

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
 Data File : BM009462.D
 Acq On : 30 Mar 2017 21:57
 Operator : SJ/MA
 Sample : PB97933BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BS

Manual Integrations
 APPROVED

mohammad
 3/31/2017 2:12:04 PM

Quant Time: Mar 31 08:56:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	100340	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	394052	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	241092	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	574006	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	780586	20.00	ng	0.00
86) Perylene-d12	23.74	264	750396	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	830889	138.03	ng	-0.01
7) Phenol-d6	7.01	99	1140707	138.96	ng	-0.01
23) Nitrobenzene-d5	9.02	82	848209	80.71	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	439459	146.73	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1626132	81.27	ng	-0.01
78) Terphenyl-d14	19.86	244	2622170	70.20	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	104667	34.58	ng	# 100
3) Pyridine	3.75	79	321784	37.62	ng	# 82
4) n-Nitrosodimethylamine	3.67	42	198486	43.59	ng	# 62
6) Aniline	7.18	93	205317	18.40	ng	# 88
8) 2-Chlorophenol	7.41	128	278189	45.58	ng	# 80
9) Benzaldehyde	7.00	77	70959	10.98	ng	92
10) Phenol	7.03	94	402697	45.27	ng	94
11) bis(2-Chloroethyl)ether	7.27	93	295824	40.58	ng	85
12) 1,3-Dichlorobenzene	7.73	146	297082	40.65	ng	# 89
13) 1,4-Dichlorobenzene	7.88	146	308106	40.80	ng	# 92
14) 1,2-Dichlorobenzene	8.20	146	295837	40.35	ng	95
15) Benzyl Alcohol	8.09	79	326833	45.54	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.38	45	500056	39.46	ng	97
17) 2-Methylphenol	8.28	107	254149	43.67	ng	# 85
18) Hexachloroethane	8.92	117	126758	41.04	ng	# 87
19) n-Nitroso-di-n-propylamine	8.65	70	282782	42.73	ng	89
20) 3+4-Methylphenols	8.61	107	345738	43.69	ng	90
22) Acetophenone	8.67	105	462126	41.58	ng	# 91
24) Nitrobenzene	9.06	77	423597	41.14	ng	90
25) Isophorone	9.57	82	683339	42.62	ng	# 90
26) 2-Nitrophenol	9.76	139	132786	42.76	ng	# 32
27) 2,4-Dimethylphenol	9.82	122	260454	45.85	ng	# 82
28) bis(2-Chloroethoxy)methane	10.06	93	411131	41.42	ng	100
29) 2,4-Dichlorophenol	10.29	162	274434	46.21	ng	92
30) 1,2,4-Trichlorobenzene	10.51	180	306223	41.56	ng	99
31) Naphthalene	10.70	128	859451	41.09	ng	99
32) Benzoic acid	9.93	122	136012	35.20	ng	# 65
33) 4-Chloroaniline	10.82	127	91435	11.33	ng	# 79
34) Hexachlorobutadiene	10.97	225	199843	39.61	ng	96
35) Caprolactam	11.59	113	83069m	45.81	ng	
36) 4-Chloro-3-methylphenol	11.93	107	317366	47.23	ng	# 78
37) 2-Methylnaphthalene	12.30	142	626215	43.38	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	356572	39.17	ng	# 100
40) Hexachlorocyclopentadiene	12.65	237	454675	87.03	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	233757	44.91	nq	99
43) 2,4,5-Trichlorophenol	12.99	196	243945	42.01	nq	# 88
45) 1,1'-Biphenyl	13.32	154	832041	41.47	nq	96
46) 2-Chloronaphthalene	13.37	162	664311	42.62	nq	97
47) 2-Nitroaniline	13.58	65	249022	43.37	nq	# 72
48) Acenaphthylene	14.22	152	1035055	40.77	nq	99
49) Dimethylphthalate	13.95	163	814347	43.99	nq	# 98
50) 2,6-Dinitrotoluene	14.07	165	173875	43.59	nq	# 62
51) Acenaphthene	14.56	154	642985	41.98	nq	97
52) 3-Nitroaniline	14.40	138	77125	19.62	nq	# 56
53) 2,4-Dinitrophenol	14.62	184	139155	53.66	nq	91
54) Dibenzofuran	14.89	168	1036971	45.78	nq	95
55) 4-Nitrophenol	14.70	139	299991	92.35	nq	# 16
56) 2,4-Dinitrotoluene	14.86	165	248068	45.97	nq	97
57) Fluorene	15.54	166	842058	41.36	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	235392	47.93	nq	# 100
59) Diethylphthalate	15.31	149	823945	43.88	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	446332	41.99	nq	99
61) 4-Nitroaniline	15.57	138	184169	43.14	nq	# 37
62) Azobenzene	15.83	77	1070808	48.85	nq	85
64) 4,6-Dinitro-2-methylphenol	15.62	198	125322	34.65	nq	86
65) n-Nitrosodiphenylamine	15.75	169	752366	43.15	nq	96
66) 4-Bromophenyl-phenylether	16.43	248	276469	41.57	nq	# 92
67) Hexachlorobenzene	16.54	284	298155	40.90	nq	# 88
68) Atrazine	16.70	200	270393	41.23	nq	96
69) Pentachlorophenol	16.89	266	364118	81.77	nq	98
70) Phenanthrene	17.29	178	1366202	41.62	nq	99
71) Anthracene	17.37	178	1395593	42.00	nq	99
72) Carbazole	17.65	167	1276228	40.10	nq	98
73) Di-n-butylphthalate	18.20	149	1450928	44.63	nq	# 97
74) Fluoranthene	19.30	202	1676944	43.13	nq	98
76) Benzidine	19.49	184	497476	21.38	nq	99
77) Pyrene	19.66	202	1764470	39.86	nq	99
79) Butylbenzylphthalate	20.55	149	696251	43.67	nq	# 76
80) Benzo(a)anthracene	21.40	228	1920338	42.12	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	365217	21.39	nq	97
82) Chrysene	21.46	228	1746006	40.11	nq	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1028009	43.21	nq	97
84) Di-n-octyl phthalate	22.22	149	1876704	47.40	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.11	276	2239111	47.16	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	2019326	42.45	nq	# 94
88) Benzo(k)fluoranthene	23.09	252	1881895	41.14	nq	# 98
89) Benzo(a)pyrene	23.64	252	1885051	42.80	nq	99
90) Dibenzo(a,h)anthracene	26.12	278	1876465	43.49	nq	# 95
91) Benzo(g,h,i)perylene	26.84	276	1844699	43.85	nq	# 91

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

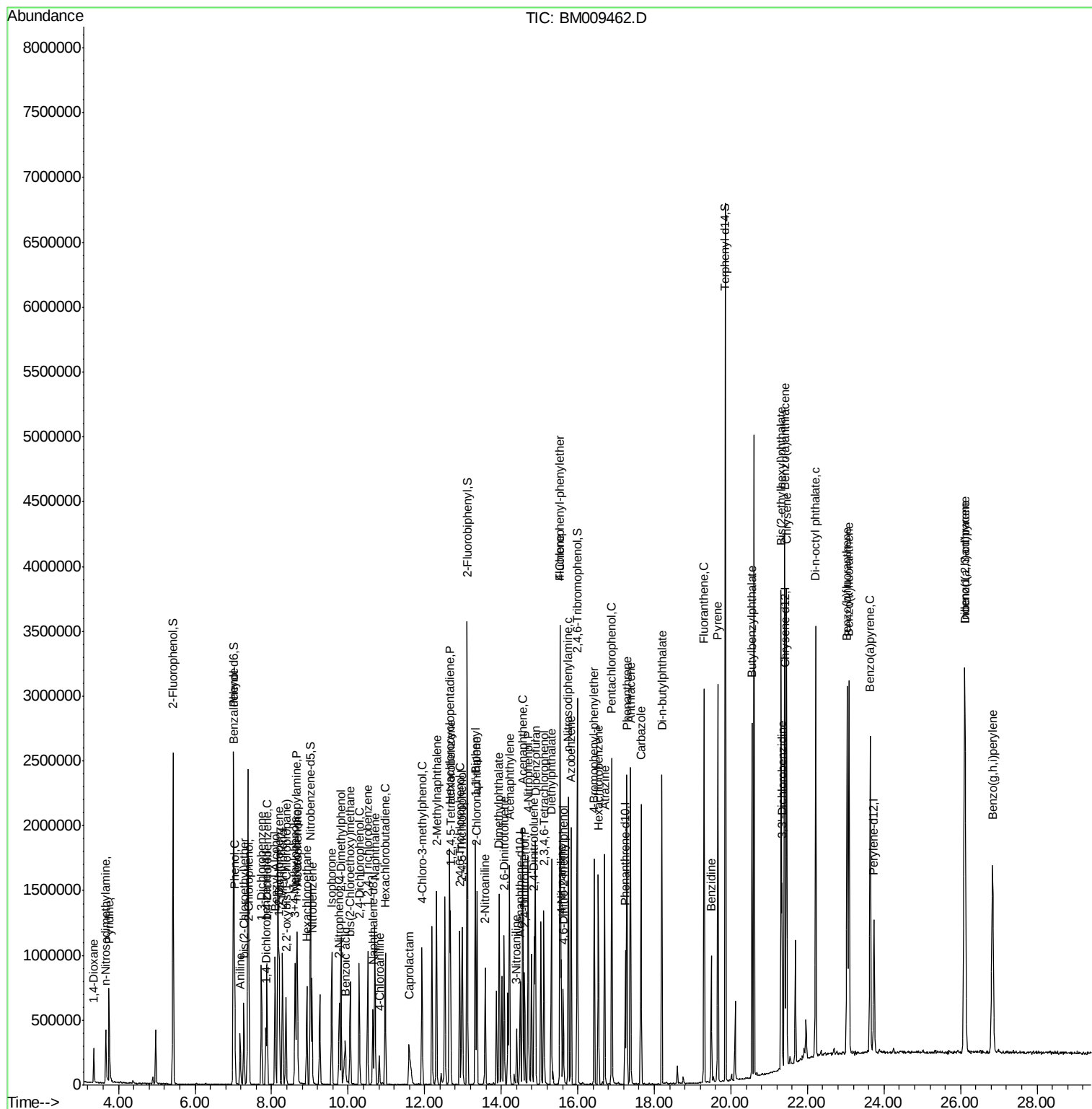
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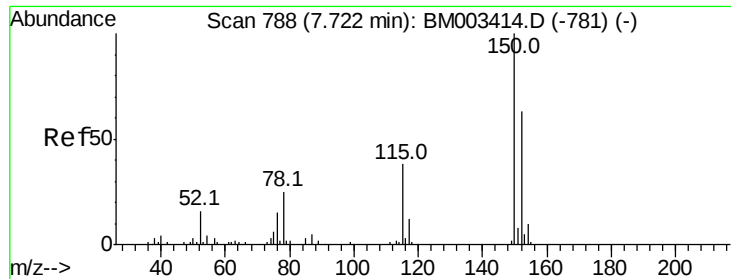
Instrument :
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#1

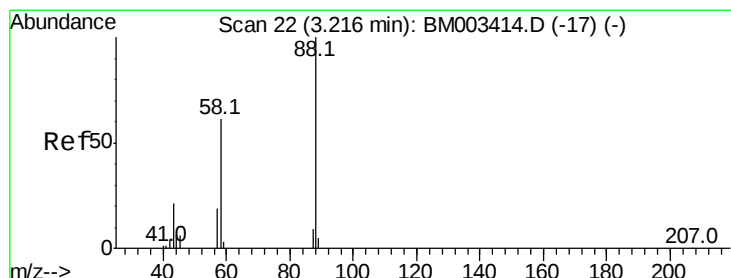
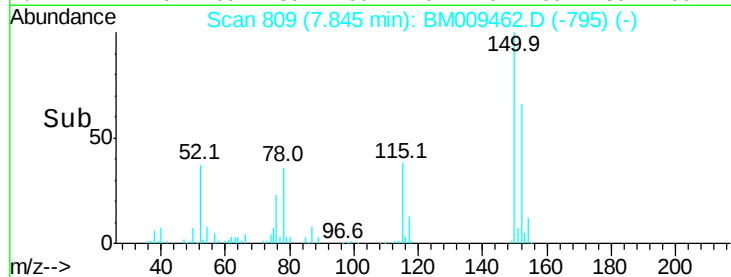
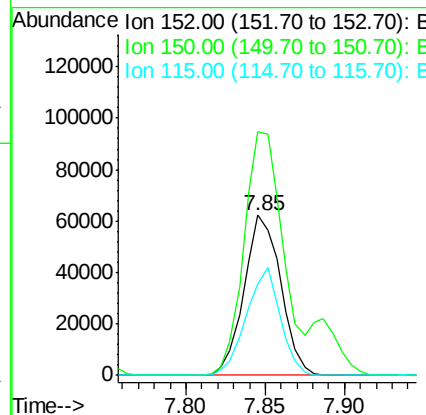
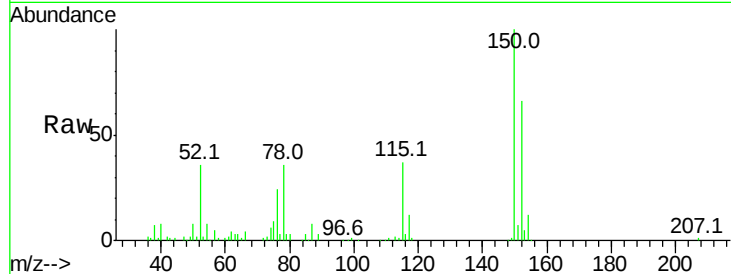
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.5	179.3
115	56.8	43.0	64.4

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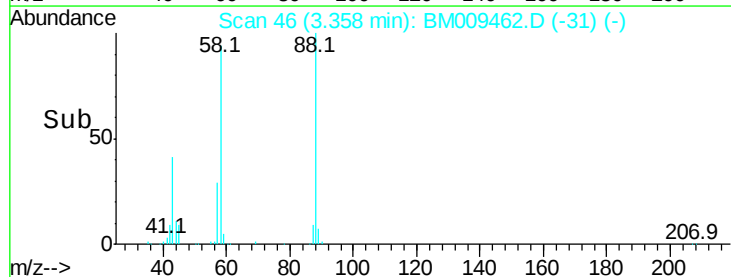
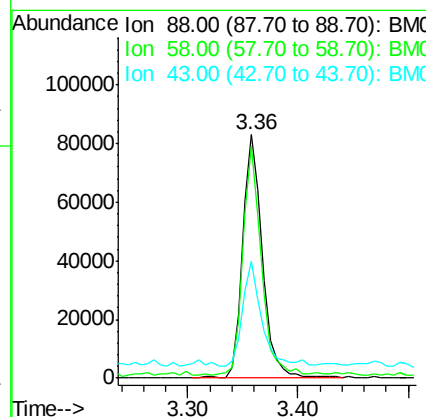
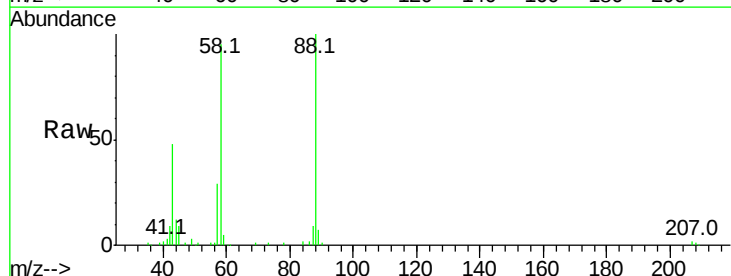
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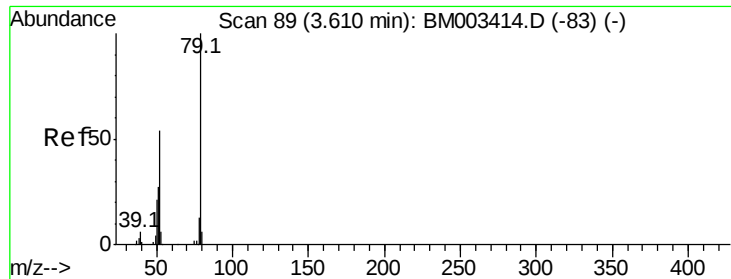


#2

1,4-Dioxane
Concen: 34.58 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.5	0.0	0.0#
43	41.2	0.0	0.0#





#3

Pvridine

Concen: 37.62 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Instrument :

BNA_M

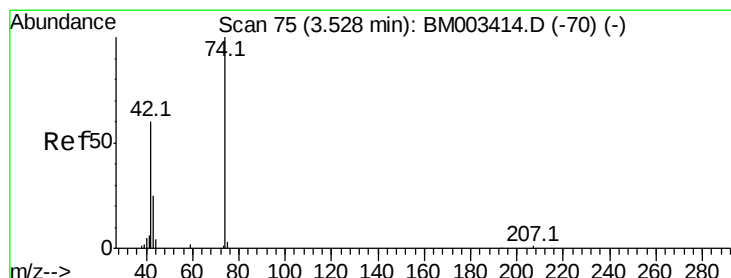
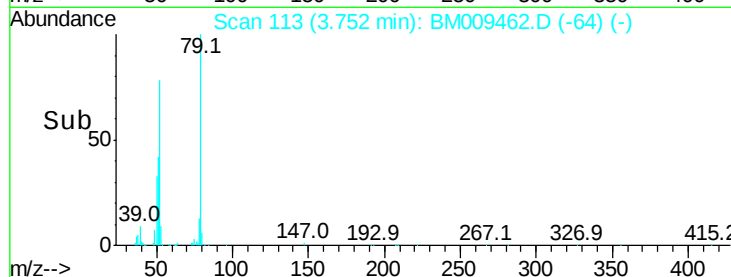
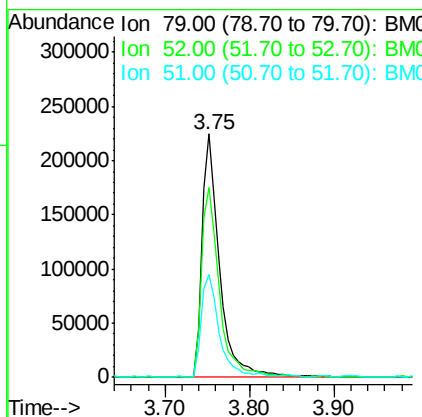
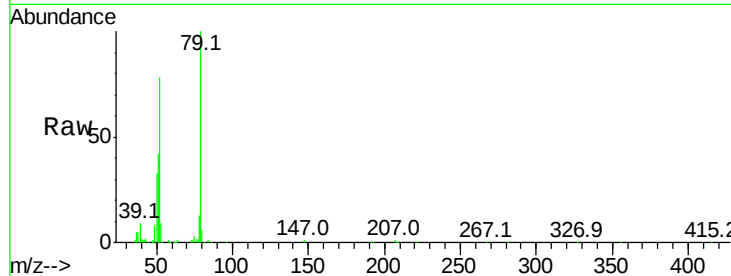
ClientSampleId :

PB97933BS

Tot Ion:	79	Resp:	321784
Ion Ratio	Lower	Upper	
79	100		
52	78.0	51.1	76.7#
51	42.4	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 43.59 ng

