)pyrene	23.64	252	2554433	50.76	nq	97
90) Dibenzo(a,h)anthracene	26.12	278	2478272	50.27	nq	# 96
91) Benzo(g,h,i)perylene	26.84	276	2339907	48.69	nq	# 92

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



#1

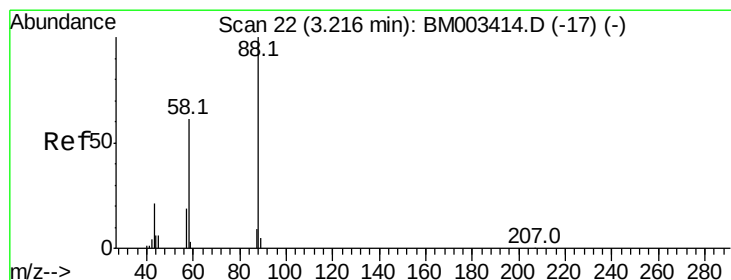
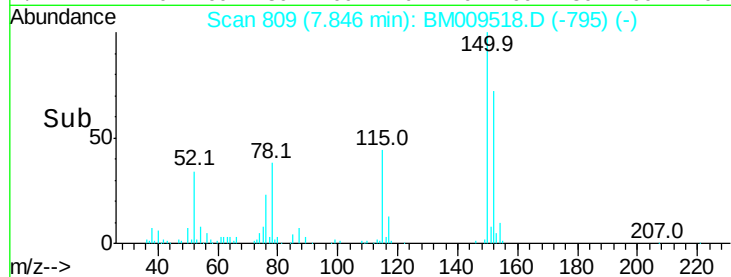
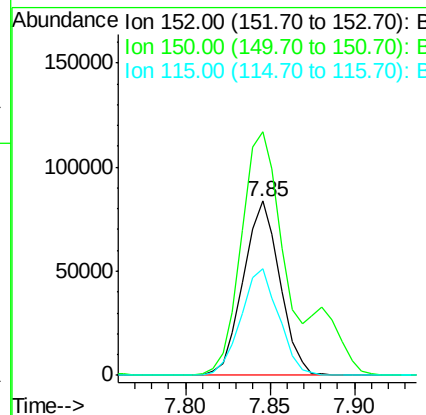
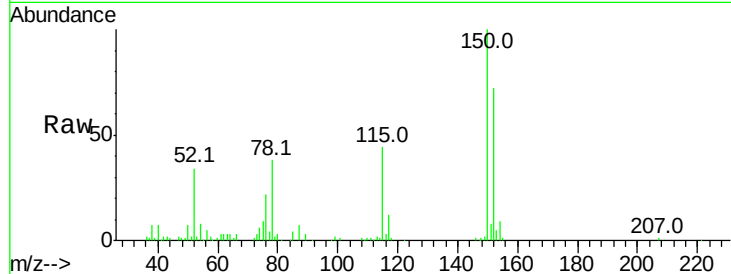
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.8	119.5	179.3
115	61.0	43.0	64.4

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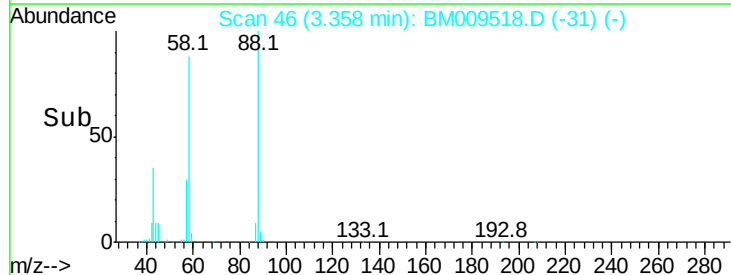
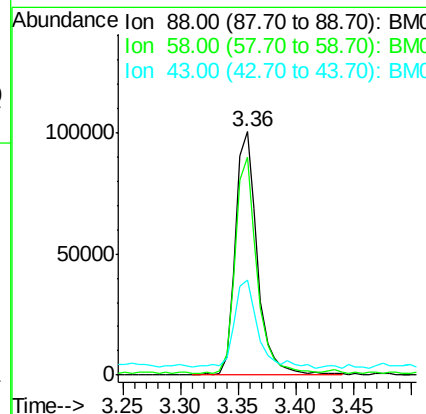
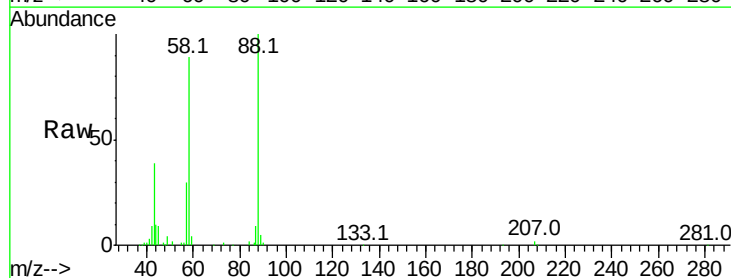
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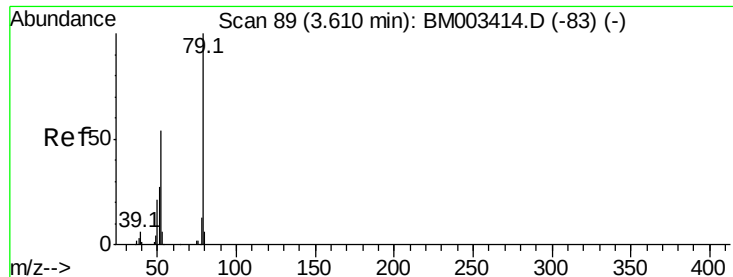


#2

1,4-Dioxane
Concen: 34.69 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.3	0.0	0.0#
43	40.1	0.0	0.0#





#3

Pvridine

Concen: 6.08 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

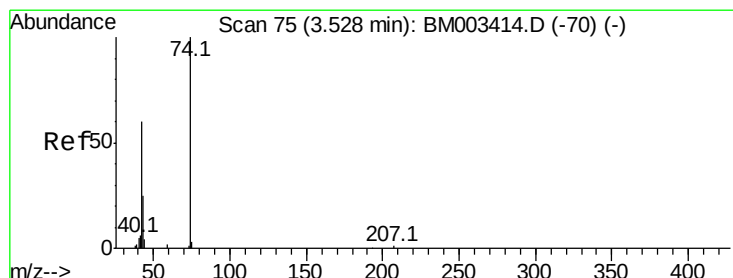
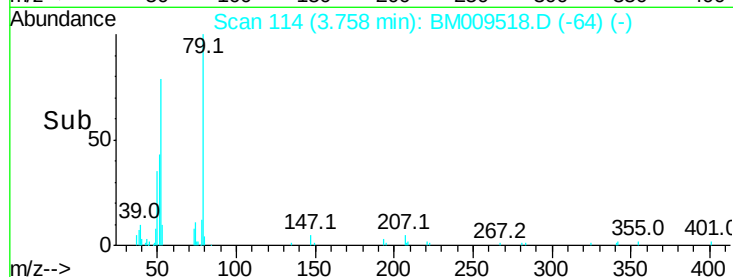
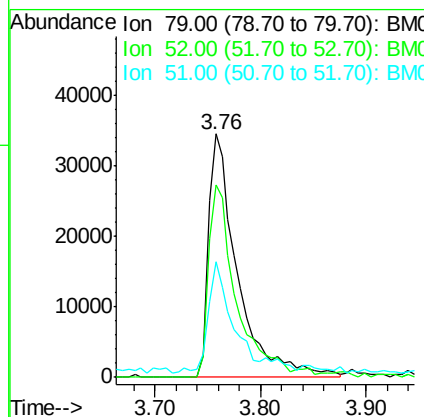
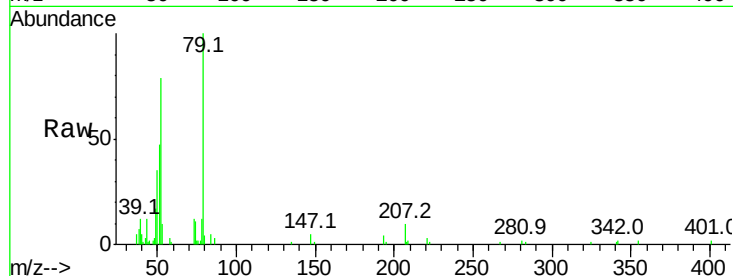
ClientSampleId :

B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.2	51.1	76.7#
51	47.2	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 47.63 ng

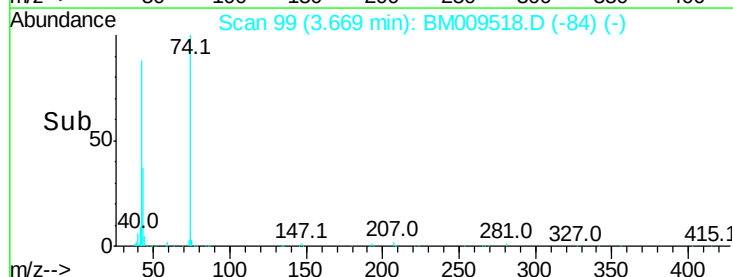
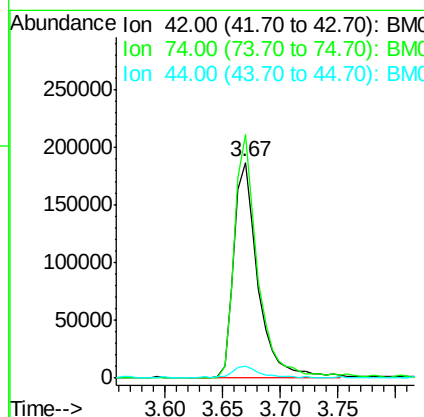
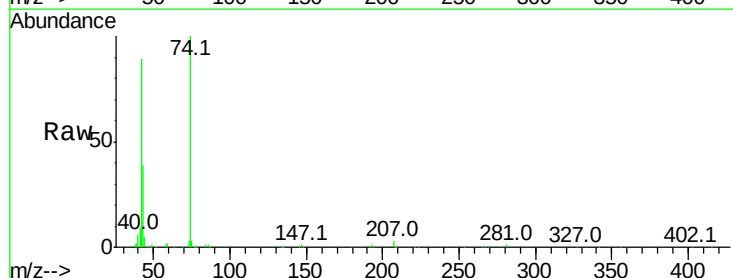
RT: 3.67 min Scan# 99

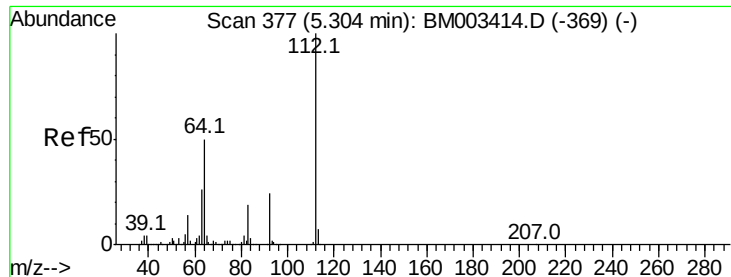
Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.8	119.3	178.9#
44	5.7	5.4	8.2





#5

2-Fluorophenol

Concen: 159.95 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

Tot Ion:112 Resp: 1214503

Ion Ratio Lower Upper

112 100

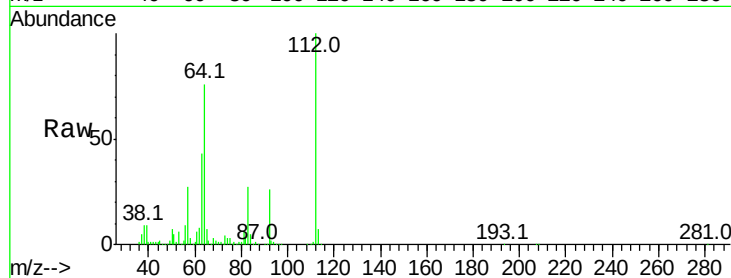
64 76.4 38.6 57.8#

63 43.3 19.3 28.9#

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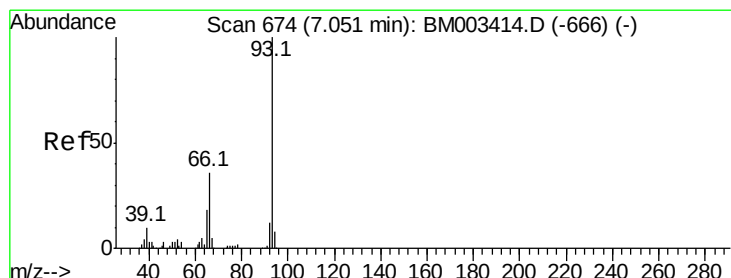
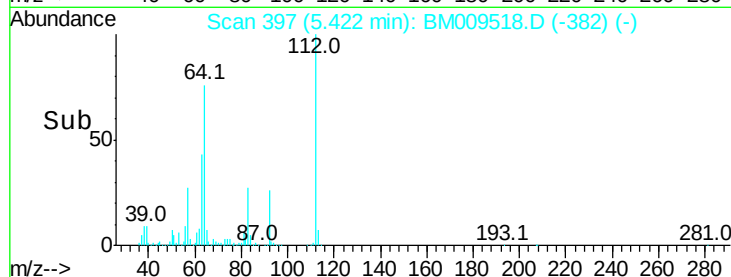
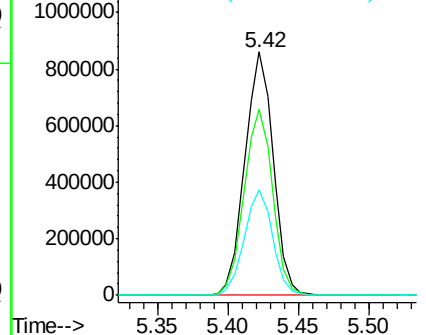
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 22.88 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

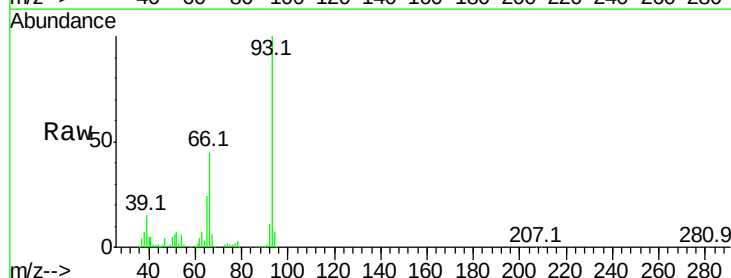
Tgt Ion: 93 Resp: 321998

Ion Ratio Lower Upper

93 100

66 44.8 30.8 46.2

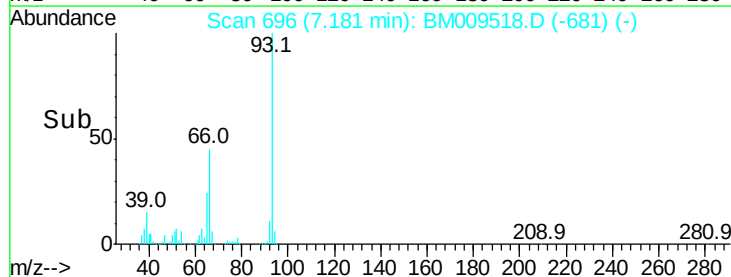
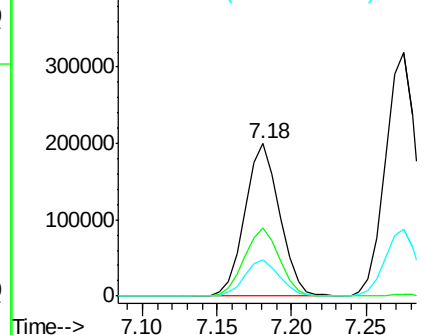
65 23.8 16.0 24.0

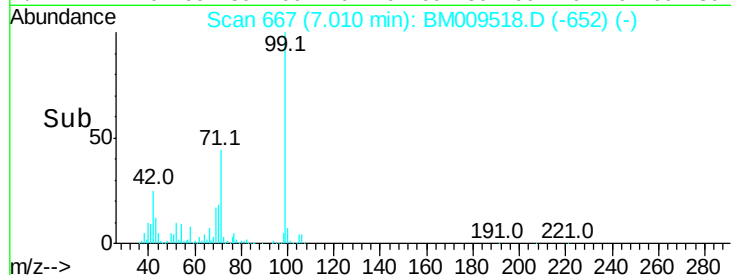
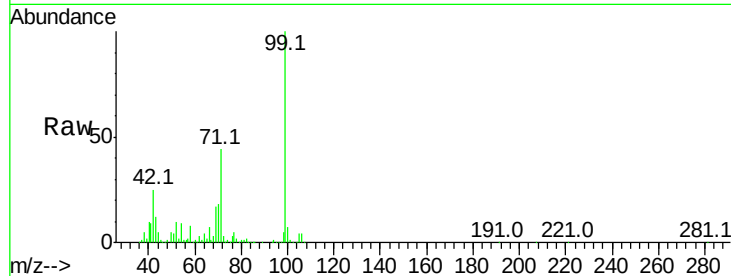
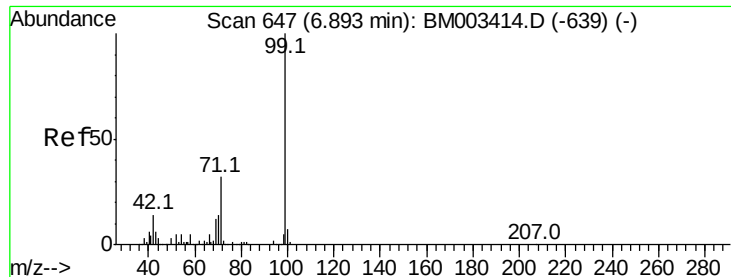


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 166.55 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tot Ion: 99 Resp: 1724546

Ion Ratio Lower Upper

99 100

42 24.9 11.0 16.4#

71 44.1 23.4 35.2#

Instrument :

BNA_M

ClientSampleId :

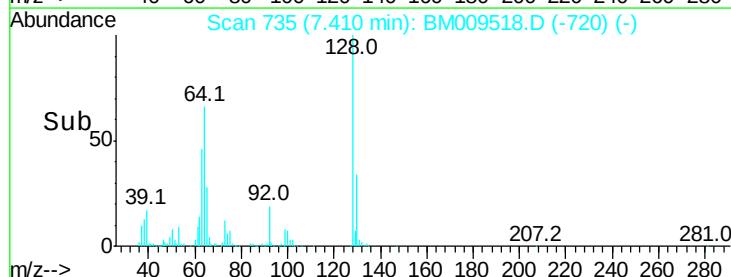
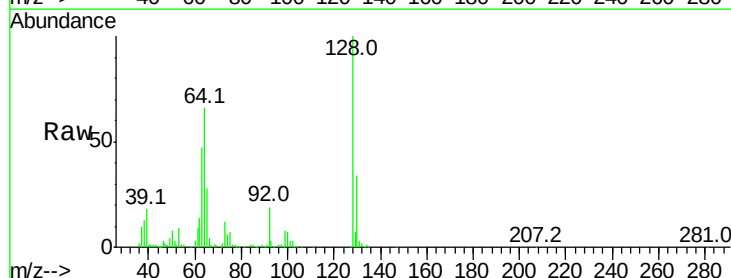
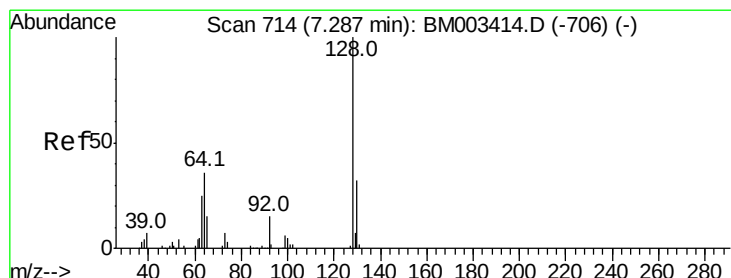
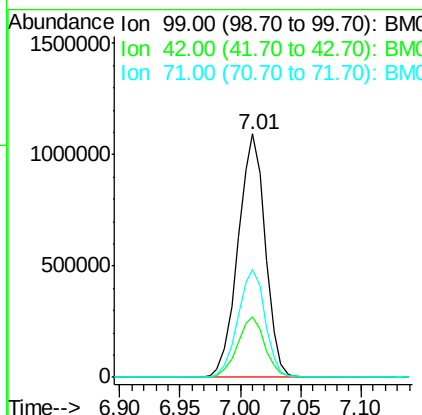
B-10-S2(2.5-3.0)MSD

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#8

2-Chlorophenol

Concen: 55.11 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

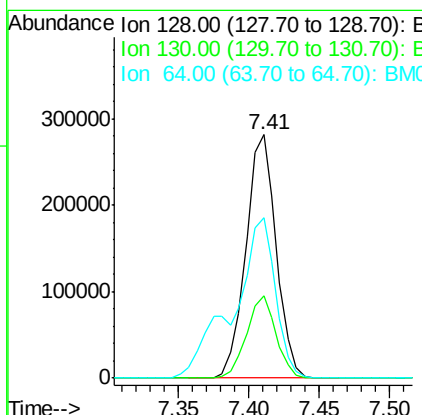
Tgt Ion: 128 Resp: 424243

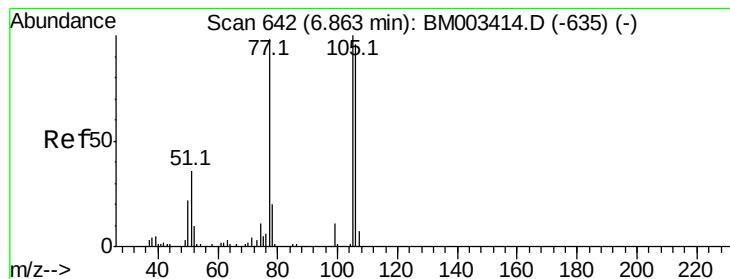
Ion Ratio Lower Upper

128 100

130 34.0 12.0 52.0

64 65.7 24.9 64.9#





#9

Benzaldehyde

Concen: 43.18 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.02 min

Lab File: BM009518.D

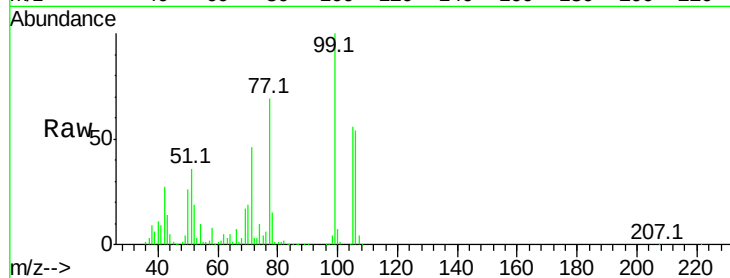
Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

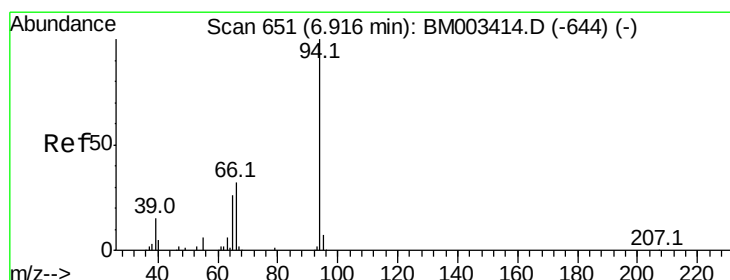
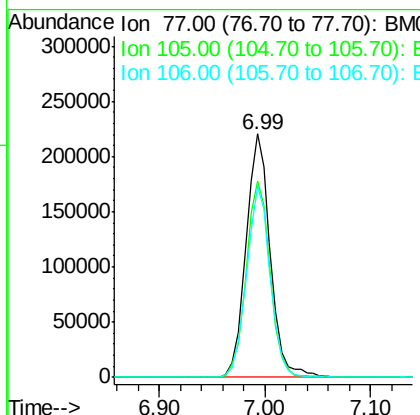
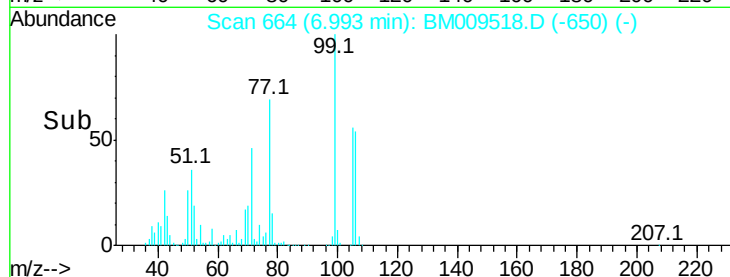
B-10-S2(2.5-3.0)MSD



Tot Ion:	77	Resp:	351942
Ion	Ratio	Lower	Upper
77	100		
105	80.4	78.8	118.8
106	78.3	73.7	113.7

Manual Integrations
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#10

Phenol

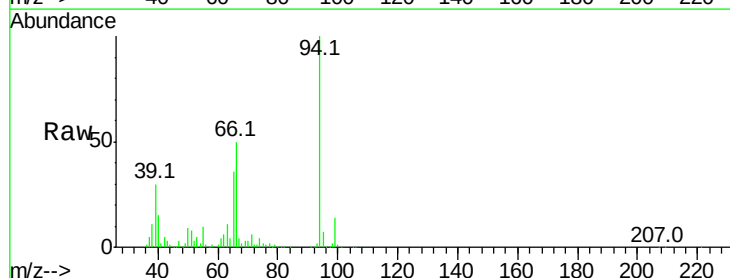
Concen: 57.27 ng

RT: 7.03 min Scan# 671

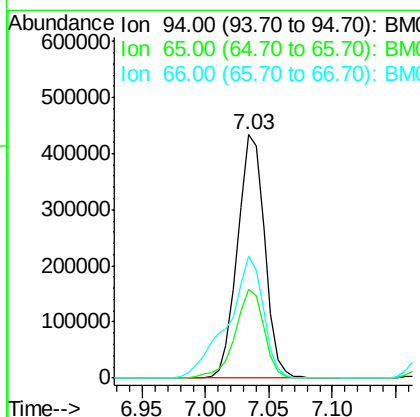
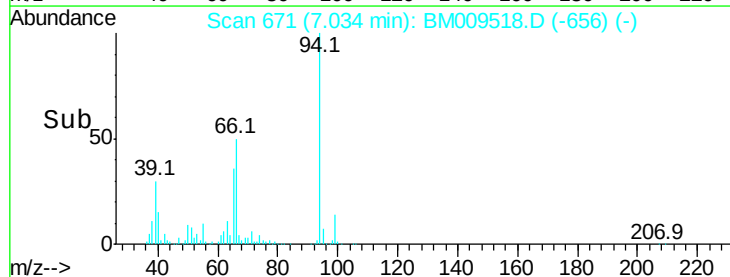
Delta R.T. -0.01 min

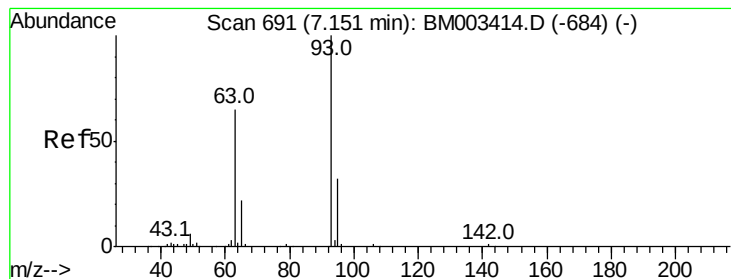
Lab File: BM009518.D

Acq: 04 Apr 2017 01:53



Tgt Ion:	94	Resp:	642531
Ion	Ratio	Lower	Upper
94	100		
65	36.5	18.8	58.8
66	50.0	39.9	79.9





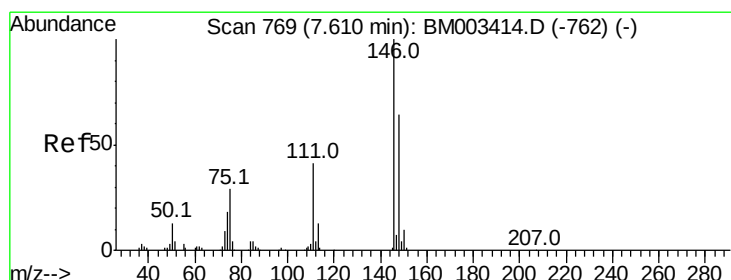
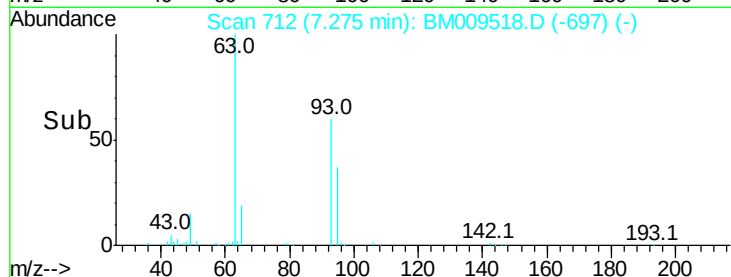
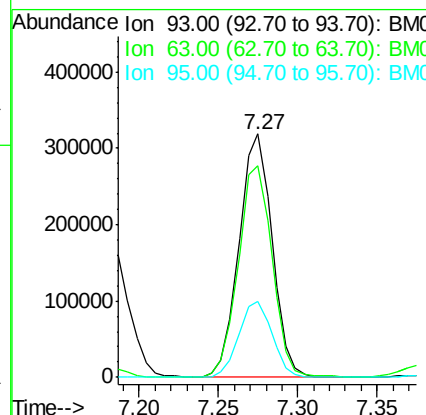
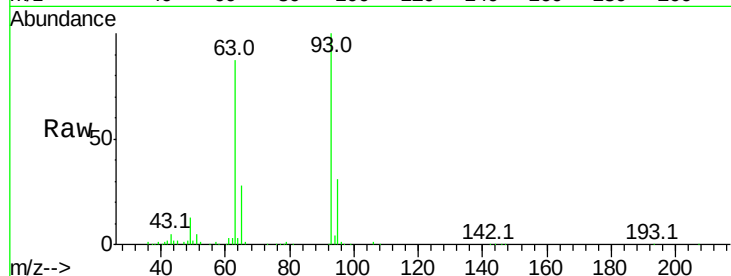
#11
bis(2-Chloroethyl)ether
Concen: 50.04 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	460134		
63	87.1	49.5	89.5	
95	31.1	13.5	53.5	