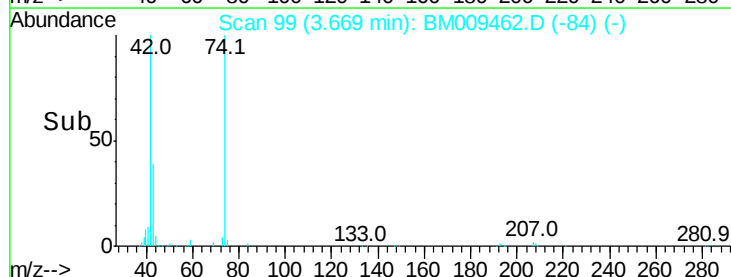
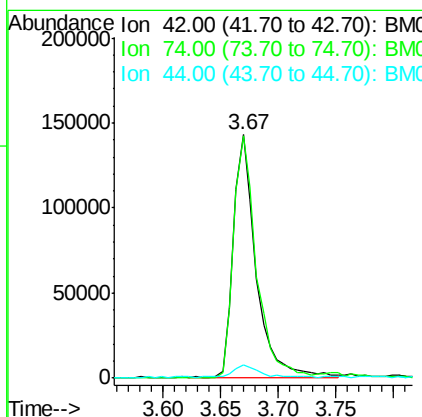
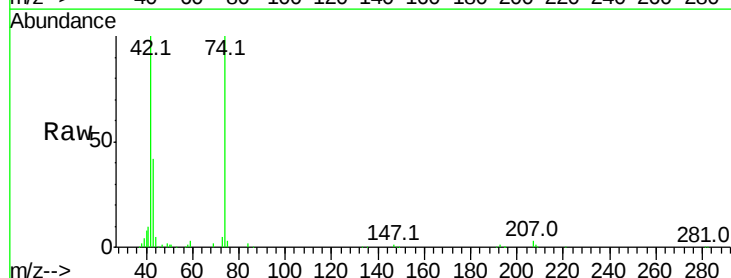
RT: 3.67 min Scan# 99

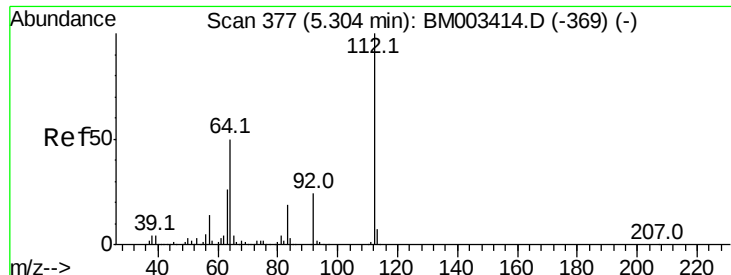
Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Tgt Ion:	42	Resp:	198486
Ion Ratio	Lower	Upper	
42	100		
74	99.6	119.3	178.9#
44	5.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 138.03 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Instrument :

BNA_M

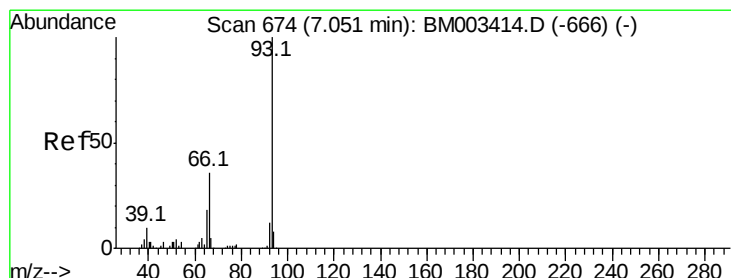
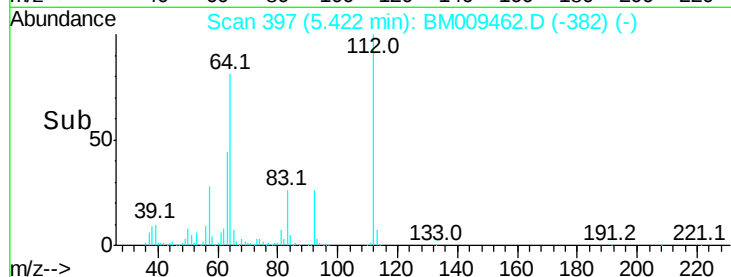
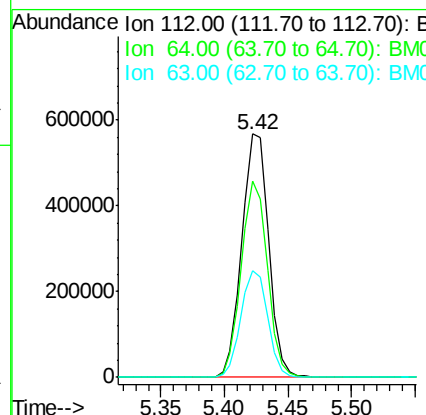
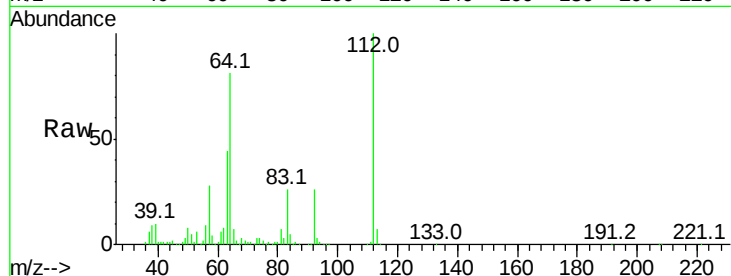
ClientSampleId :

PB97933BS

Tot Ion:	112	Resp:	830889
Ion Ratio	Lower	Upper	
112	100		
64	80.6	38.6	57.8#
63	43.8	19.3	28.9#

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#6

Aniline

Concen: 18.40 ng

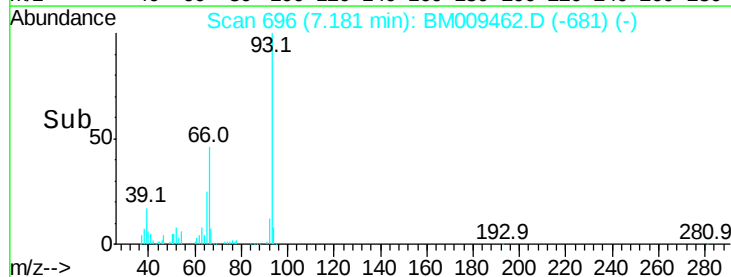
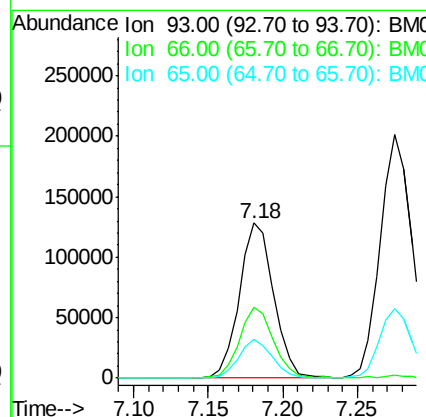
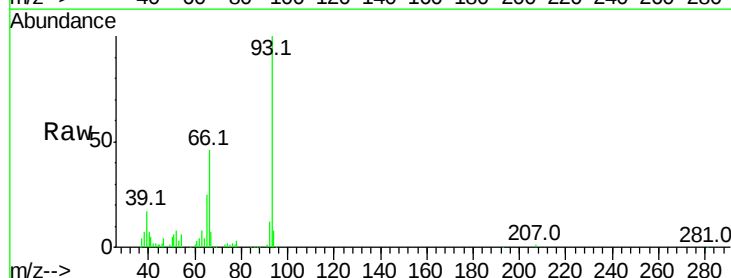
RT: 7.18 min Scan# 696

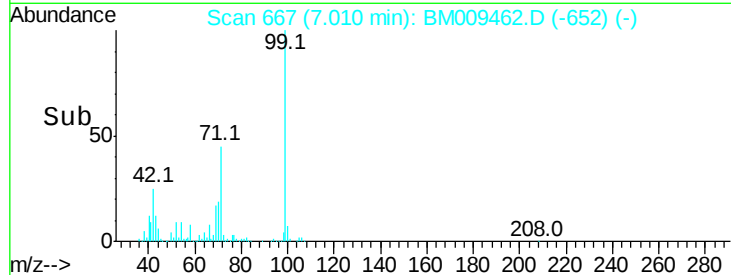
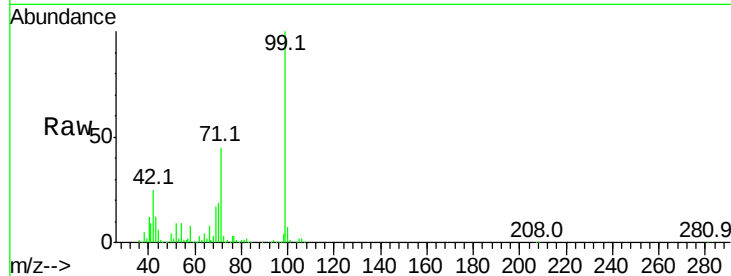
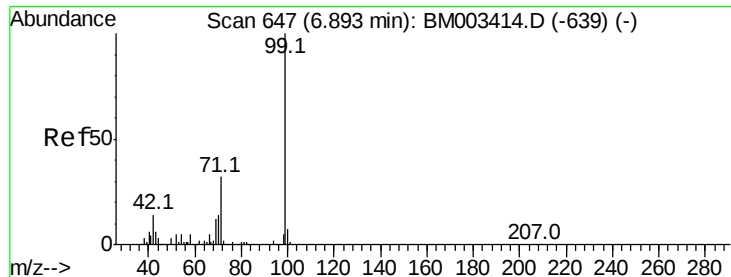
Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Tgt Ion:	93	Resp:	205317
Ion Ratio	Lower	Upper	
93	100		
66	46.0	30.8	46.2
65	24.7	16.0	24.0#





#7

Phenol-d6

Concen: 138.96 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Tot Ion:	99	Resp:	1140707
Ion	Ratio	Lower	Upper
99	100		
42	25.2	11.0	16.4#
71	44.9	23.4	35.2#

Instrument :

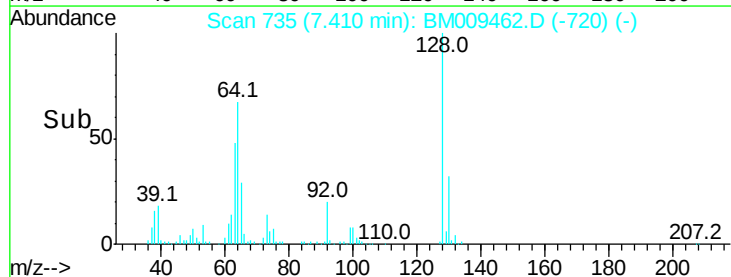
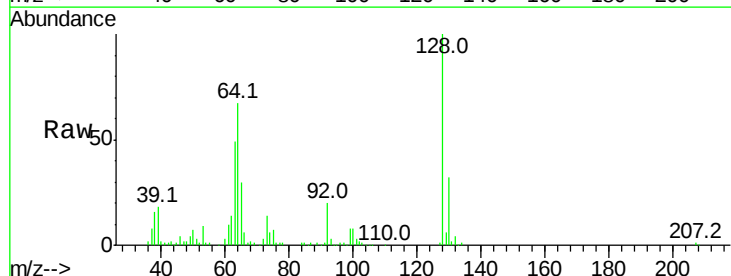
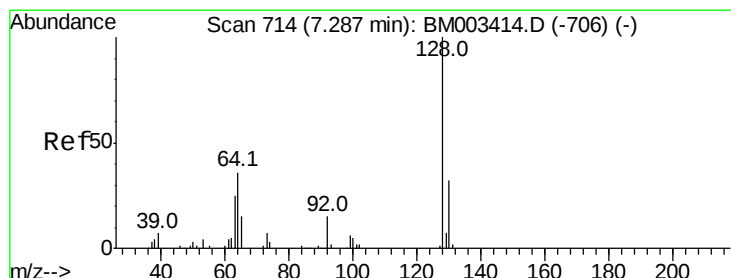
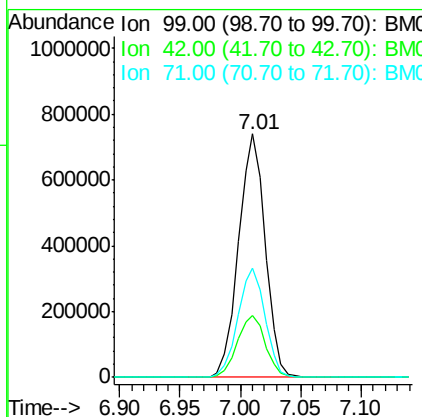
BNA_M

ClientSampled :

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#8

2-Chlorophenol

Concen: 45.58 ng

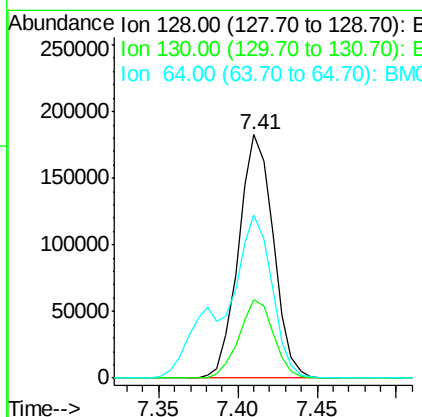
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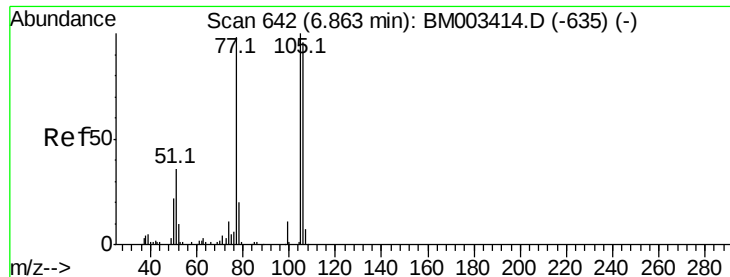
Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Tgt Ion:	128	Resp:	278189
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	67.0	24.9	64.9#





#9

Benzaldehyde

Concen: 10.98 ng

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Instrument :

BNA_M

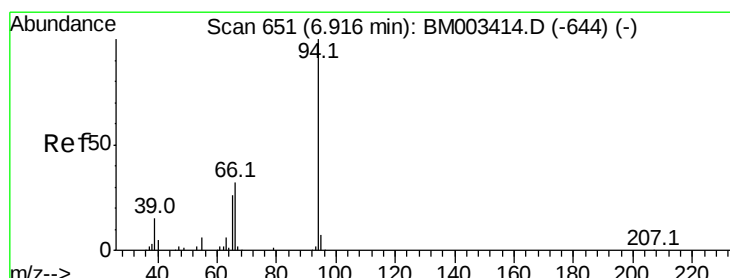
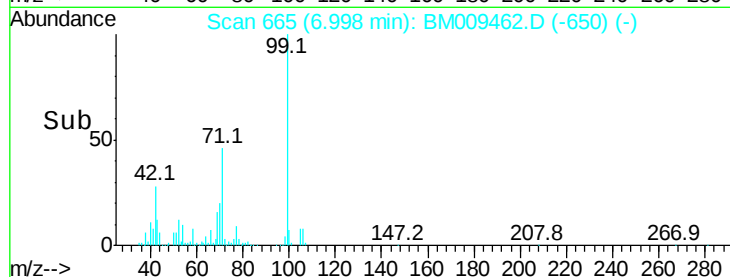
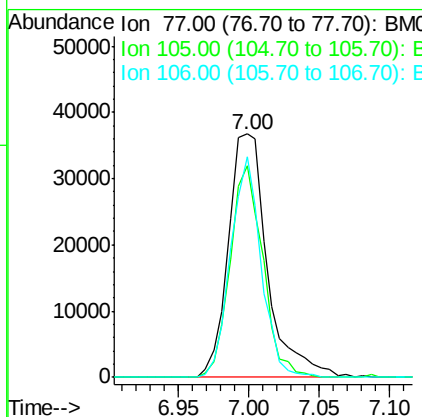
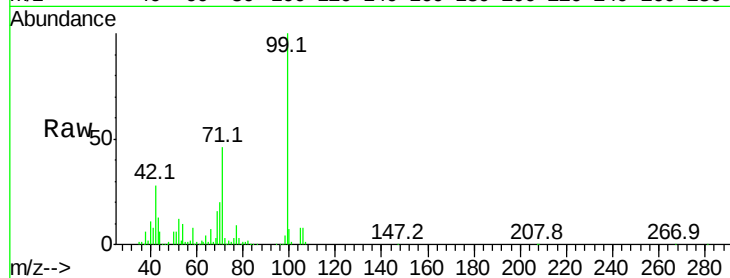
ClientSampleID :

PB97933BS

Tot Ion:	77	Resp:	70959
Ion	Ratio	Lower	Upper
77	100		
105	86.9	78.8	118.8
106	90.8	73.7	113.7

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#10

Phenol

Concen: 45.27 ng

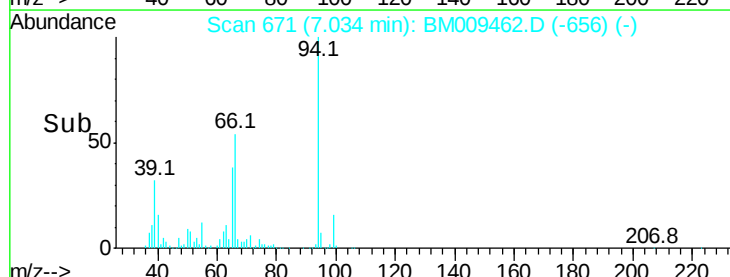
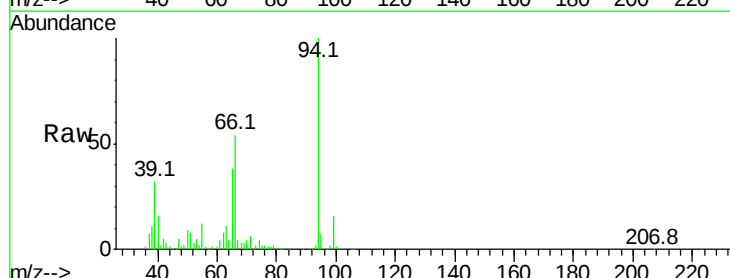
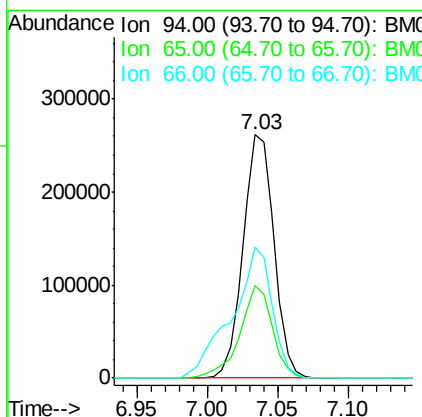
RT: 7.03 min Scan# 671

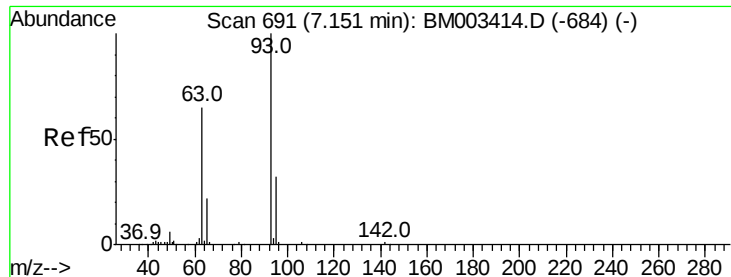
Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Tgt Ion:	94	Resp:	402697
Ion	Ratio	Lower	Upper
94	100		
65	37.8	18.8	58.8
66	53.7	39.9	79.9