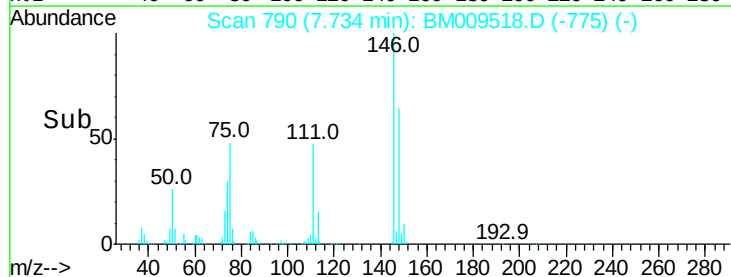
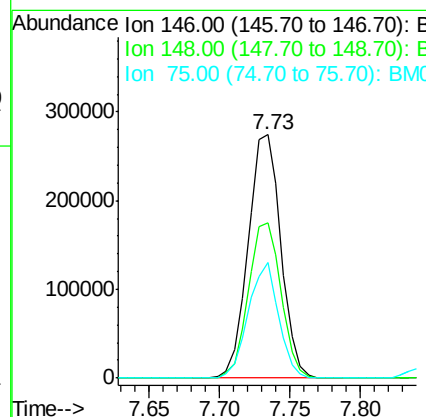
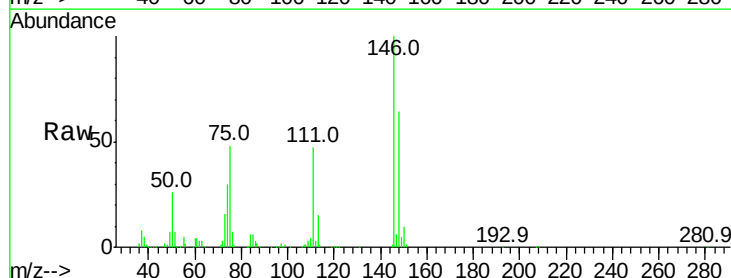
Manual Integrations
APPROVED

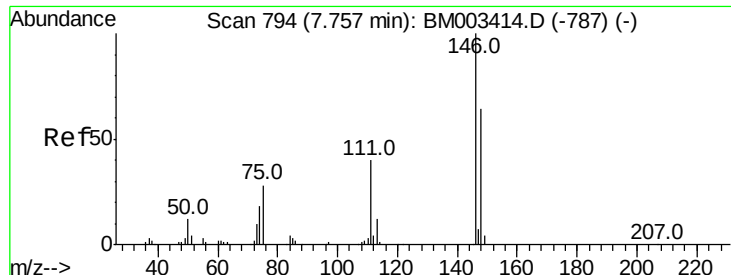
mohammad
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#12
1,3-Dichlorobenzene
Concen: 48.29 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	445120		
148	63.6	50.9	76.3	
75	47.5	21.4	32.2	





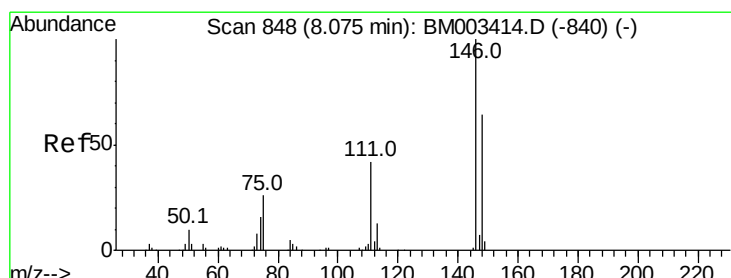
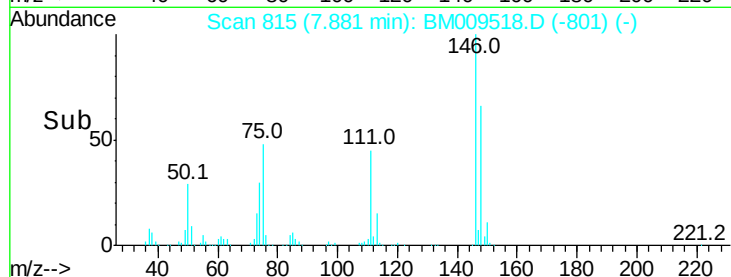
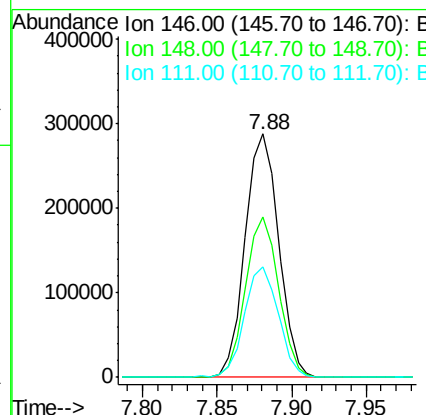
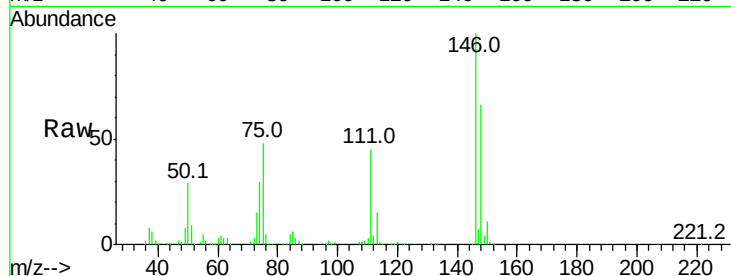
#13
 1,4-Dichlorobenzene
 Concen: 47.10 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.9	77.9
111	45.5	29.2	43.8

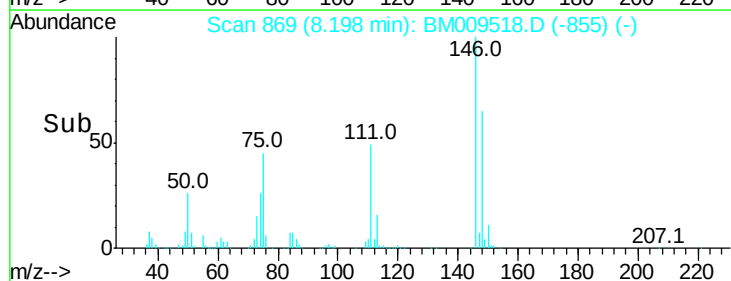
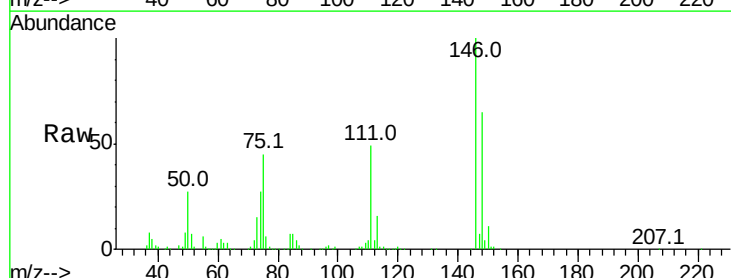
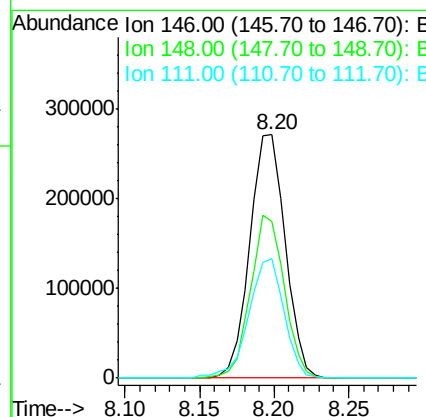
Manual Integrations
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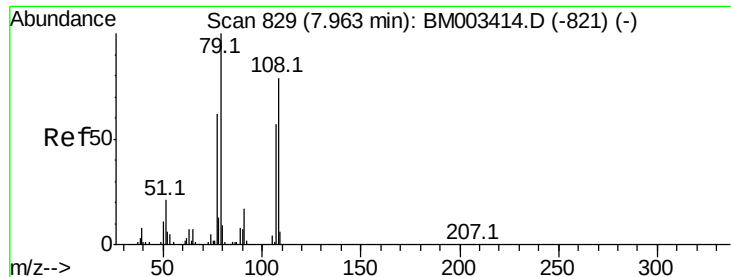
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 48.05 ng
 RT: 8.20 min Scan# 869
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.3	78.5
111	49.0	30.6	45.8





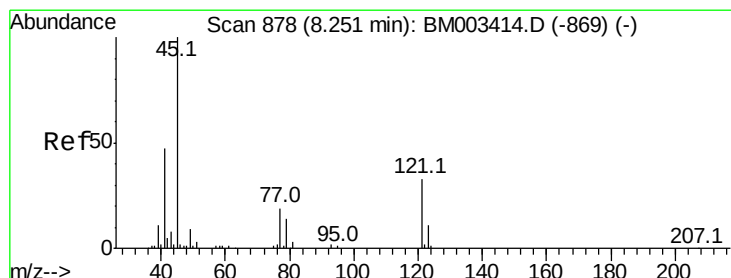
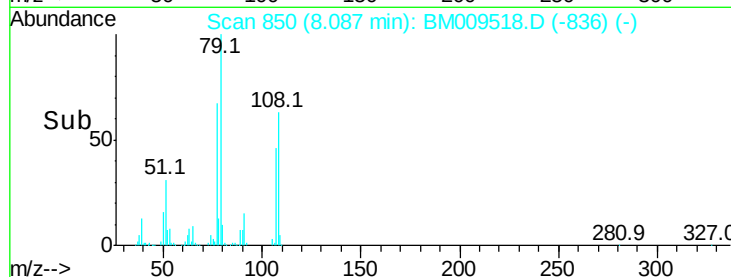
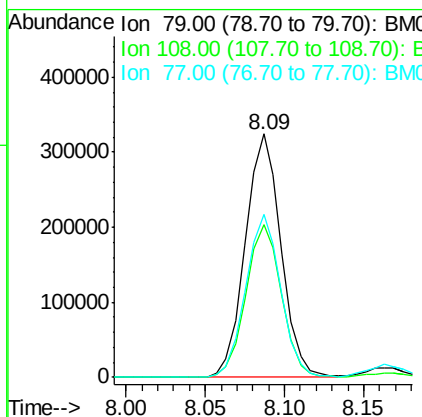
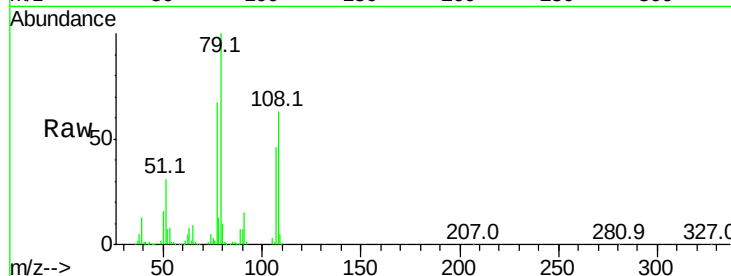
#15
Benzyl Alcohol
Concen: 55.97 ng
RT: 8.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.0	65.0	97.4#
77	66.9	53.0	79.6

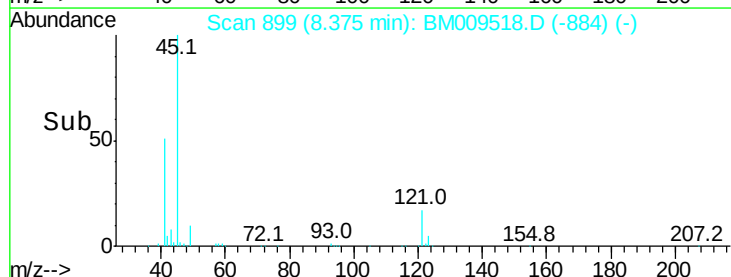
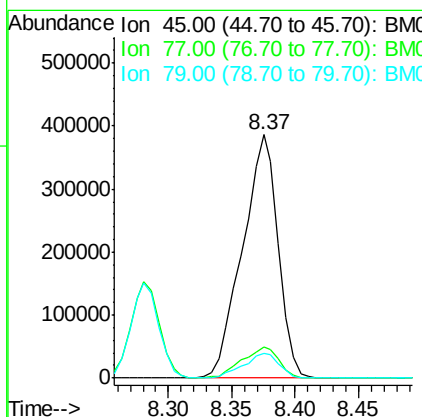
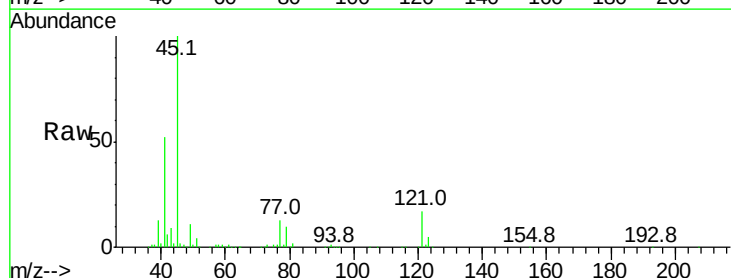
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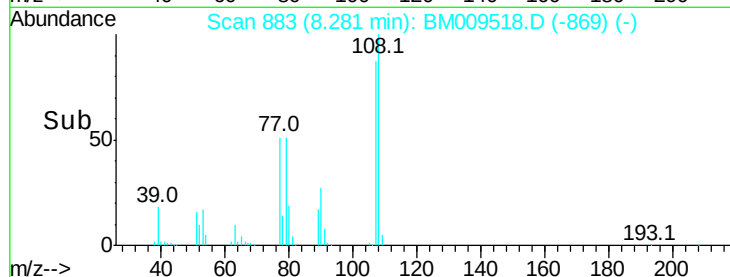
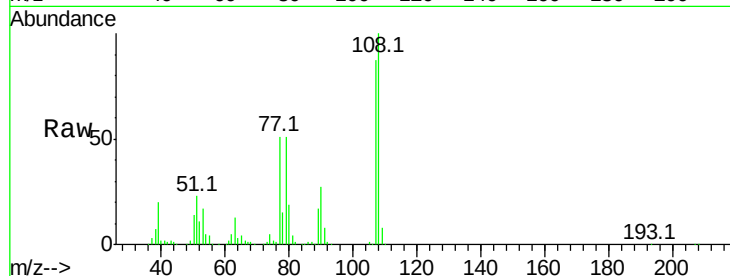
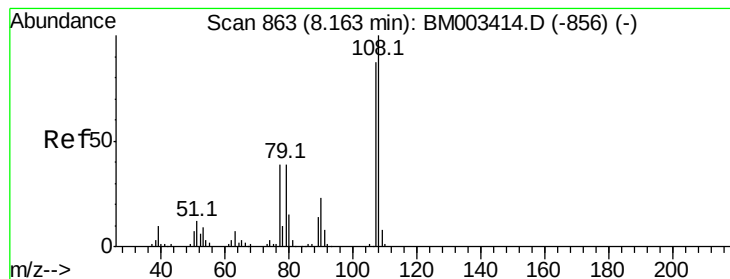
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.05 ng
RT: 8.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	0.0	35.2
79	10.3	0.0	32.0





#17

2-Methylphenol

Concen: 54.78 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.2	89.8	134.8	
77	59.1	32.6	48.8	
79	58.8	32.8	49.2	

Instrument :

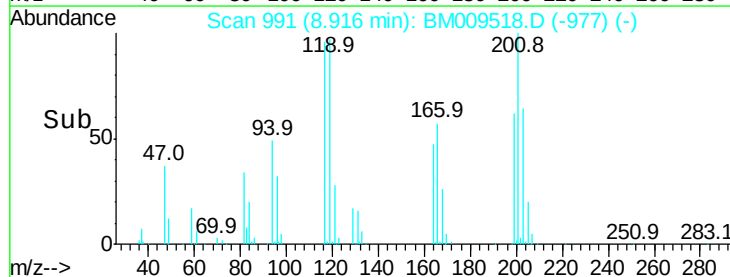
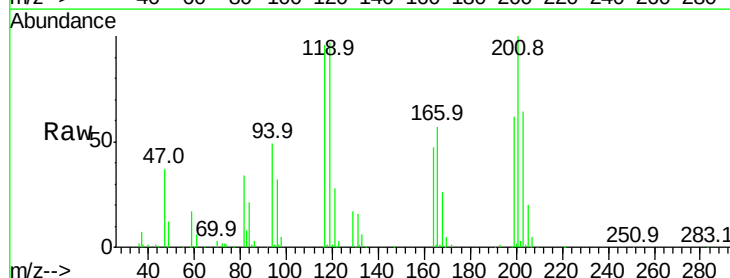
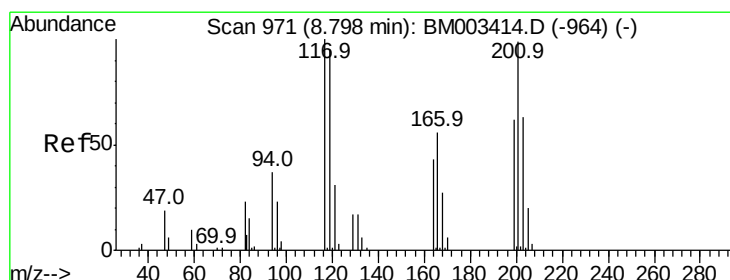
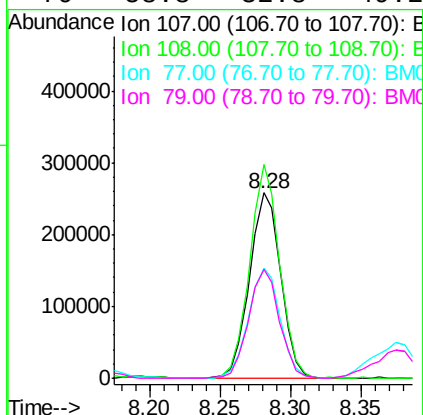
BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

Manual Integrations
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#18

Hexachloroethane

Concen: 47.37 ng

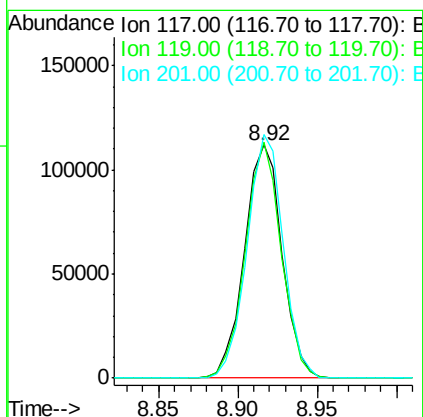
RT: 8.92 min Scan# 991

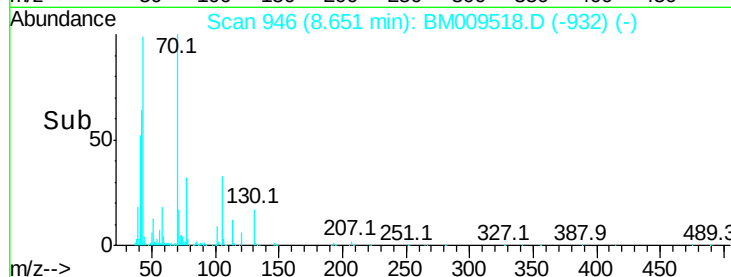
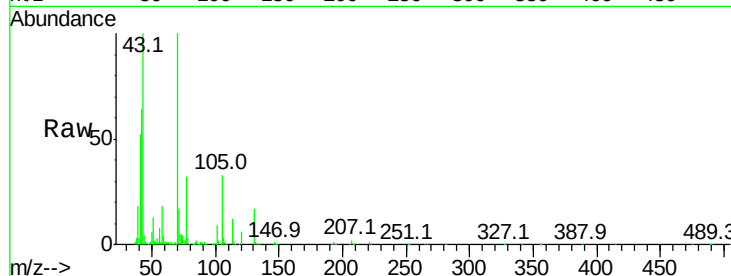
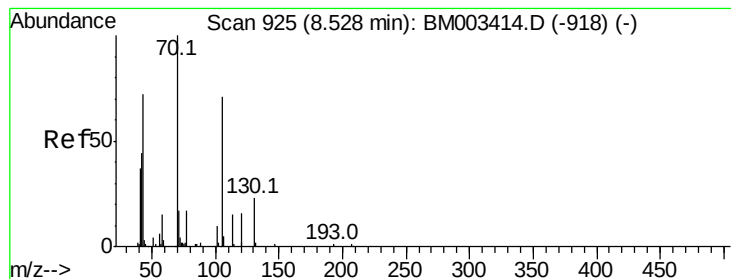
Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.4	79.2	118.8	
201	104.4	69.8	104.6	





#19

n-Nitroso-di-n-propylamine

Concen: 53.00 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.0	44.5	66.7	
101	8.8	7.4	11.2	
130	16.9	15.3	22.9	

Instrument :

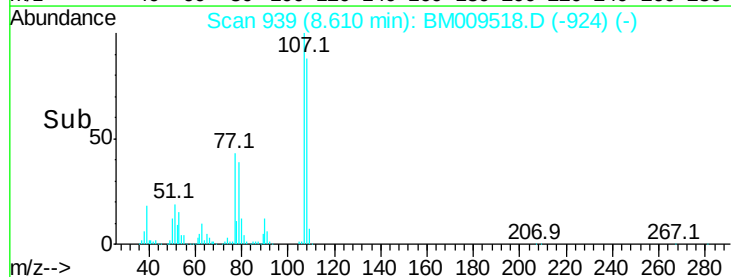
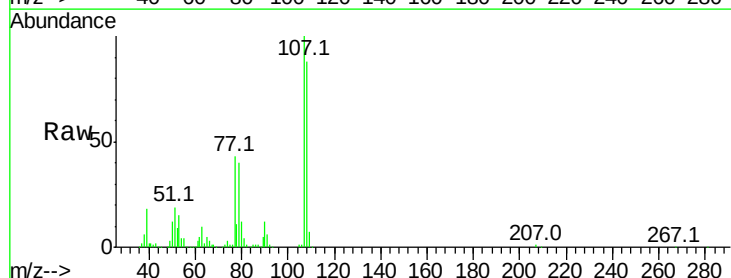
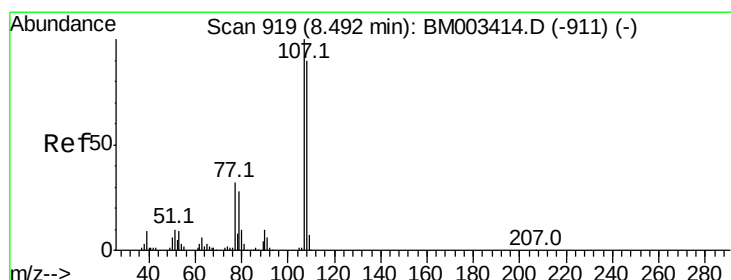
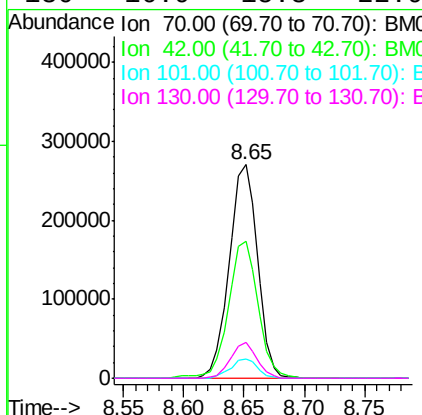
BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

Manual Integrations
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#20

3+4-Methylphenols

Concen: 53.36 ng

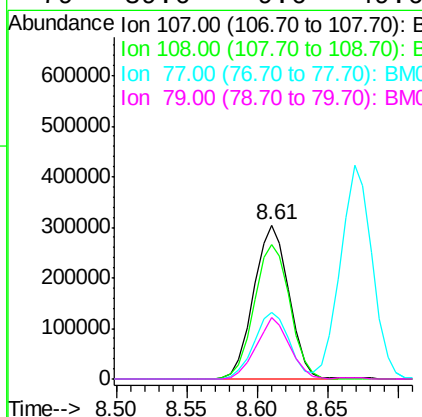
RT: 8.61 min Scan# 939

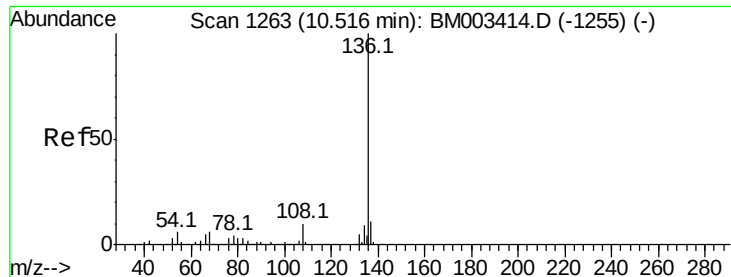
Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	73.2	113.2	
77	43.1	10.7	50.7	
79	39.6	9.6	49.6	





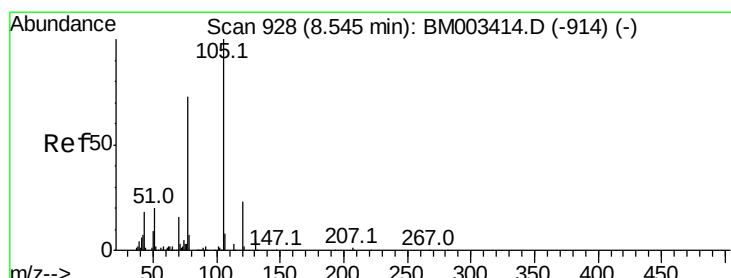
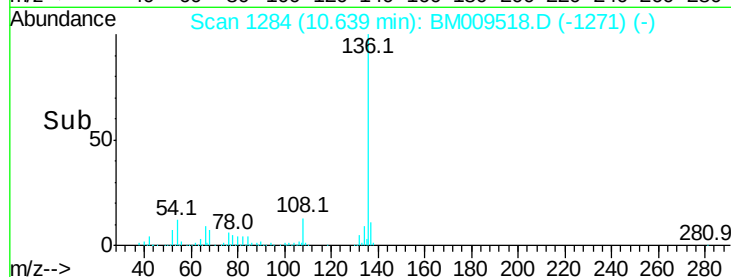
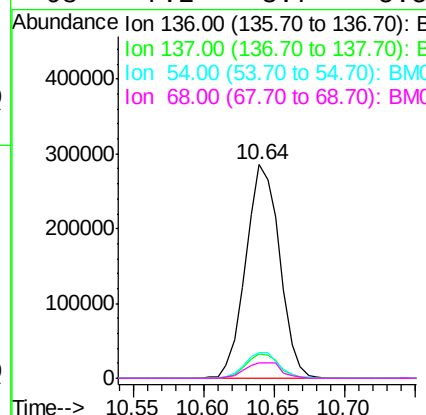
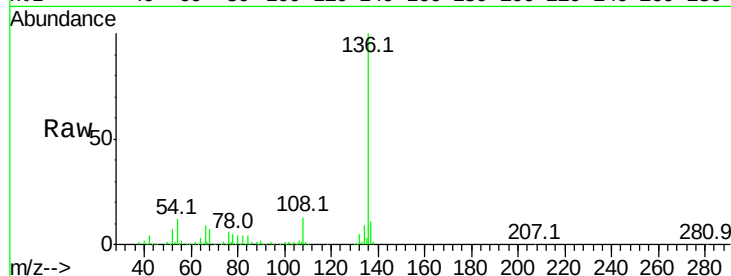
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.7	13.1	
54	11.9	4.6	6.8#	
68	7.2	3.7	5.5#	

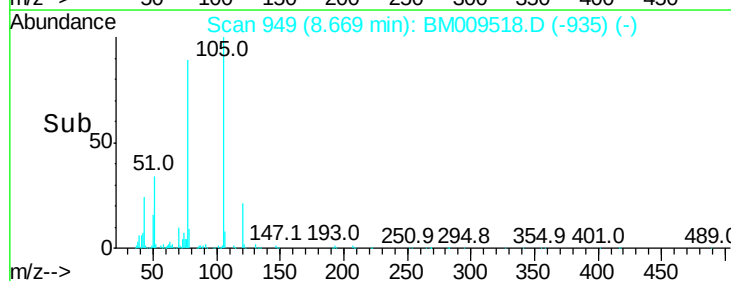
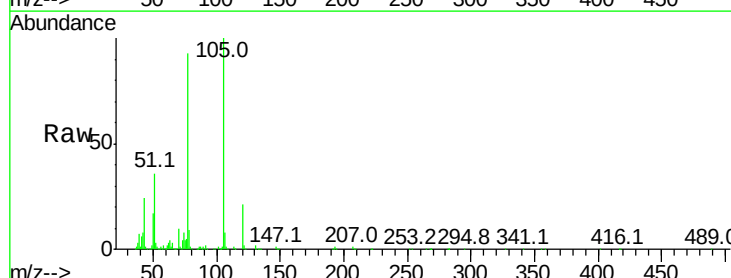
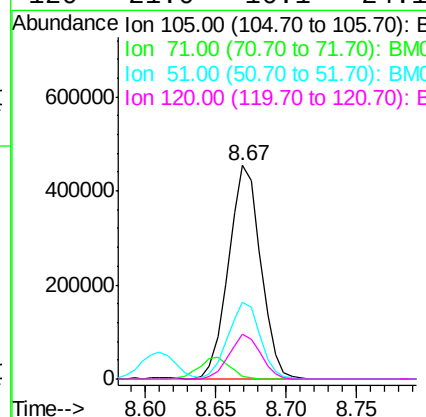
Manual Integrations
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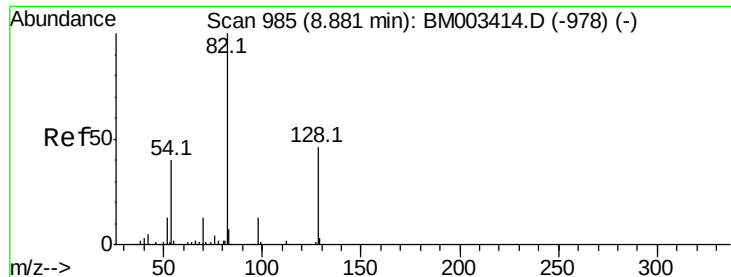
mohammad
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#22
Acetophenone
Concen: 52.86 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.4	0.6	1.0#	
51	35.8	21.6	32.4#	
120	21.0	16.1	24.1	





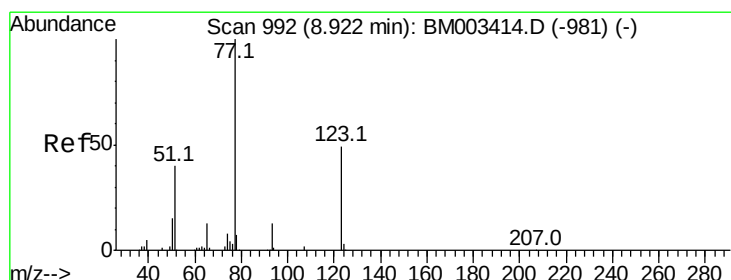
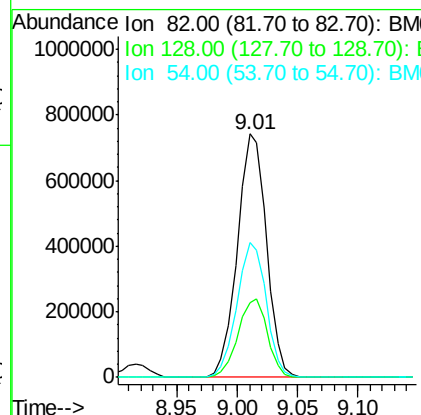
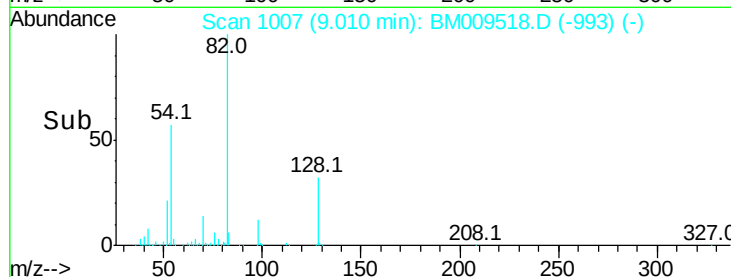
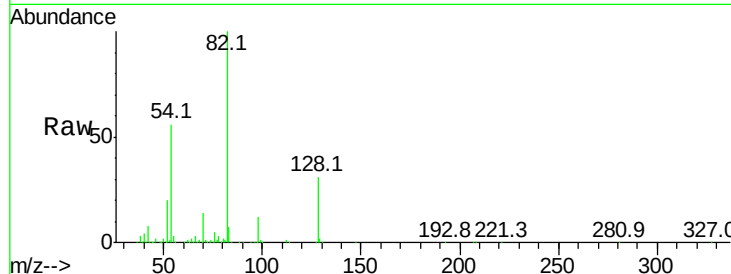
#23
 Nitrobenzene-d5
 Concen: 97.47 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Tot Ion: 82 Resp: 1249393
 Ion Ratio Lower Upper
 82 100
 128 30.8 32.8 49.2#
 54 55.6 40.6 60.8

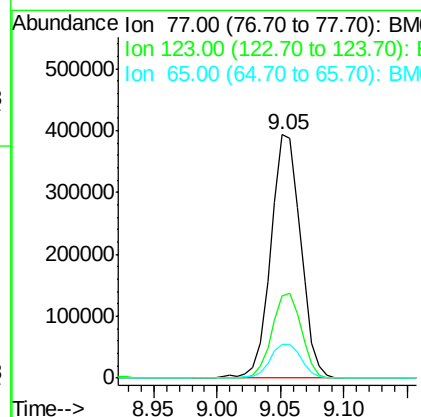
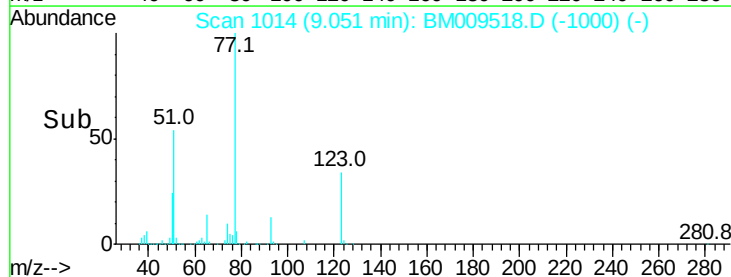
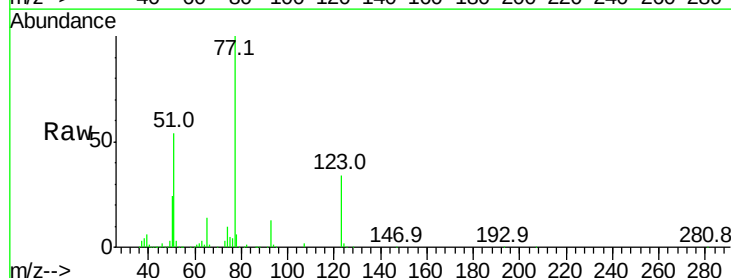
Manual Integrations
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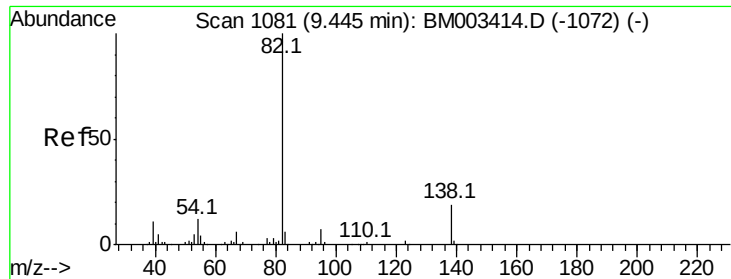
mohammad
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#24
 Nitrobenzene
 Concen: 51.35 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion: 77 Resp: 644903
 Ion Ratio Lower Upper
 77 100
 123 34.0 32.6 49.0
 65 13.6 10.9 16.3





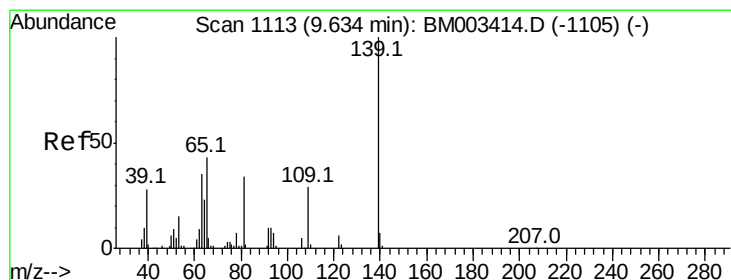
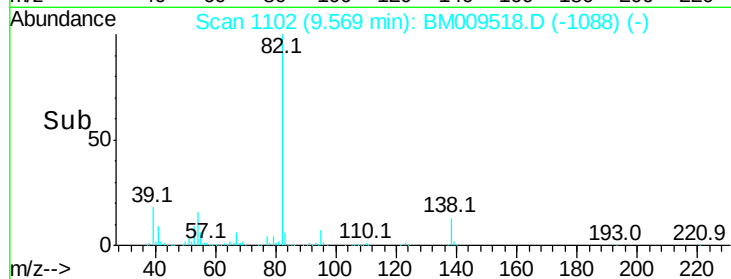
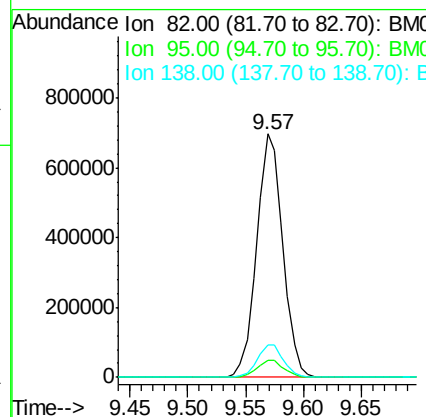
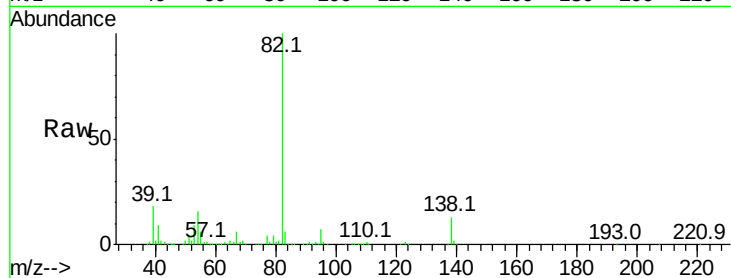
#25
Isophorone
Concen: 56.17 ng
RT: 9.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.6
138	13.1	16.3	24.5#

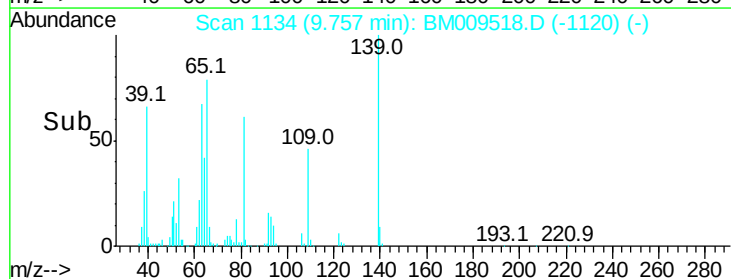
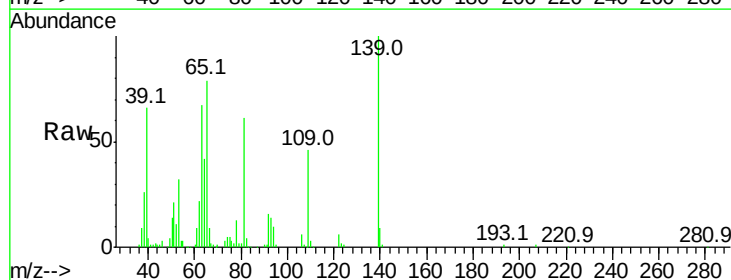
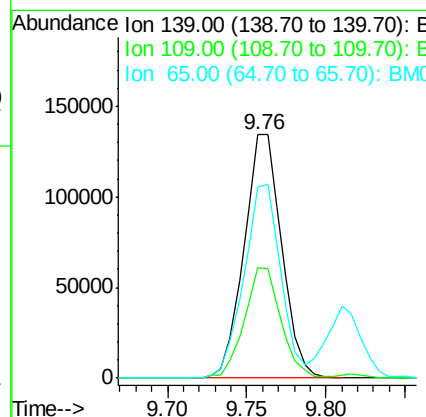
Manual Integrations
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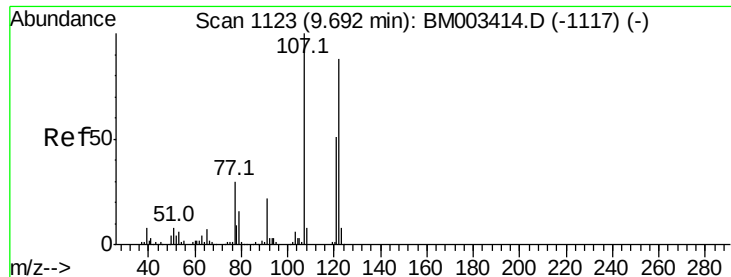
mohammad
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#26
2-Nitrophenol
Concen: 58.38 ng
RT: 9.76 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	45.6	20.1	30.1#
65	78.6	31.5	47.3#





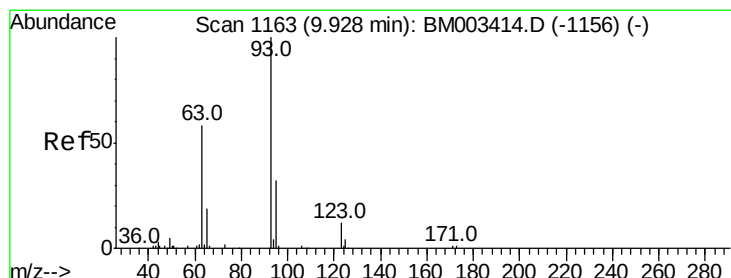
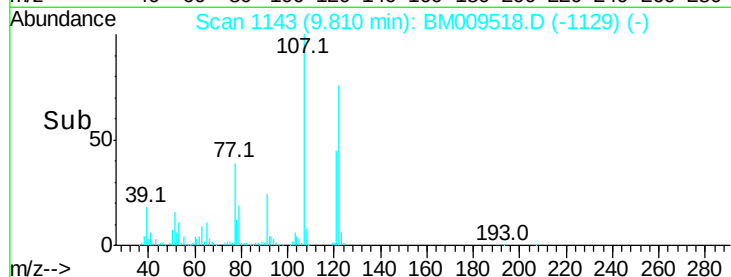
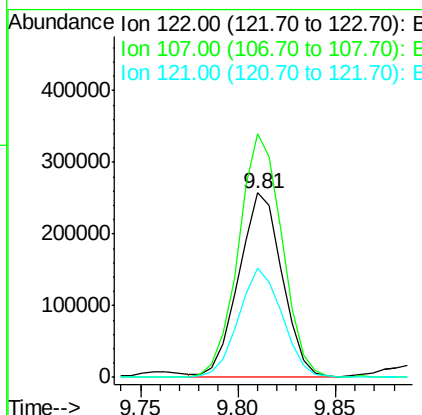
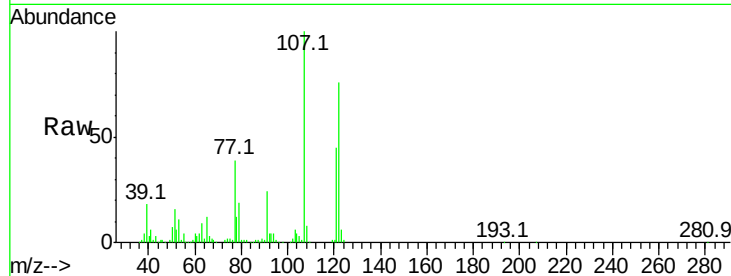
#27
2,4-Dimethylphenol
Concen: 57.05 ng
RT: 9.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.2	84.7	127.1#
121	59.6	46.6	69.8

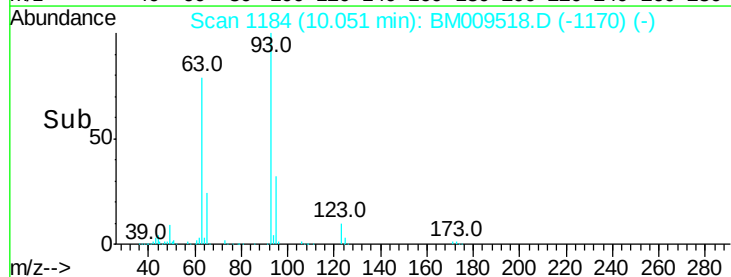
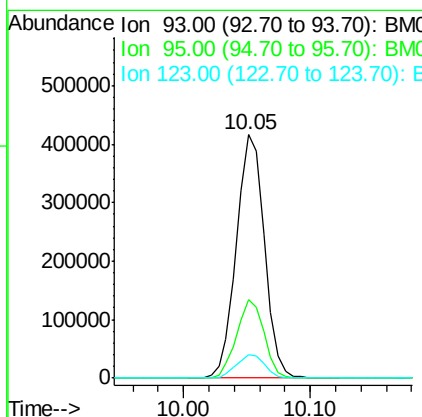
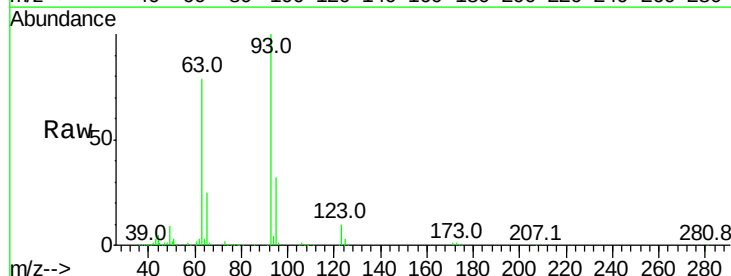
Manual Integrations
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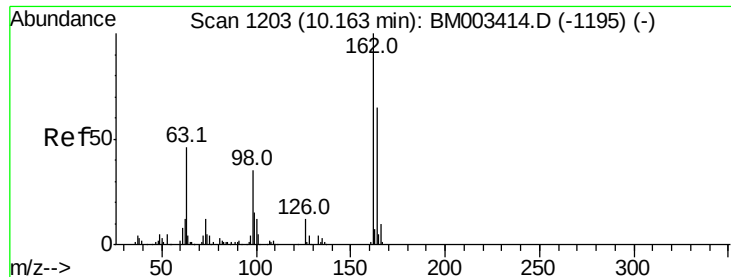
mohammad
4/4/2017 5:33:27 PM



#28
bis(2-Chloroethoxy)methane
Concen: 52.42 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	9.6	8.6	13.0





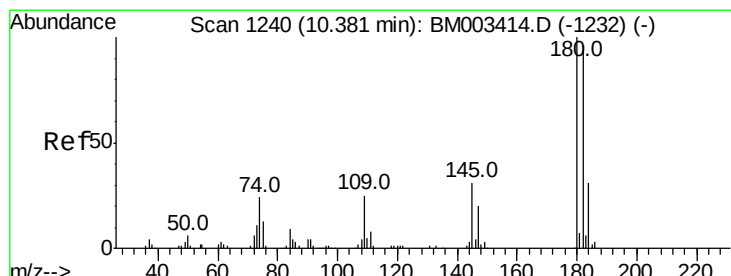
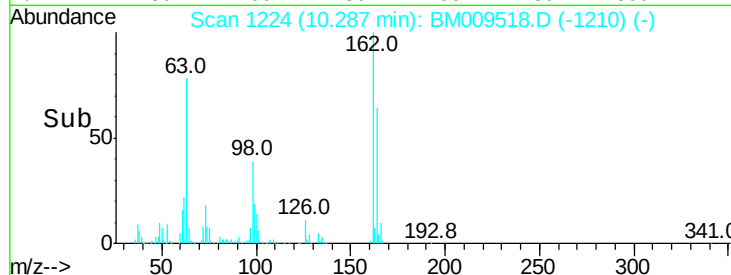
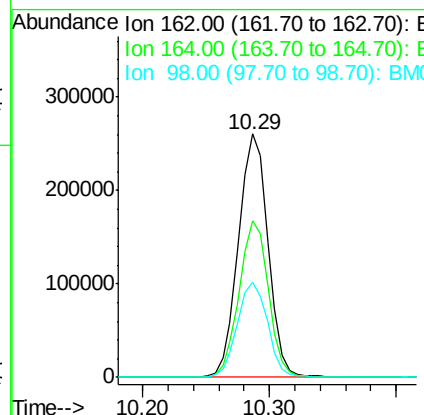
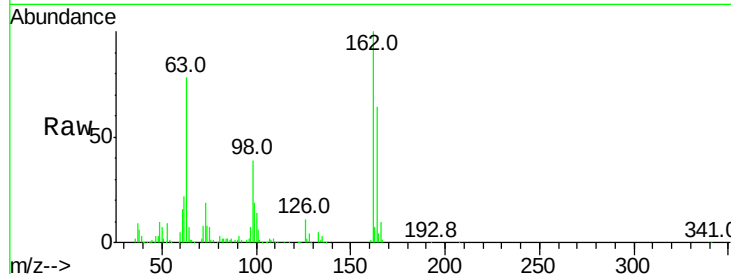
#29
2,4-Dichlorophenol
Concen: 58.07 ng
RT: 10.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	420670		
164	64.4	42.8	82.8	
98	39.1	14.5	54.5	

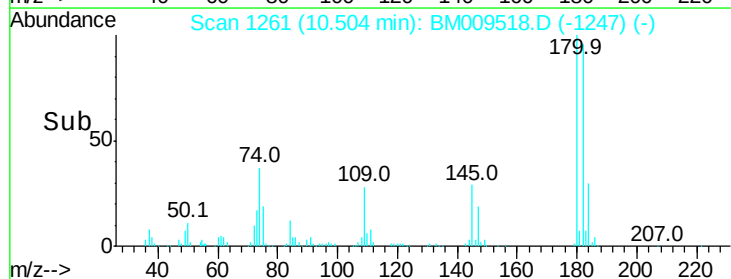
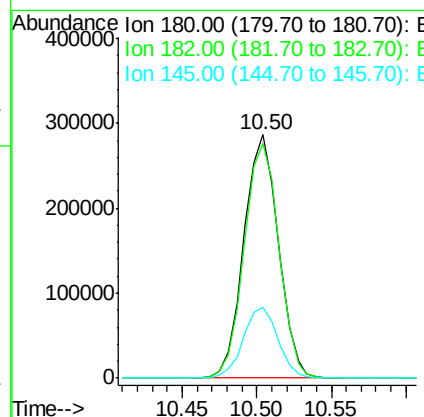
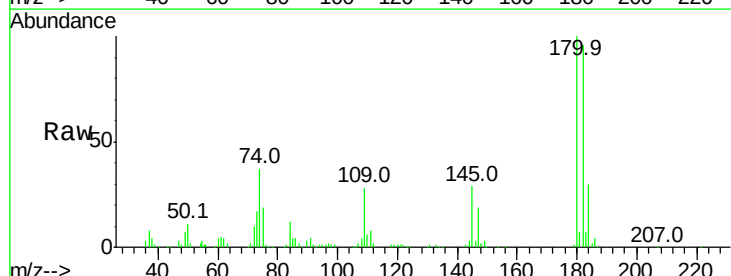
Manual Integrations
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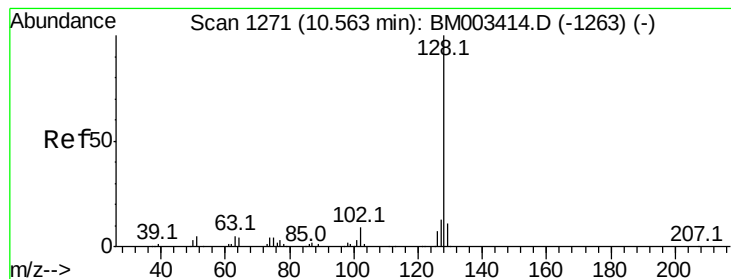
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 50.99 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	458290		
182	96.2	77.6	116.4	
145	29.1	23.4	35.2	





#31

Naphthalene

Concen: 50.40 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

Tot Ion:128 Resp: 1285670

Ion Ratio Lower Upper

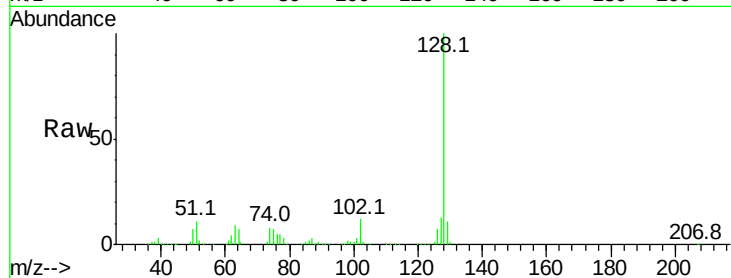
128 100

129 11.0 8.9 13.3

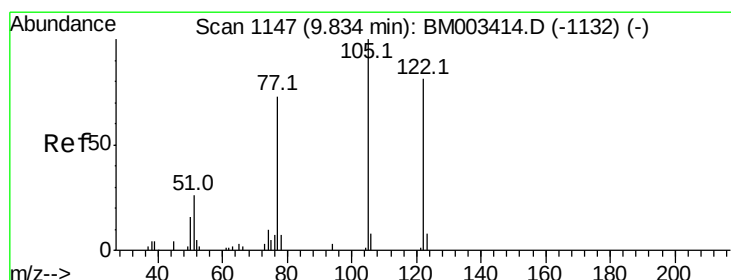
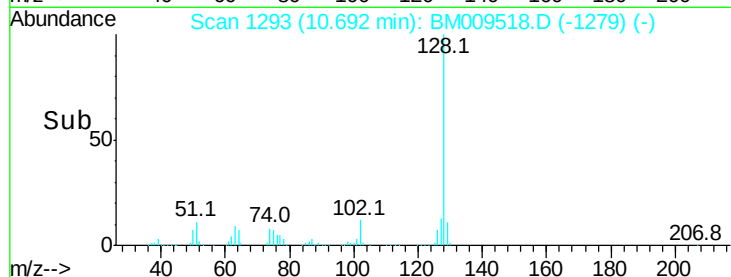
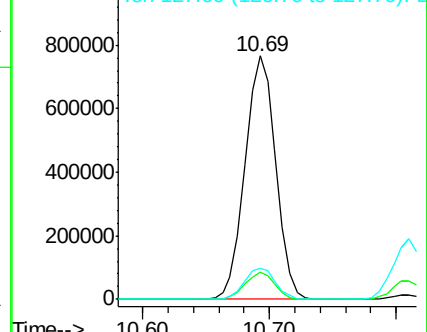
127 13.0 10.4 15.6

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



#32

Benzoic acid

Concen: 19.95 ng

RT: 9.92 min Scan# 1161

Delta R.T. -0.04 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

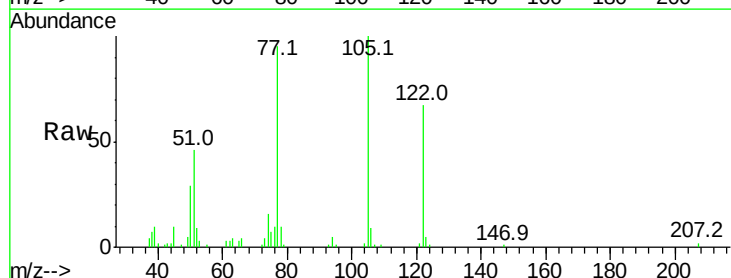
Tgt Ion:122 Resp: 86529

Ion Ratio Lower Upper

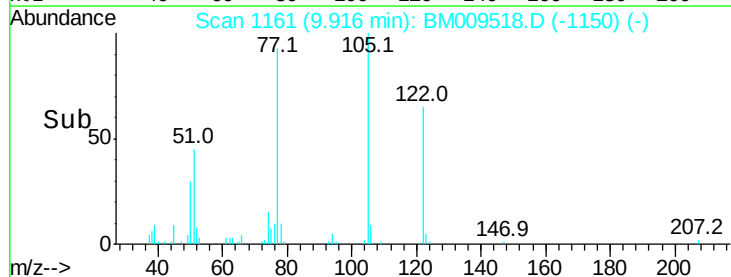
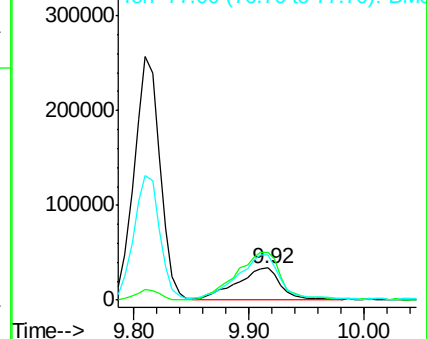
122 100

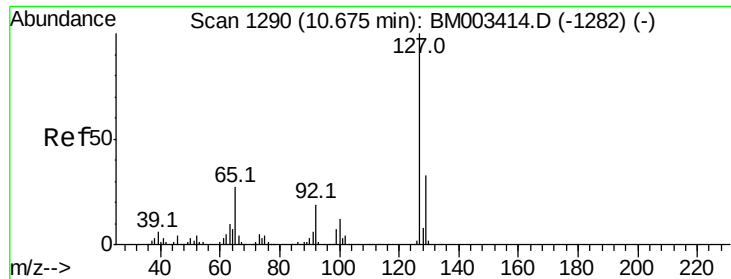
105 149.4 99.9 139.9#

77 142.5 73.7 113.7#



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





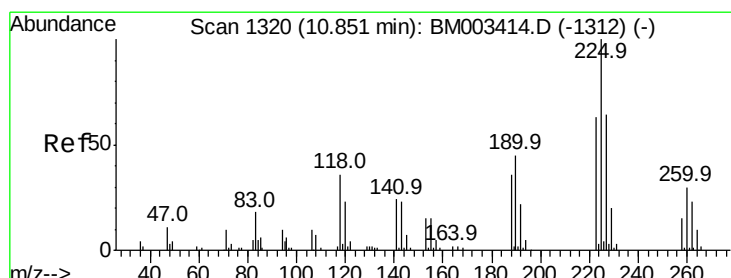
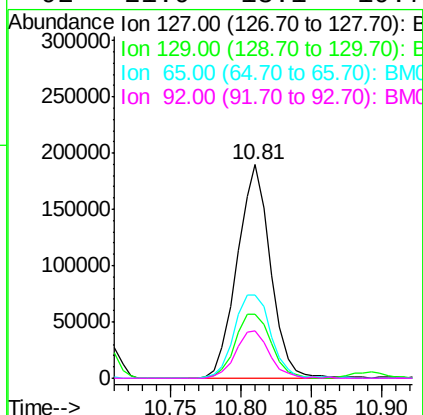
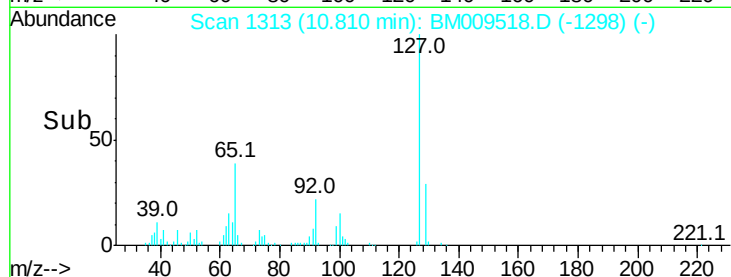
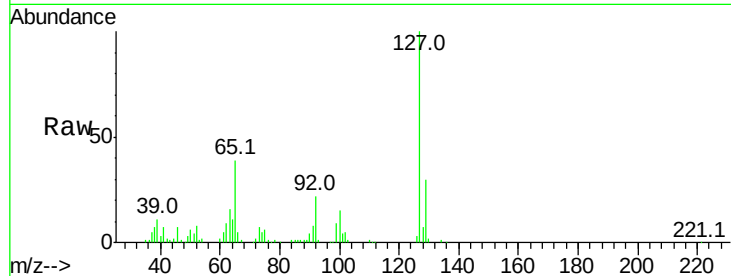
#33
4-Chloroaniline
Concen: 31.84 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.2	25.3	37.9	
65	38.9	17.6	26.4	
92	21.9	13.1	19.7	

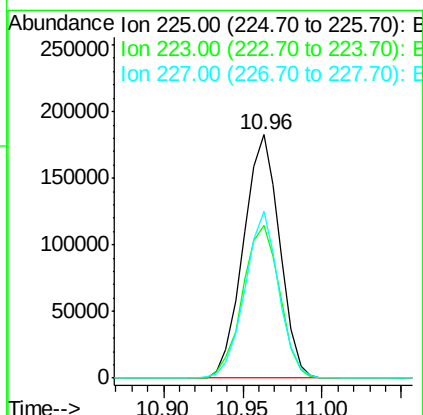
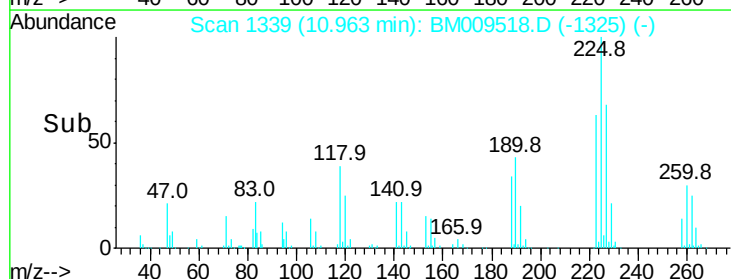
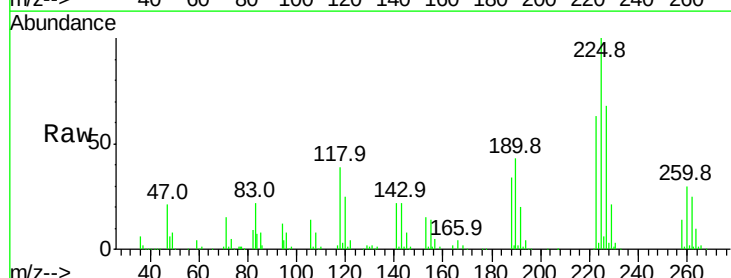
Manual Integrations
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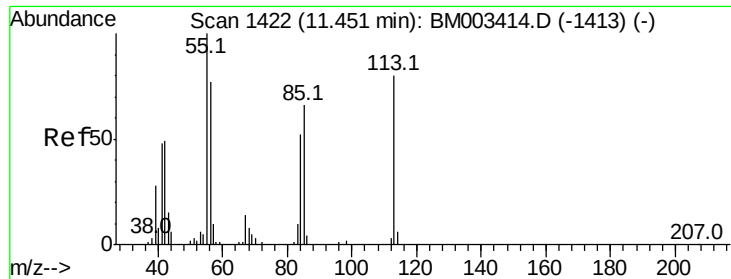
mohammad
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#34
Hexachlorobutadiene
Concen: 46.92 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	47.9	71.9	
227	68.3	50.1	75.1	