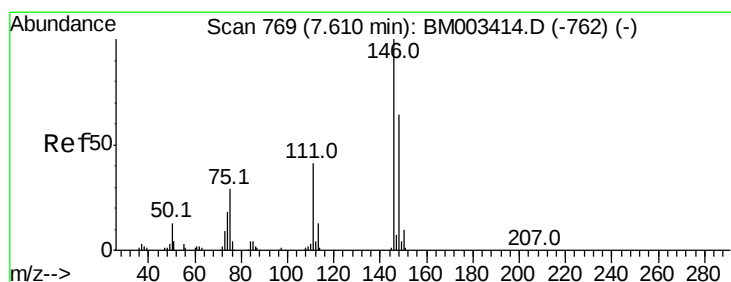
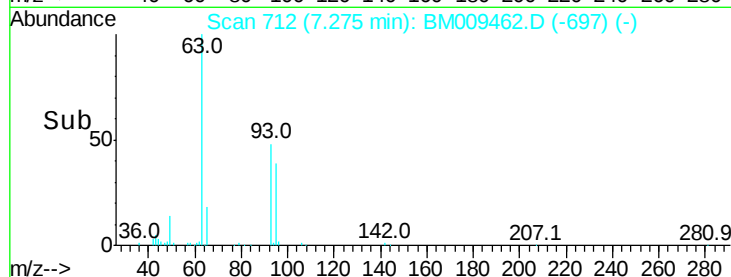
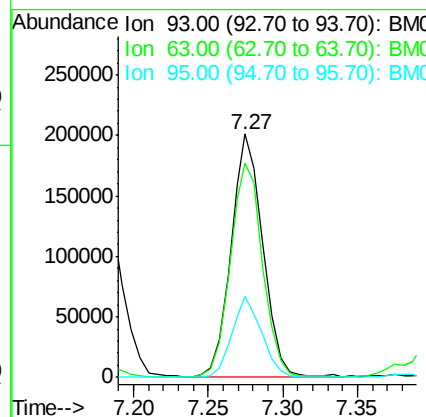
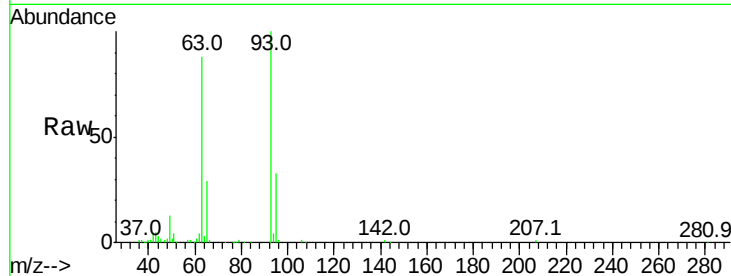
#11
bis(2-Chloroethyl)ether
Concen: 40.58 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampled :
PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	295824		
63	88.2	49.5	89.5	
95	33.4	13.5	53.5	

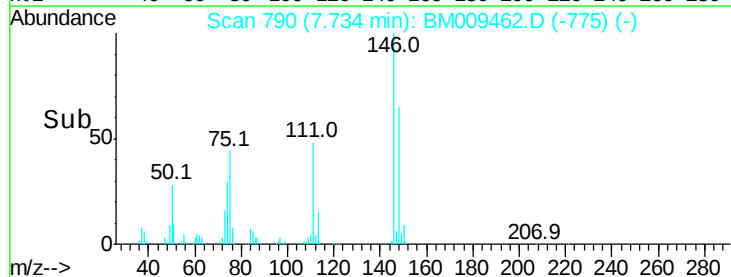
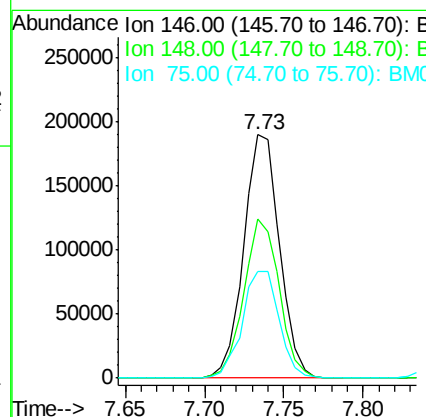
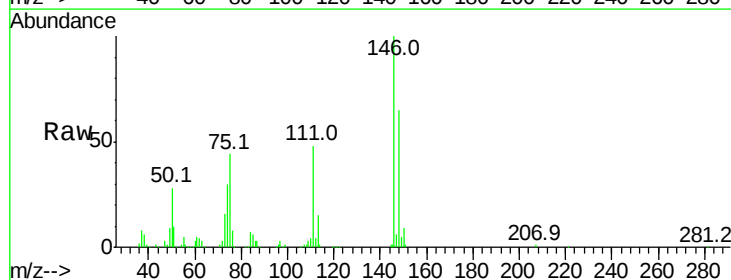
Manual Integrations
APPROVED

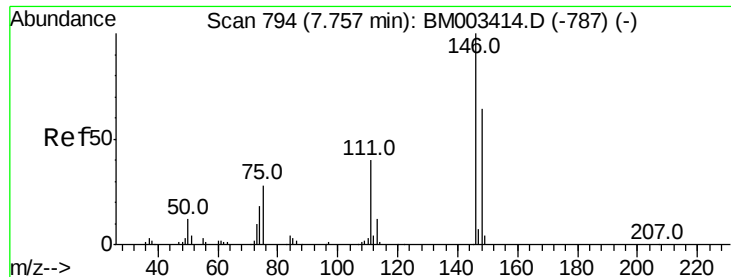
mohammad
3/31/2017 2:12:04 PM



#12
1,3-Dichlorobenzene
Concen: 40.65 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	297082		
148	65.2	50.9	76.3	
75	44.0	21.4	32.2	





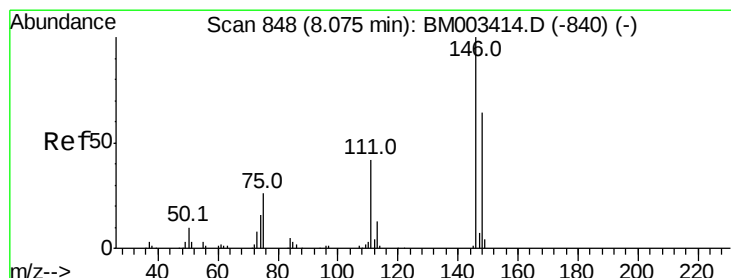
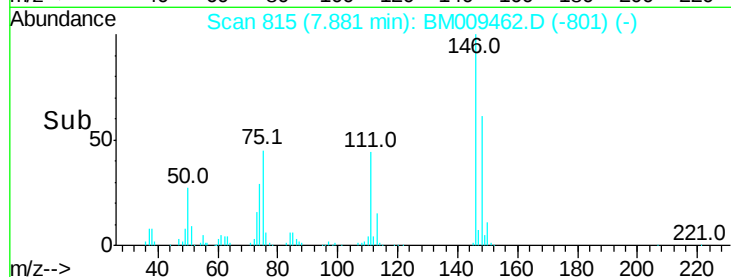
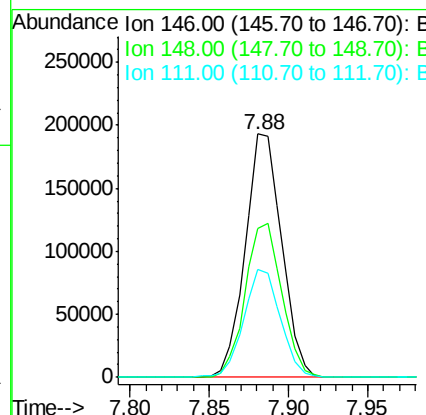
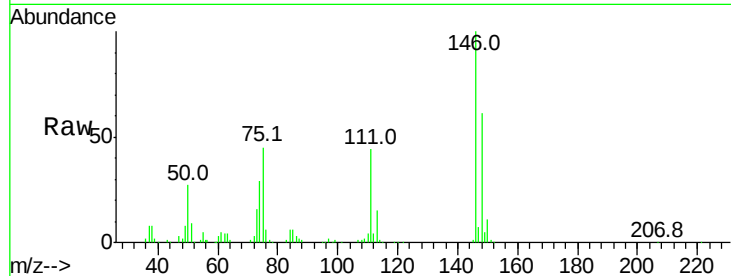
#13
 1,4-Dichlorobenzene
 Concen: 40.80 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Instrument :
 BNA_M
 ClientSampleID :
 PB97933BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.2	51.9	77.9
111	44.4	29.2	43.8

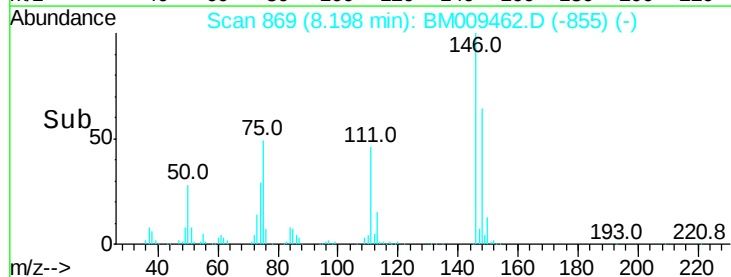
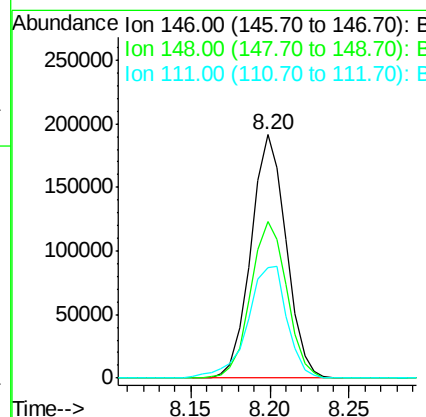
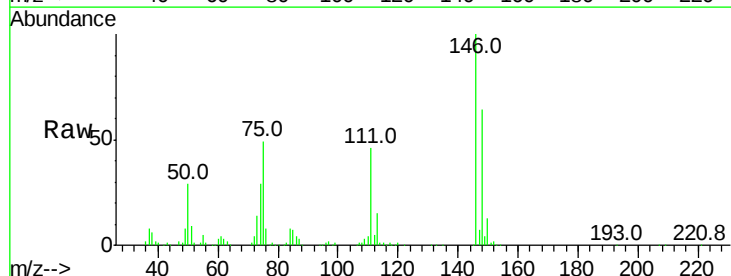
Manual Integrations
 APPROVED

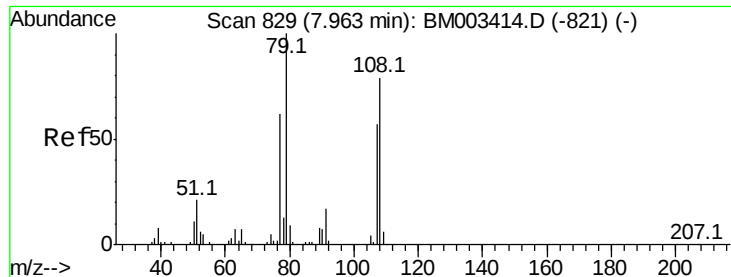
mohammad
 3/31/2017 2:12:04 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.35 ng
 RT: 8.20 min Scan# 869
 Delta R.T. -0.02 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.3	78.5
111	45.6	30.6	45.8





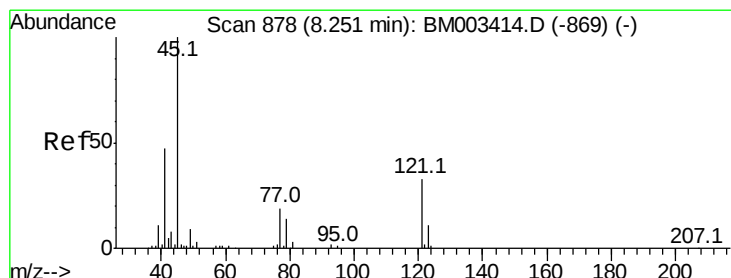
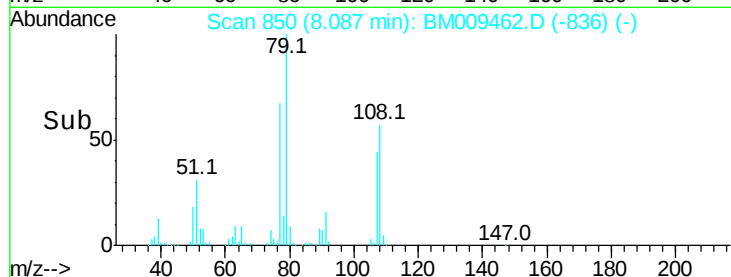
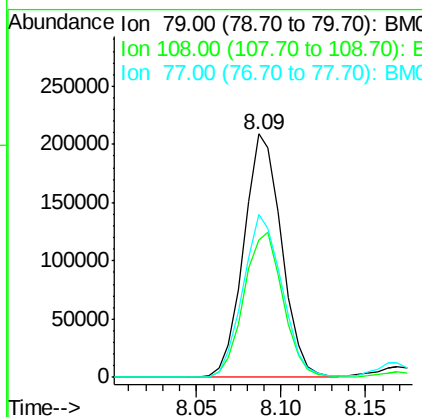
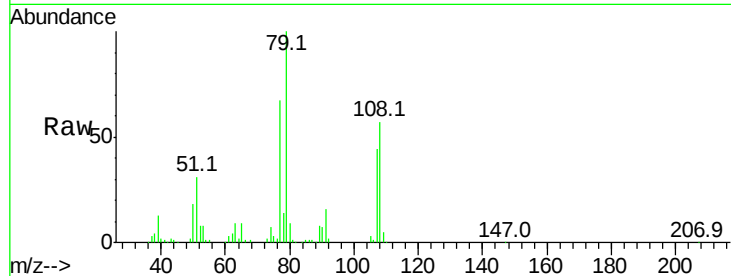
#15
Benzyl Alcohol
Concen: 45.54 ng
RT: 8.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampled :
PB97933BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	56.6	65.0	97.4#
77	66.8	53.0	79.6

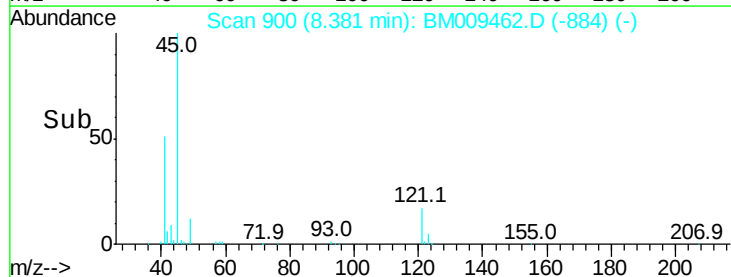
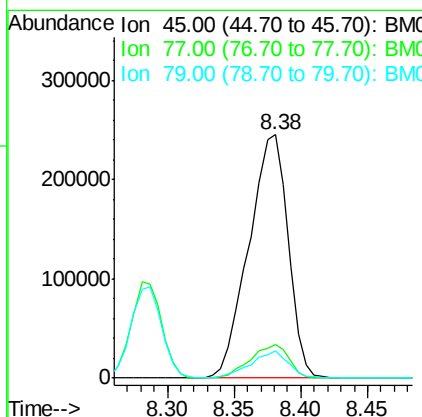
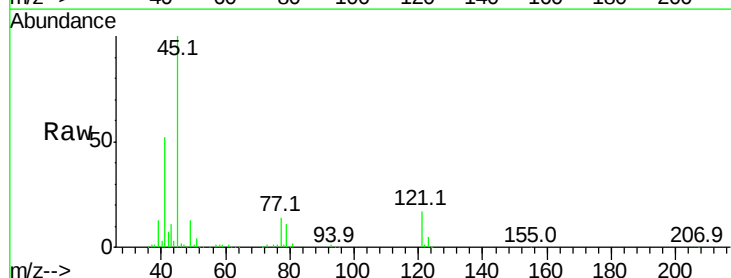
Manual Integrations
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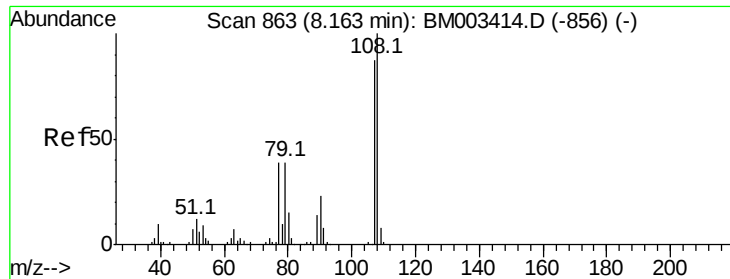
mohammad
3/31/2017 2:12:04 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.46 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	35.2
79	11.0	0.0	32.0





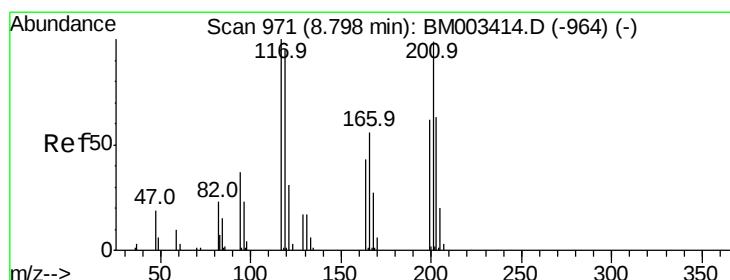
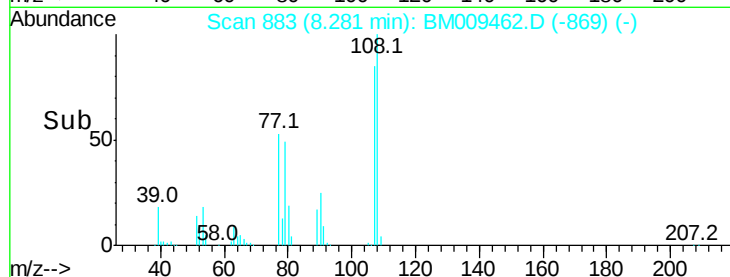
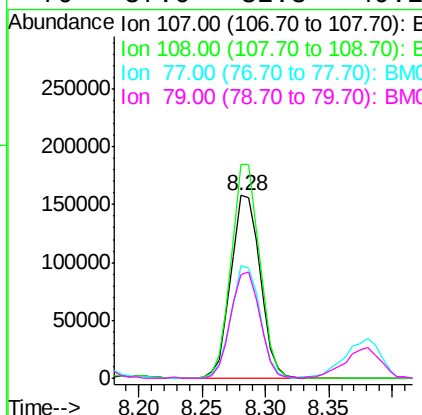
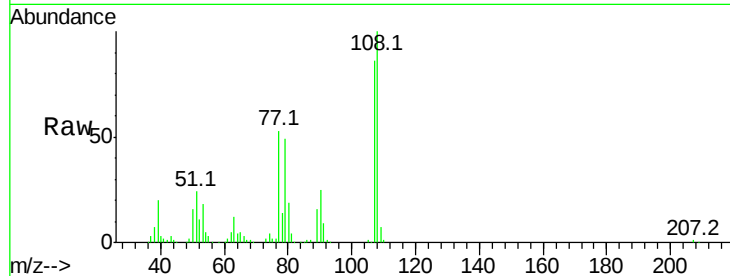
#17
2-Methylphenol
Concen: 43.67 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	116.7	89.8	134.8
77	61.9	32.6	48.8#
79	57.0	32.8	49.2#