#35

Caprolactam

Concen: 52.69 ng/mL

RT: 11.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument:

BNA_M

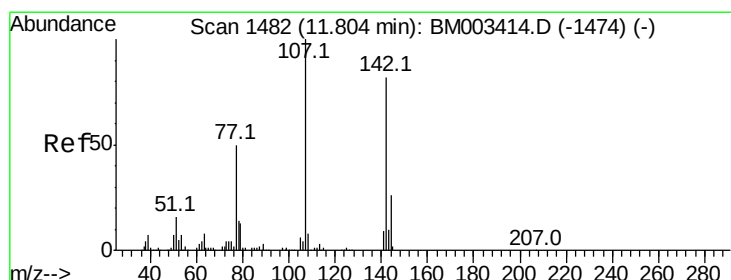
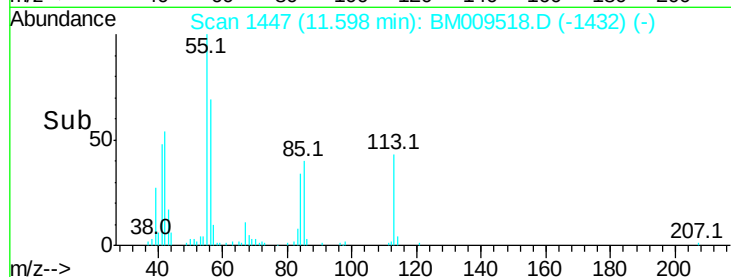
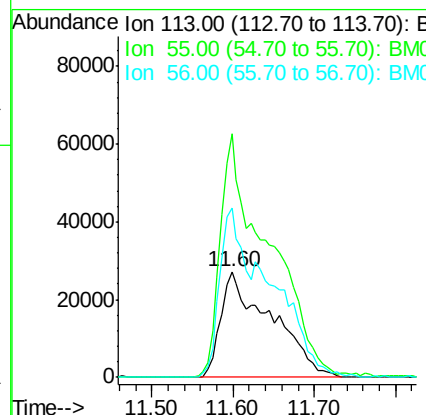
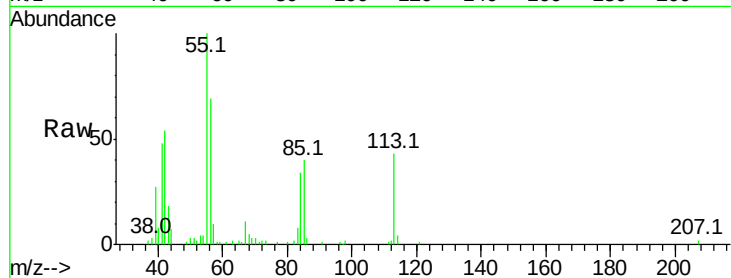
ClientSampleID:

B-10-S2(2.5-3.0)MSD

Tot Ion:	113	Resp:	116530
Ion Ratio	Lower	Upper	
113	100		
55	230.6	145.9	185.9#
56	159.9	101.0	141.0#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 59.80 ng/mL

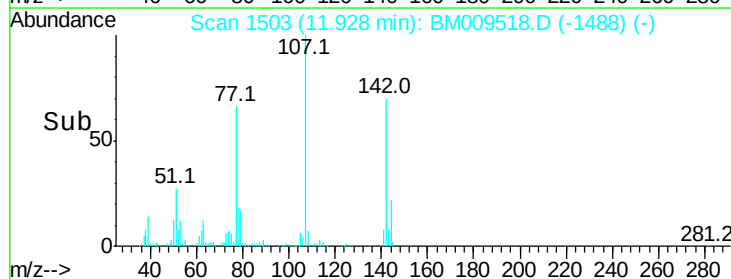
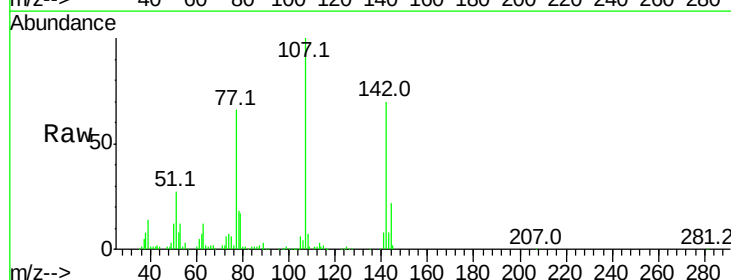
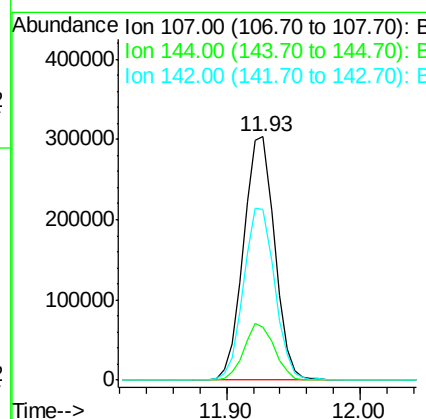
RT: 11.93 min Scan# 1503

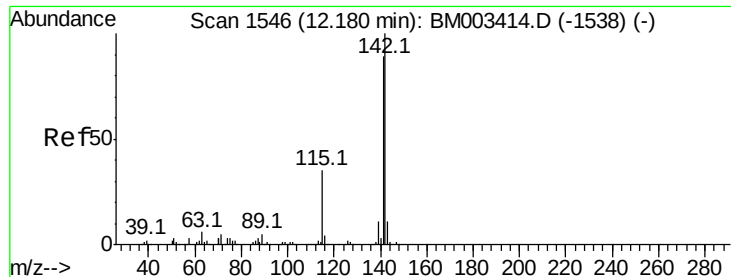
Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tgt Ion:	107	Resp:	490122
Ion Ratio	Lower	Upper	
107	100		
144	22.0	23.3	34.9#
142	70.1	72.6	109.0#





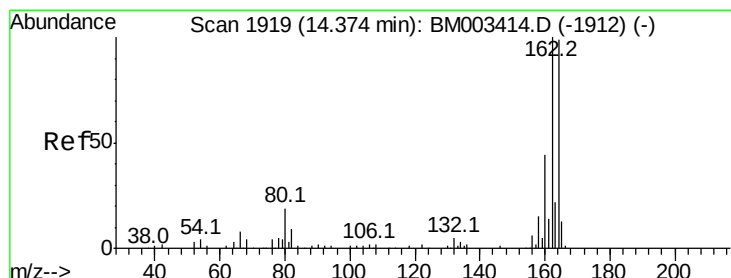
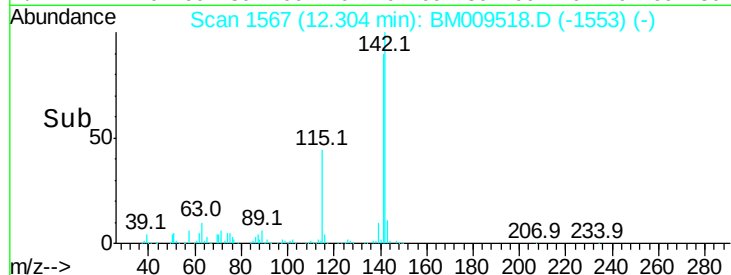
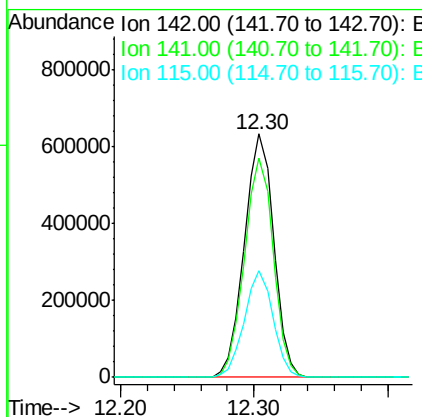
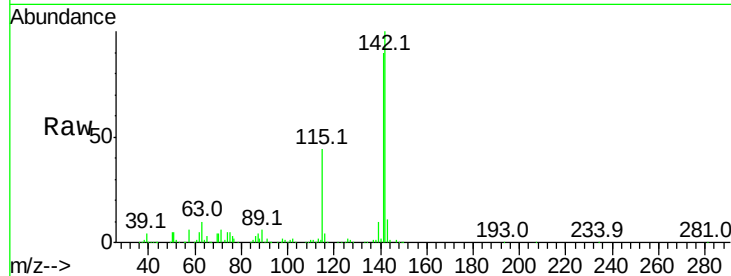
#37
2-Methylnaphthalene
Concen: 54.61 ng
RT: 12.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	43.6	25.4	38.0

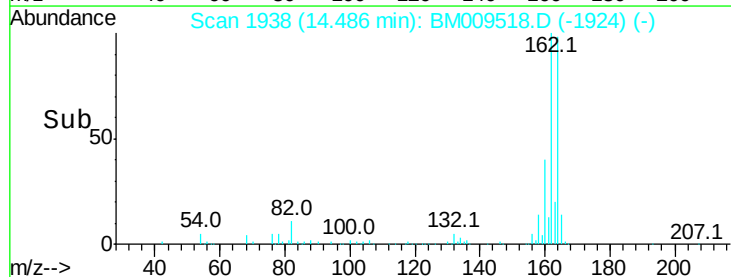
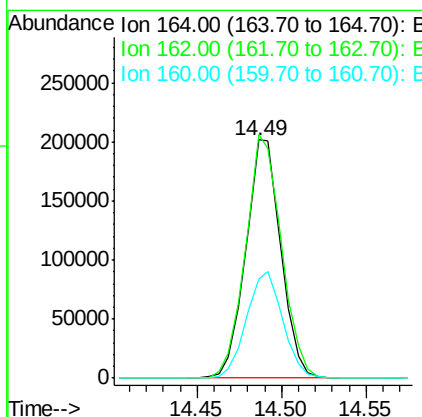
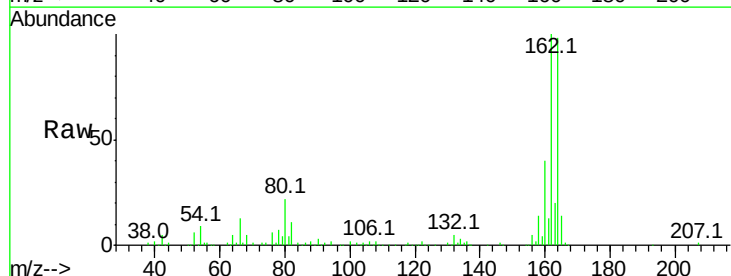
Manual Integrations
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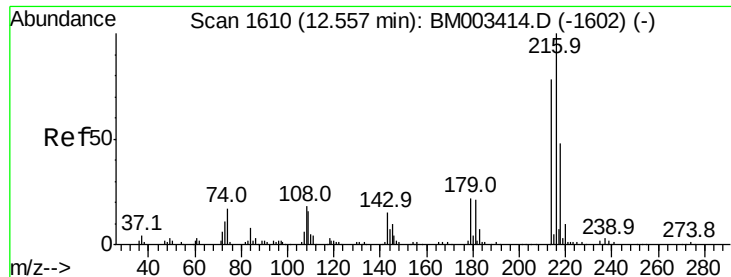
mohammad
4/4/2017 5:33:27 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.4	123.6
160	41.4	35.8	53.6





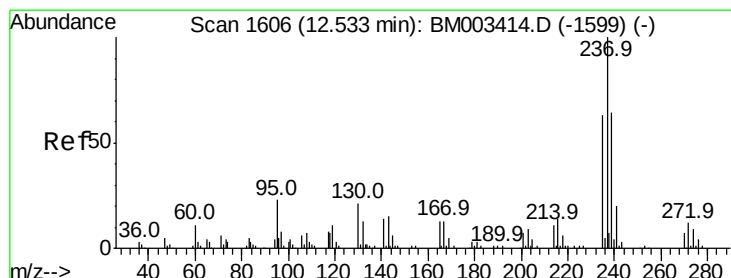
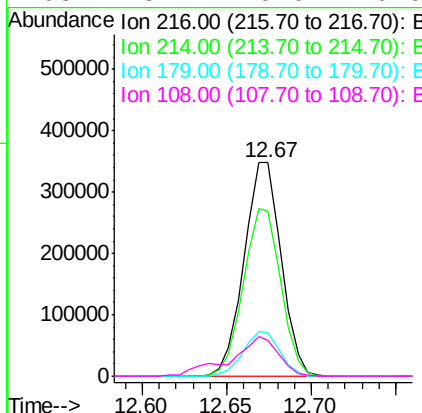
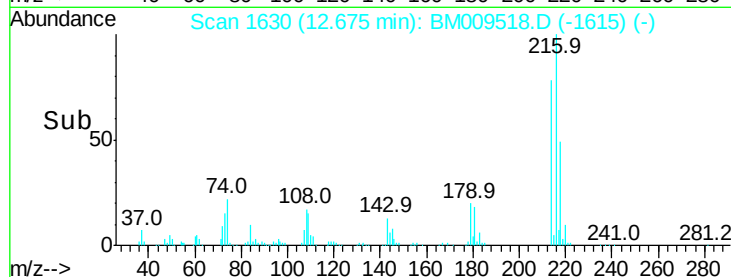
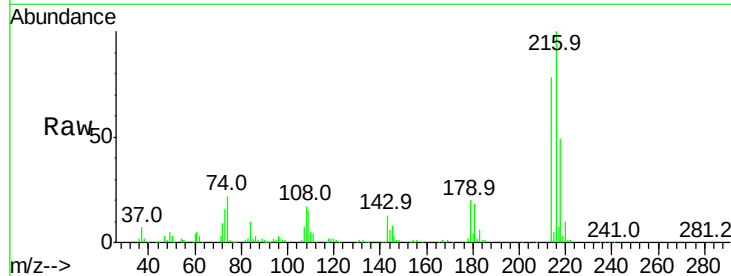
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.57 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.6	0.0	0.0#
179	20.8	0.0	0.0#
108	23.4	0.0	0.0#

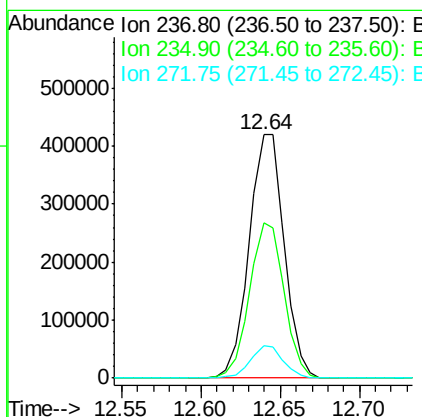
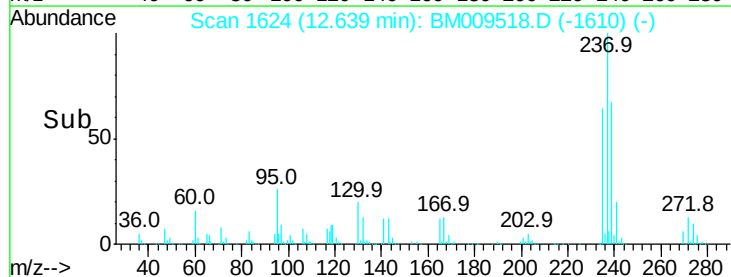
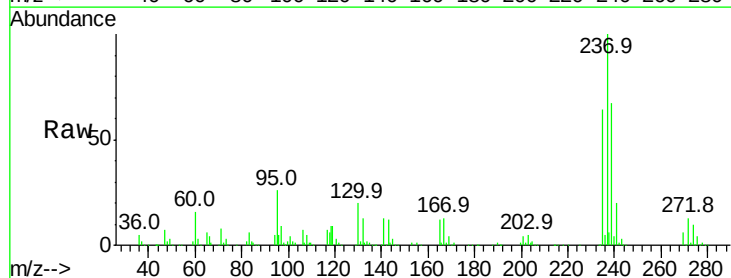
Manual Integrations
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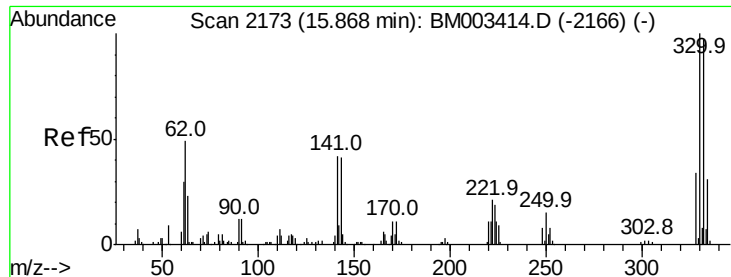
mohammad
 4/4/2017 5:33:27 PM



#40
 Hexachlorocyclopentadiene
 Concen: 102.12 ng
 RT: 12.64 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.0	82.0
272	13.4	0.0	33.4





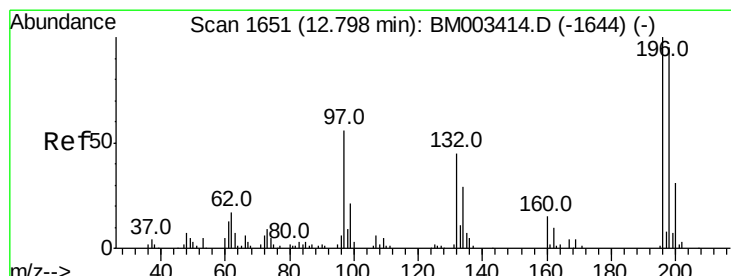
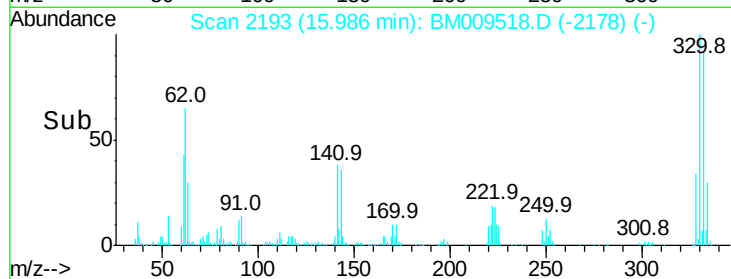
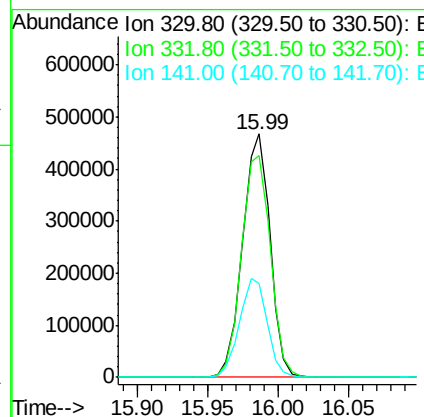
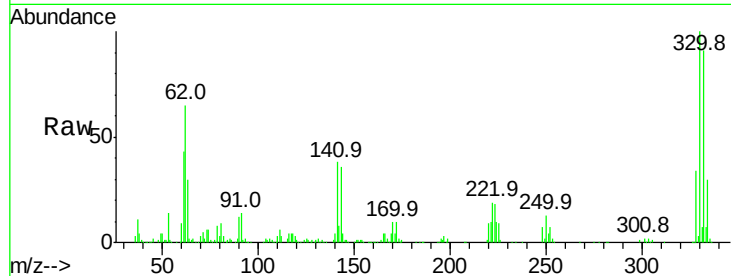
#41
 2,4,6-Tribromophenol
 Concen: 175.82 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	0.0	0.0	
141	41.0	0.0	0.0	

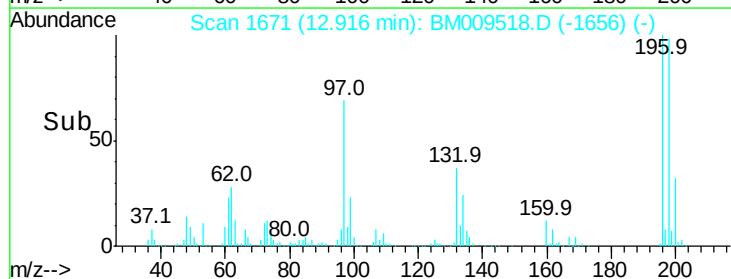
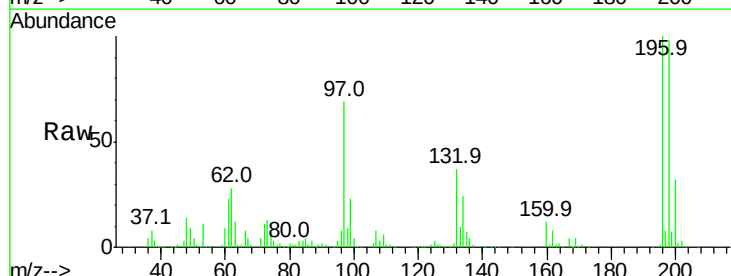
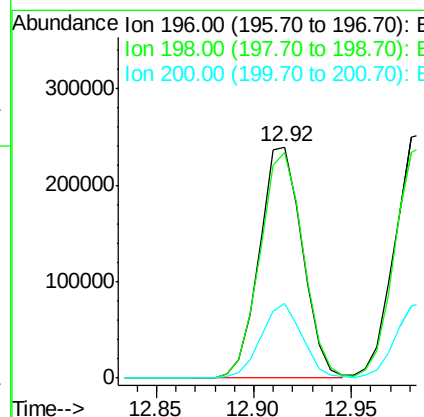
Manual Integrations
 APPROVED

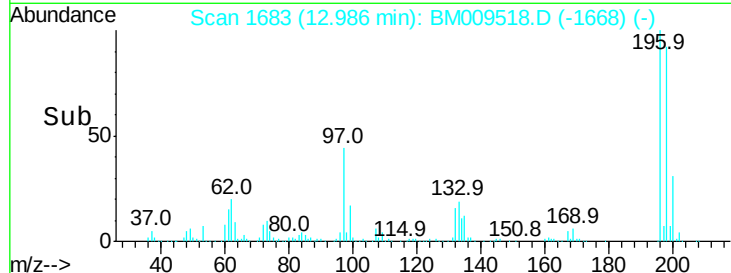
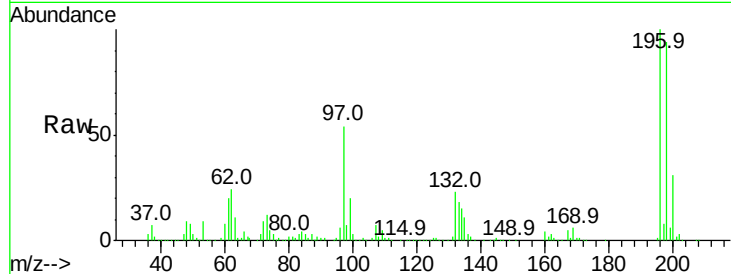
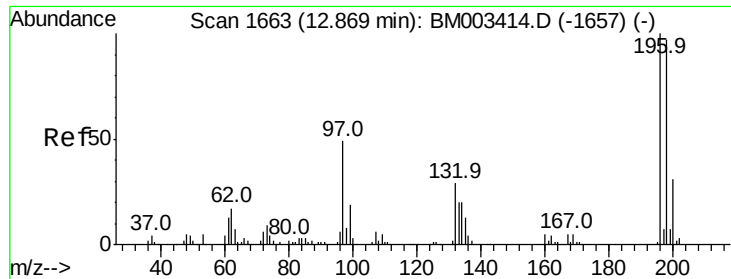
mohammad
 4/4/2017 5:33:27 PM



#42
 2,4,6-Trichlorophenol
 Concen: 58.18 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.9	76.3	114.5	
200	32.1	25.6	38.4	





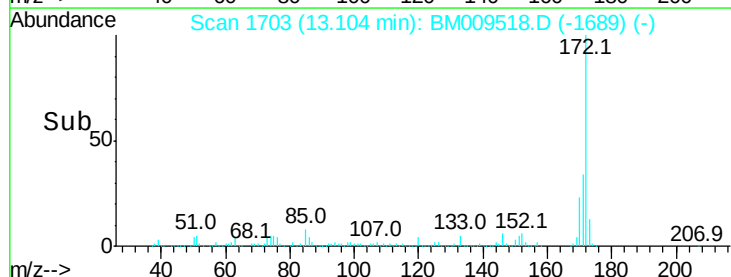
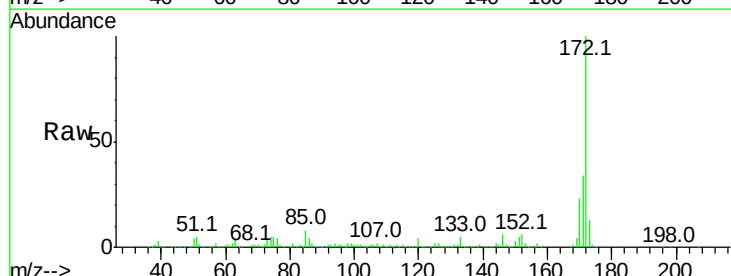
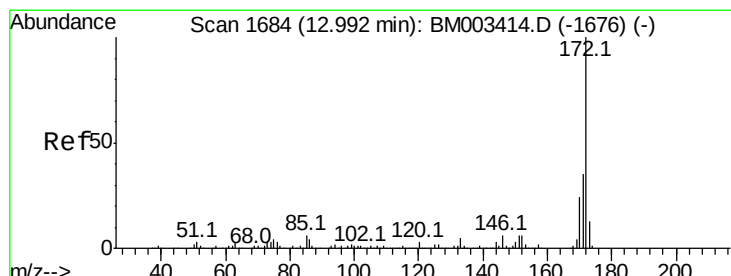
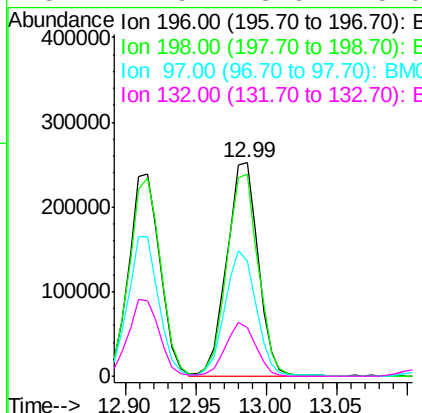
#43
2,4,5-Trichlorophenol
Concen: 55.65 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tot Ion	Ratio	Resp	Lower	Upper
196	100	390881		
198	94.4	79.4	119.0	
97	54.0	26.8	40.2#	
132	22.9	18.6	28.0	

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

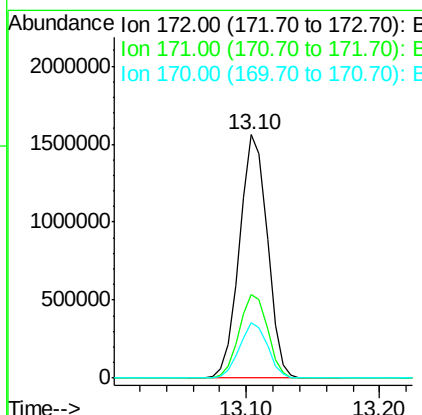
Manual Integrations
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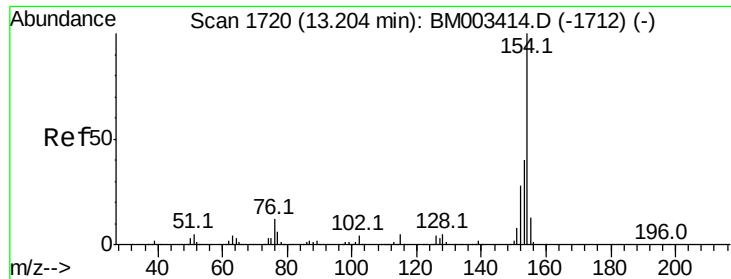
mohammad
4/4/2017 5:33:27 PM



#44
2-Fluorobiphenyl
Concen: 92.89 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2247949		
171	34.5	28.5	42.7	
170	22.7	18.8	28.2	





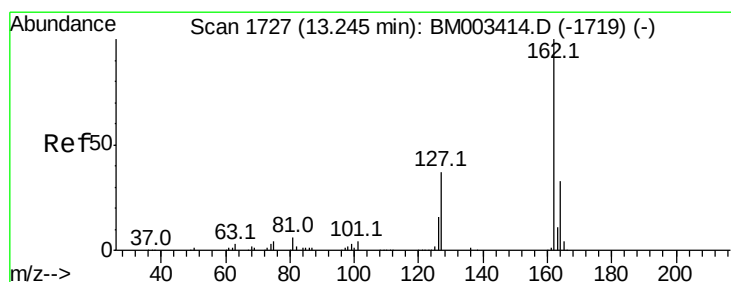
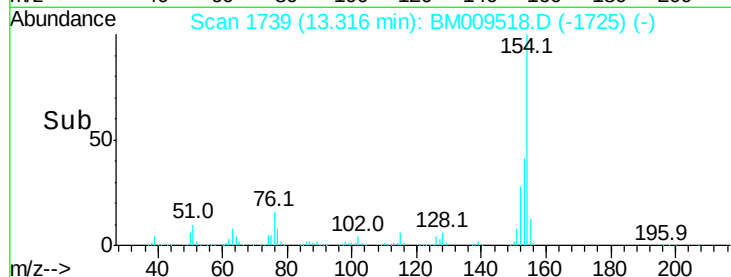
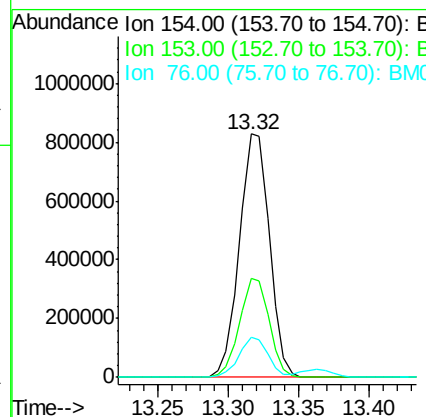
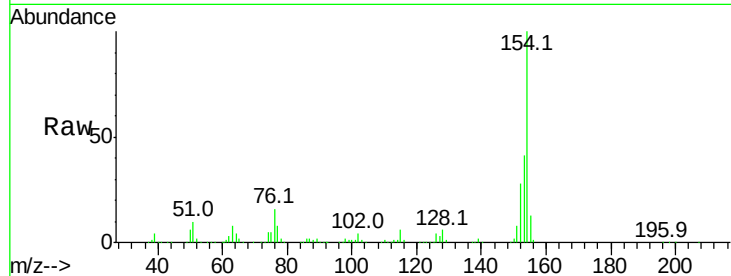
#45
 1,1'-Biphenyl
 Concen: 50.71 ng
 RT: 13.32 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	16.3	0.0	30.9