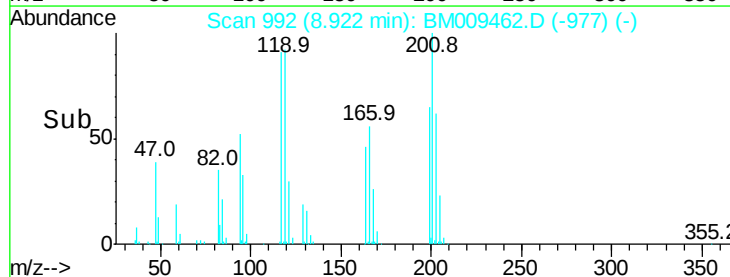
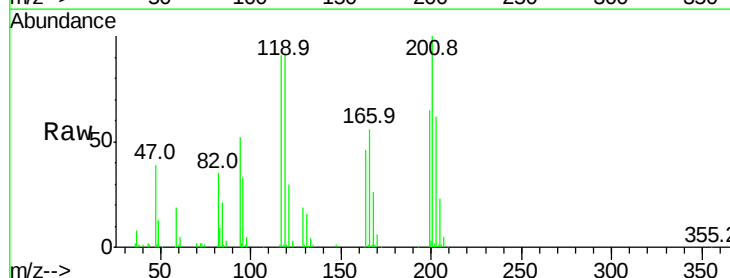
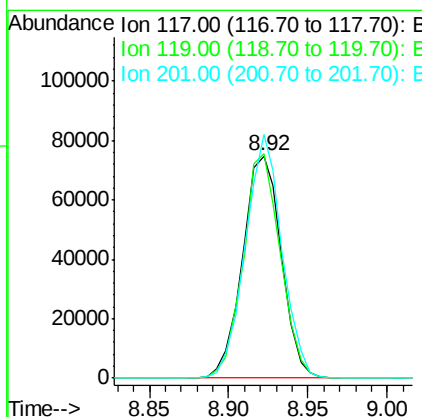
Manual Integrations
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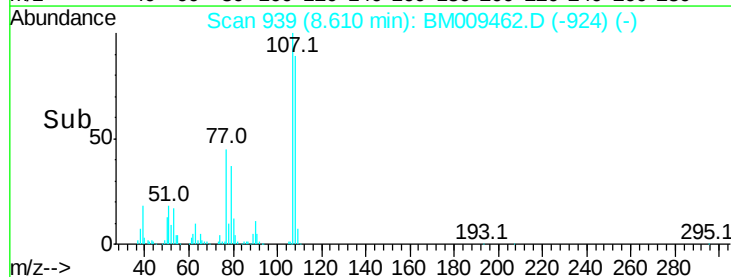
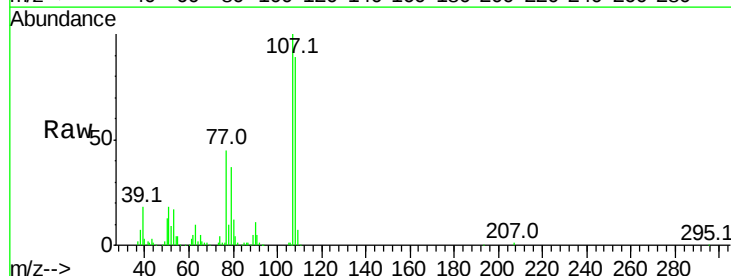
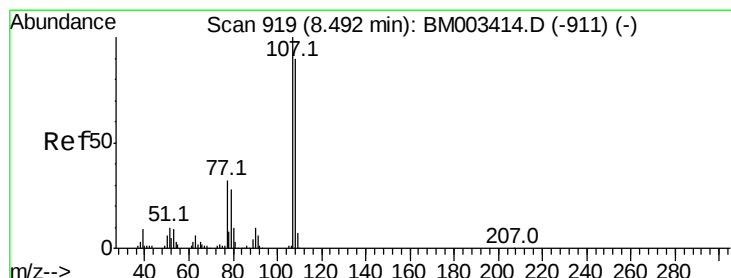
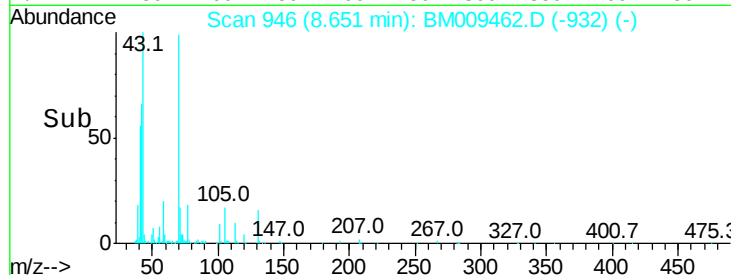
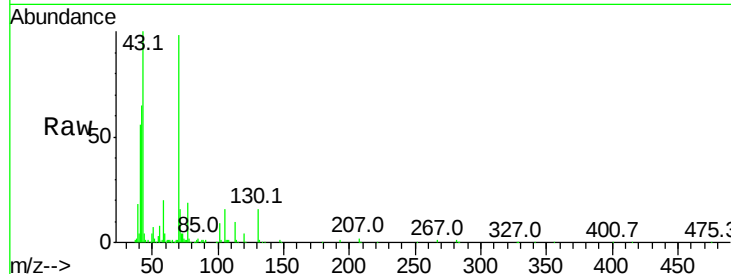
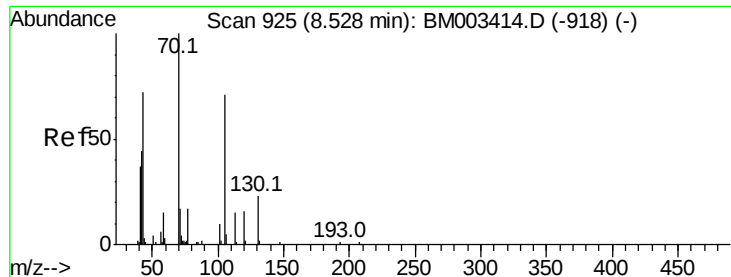
mohammad
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#18
Hexachloroethane
Concen: 41.04 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

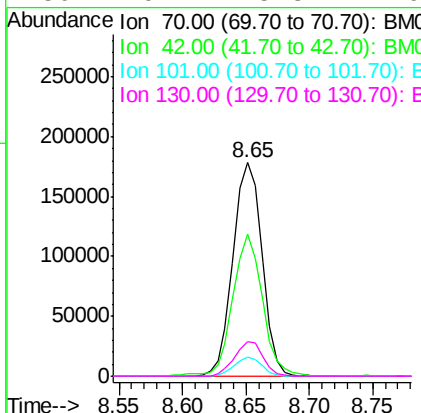
Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	101.3	79.2	118.8
201	109.8	69.8	104.6#





#19
n-Nitroso-di-n-propylamine
Concen: 42.73 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		282782		
42	66.4	44.5	66.7		
101	8.8	7.4	11.2		
130	16.4	15.3	22.9		



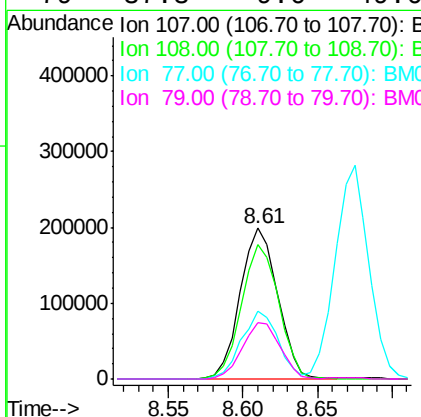
Instrument :
BNA_M
ClientSampled :
PB97933BS

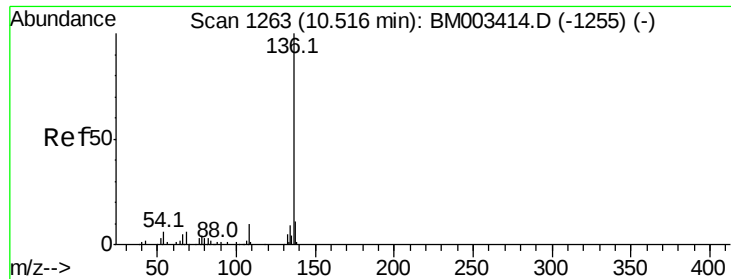
Manual Integrations
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#20
3+4-Methylphenols
Concen: 43.69 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		345738		
108	89.2	73.2	113.2		
77	44.9	10.7	50.7		
79	37.3	9.6	49.6		





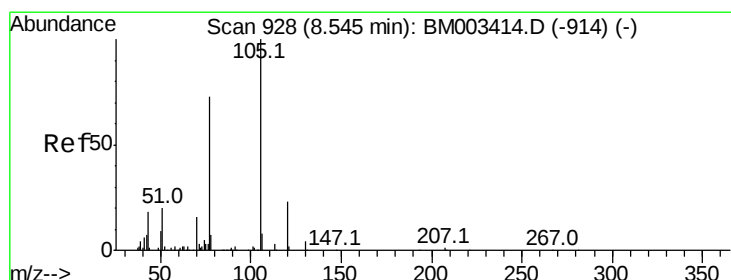
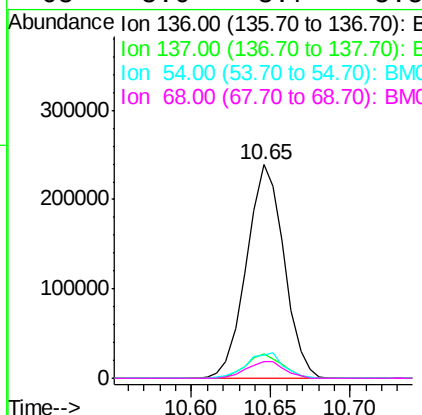
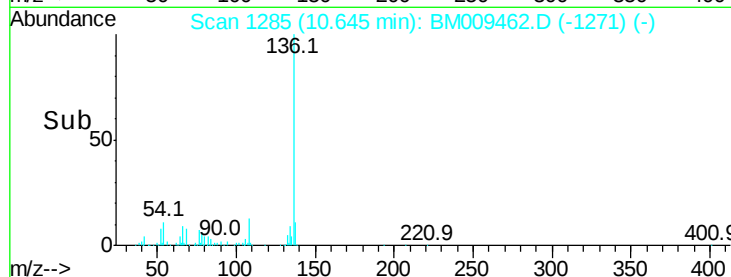
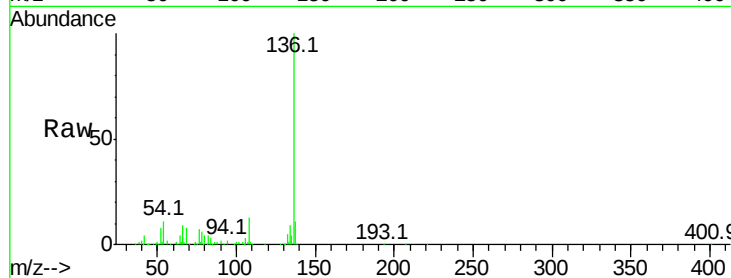
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.1	4.6	6.8#
68	8.0	3.7	5.5#

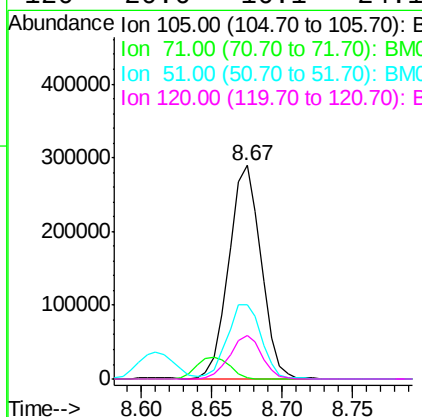
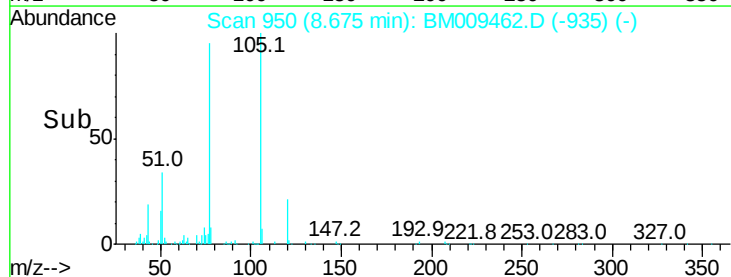
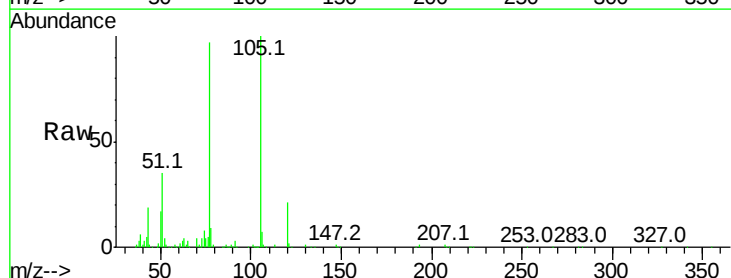
Manual Integrations
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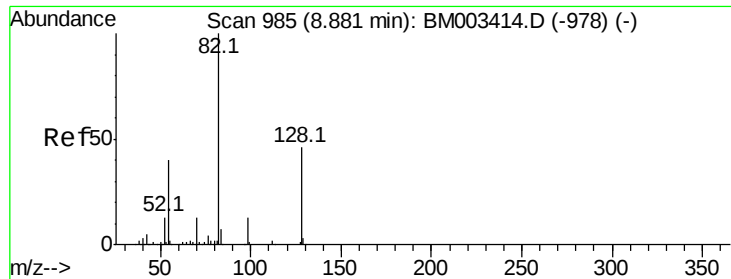
mohammad
3/31/2017 2:12:04 PM



#22
Acetophenone
Concen: 41.58 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.9	0.6	1.0
51	35.0	21.6	32.4#
120	20.6	16.1	24.1





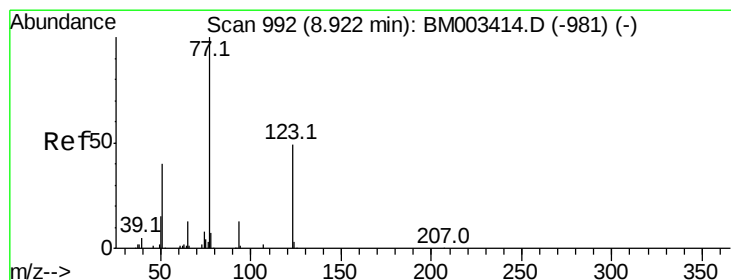
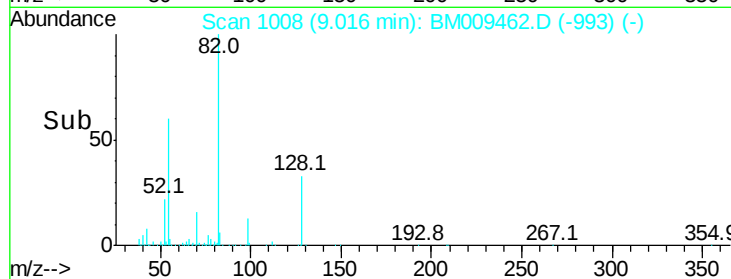
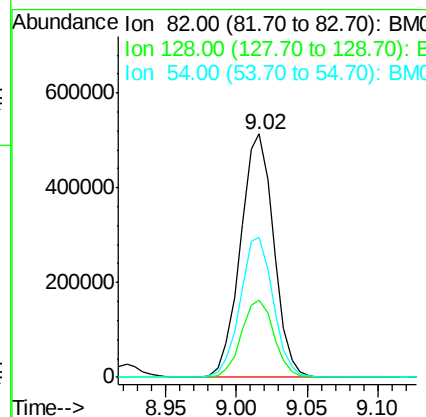
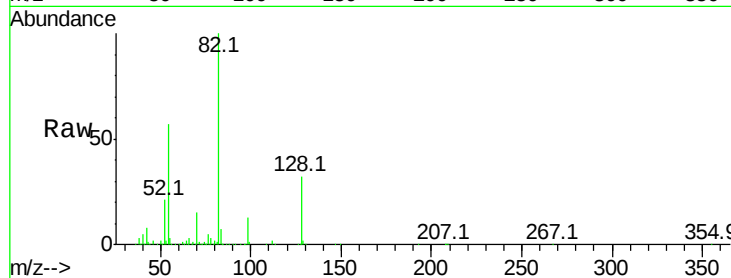
#23
 Nitrobenzene-d5
 Concen: 80.71 ng
 RT: 9.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	31.6	32.8	49.2#	
54	57.4	40.6	60.8	

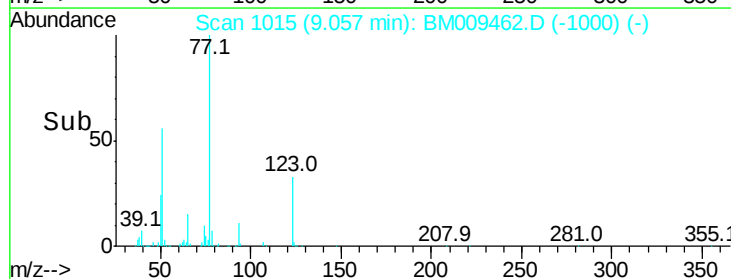
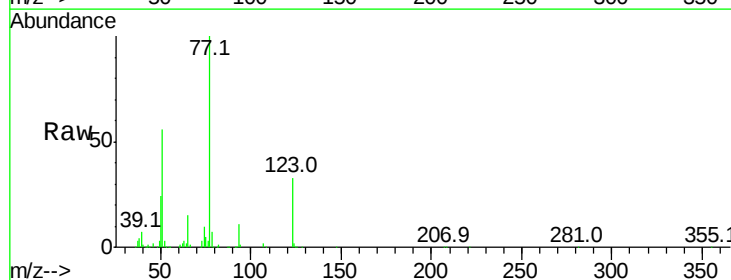
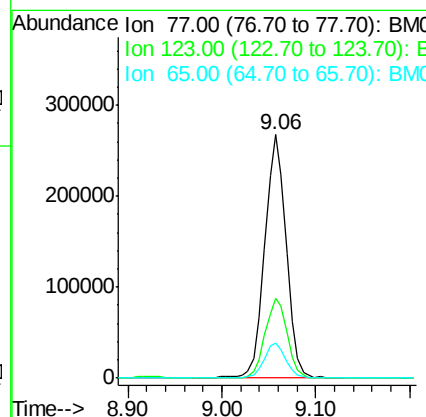
Manual Integrations
 APPROVED

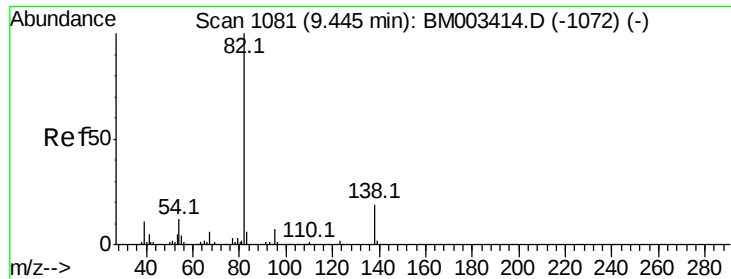
mohammad
 3/31/2017 2:12:04 PM



#24
 Nitrobenzene
 Concen: 41.14 ng
 RT: 9.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	32.8	32.6	49.0	
65	14.6	10.9	16.3	





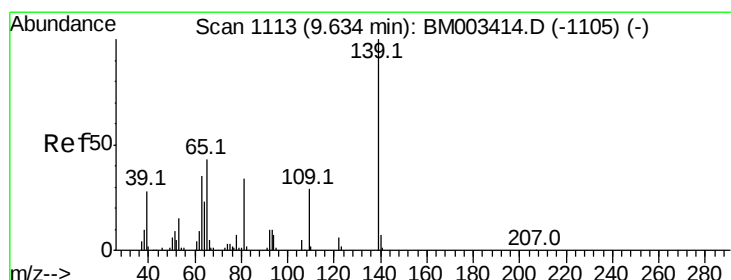
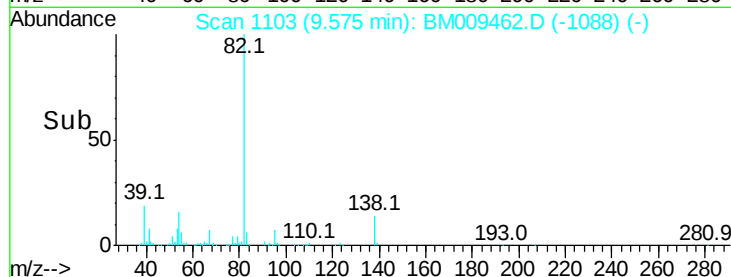
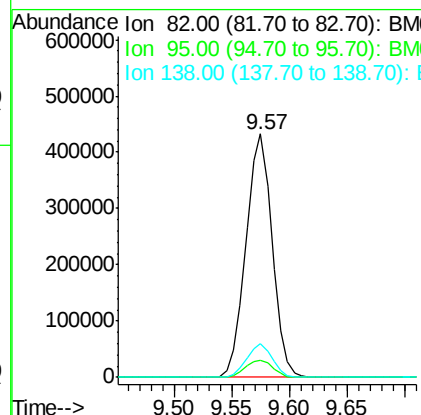
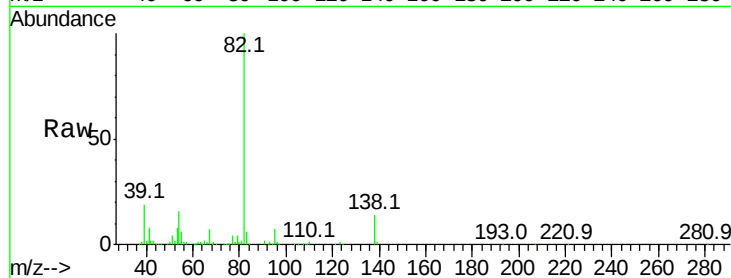
#25
Isophorone
Concen: 42.62 ng
RT: 9.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	7.1	5.8	8.6
138	14.1	16.3	24.5#