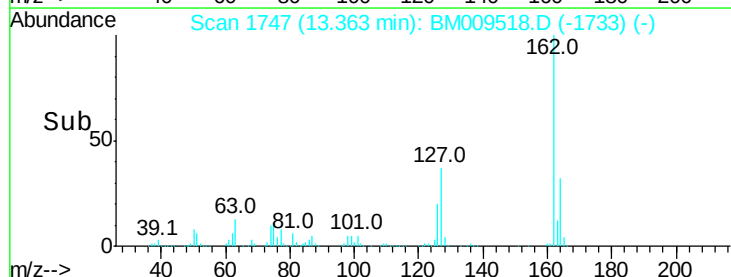
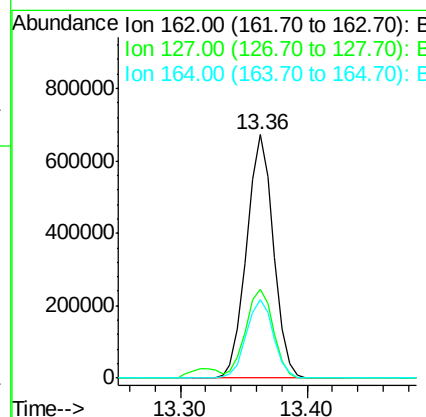
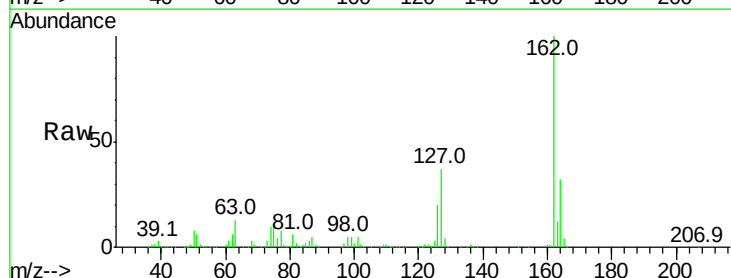
Manual Integrations
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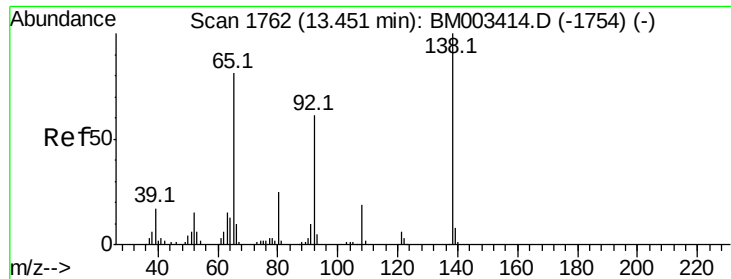
mohammad
 4/4/2017 5:33:27 PM



#46
 2-Chloronaphthalene
 Concen: 52.32 ng
 RT: 13.36 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.5	26.9	40.3
164	32.5	26.8	40.2





#47

2-Nitroaniline

Concen: 57.69 ng

RT: 13.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

Tot Ion: 65 Resp: 400679

Ion Ratio Lower Upper

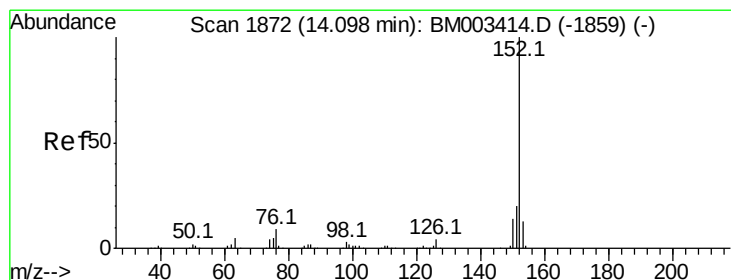
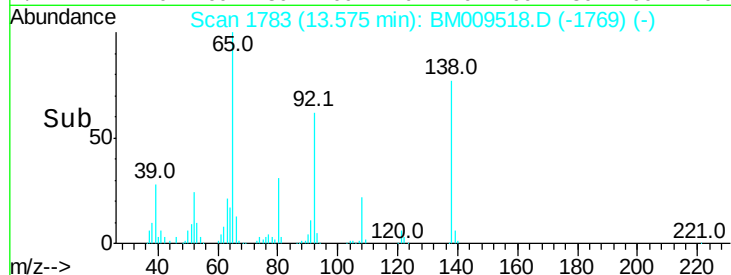
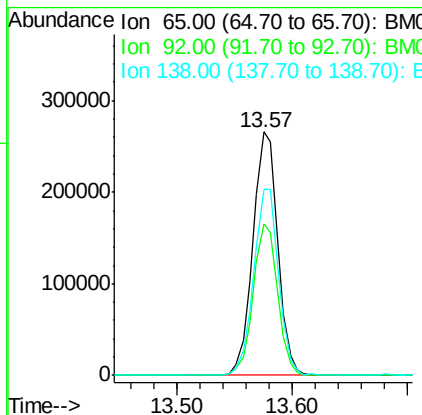
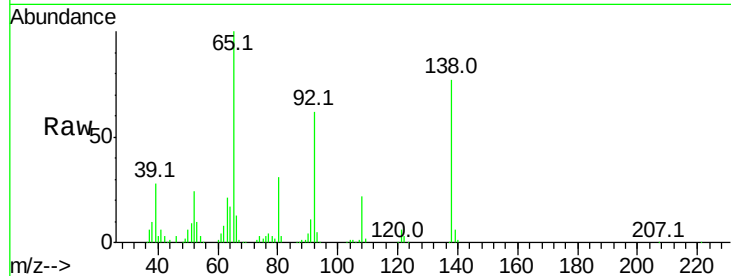
65 100

92 62.1 59.1 88.7

138 76.6 93.9 140.9#

Manual Integrations
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4/4/2017 5:33:27 PM



#48

Acenaphthylene

Concen: 51.74 ng

RT: 14.21 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

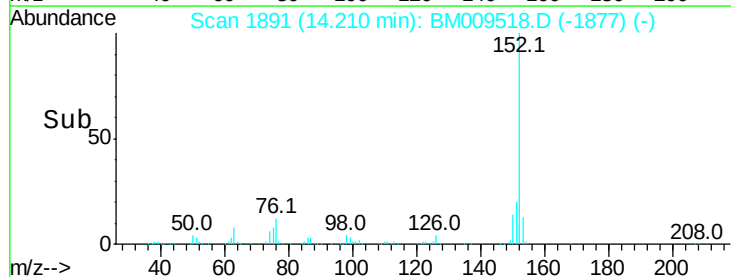
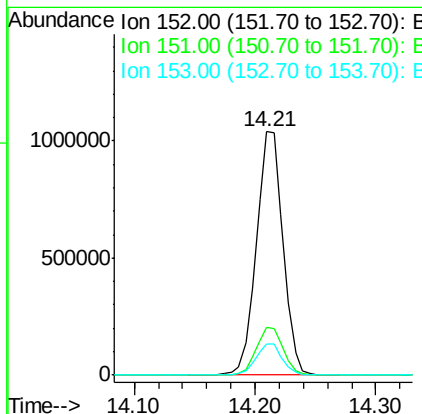
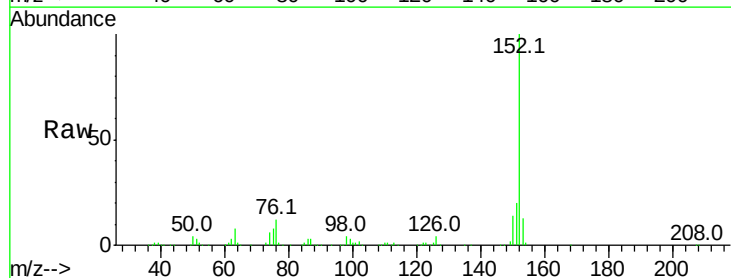
Tgt Ion: 152 Resp: 1588650

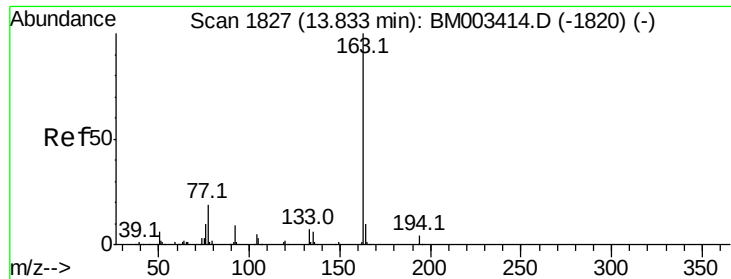
Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.9 10.6 16.0





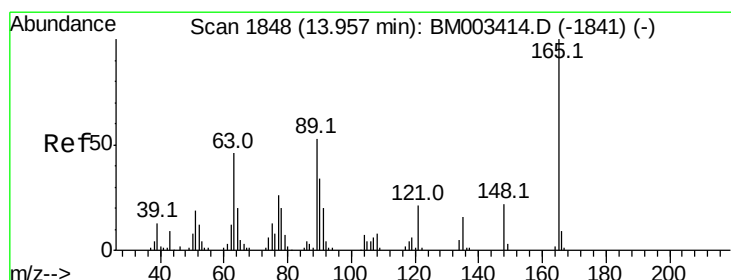
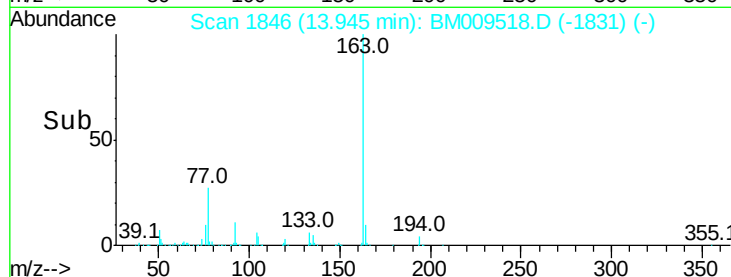
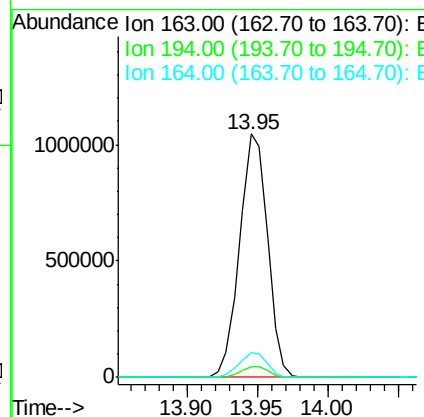
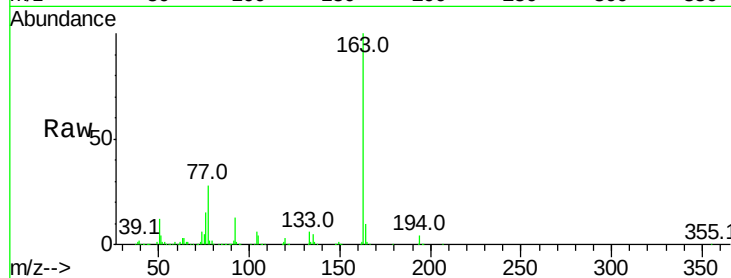
#49
Dimethylphthalate
Concen: 64.58 ng
RT: 13.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	10.3	8.2	12.2

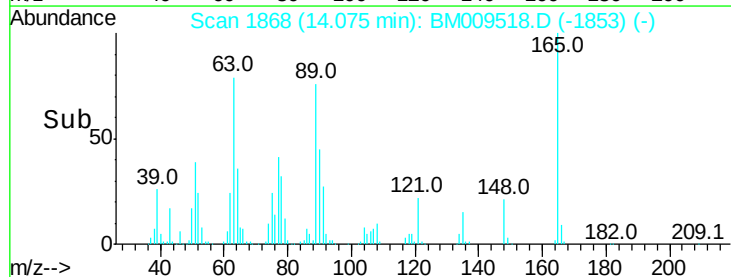
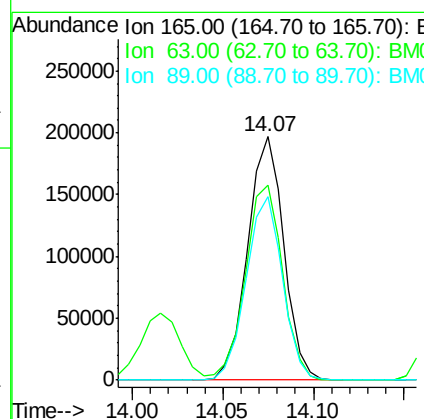
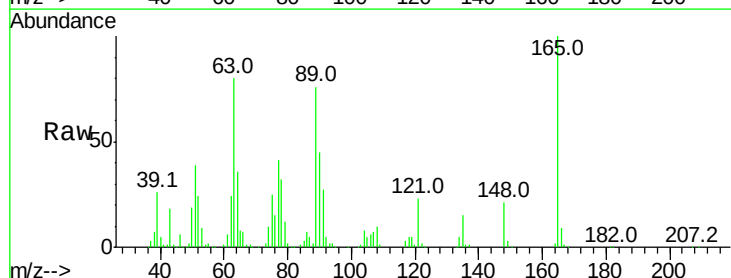
Manual Integrations
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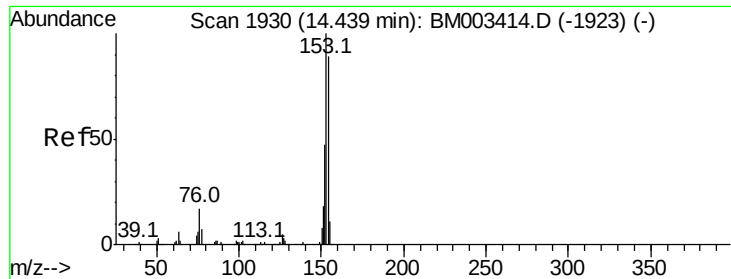
mohammad
4/4/2017 5:33:27 PM



#50
2,6-Dinitrotoluene
Concen: 56.58 ng
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	79.9	44.1	66.1#
89	75.5	44.3	66.5#





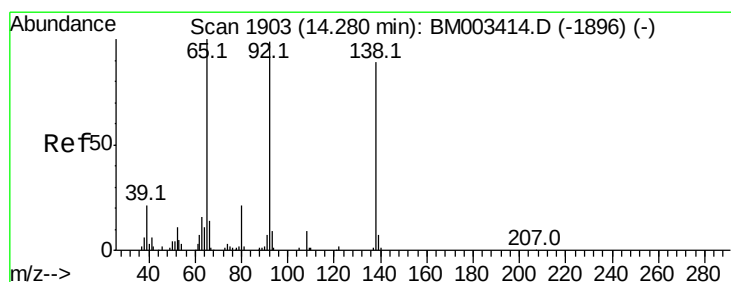
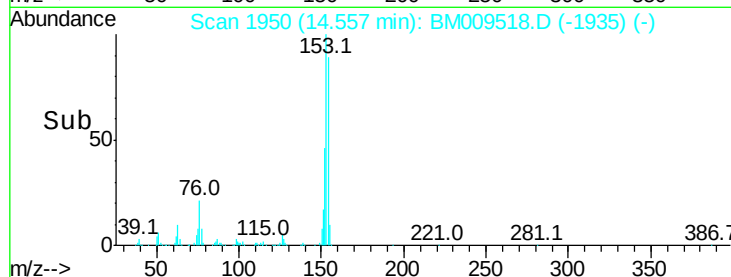
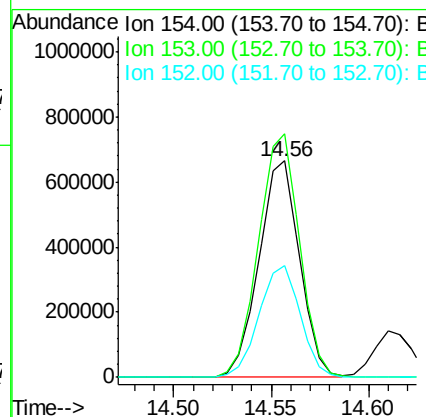
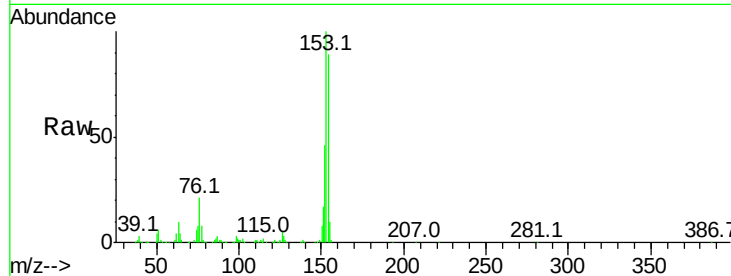
#51
Acenaphthene
Concen: 51.88 ng
RT: 14.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.0	135.0
152	51.9	42.6	63.8

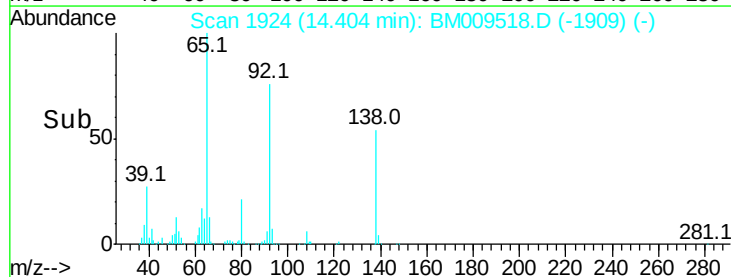
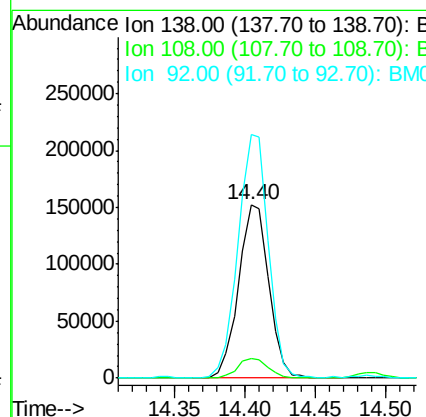
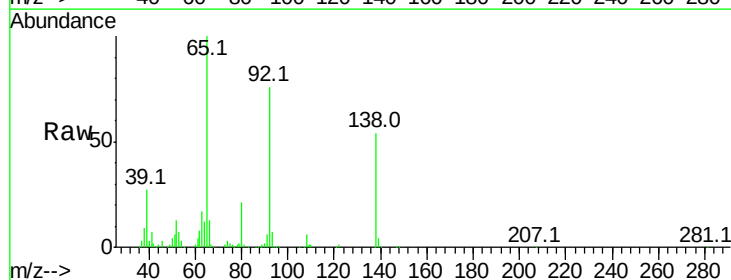
Manual Integrations
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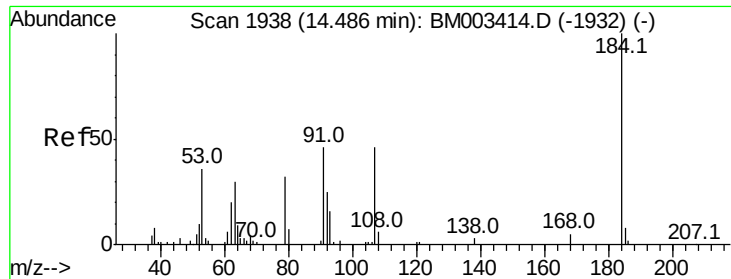
mohammad
4/4/2017 5:33:27 PM



#52
3-Nitroaniline
Concen: 48.08 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.6	7.3	10.9#
92	140.3	76.6	114.8#





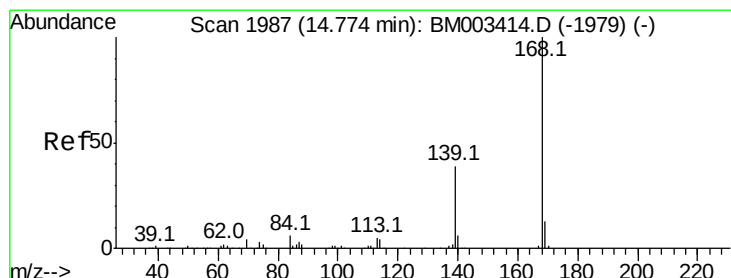
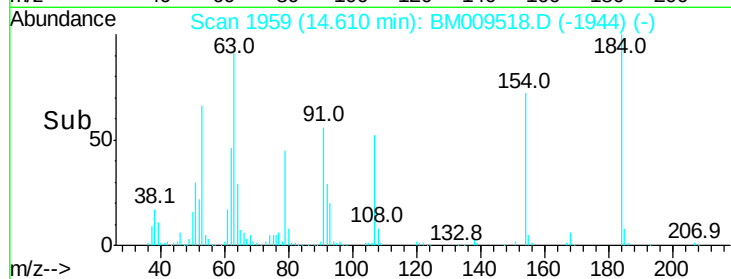
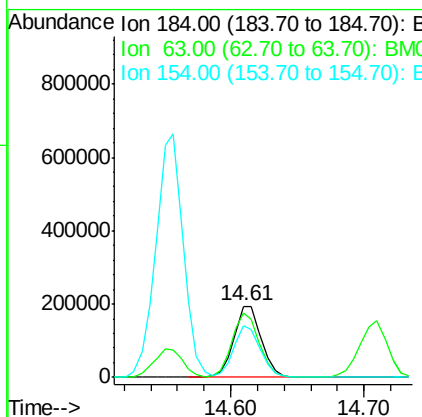
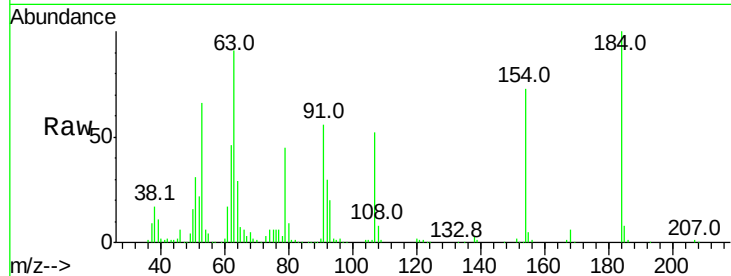
#53
 2,4-Dinitrophenol
 Concen: 85.35 ng
 RT: 14.61 min Scan# 1959
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	279009		
63	91.4	69.2	103.8	
154	73.2	53.3	79.9	

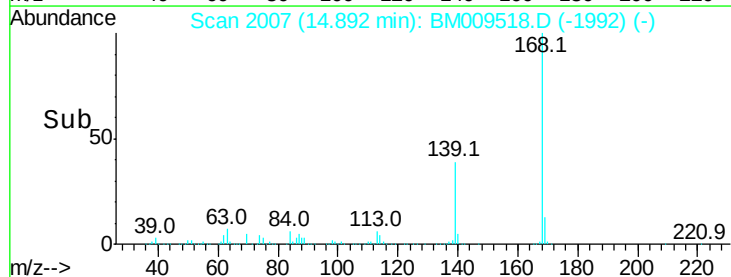
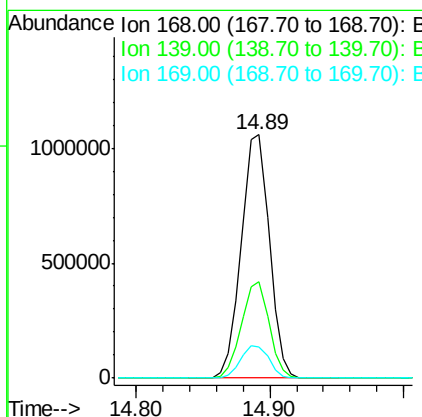
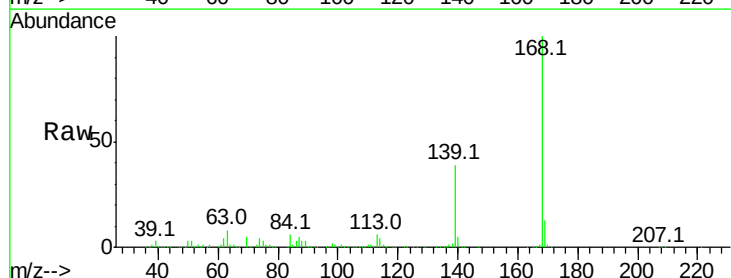
Manual Integrations
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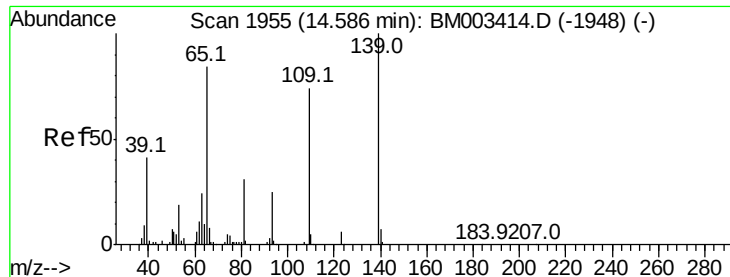
mohammad
 4/4/2017 5:33:27 PM



#54
 Dibenzofuran
 Concen: 56.12 ng
 RT: 14.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1537447		
139	39.4	27.3	40.9	
169	13.0	10.6	16.0	





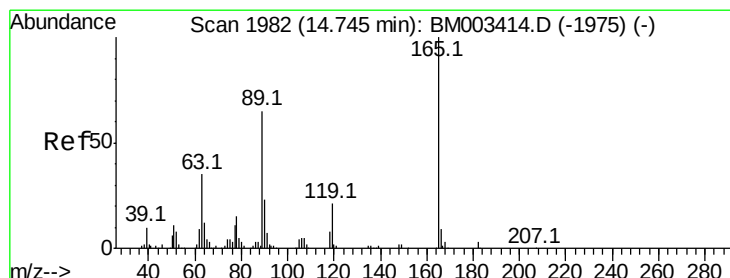
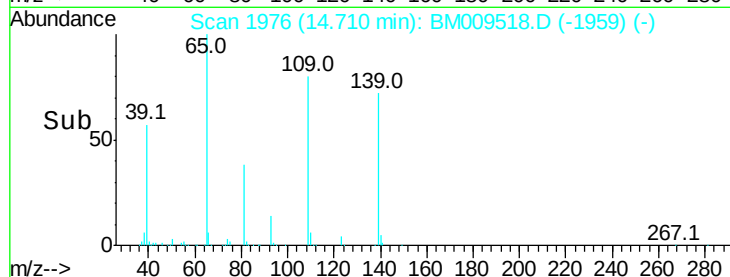
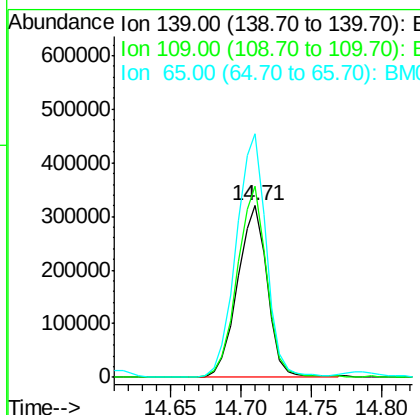
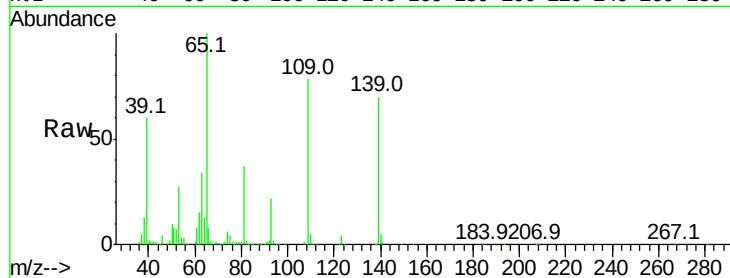
#55
4-Nitrophenol
Concen: 119.57 ng
RT: 14.71 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	111.2	37.7	77.7#
65	142.0	49.9	89.9#

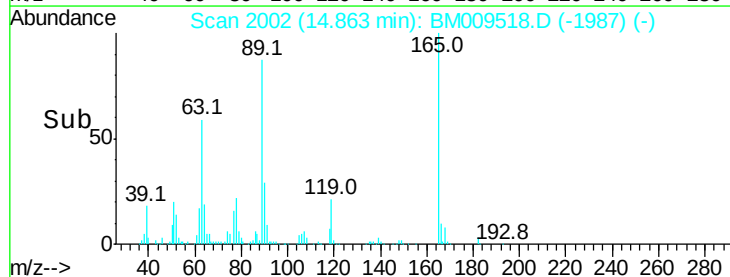
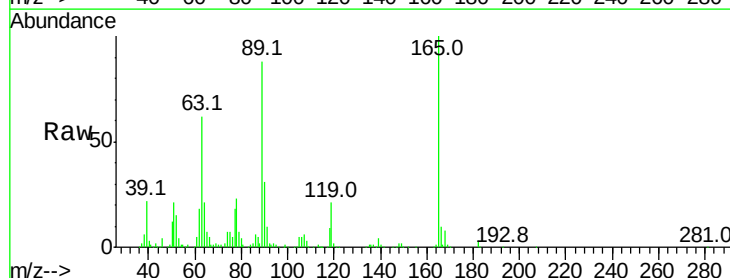
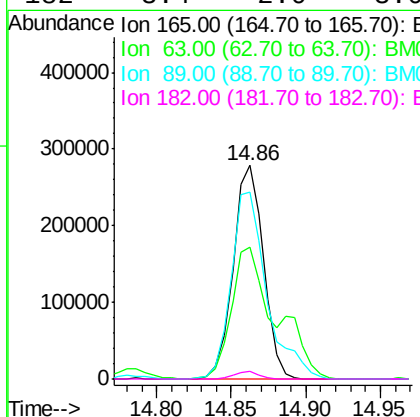
Manual Integrations
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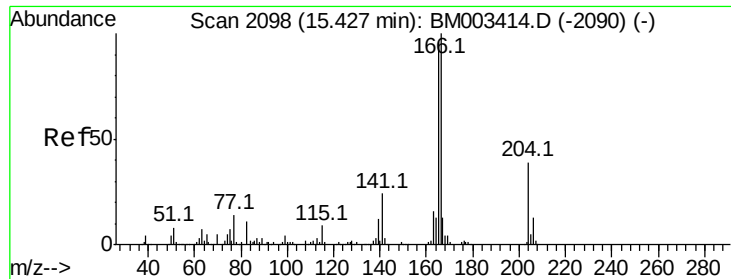
mohammad
4/4/2017 5:33:27 PM



#56
2,4-Dinitrotoluene
Concen: 60.18 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.7	52.4	78.6
89	87.8	72.4	108.6
182	3.4	2.0	3.0#





#57

Fluorene

Concen: 52.10 ng

RT: 15.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

Tot Ion:166 Resp: 1282824

Ion Ratio Lower Upper

166 100

165 96.9 79.0 118.4

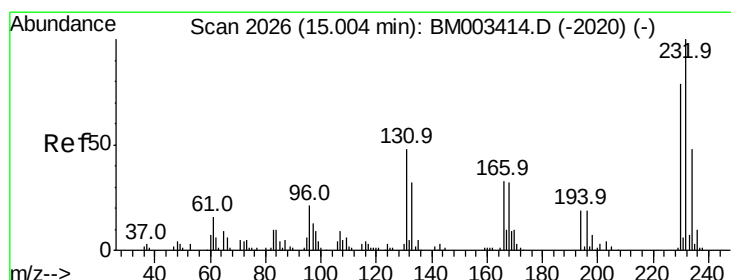
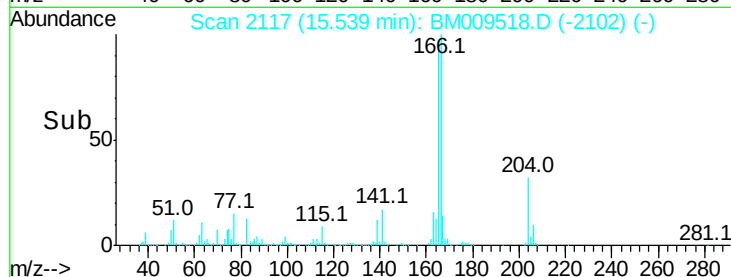
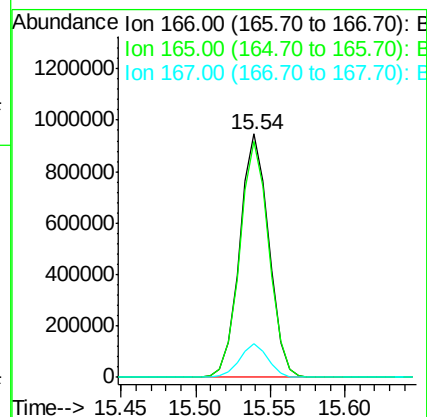
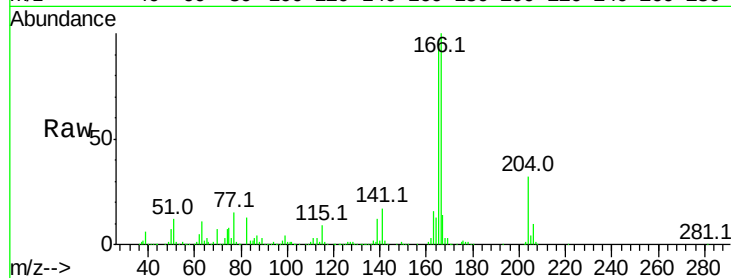
167 13.8 10.3 15.5

Manual Integrations

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mohammad

4/4/2017 5:33:27 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 61.98 ng

RT: 15.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tgt Ion:232 Resp: 368207

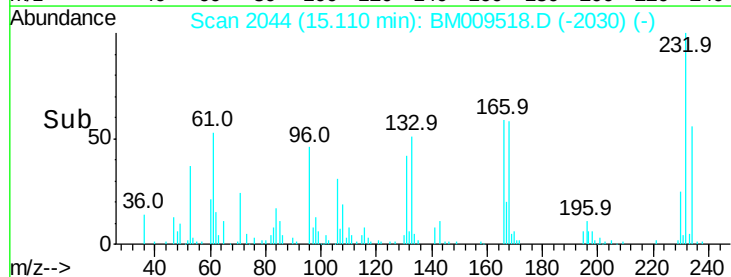
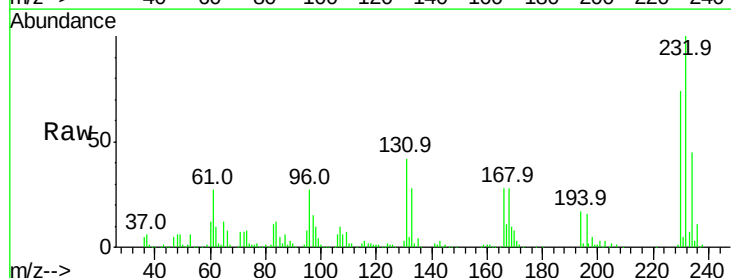
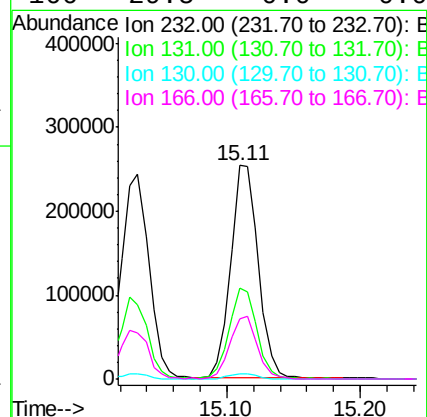
Ion Ratio Lower Upper

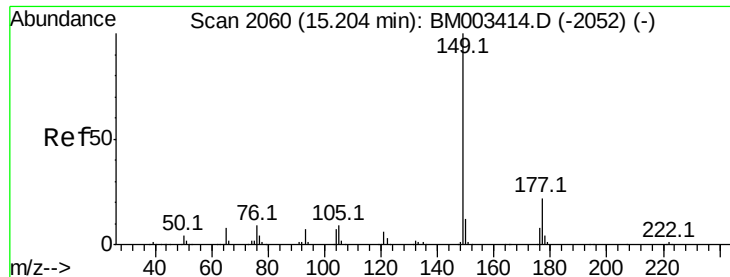
232 100

131 43.3 0.0 0.0#

130 2.4 0.0 0.0#

166 29.5 0.0 0.0#





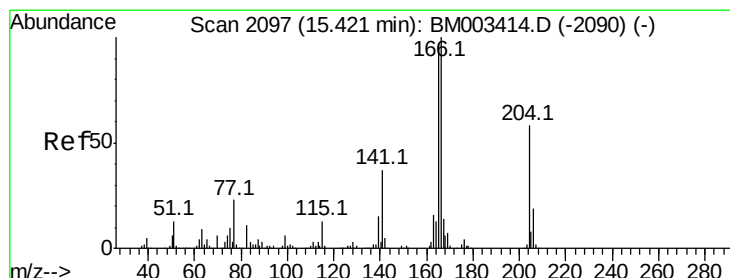
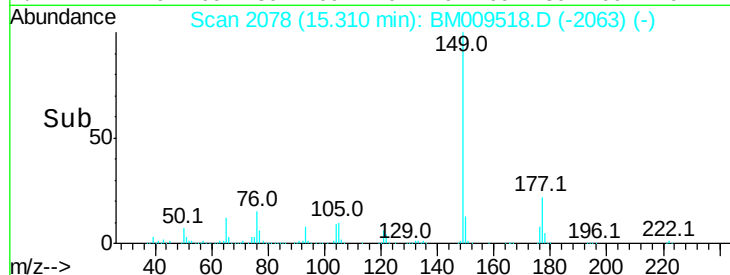
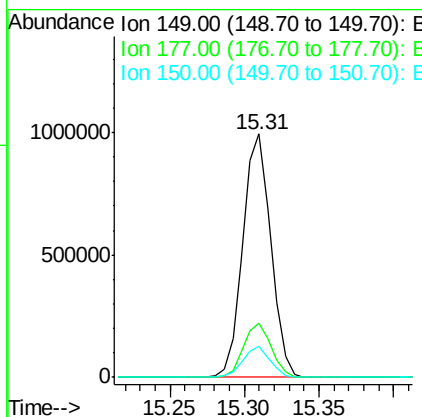
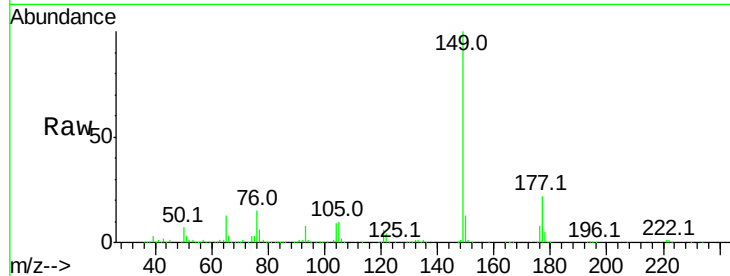
#59
Diethylphthalate
Concen: 56.55 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.3	27.5
150	12.7	9.8	14.8

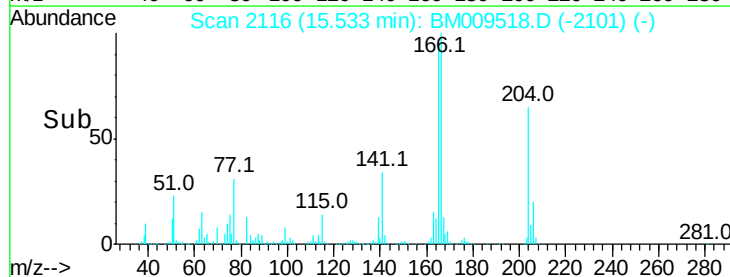
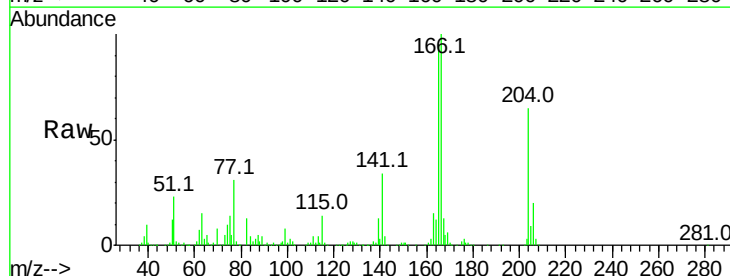
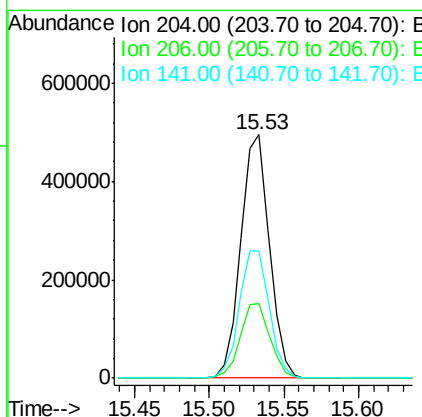
Manual Integrations
APPROVED

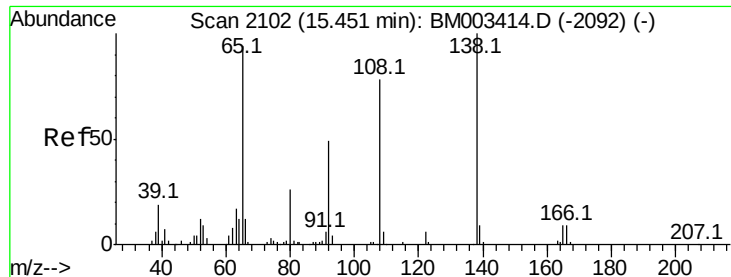
mohammad
4/4/2017 5:33:27 PM



#60
4-Chlorophenyl-phenylether
Concen: 51.26 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.6	26.6	39.8
141	52.4	45.2	67.8





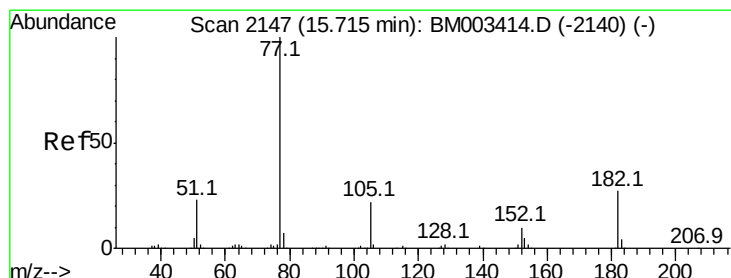
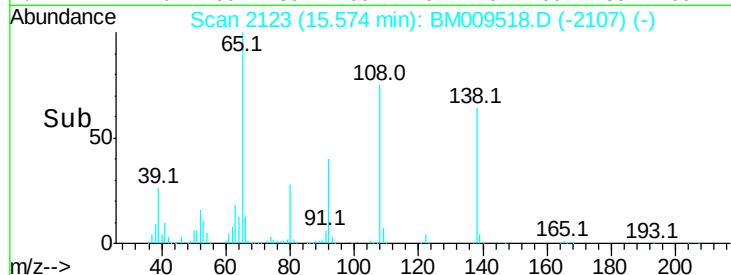
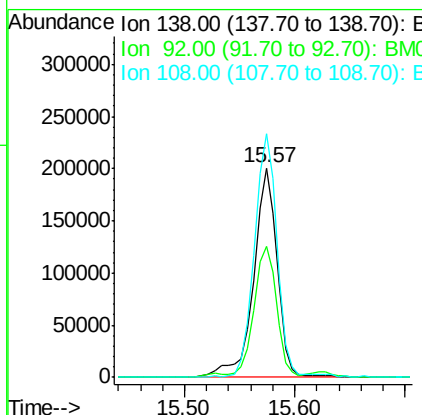
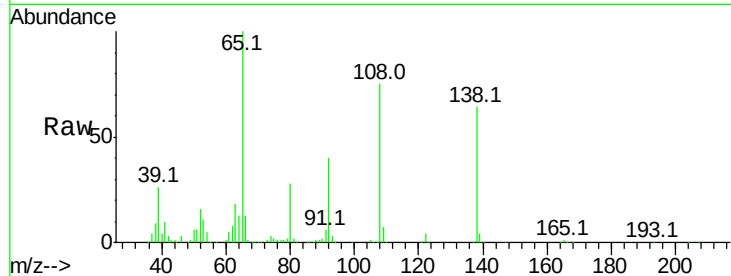
#61
4-Nitroaniline
Concen: 58.62 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	62.7	16.7	56.7#
108	116.3	37.6	77.6#

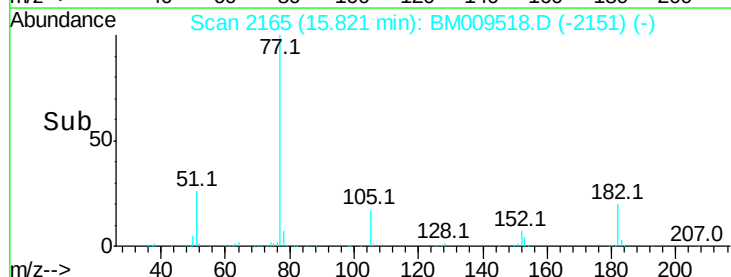
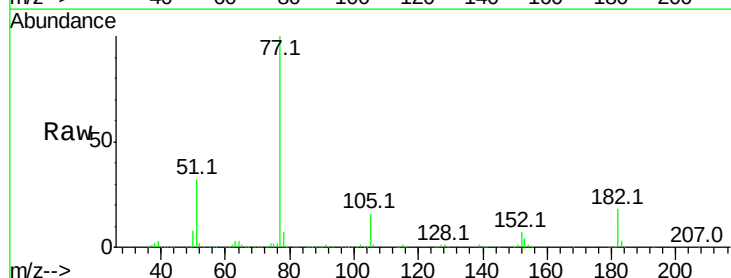
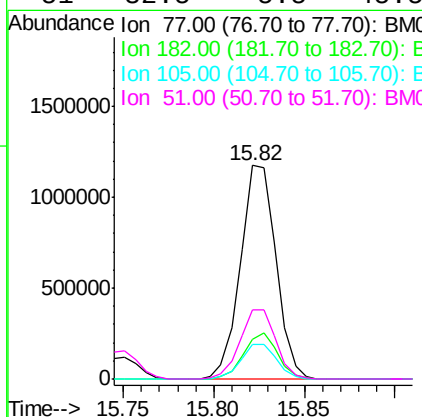
Manual Integrations
APPROVED

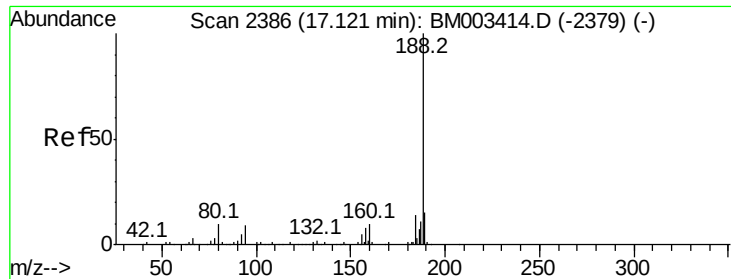
mohammad
4/4/2017 5:33:27 PM



#62
Azobenzene
Concen: 60.48 ng
RT: 15.82 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.5	6.5	46.5
105	16.1	3.8	43.8
51	32.5	5.5	45.5





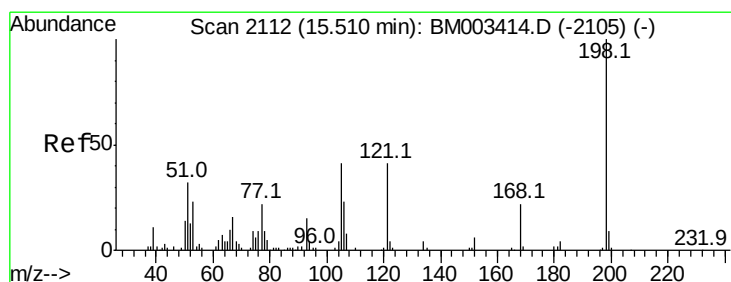
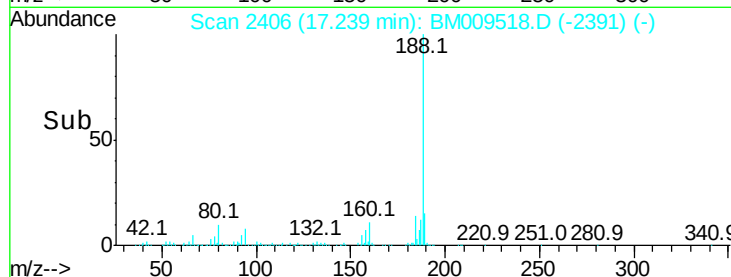
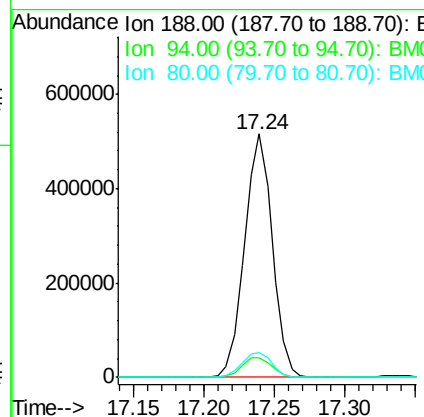
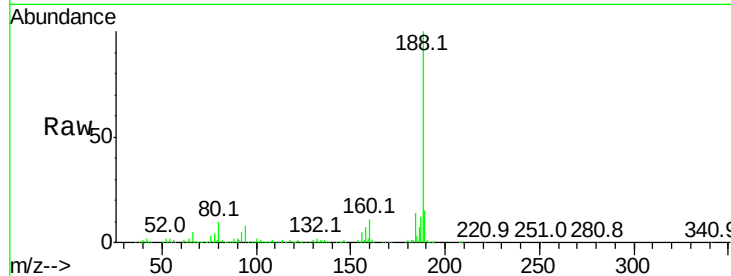
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.3		8.7	13.1#
80	10.1		9.3	13.9

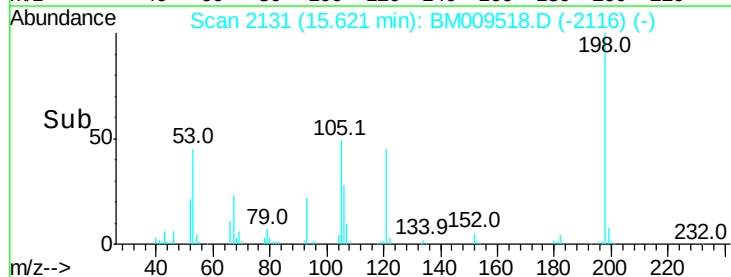
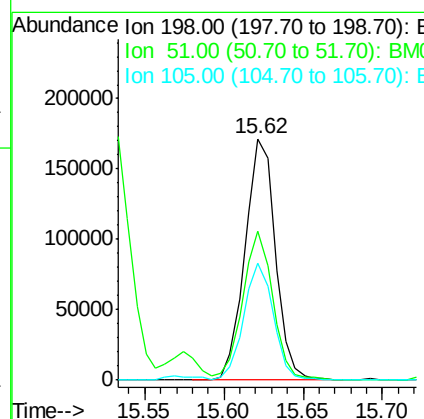
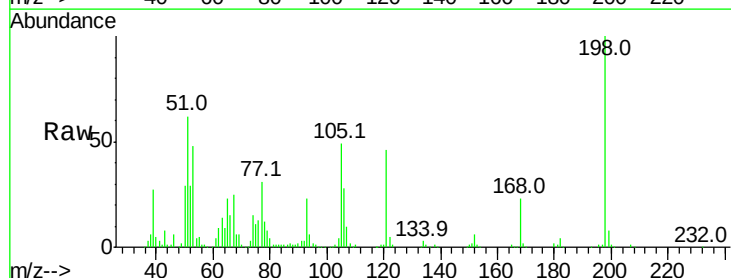
Manual Integrations
APPROVED

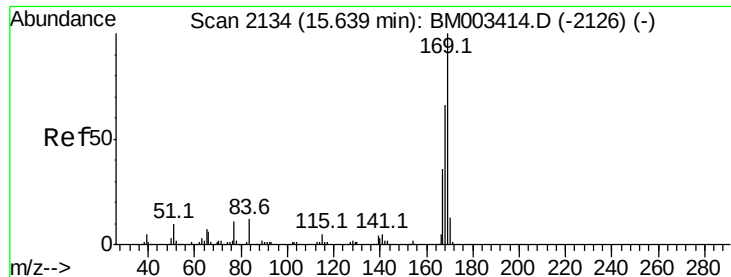
mohammad
4/4/2017 5:33:27 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 51.24 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	61.7		28.8	68.8
105	48.6		30.5	70.5





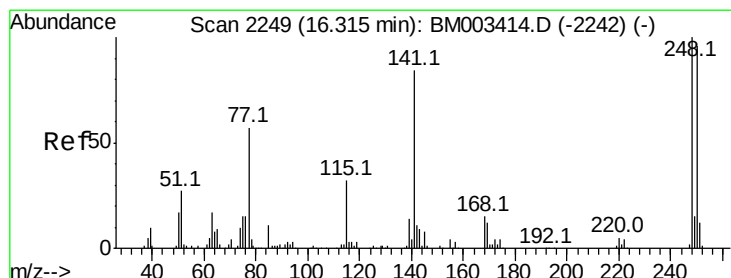
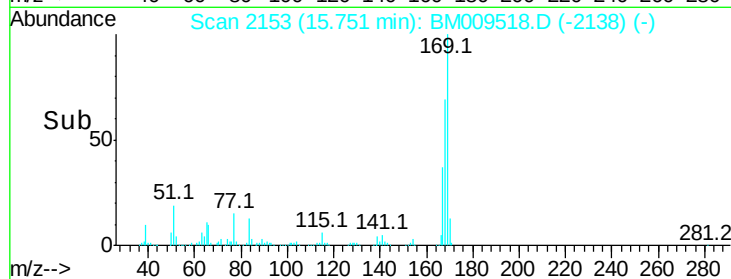
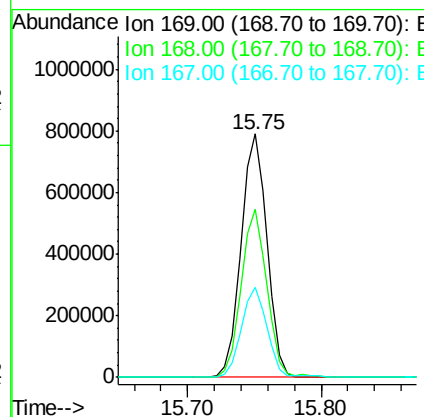
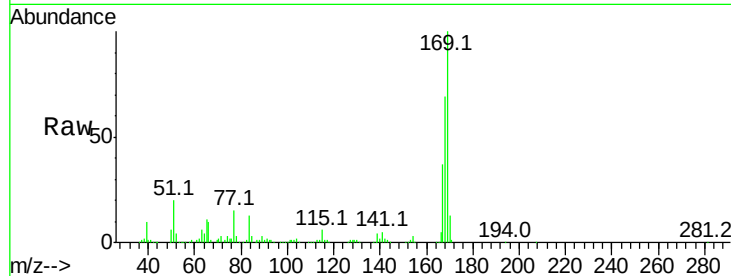
#65
n-Nitrosodiphenylamine
Concen: 49.12 ng
RT: 15.75 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion:169 Resp: 1056014
Ion Ratio Lower Upper
169 100
168 69.0 53.9 80.9
167 36.9 28.9 43.3

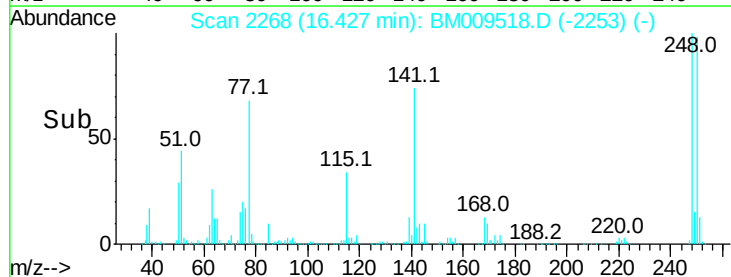
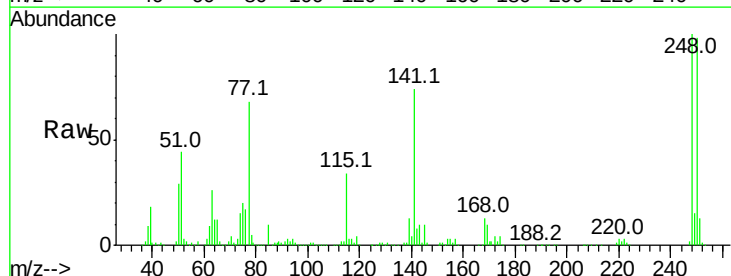
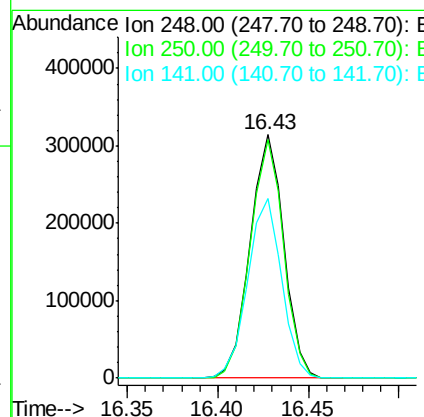
Manual Integrations
APPROVED

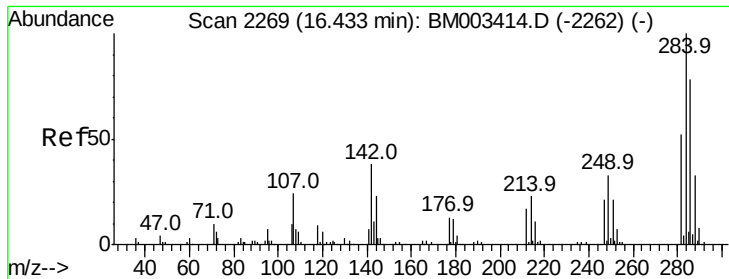
mohammad
4/4/2017 5:33:27 PM



#66
4-Bromophenyl-phenylether
Concen: 49.69 ng
RT: 16.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion:248 Resp: 407528
Ion Ratio Lower Upper
248 100
250 98.1 77.4 116.0
141 73.9 45.2 67.8#





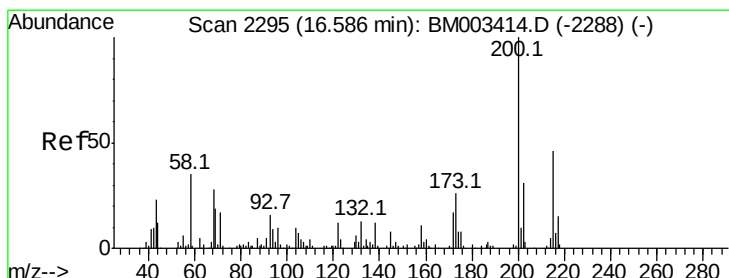
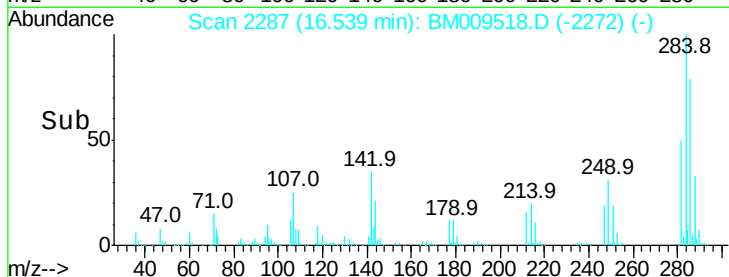
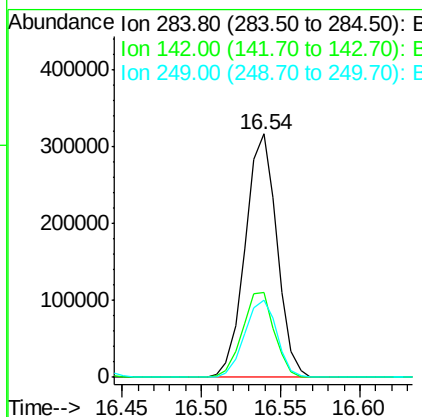
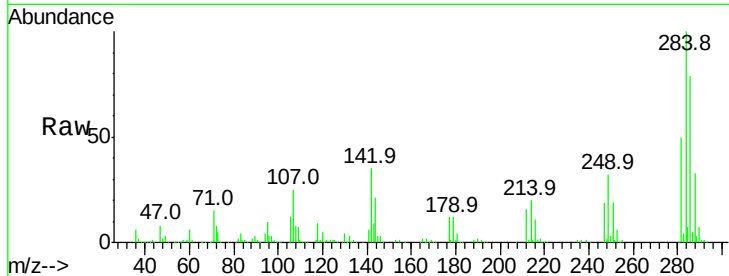
#67
Hexachlorobenzene
Concen: 48.87 ng
RT: 16.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	439274		
142	34.6	20.4	30.6	
249	31.6	23.8	35.6	