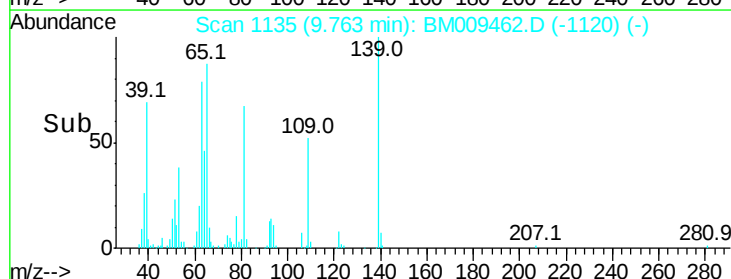
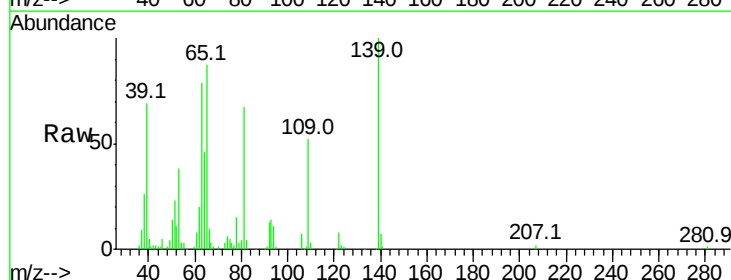
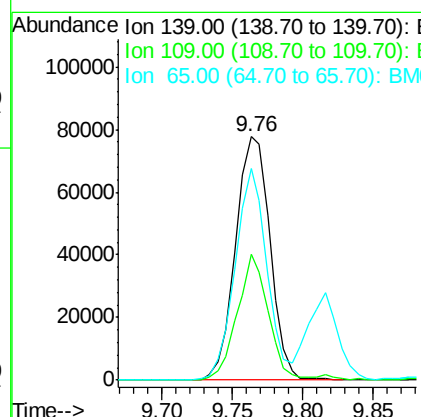
Manual Integrations
APPROVED

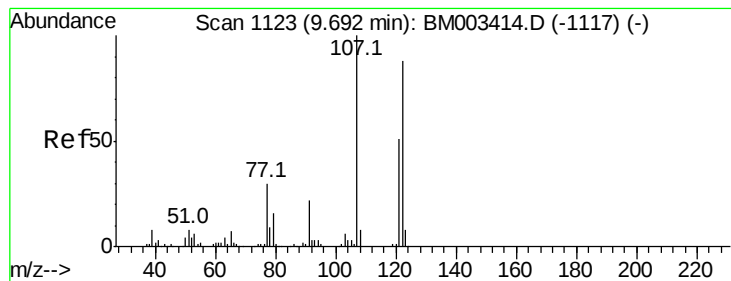
mohammad
3/31/2017 2:12:04 PM



#26
2-Nitrophenol
Concen: 42.76 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	51.7	20.1	30.1#
65	87.0	31.5	47.3#





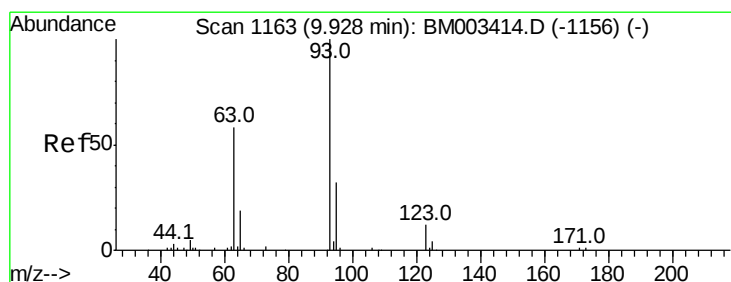
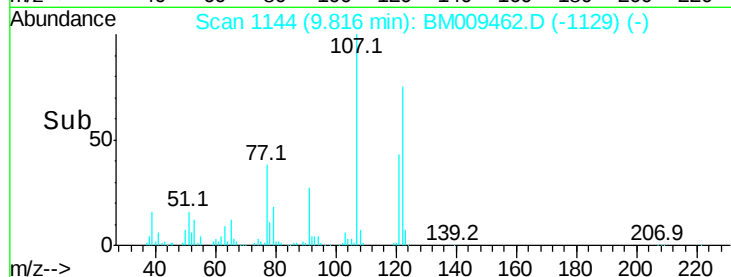
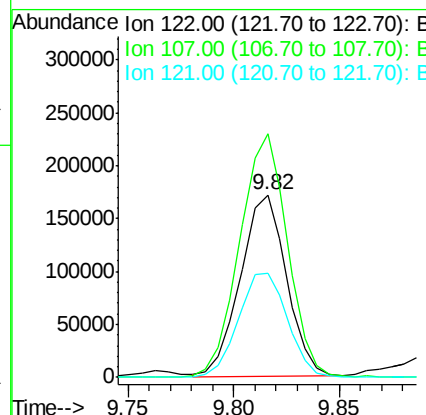
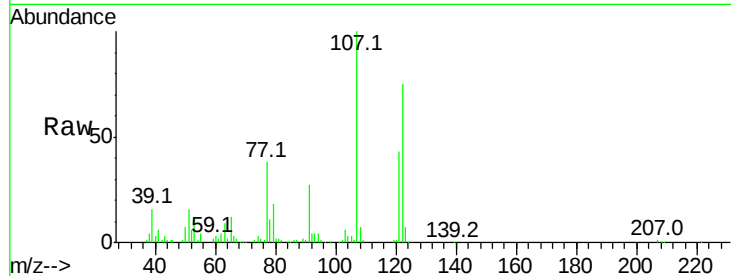
#27
 2,4-Dimethylphenol
 Concen: 45.85 ng
 RT: 9.82 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.3	84.7	127.1#
121	56.7	46.6	69.8

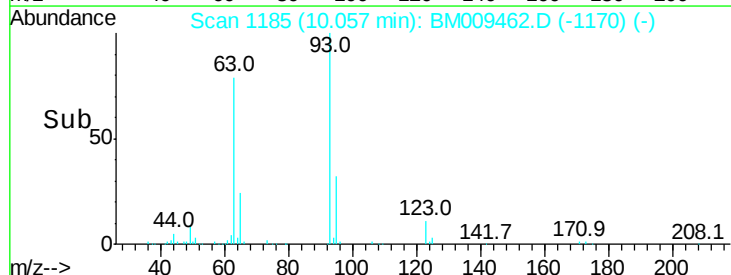
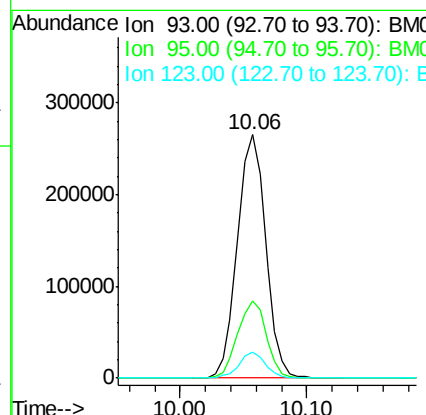
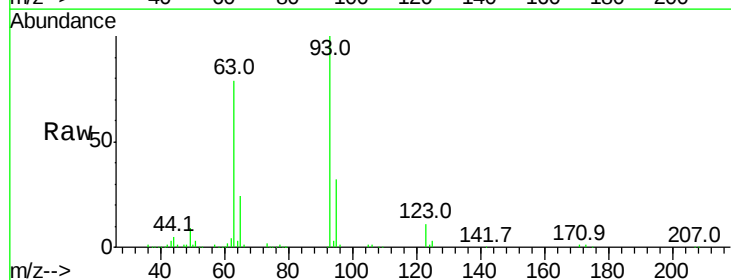
Manual Integrations
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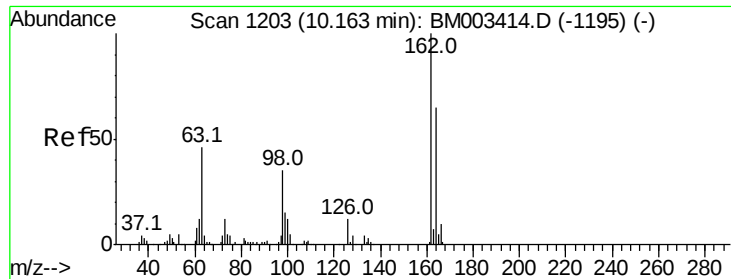
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.42 ng
 RT: 10.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	10.9	8.6	13.0





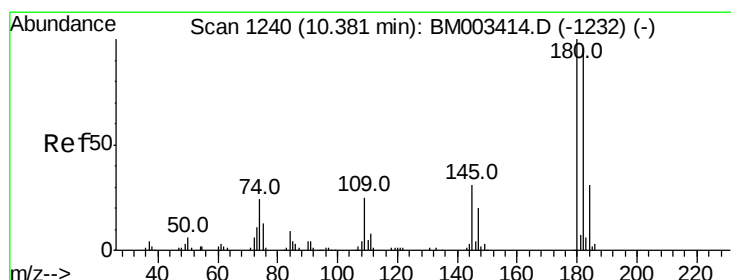
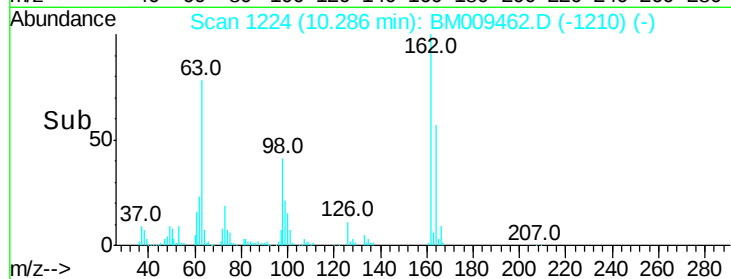
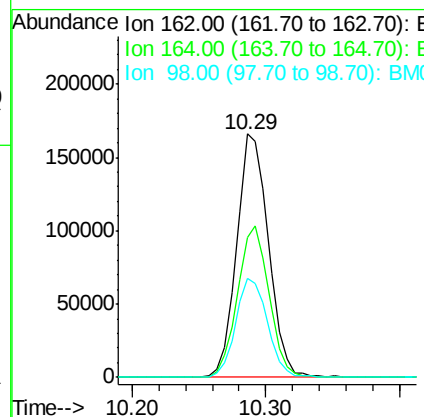
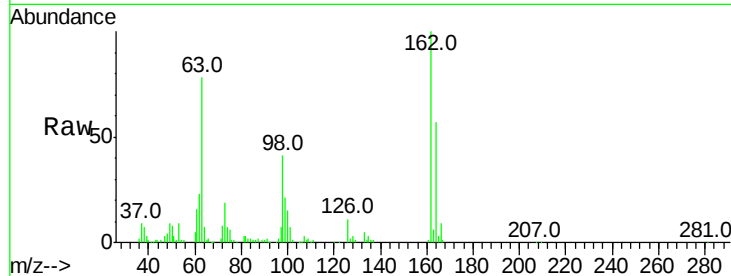
#29
2,4-Dichlorophenol
Concen: 46.21 ng
RT: 10.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	274434		
164	57.3	42.8	82.8	
98	40.6	14.5	54.5	

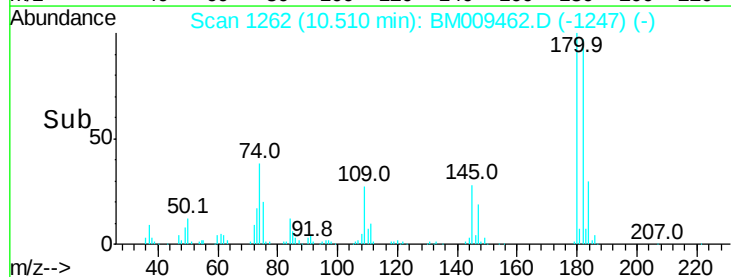
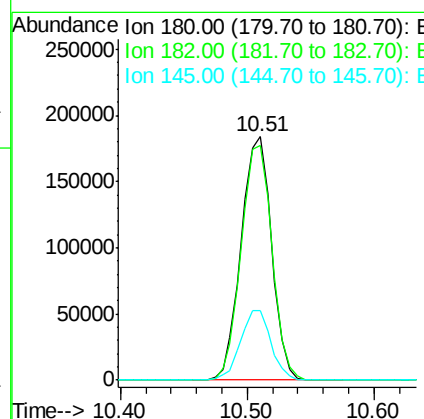
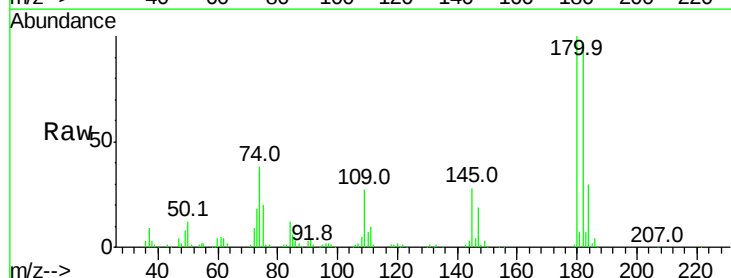
Manual Integrations
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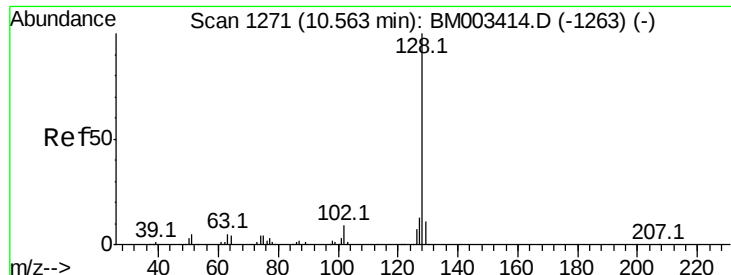
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.56 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	306223		
182	96.6	77.6	116.4	
145	28.5	23.4	35.2	





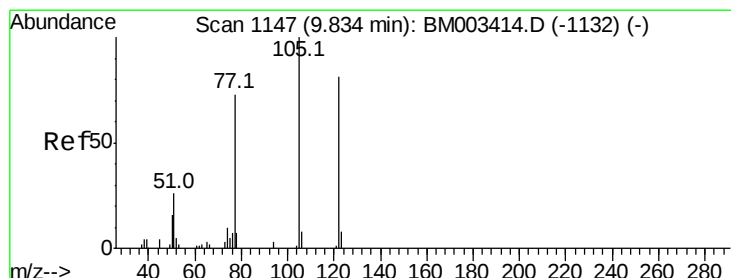
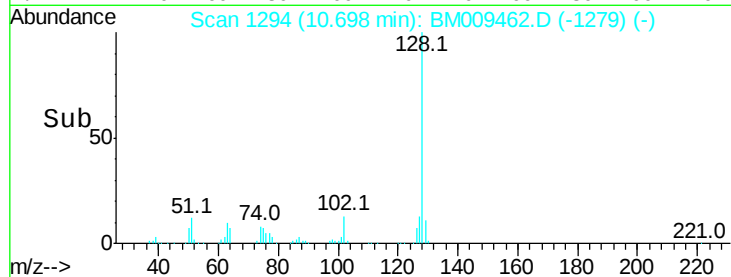
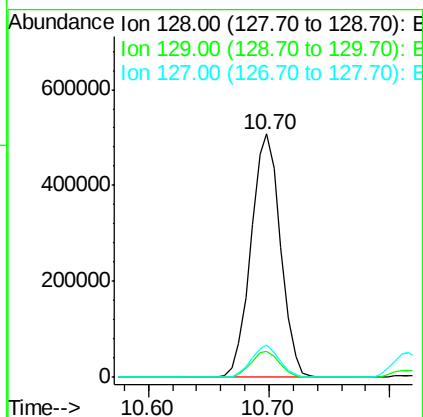
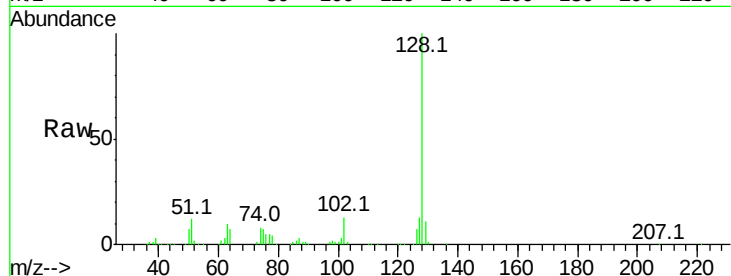
#31
Naphthalene
Concen: 41.09 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	8.9	13.3	
127	13.5	10.4	15.6	

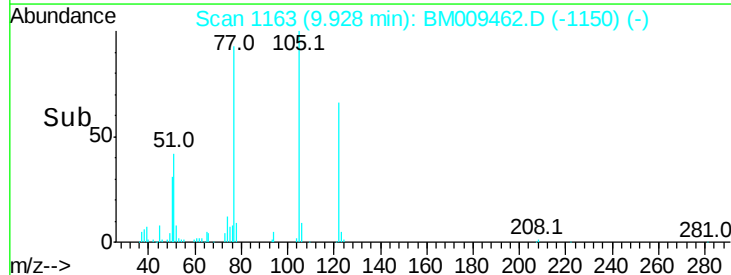
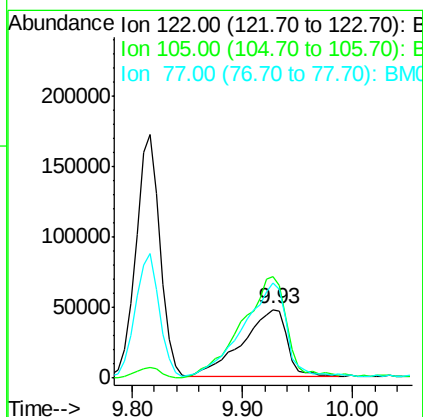
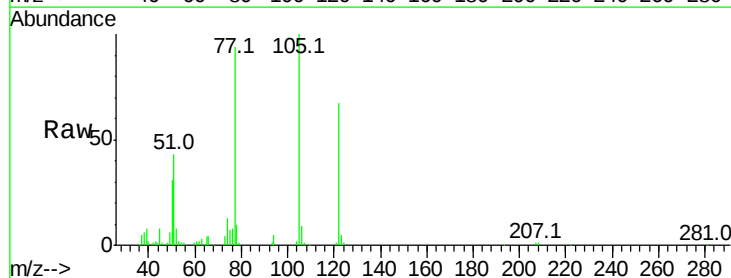
Manual Integrations
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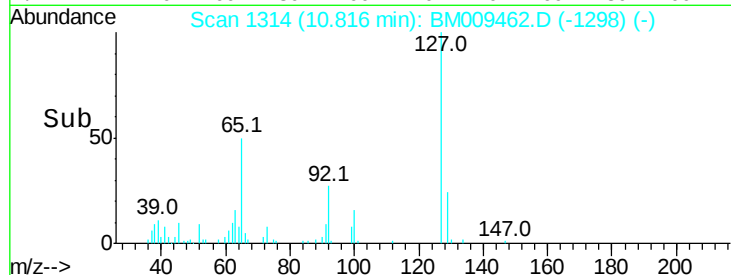
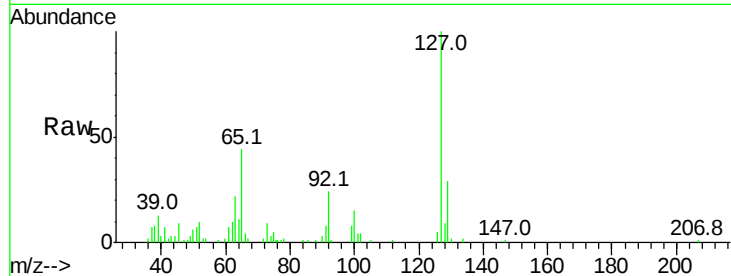
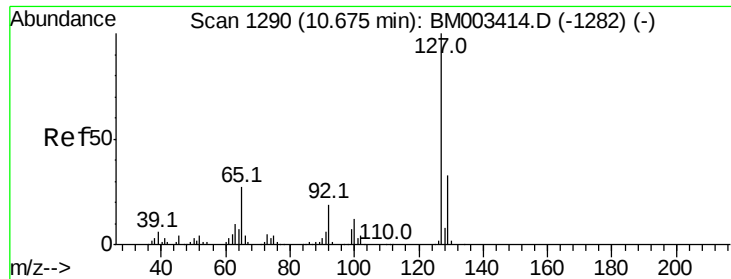
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#32
Benzoic acid
Concen: 35.20 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	148.2	99.9	139.9#	
77	138.9	73.7	113.7#	