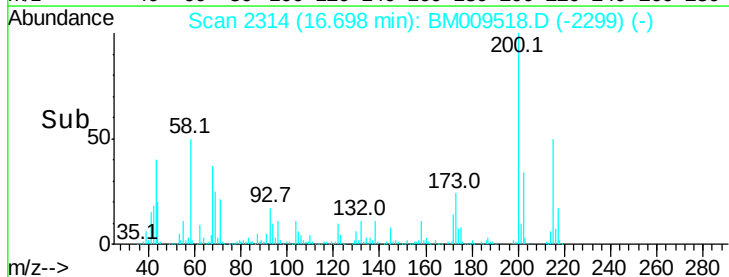
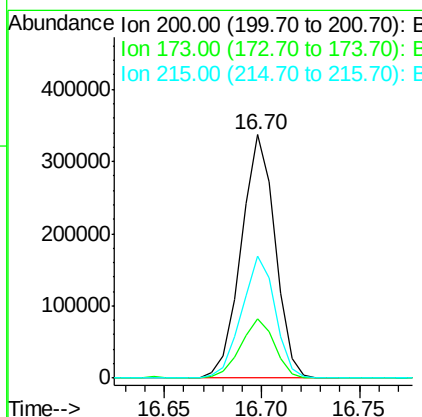
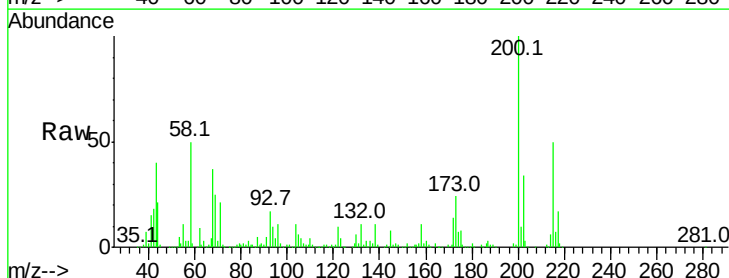
Manual Integrations
APPROVED

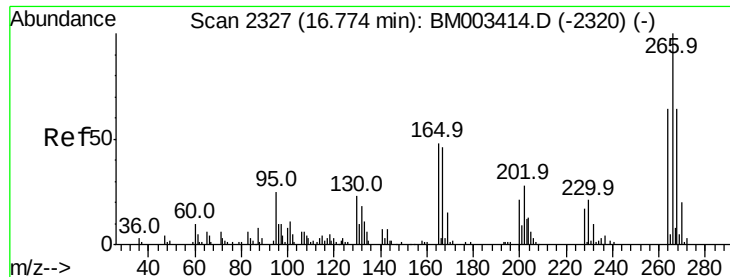
mohammad
4/4/2017 5:33:27 PM



#68
Atrazine
Concen: 50.26 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	406388		
173	24.4	4.8	44.8	
215	50.1	26.9	66.9	





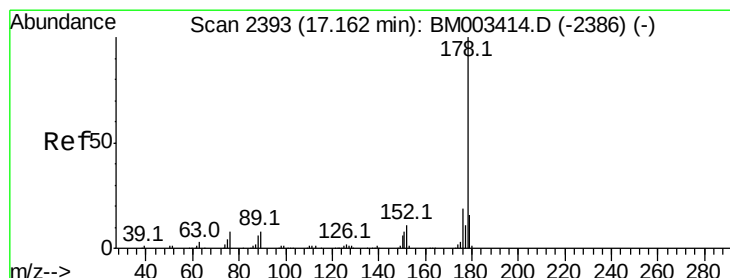
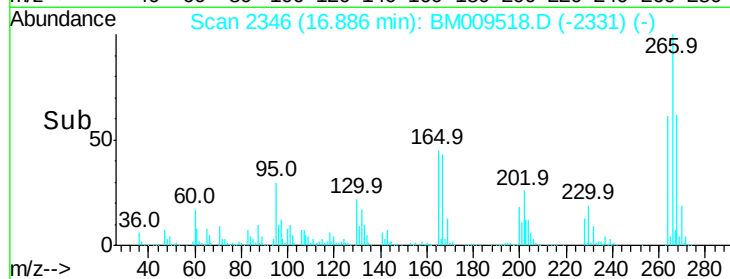
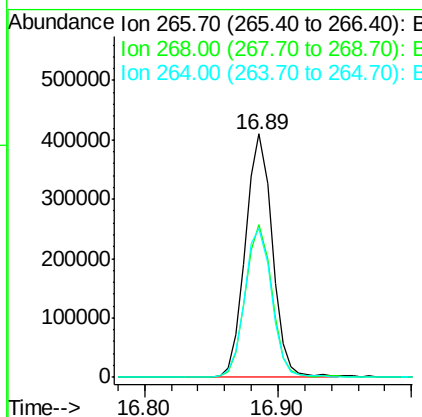
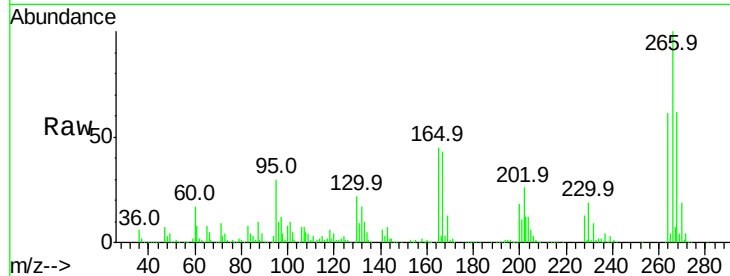
#69
 Pentachlorophenol
 Concen: 103.85 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	570235		
268	62.5	52.0	78.0	
264	61.1	49.0	73.4	

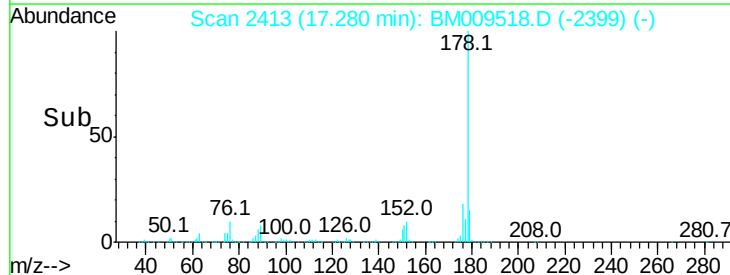
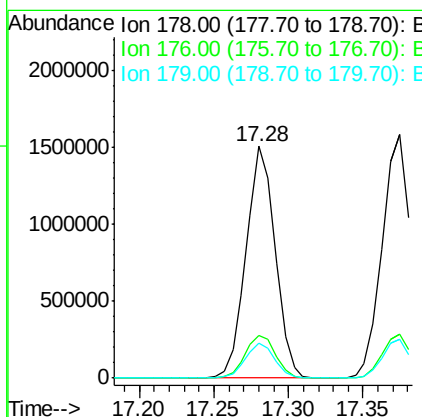
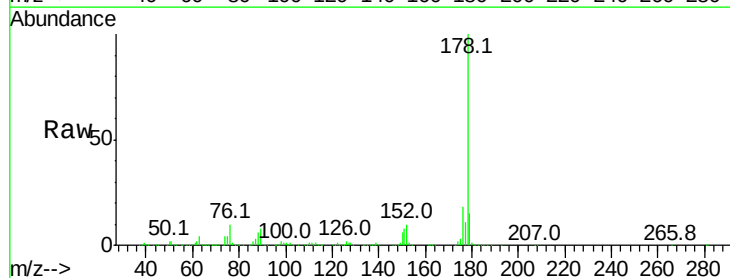
Manual Integrations
 APPROVED

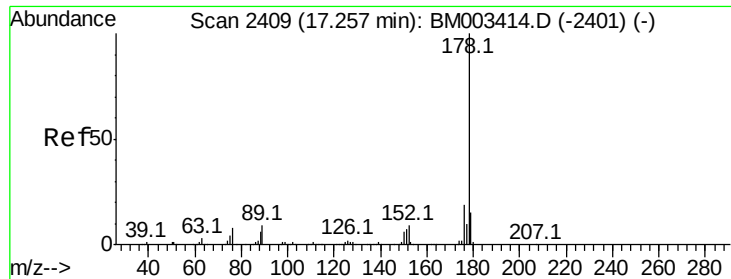
mohammad
 4/4/2017 5:33:27 PM



#70
 Phenanthrene
 Concen: 49.94 ng
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2021351		
176	18.3	15.2	22.8	
179	15.2	12.1	18.1	





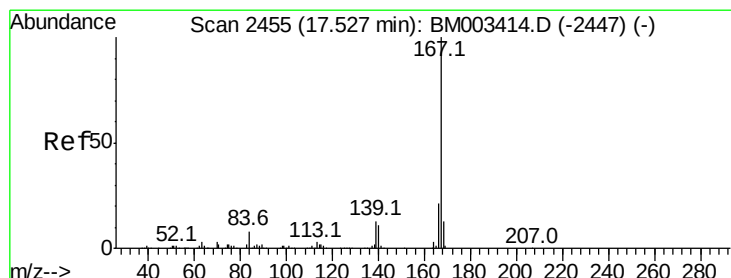
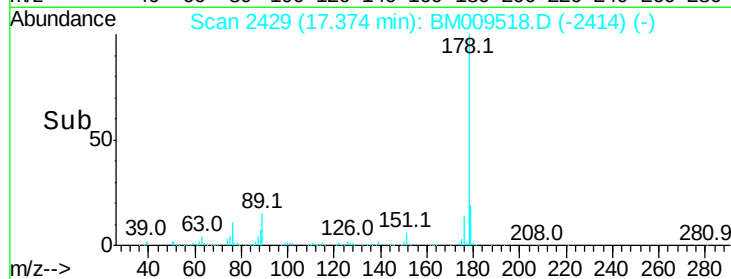
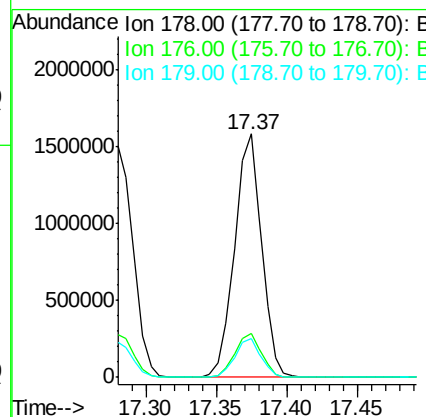
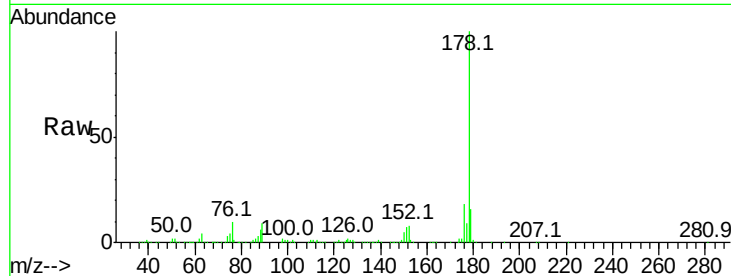
#71
 Anthracene
 Concen: 51.49 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.8	12.6	19.0

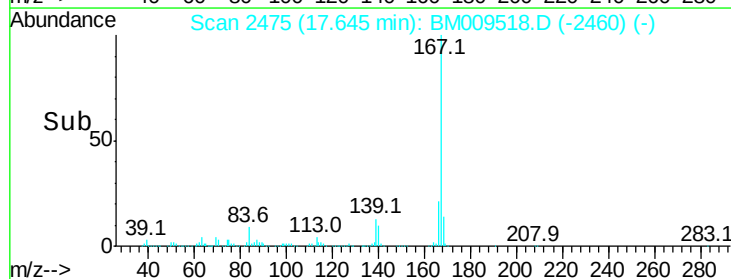
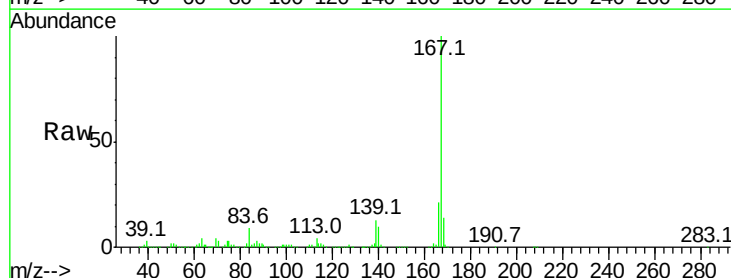
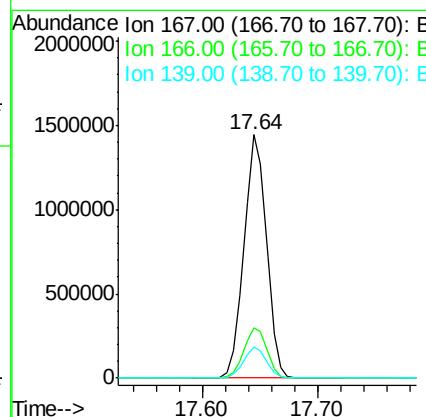
Manual Integrations
 APPROVED

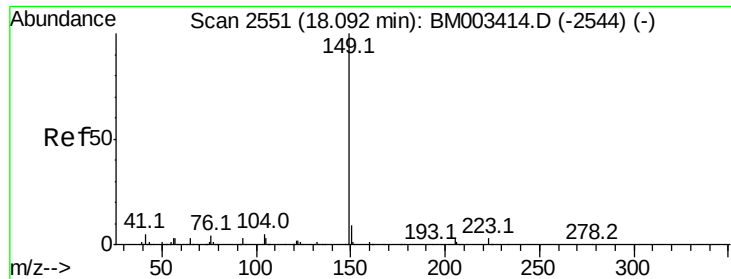
mohammad
 4/4/2017 5:33:27 PM



#72
 Carbazole
 Concen: 49.84 ng
 RT: 17.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.2	25.8
139	12.9	10.8	16.2





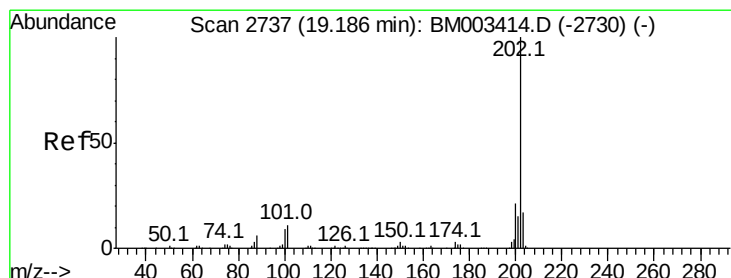
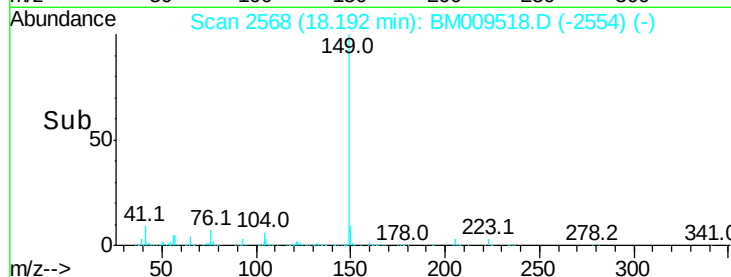
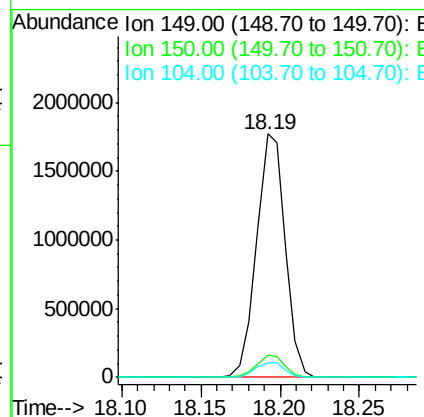
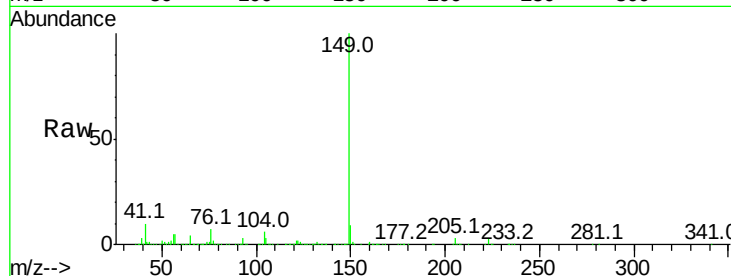
#73
Di-n-butylphthalate
Concen: 55.39 ng
RT: 18.19 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	6.2	3.7	5.5

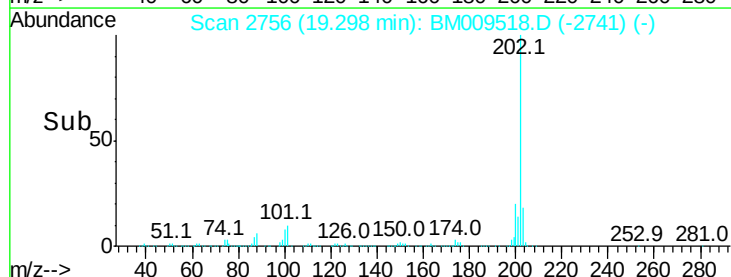
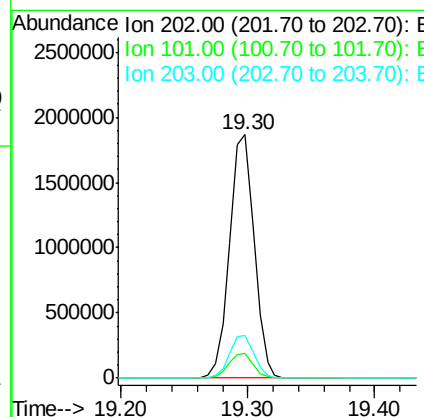
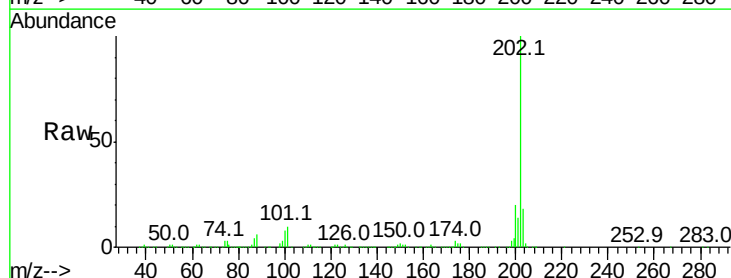
Manual Integrations
APPROVED

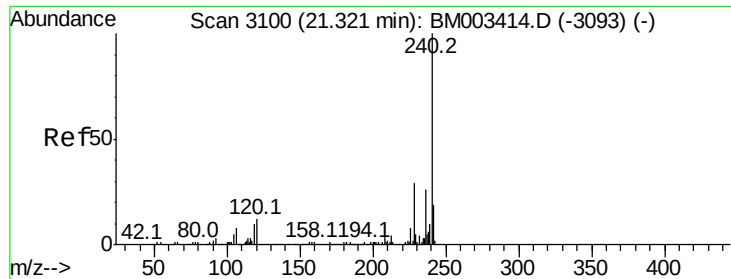
mohammad
4/4/2017 5:33:27 PM



#74
Fluoranthene
Concen: 52.13 ng
RT: 19.30 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	28.7
203	17.7	0.0	37.2





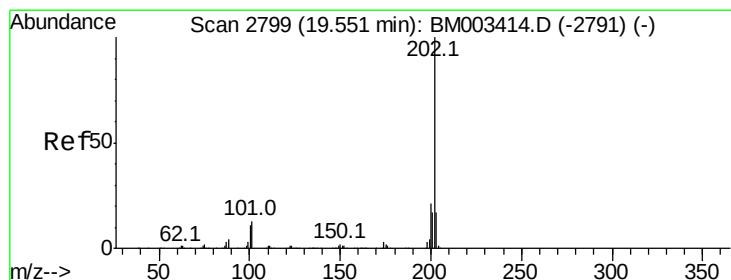
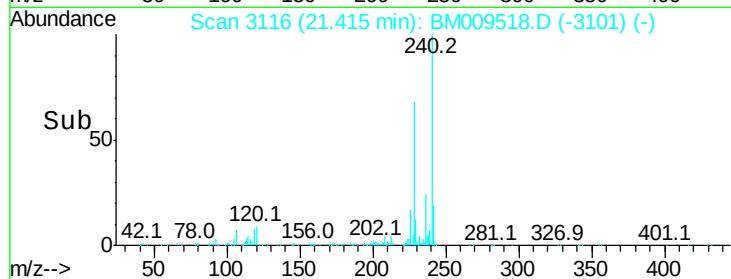
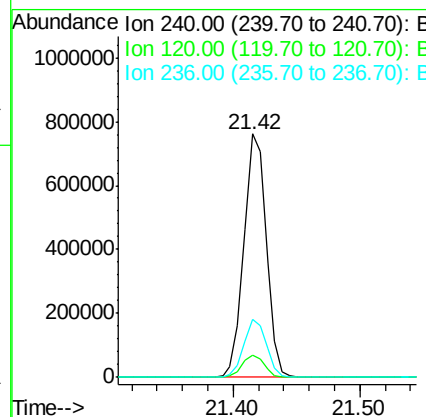
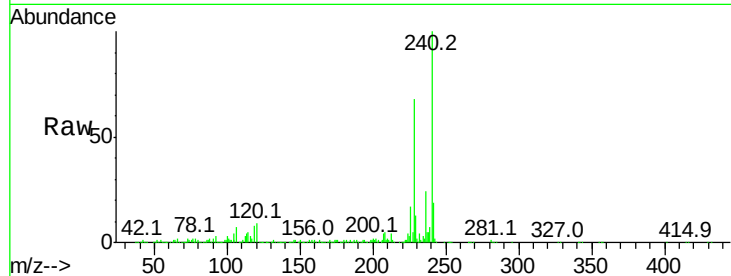
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.42 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Instrument :
 BNA_M
 ClientSampleId :
 B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.2	12.2
236	23.8	20.0	30.0

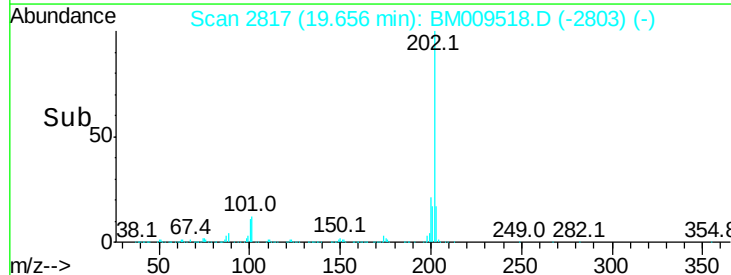
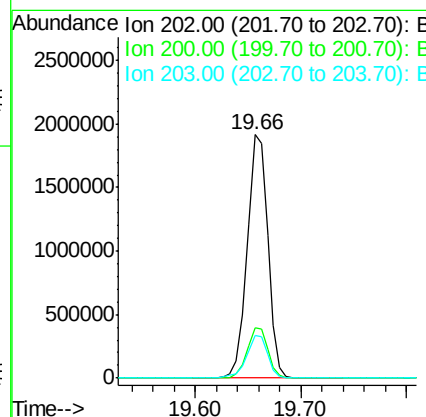
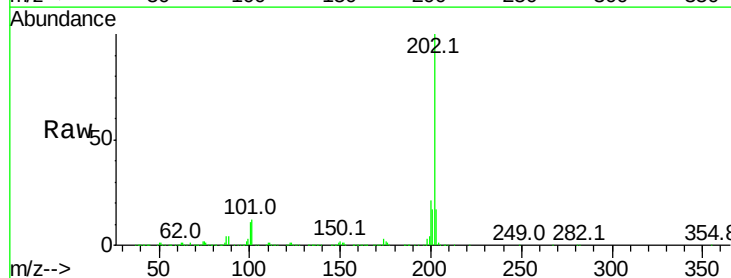
Manual Integrations
 APPROVED

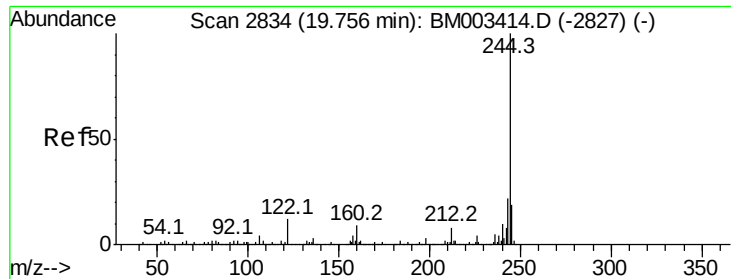
mohammad
 4/4/2017 5:33:27 PM



#77
 Pyrene
 Concen: 49.09 ng
 RT: 19.66 min Scan# 2817
 Delta R.T. -0.02 min
 Lab File: BM009518.D
 Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.3	14.1	21.1





#78

Terphenyl-d14

Concen: 81.33 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

Tot Ion:244 Resp: 3611365

Ion Ratio Lower Upper

244 100

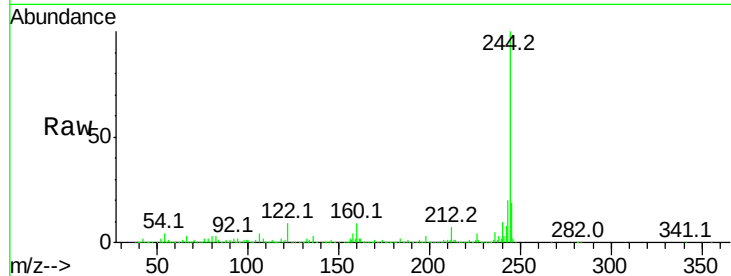
212 7.2 4.9 7.3

122 9.2 6.2 9.4

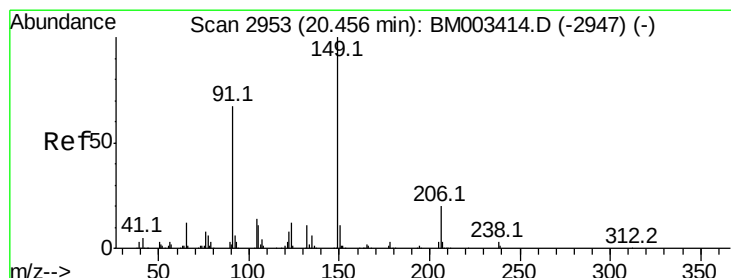
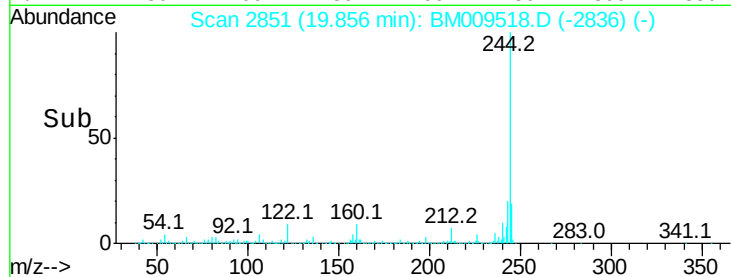
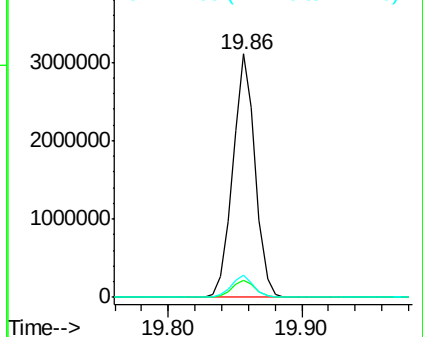
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 56.44 ng

RT: 20.54 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

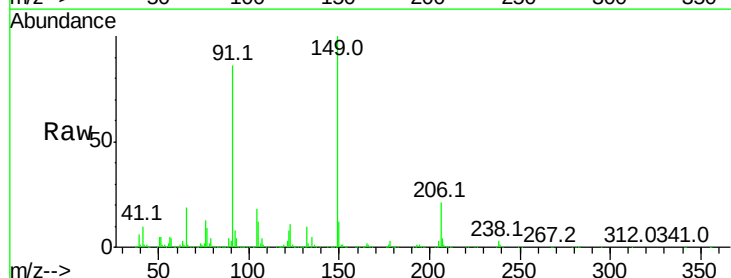
Tgt Ion:149 Resp: 1069653

Ion Ratio Lower Upper

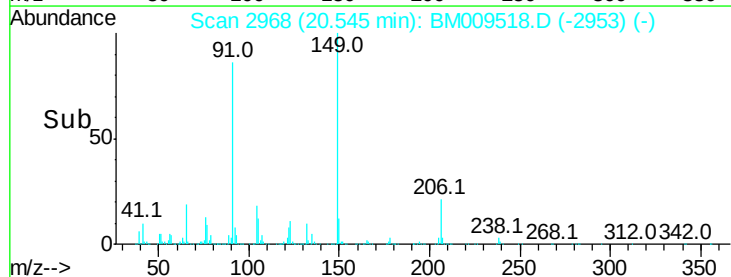
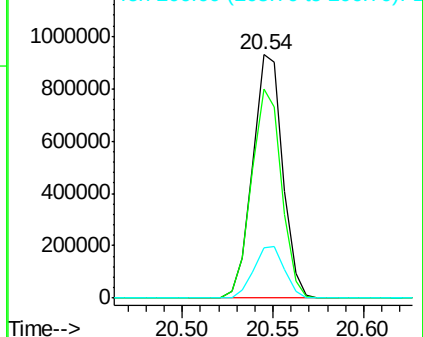
149 100

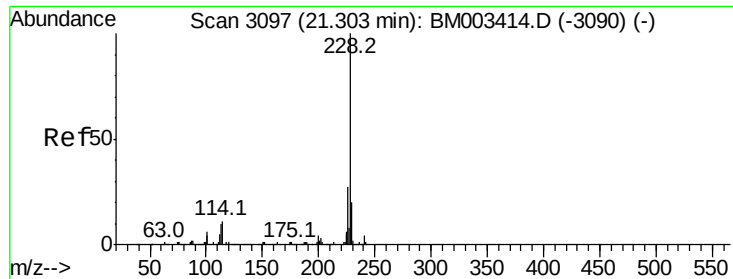
91 85.9 50.1 75.1#

206 20.8 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): E
Ion 206.00 (205.70 to 206.70): E