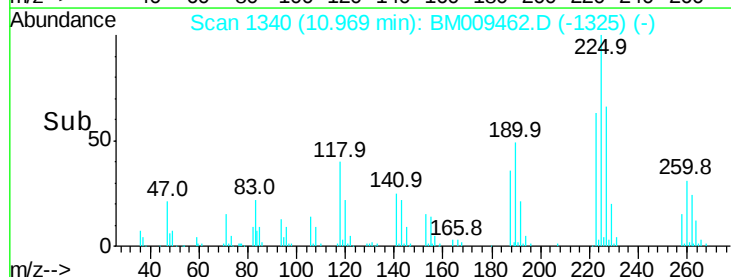
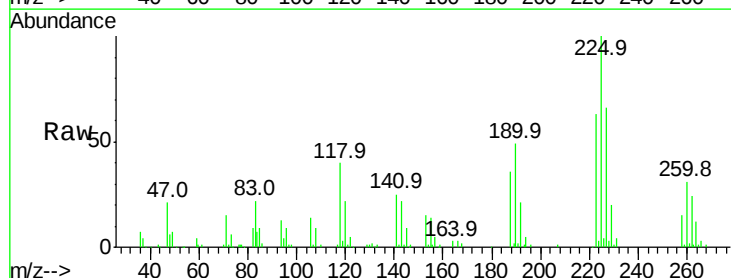
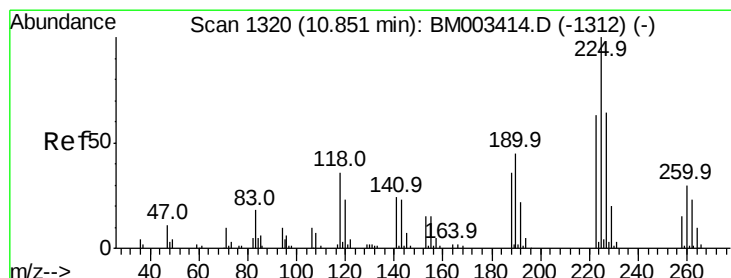
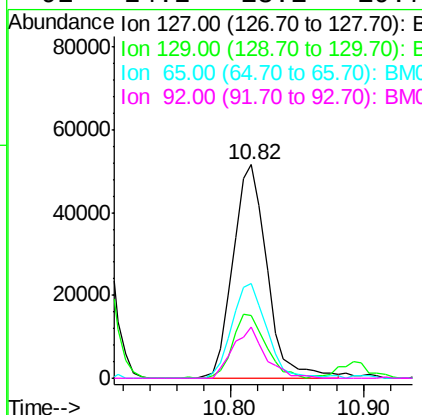
#33
4-Chloroaniline
Concen: 11.33 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	29.4	25.3	37.9
65	44.3	17.6	26.4
92	24.2	13.1	19.7

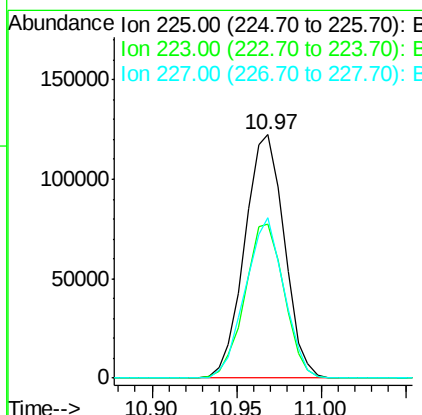
Manual Integrations
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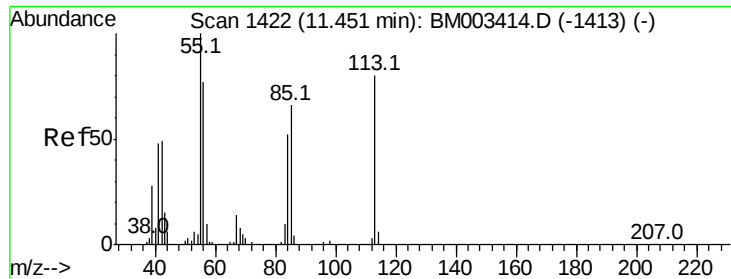
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#34
Hexachlorobutadiene
Concen: 39.61 ng
RT: 10.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.2	47.9	71.9
227	65.8	50.1	75.1





#35

Caprolactam

Concen: 45.81 ng/ml

RT: 11.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Instrument :

BNA_M

ClientSampleID :

PB97933BS

Tot Ion:113 Resp: 83069

Ion Ratio Lower Upper

113 100

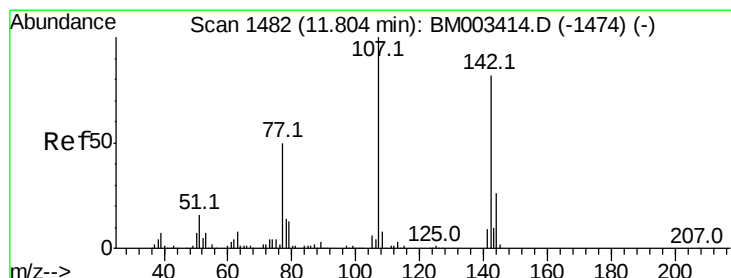
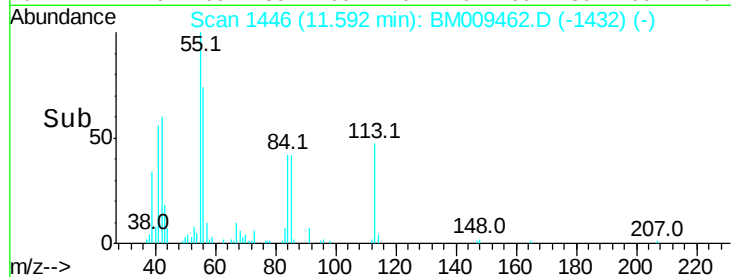
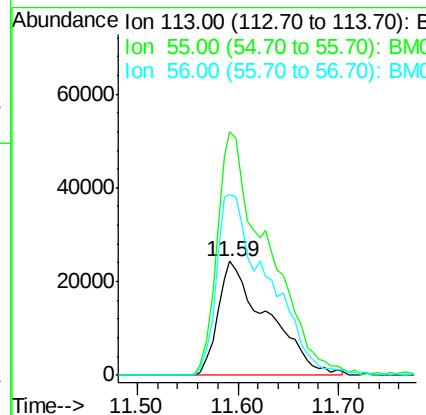
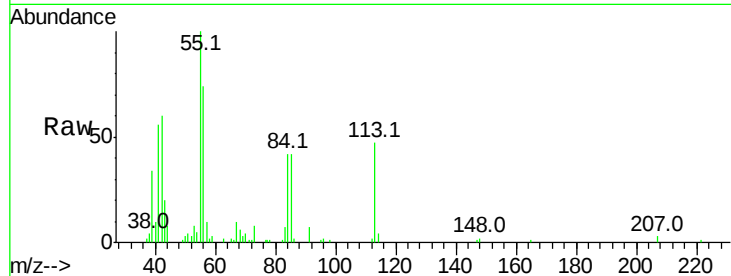
55 213.7 145.9 185.9#

56 158.9 101.0 141.0#

Manual Integrations
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3/31/2017 2:12:04 PM



#36

4-Chloro-3-methylphenol

Concen: 47.23 ng/ml

RT: 11.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

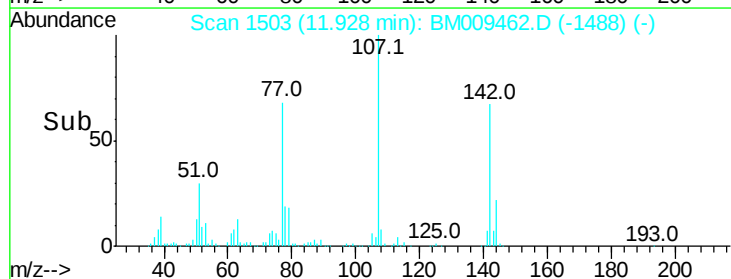
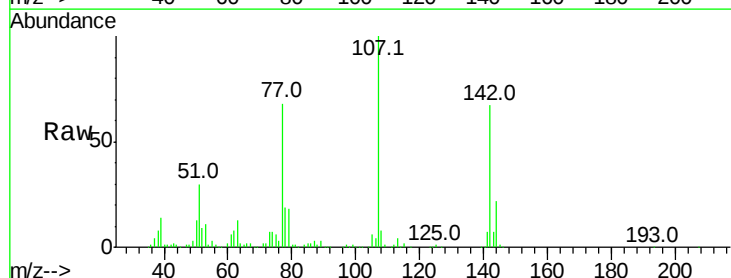
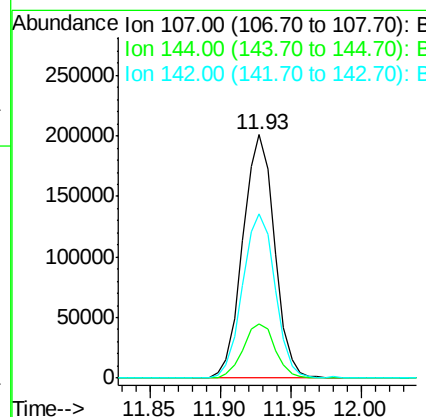
Tgt Ion:107 Resp: 317366

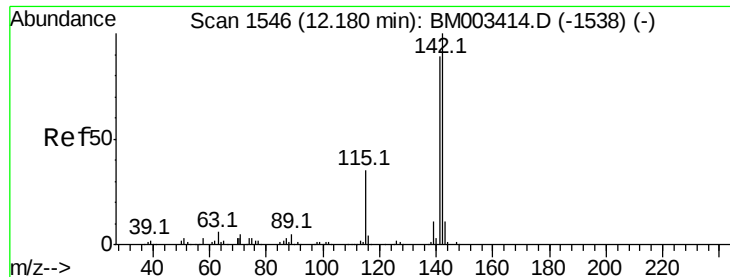
Ion Ratio Lower Upper

107 100

144 22.3 23.3 34.9#

142 67.4 72.6 109.0#





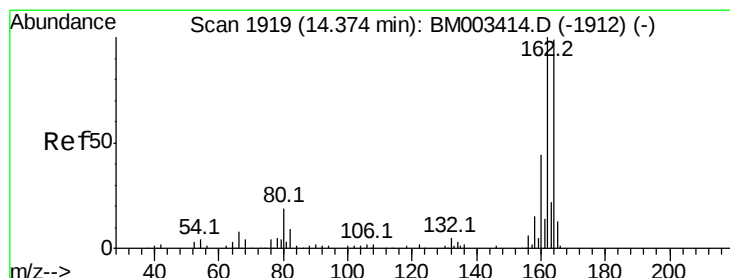
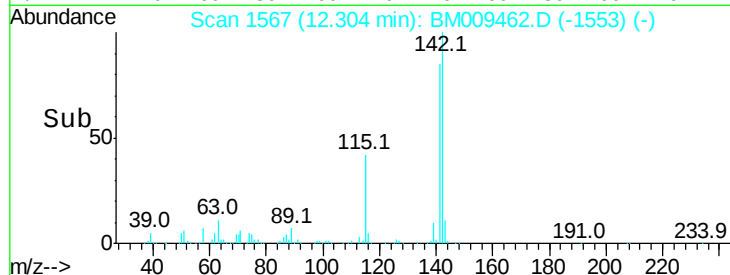
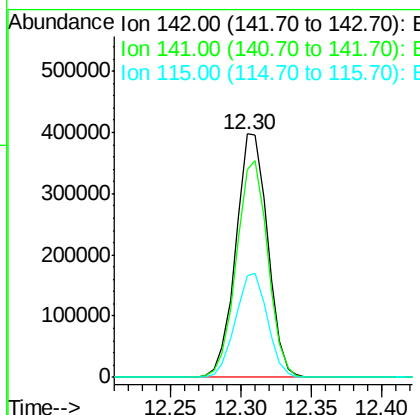
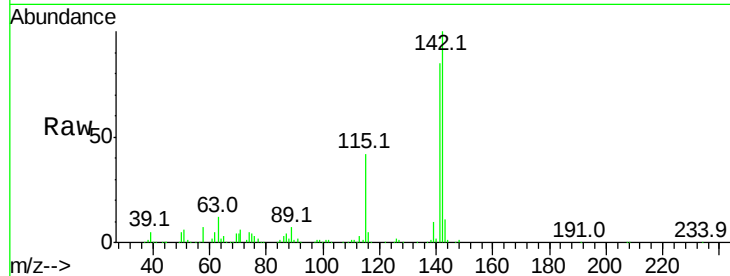
#37
2-Methylnaphthalene
Concen: 43.38 ng
RT: 12.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.4	71.9	107.9
115	41.9	25.4	38.0

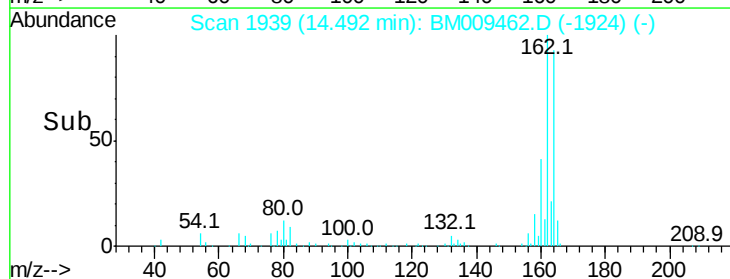
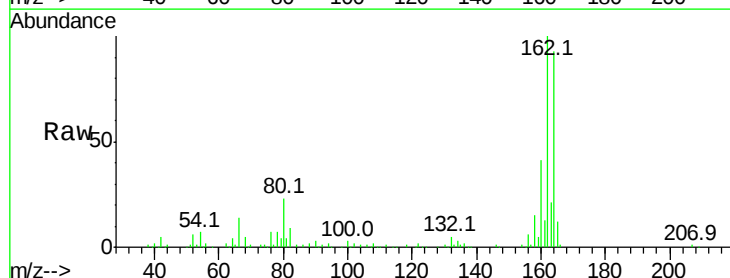
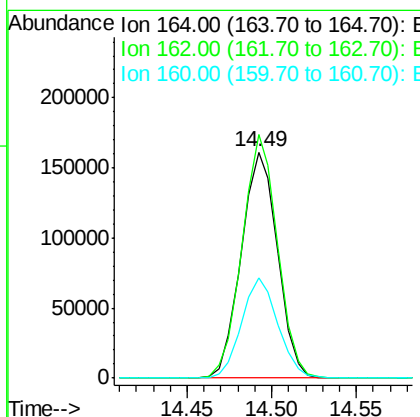
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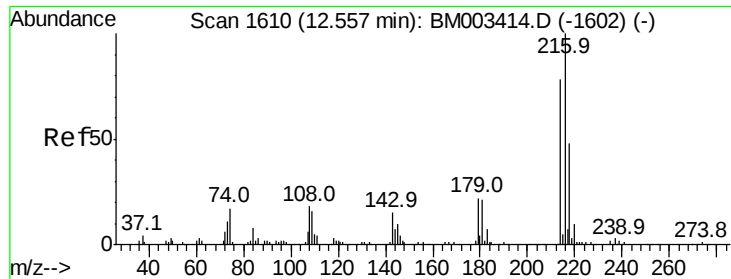
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	82.4	123.6
160	44.5	35.8	53.6





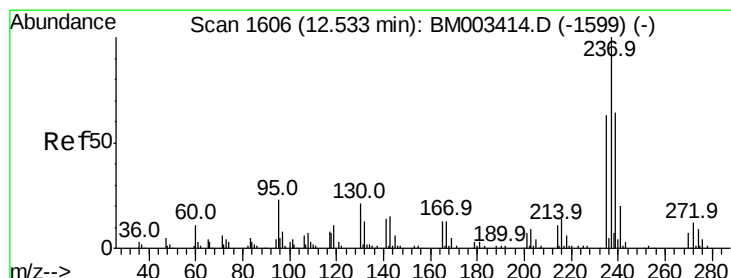
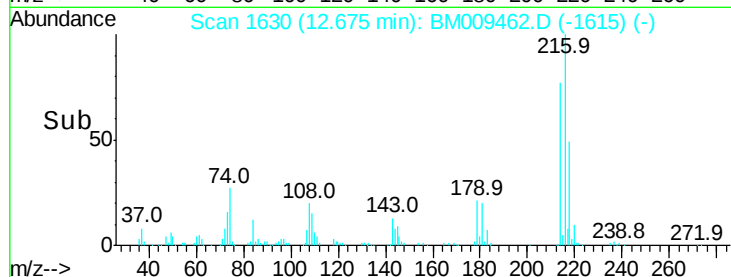
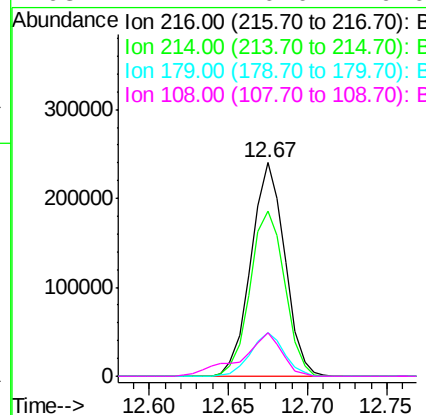
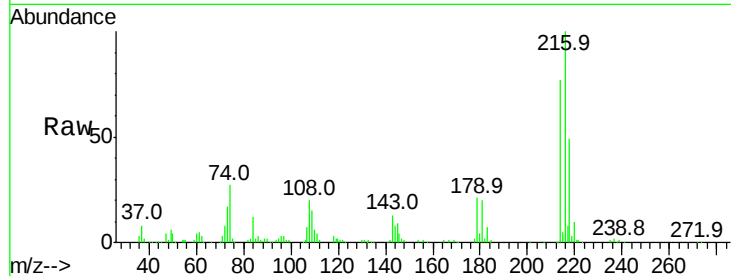
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.17 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	0.0	0.0	0.0
179	20.4	0.0	0.0	0.0
108	24.2	0.0	0.0	0.0