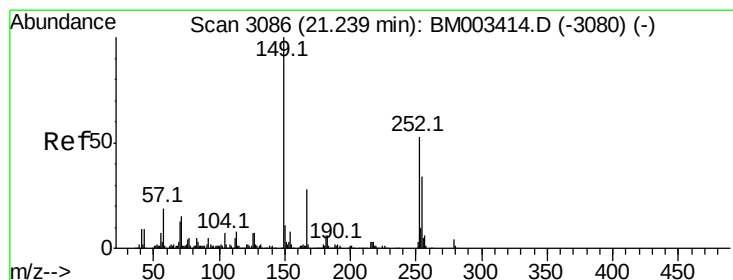
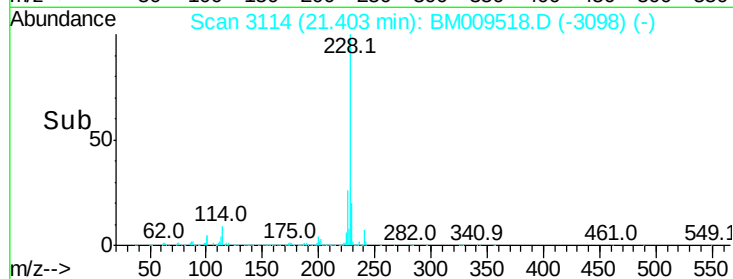
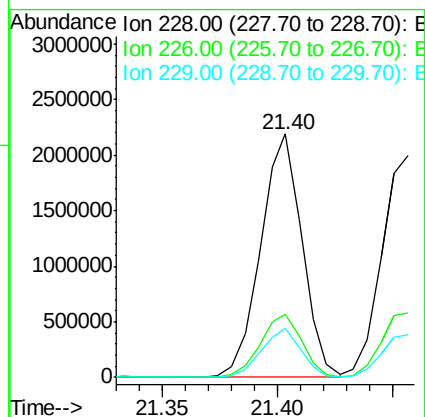
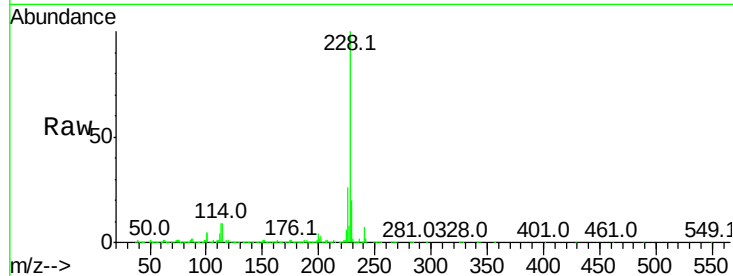
#80
Benzo(a)anthracene
Concen: 50.21 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.7	32.5
229	20.0	16.0	24.0

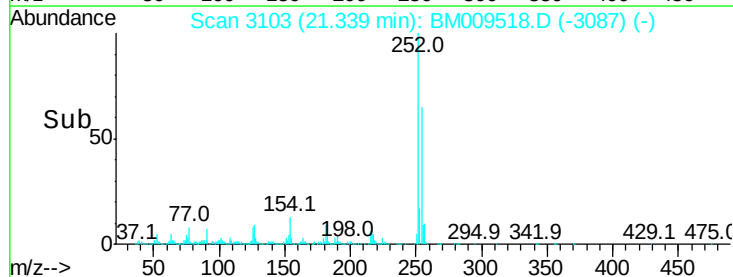
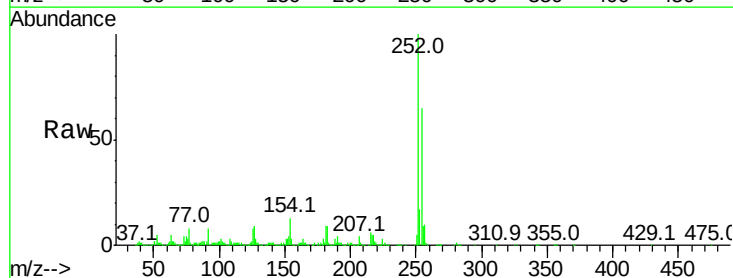
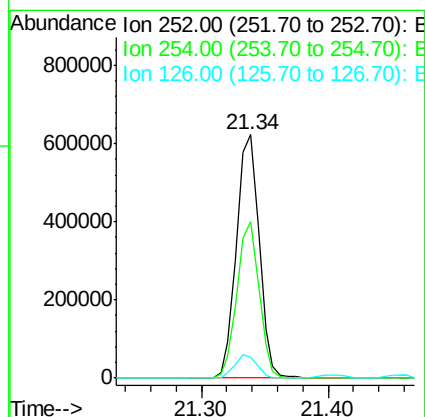
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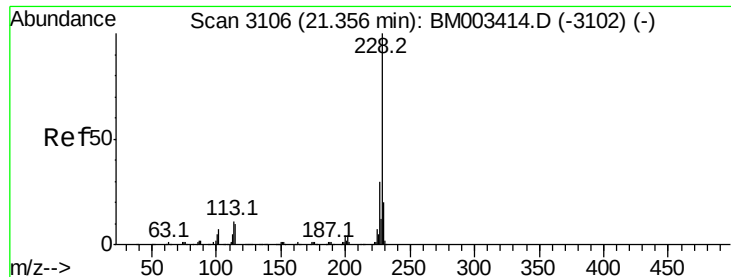
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 37.89 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.9	77.9
126	8.5	9.8	14.8#





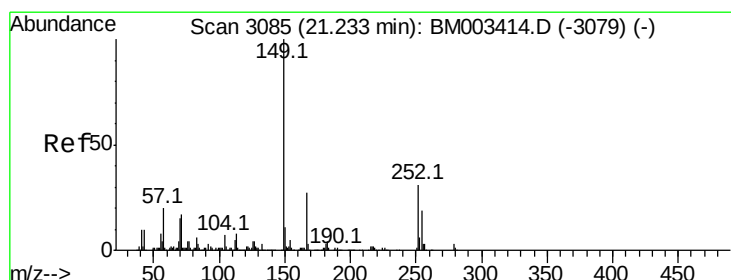
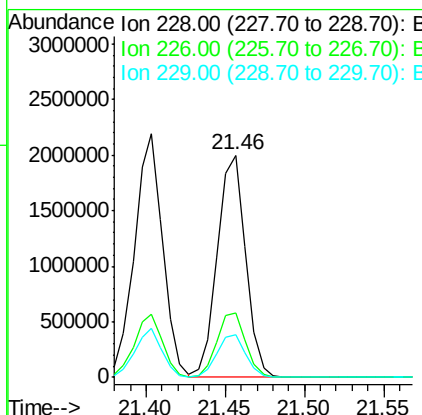
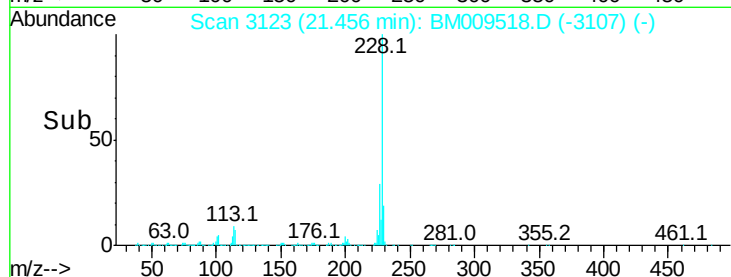
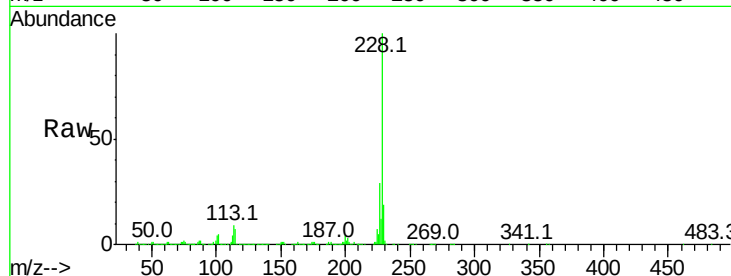
#82
Chrysene
Concen: 47.80 ng
RT: 21.46 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion:228 Resp: 2473327
Ion Ratio Lower Upper
228 100
226 29.1 24.1 36.1
229 19.0 15.5 23.3

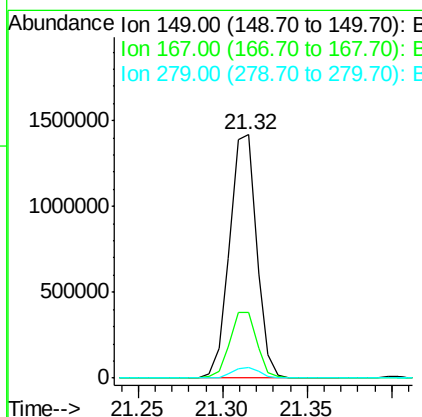
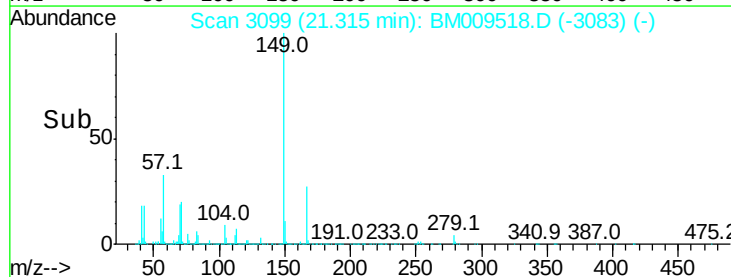
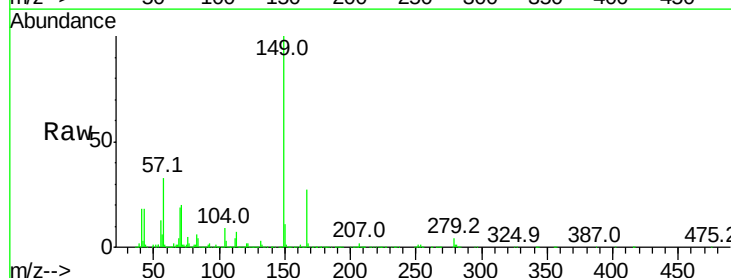
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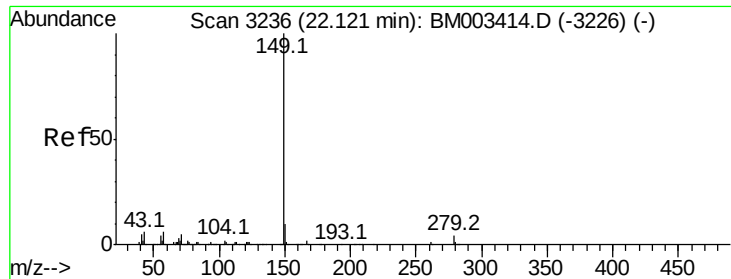
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#83
Bis(2-ethylhexyl)phthalate
Concen: 55.86 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion:149 Resp: 1579652
Ion Ratio Lower Upper
149 100
167 26.9 22.4 33.6
279 4.4 3.4 5.0





#84

Di-n-octyl phthalate

Concen: 58.50 ng

RT: 22.22 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :

BNA_M

ClientSampleId :

B-10-S2(2.5-3.0)MSD

Tot Ion:149 Resp: 2753026

Ion Ratio Lower Upper

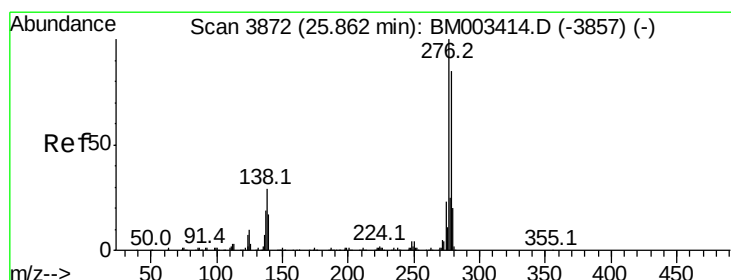
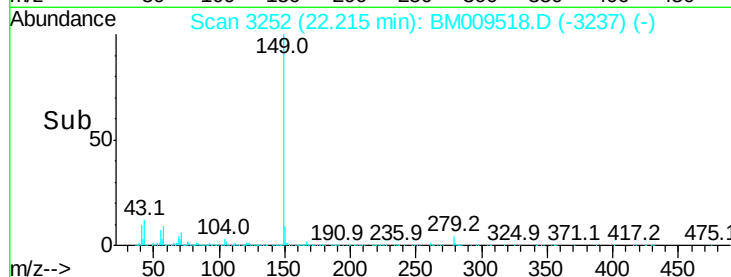
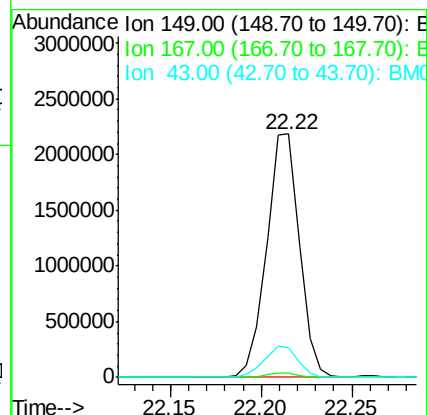
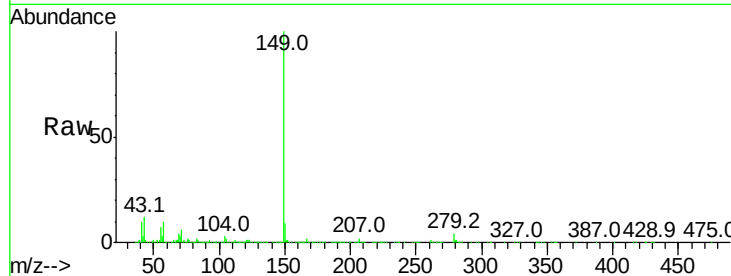
149 100

167 1.7 1.2 1.8

43 13.0 7.3 10.9#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 51.55 ng

RT: 26.11 min Scan# 3914

Delta R.T. -0.02 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

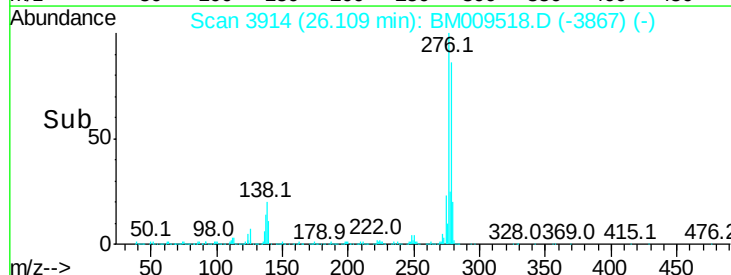
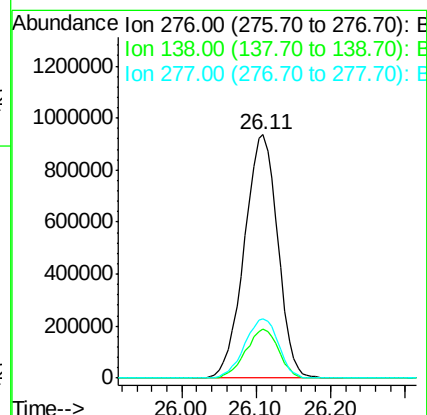
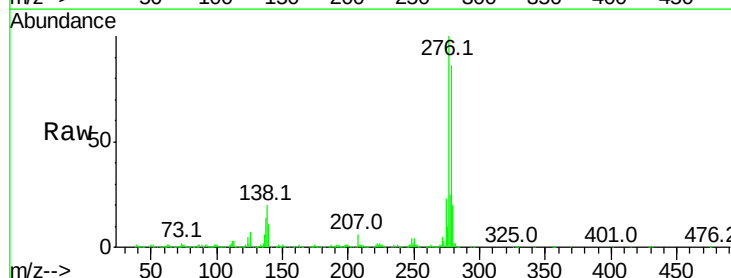
Tgt Ion:276 Resp: 2909049

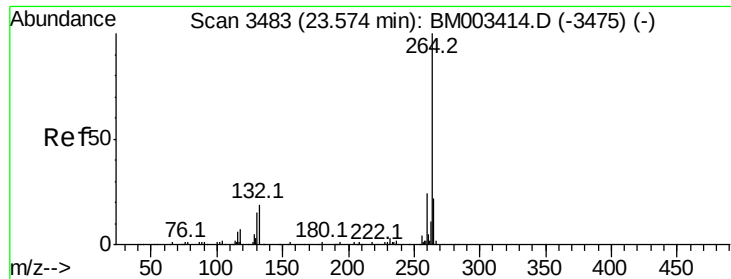
Ion Ratio Lower Upper

276 100

138 19.9 0.0 0.0#

277 24.9 0.0 0.0#





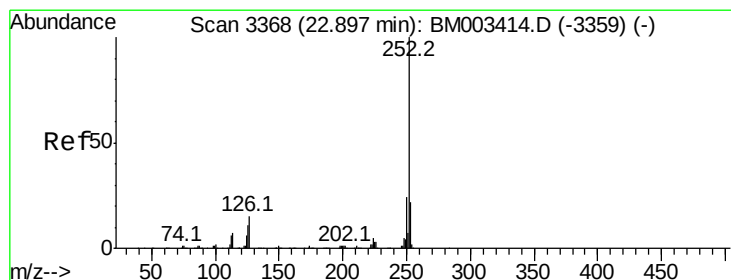
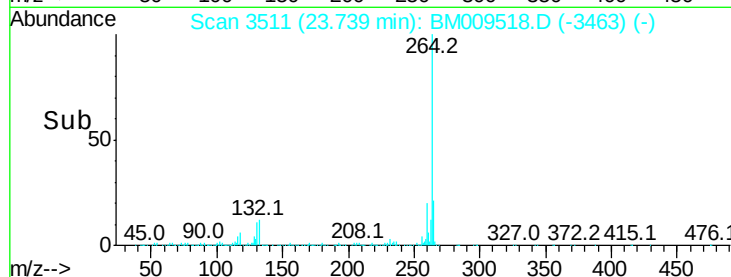
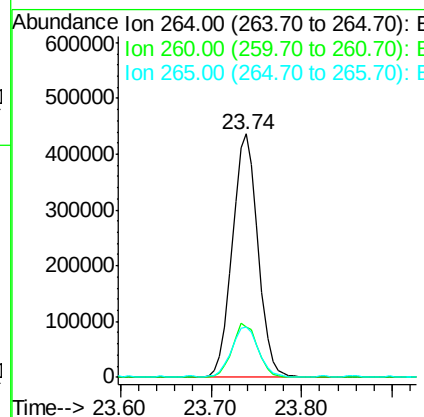
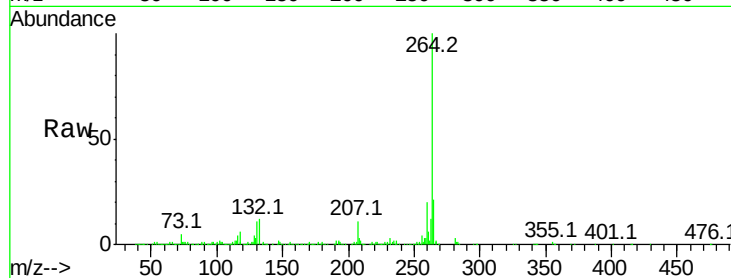
#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.5	18.6	27.8
265	20.9	17.3	25.9

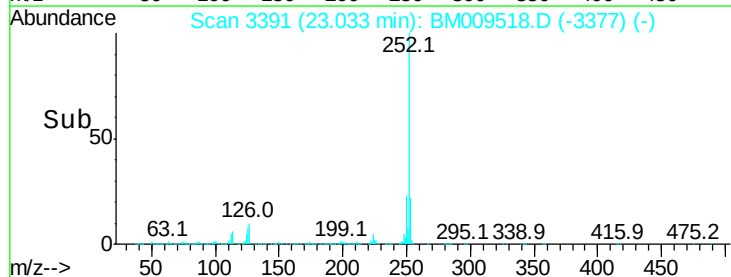
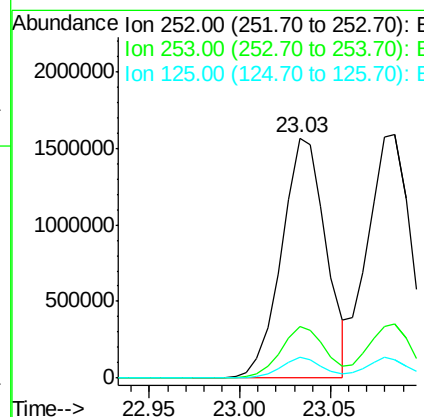
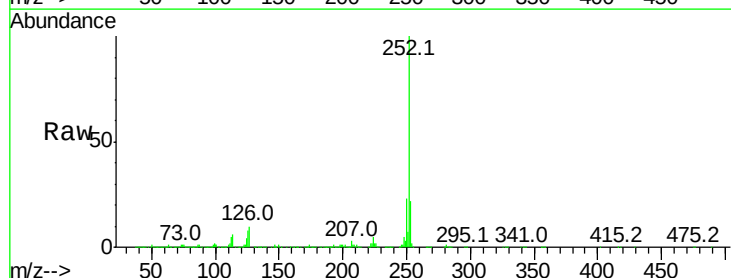
Manual Integrations
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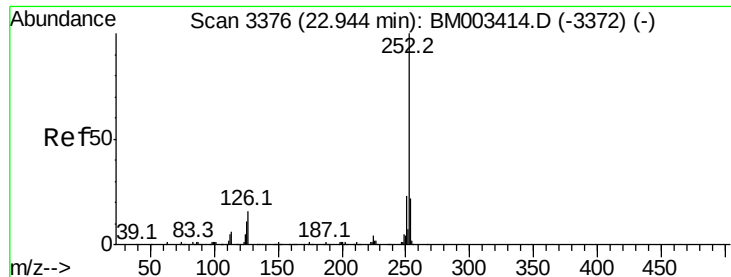
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#87
Benzo(b)fluoranthene
Concen: 49.28 ng
RT: 23.03 min Scan# 3391
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	8.4	9.9	14.9#





#88

Benzo(k)fluoranthene

Concen: 50.60 ng m

RT: 23.09 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Instrument :
BNA_M

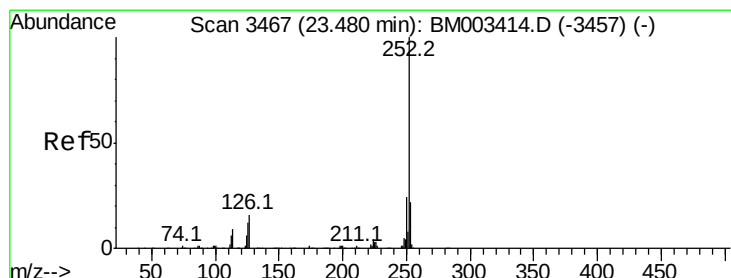
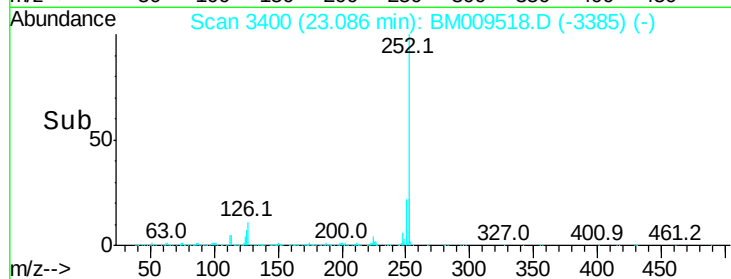
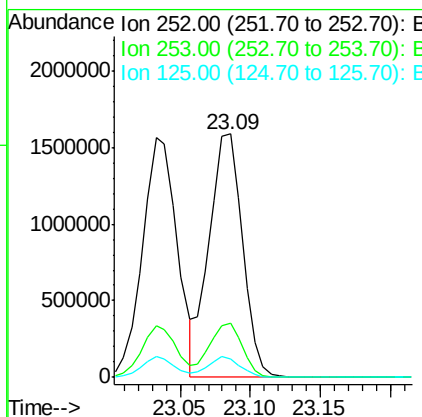
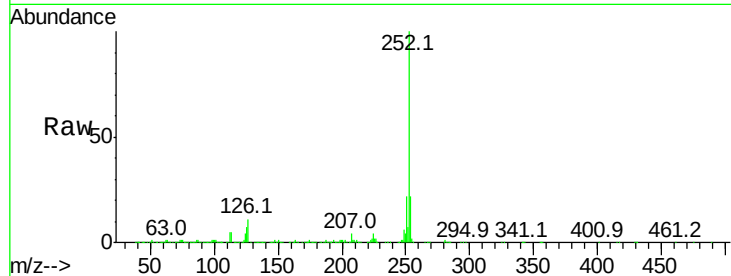
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion:252 Resp: 2644538

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	7.3	8.1	12.1#

Manual Integrations
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#89

Benzo(a)pyrene

Concen: 50.76 ng

RT: 23.64 min Scan# 3494

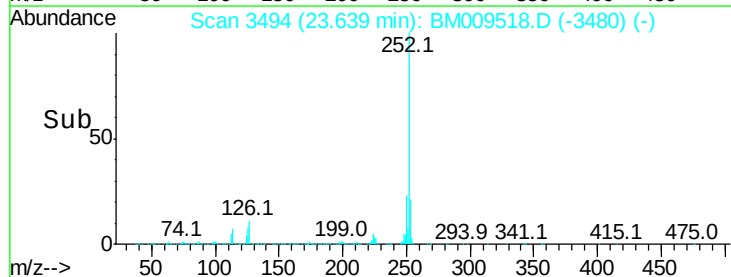
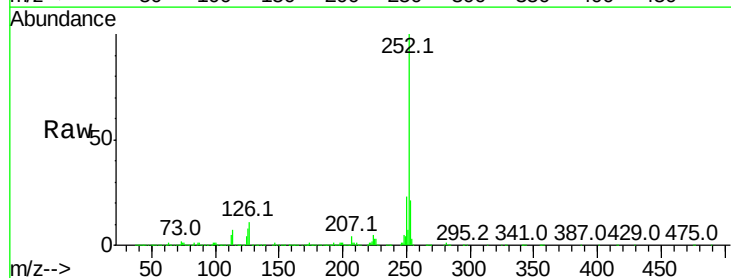
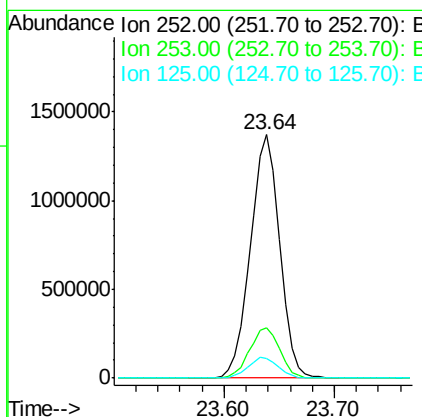
Delta R.T. -0.02 min

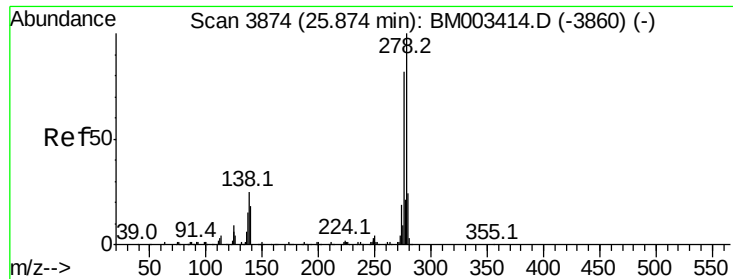
Lab File: BM009518.D

Acq: 04 Apr 2017 01:53

Tgt Ion:252 Resp: 2554433

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.6	26.4
125	8.3	7.4	11.2





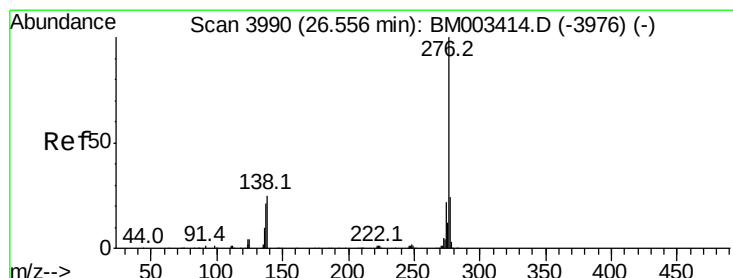
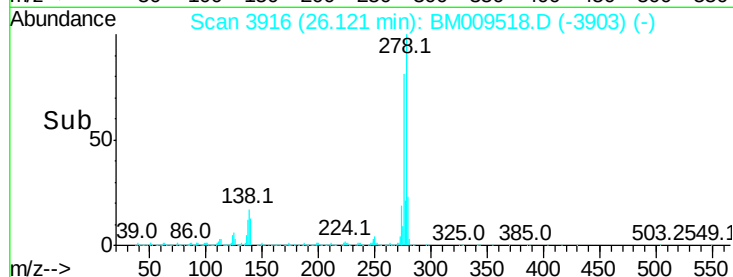
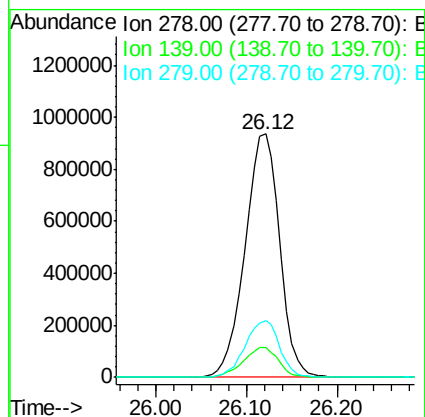
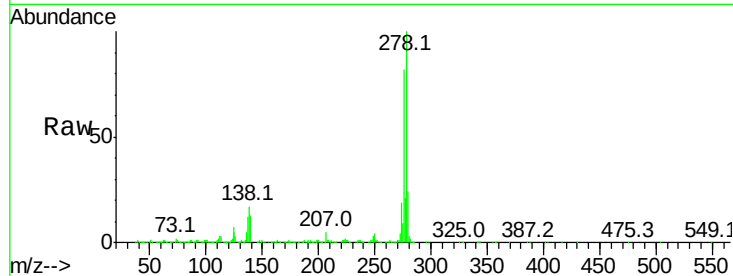
#90
Dibenzo(a,h)anthracene
Concen: 50.27 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Instrument :
BNA_M
ClientSampleId :
B-10-S2(2.5-3.0)MSD

Tot Ion:278 Resp: 2478272
Ion Ratio Lower Upper
278 100
139 12.5 13.4 20.0#
279 23.6 19.0 28.4

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#91
Benzo(g,h,i)perylene
Concen: 48.69 ng
RT: 26.84 min Scan# 4038
Delta R.T. -0.02 min
Lab File: BM009518.D
Acq: 04 Apr 2017 01:53

Tgt Ion:276 Resp: 2339907
Ion Ratio Lower Upper
276 100
277 23.8 18.5 27.7
138 16.4 19.0 28.6#