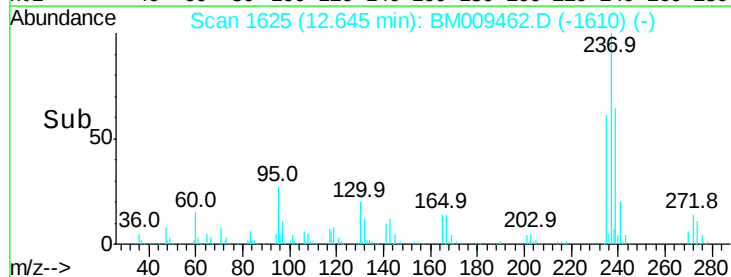
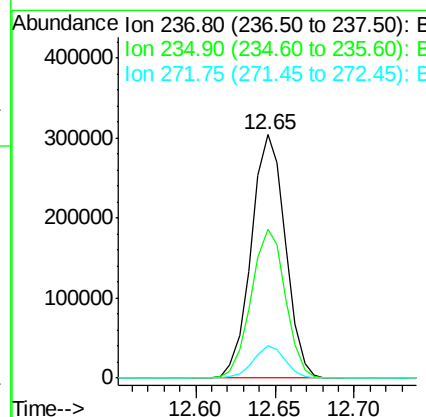
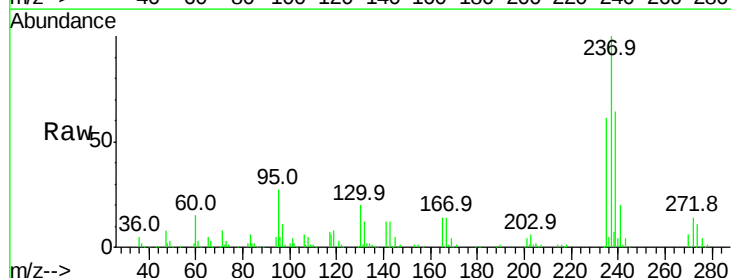
Manual Integrations
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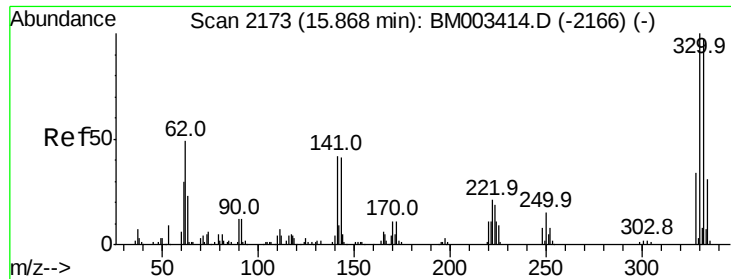
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#40
 Hexachlorocyclopentadiene
 Concen: 87.03 ng
 RT: 12.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.3	42.0	82.0	
272	13.6	0.0	33.4	





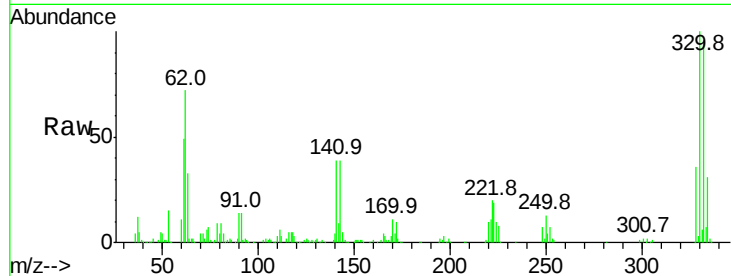
#41
 2,4,6-Tribromophenol
 Concen: 146.73 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BS

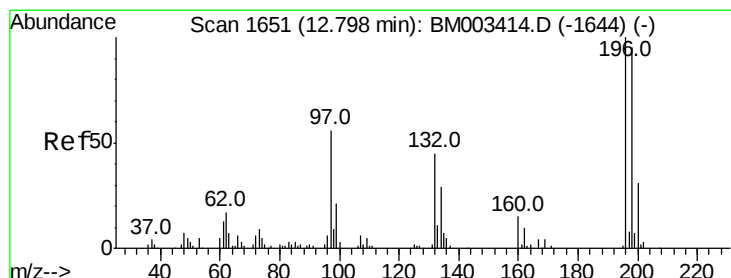
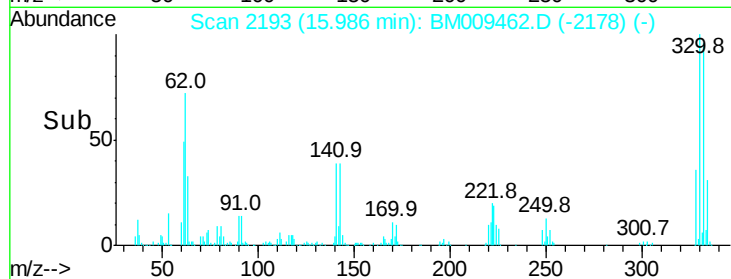
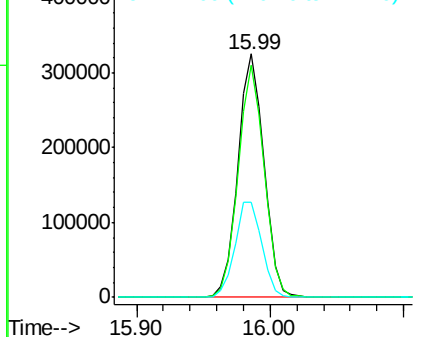
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.0	0.0	0.0#
141	40.8	0.0	0.0#

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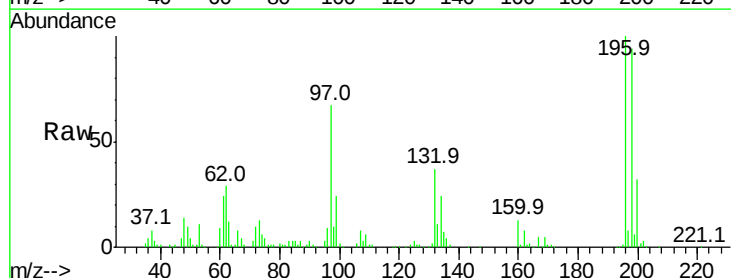


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

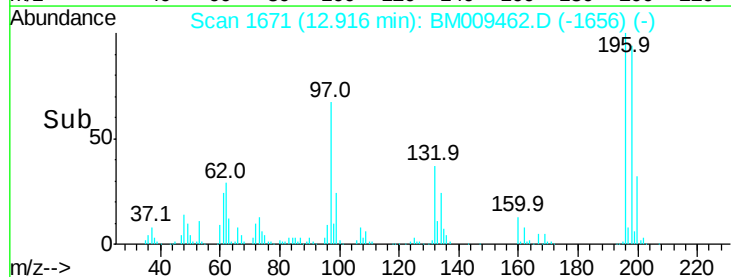
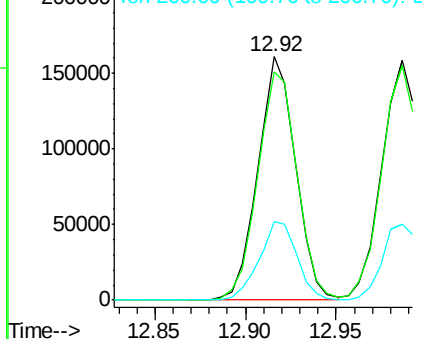


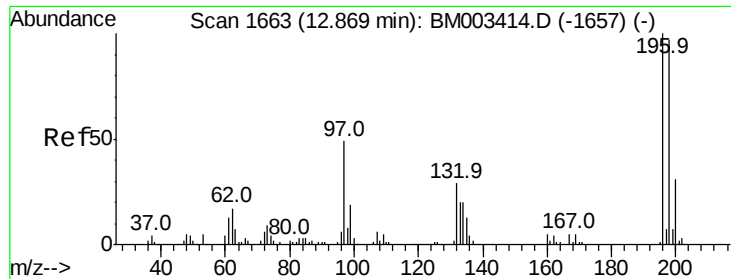
#42
 2,4,6-Trichlorophenol
 Concen: 44.91 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	93.6	76.3	114.5
200	32.2	25.6	38.4



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





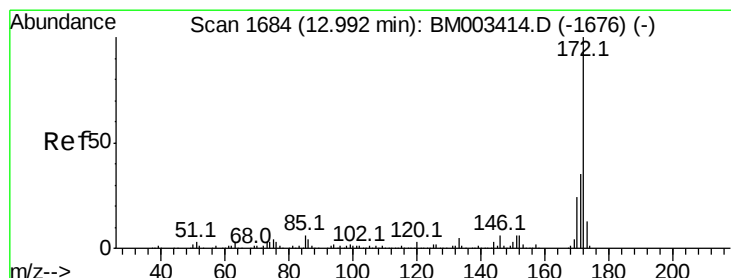
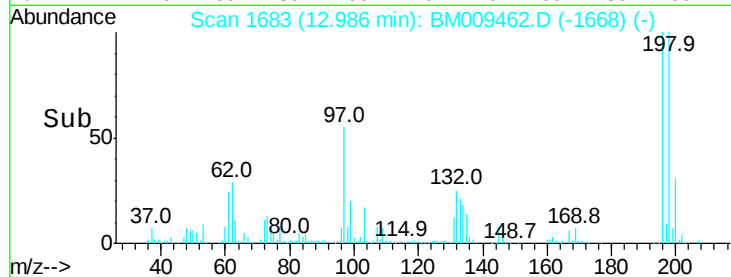
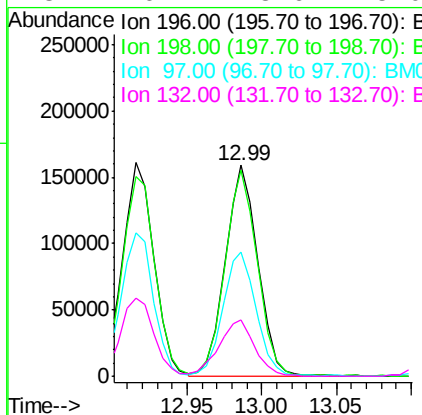
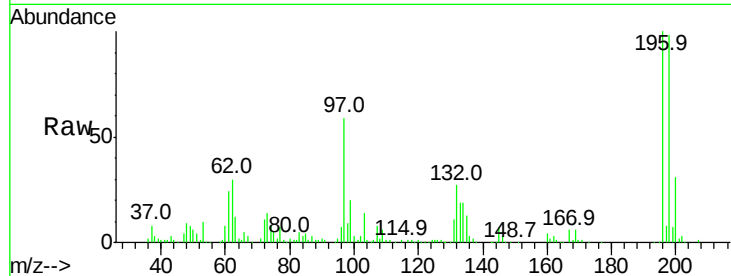
#43
 2,4,5-Trichlorophenol
 Concen: 42.01 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BS

Tot Ion:	196	Resp:	243945
Ion Ratio	Lower	Upper	
196	100		
198	97.7	79.4	119.0
97	58.7	26.8	40.2#
132	26.7	18.6	28.0

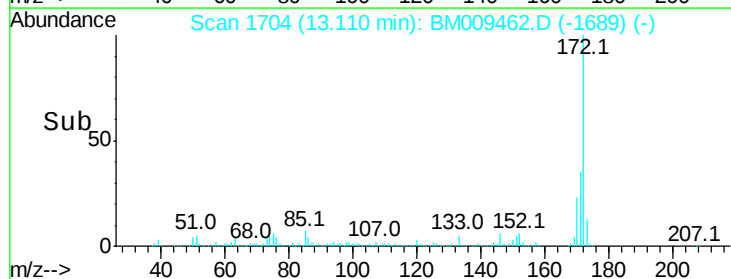
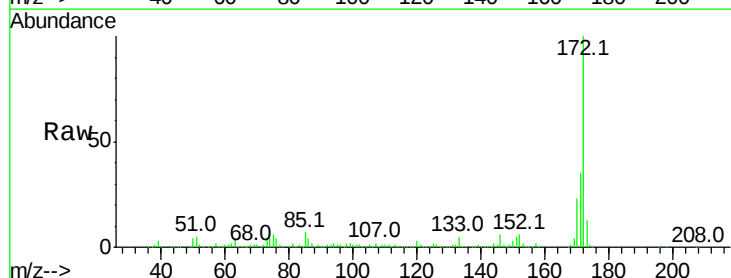
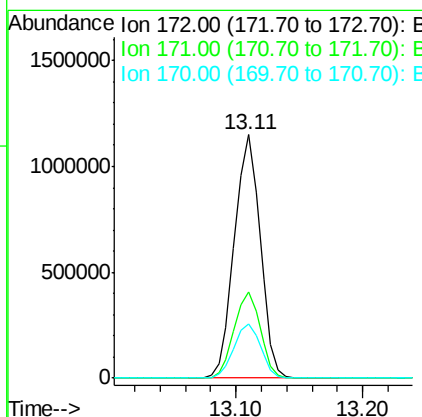
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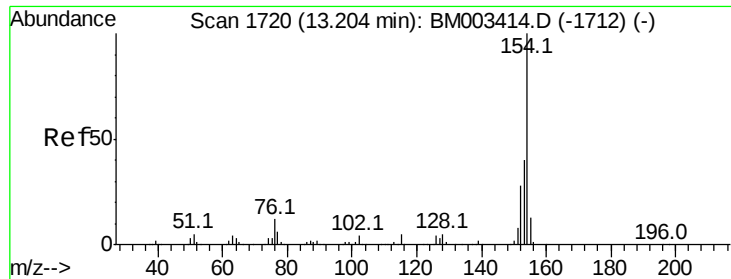
mohammad
 3/31/2017 2:12:04 PM



#44
 2-Fluorobiphenyl
 Concen: 81.27 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Tgt Ion:	172	Resp:	1626132
Ion Ratio	Lower	Upper	
172	100		
171	35.2	28.5	42.7
170	22.5	18.8	28.2





#45

1,1'-Biphenyl

Concen: 41.47 ng

RT: 13.32 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Instrument :

BNA_M

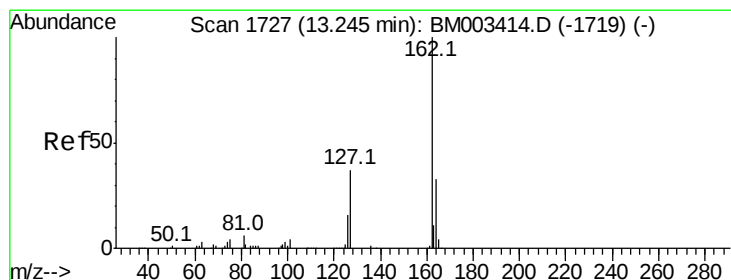
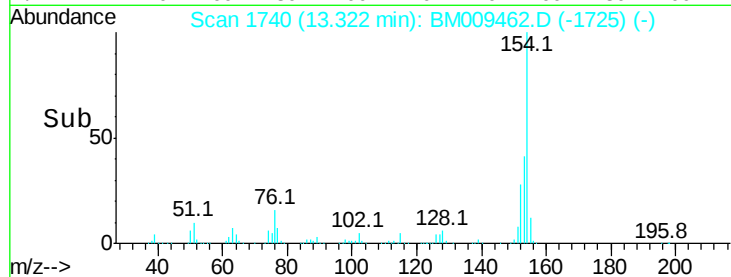
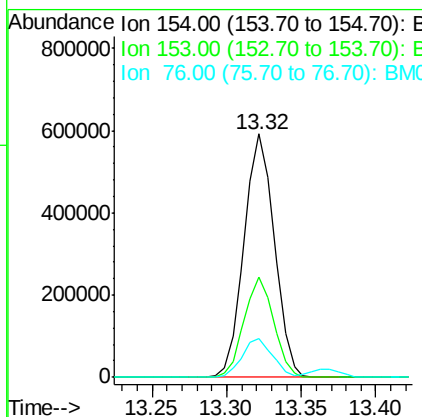
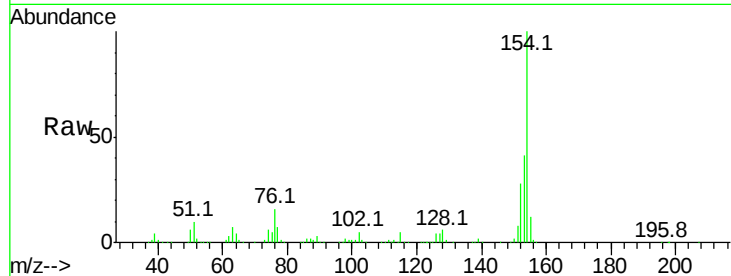
ClientSampleId :

PB97933BS

Tot Ion:	154	Resp:	832041
Ion Ratio	Lower	Upper	
154	100		
153	41.3	20.7	60.7
76	15.8	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 42.62 ng

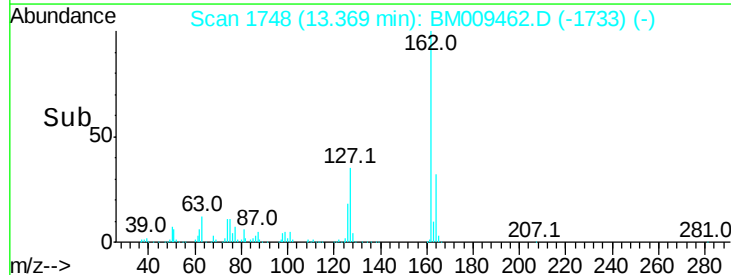
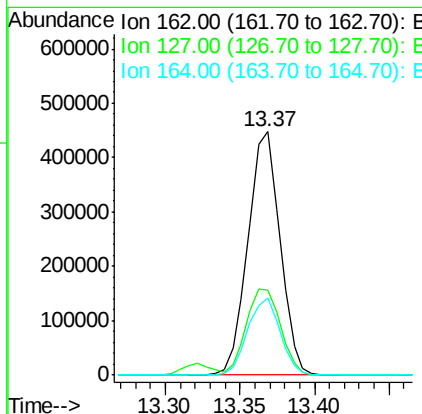
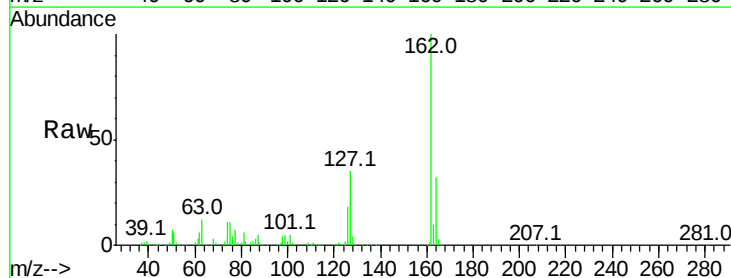
RT: 13.37 min Scan# 1748

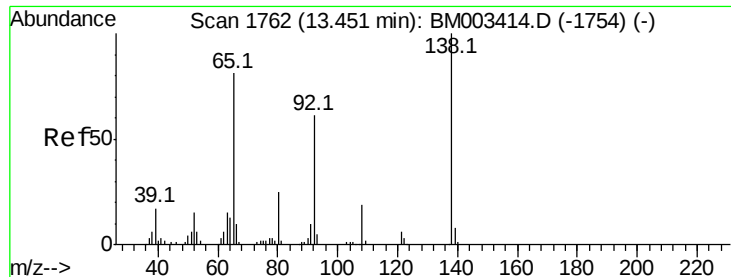
Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Tgt Ion:	162	Resp:	664311
Ion Ratio	Lower	Upper	
162	100		
127	34.7	26.9	40.3
164	31.7	26.8	40.2





#47

2-Nitroaniline

Concen: 43.37 ng

RT: 13.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Instrument :

BNA_M

ClientSampleId :

PB97933BS

Tot Ion: 65 Resp: 249022

Ion Ratio Lower Upper

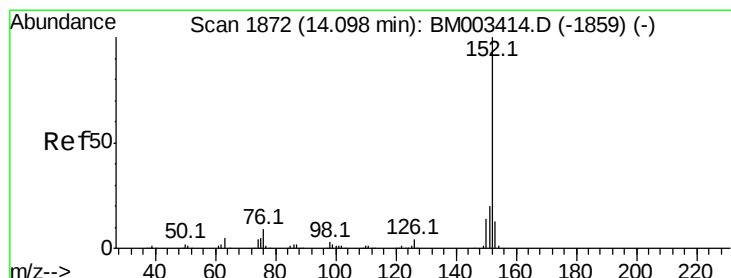
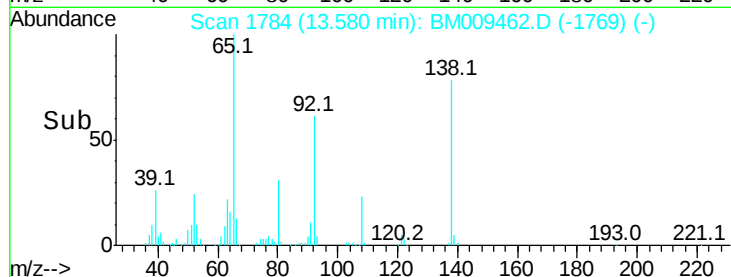
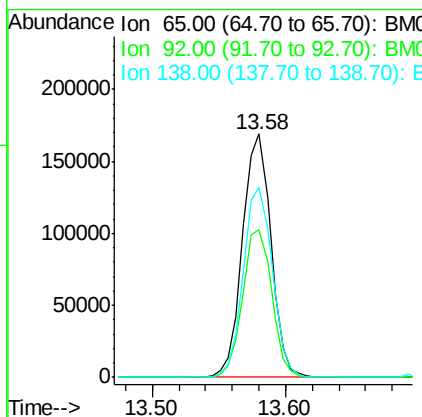
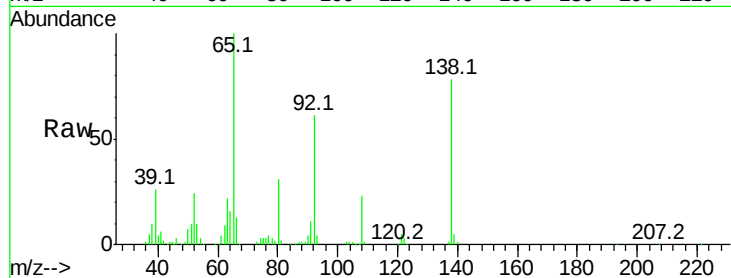
65 100

92 60.9 59.1 88.7

138 77.8 93.9 140.9#

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#48

Acenaphthylene

Concen: 40.77 ng

RT: 14.22 min Scan# 1892

Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

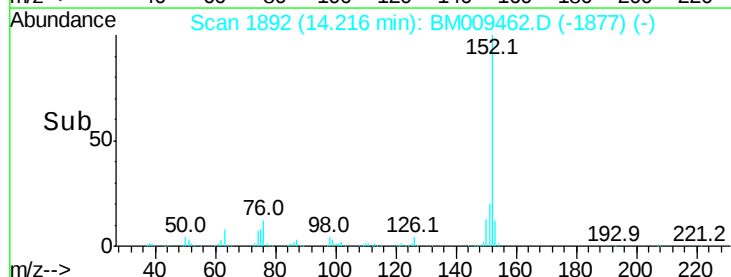
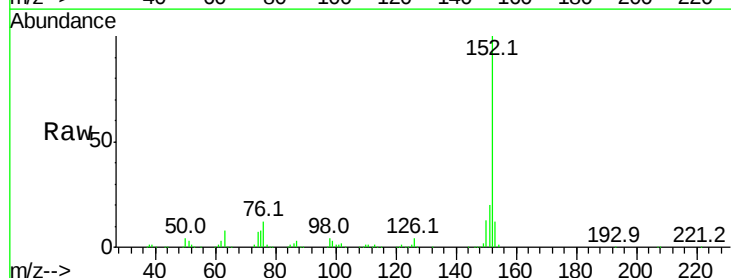
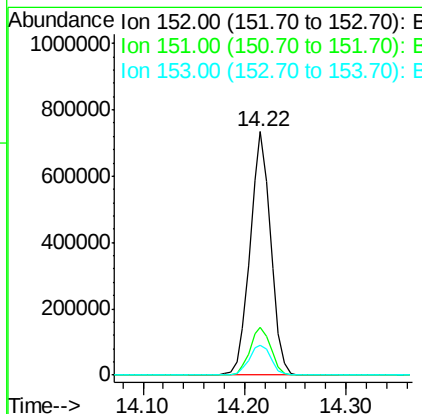
Tgt Ion: 152 Resp: 1035055

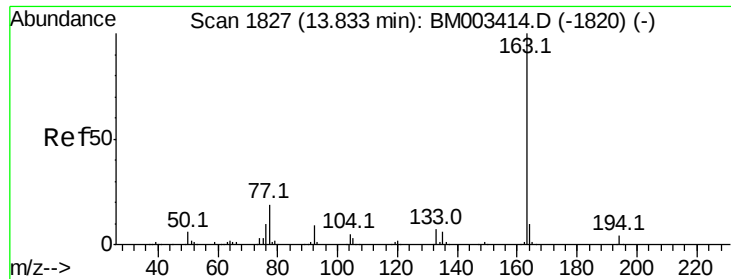
Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 12.4 10.6 16.0





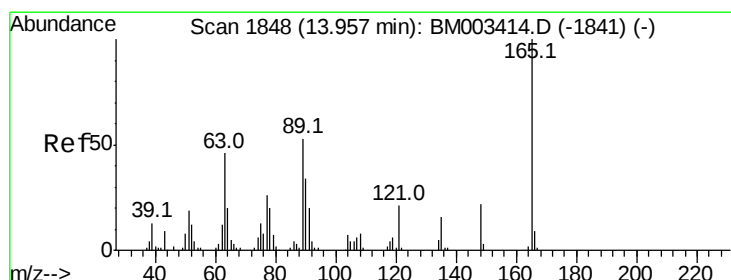
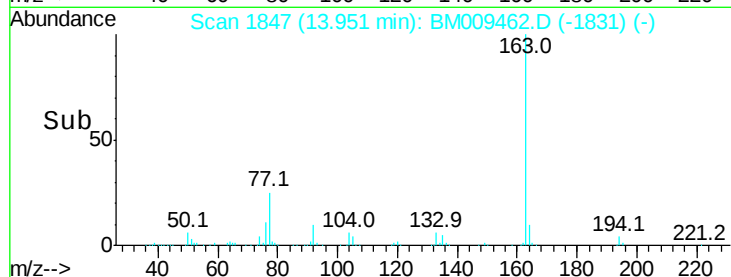
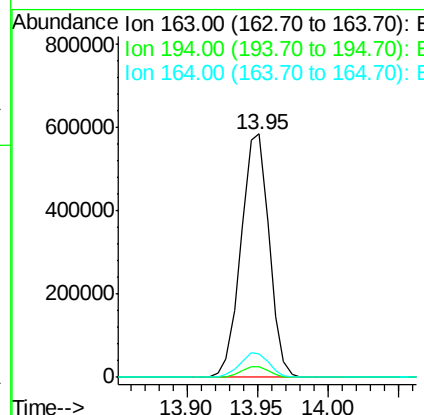
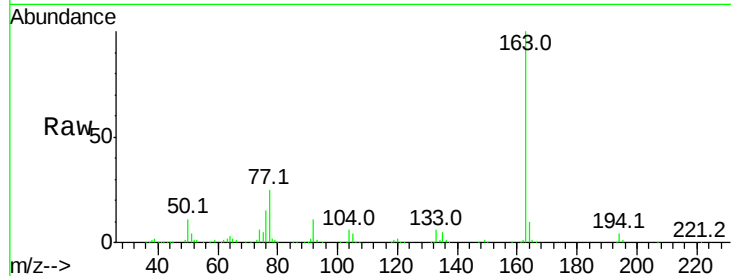
#49
Dimethylphthalate
Concen: 43.99 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	814347		
194	4.2	2.7	4.1#	
164	9.7	8.2	12.2	

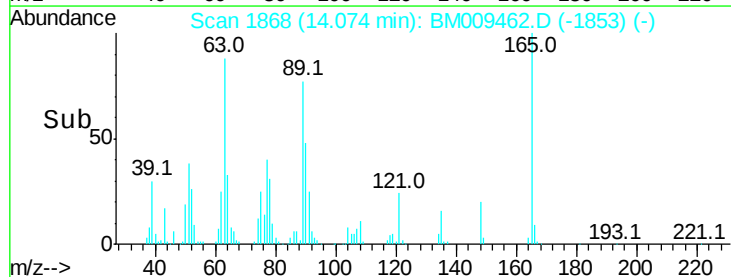
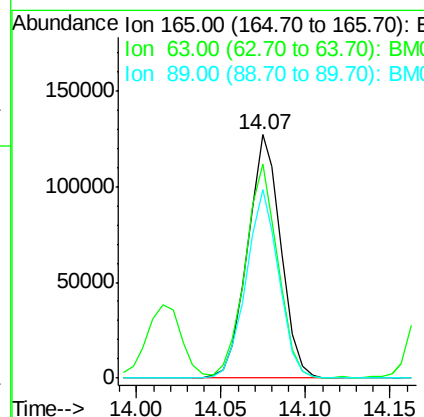
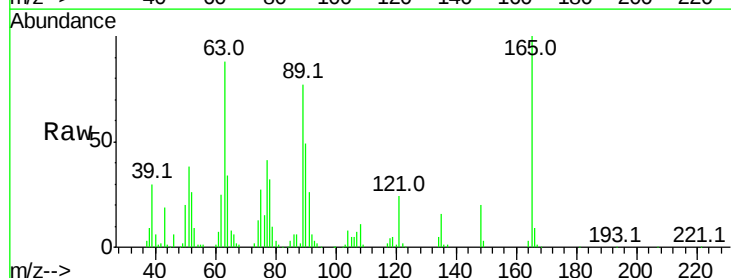
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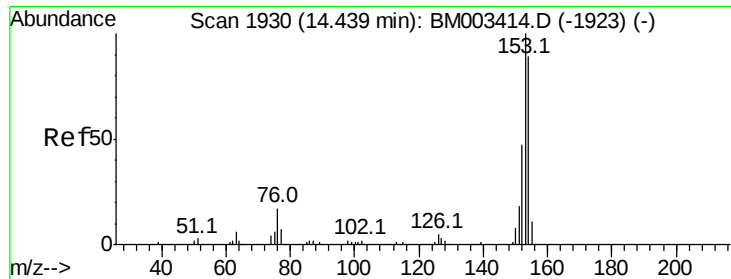
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#50
2,6-Dinitrotoluene
Concen: 43.59 ng
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	173875		
63	87.8	44.1	66.1#	
89	77.4	44.3	66.5#	





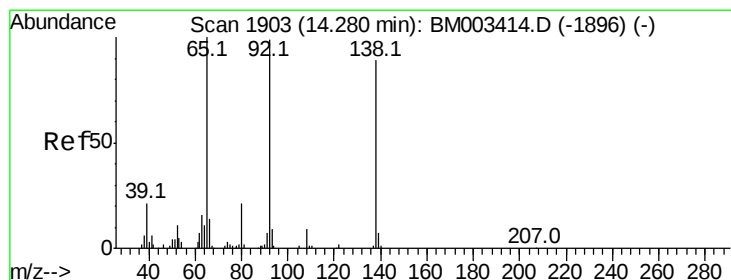
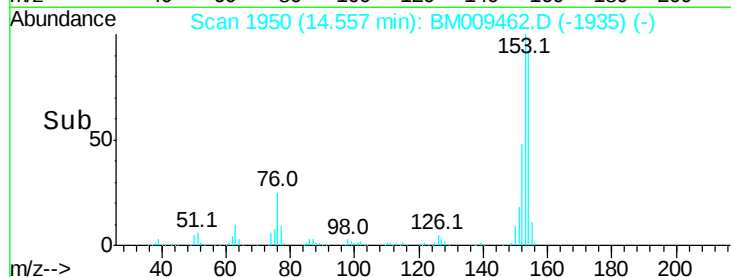
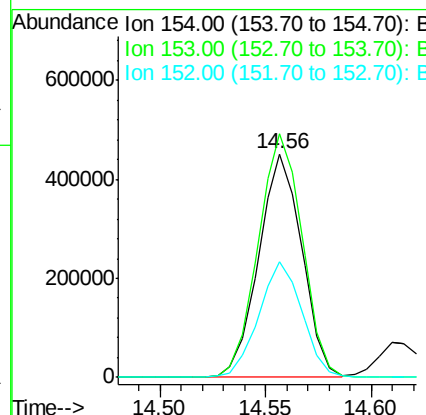
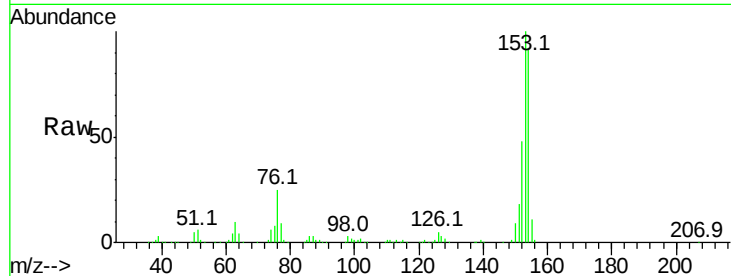
#51
Acenaphthene
Concen: 41.98 ng
RT: 14.56 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	108.8	90.0	135.0
152	51.9	42.6	63.8

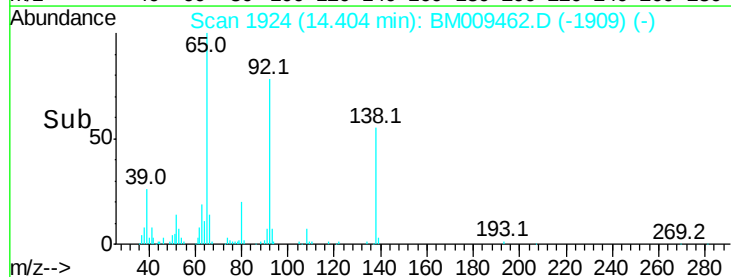
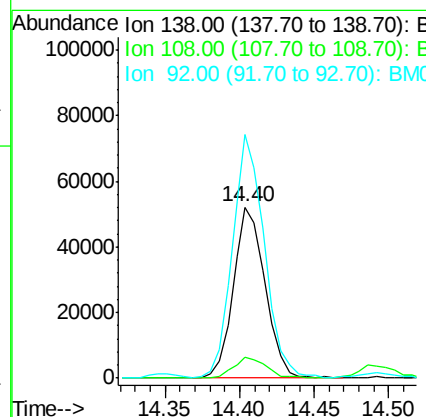
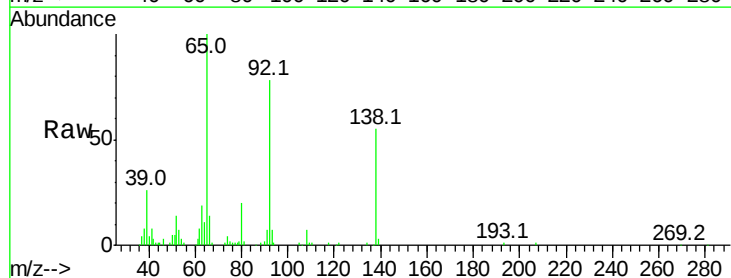
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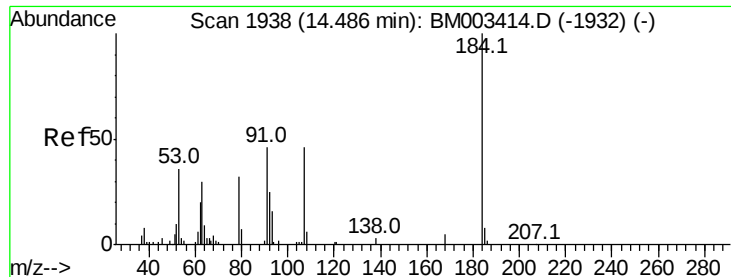
mohammad
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#52
3-Nitroaniline
Concen: 19.62 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.0	7.3	10.9#
92	142.5	76.6	114.8#





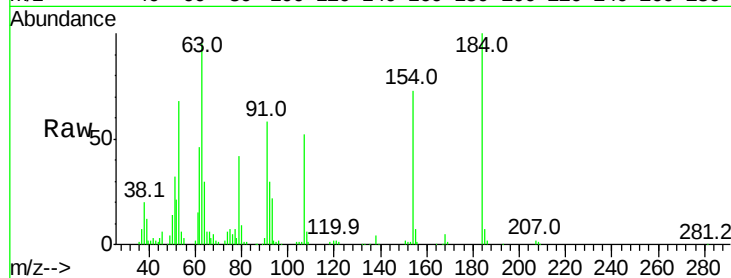
#53
2,4-Dinitrophenol
Concen: 53.66 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	95.3	69.2	103.8
154	72.6	53.3	79.9

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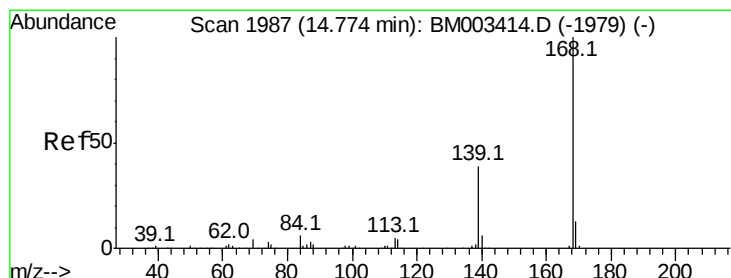
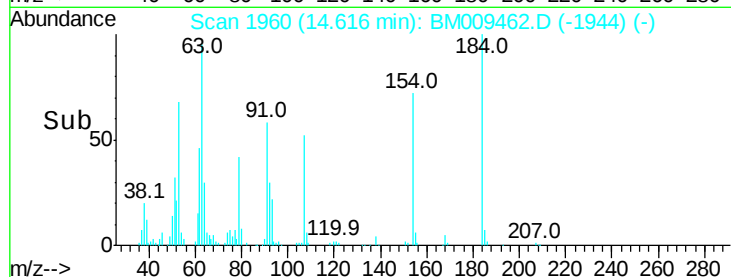
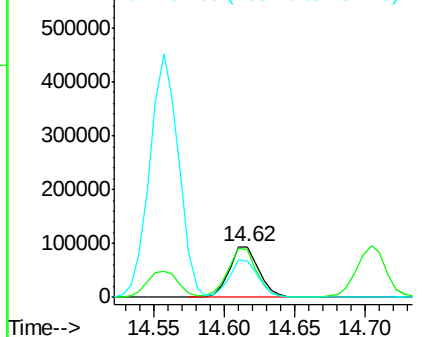


Abundance

Ion 184.00 (183.70 to 184.70): E

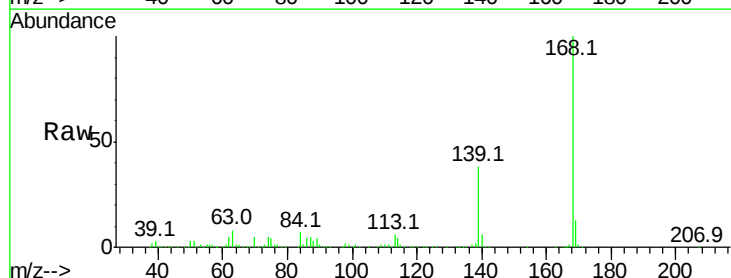
Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 45.78 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.7	27.3	40.9
169	13.1	10.6	16.0

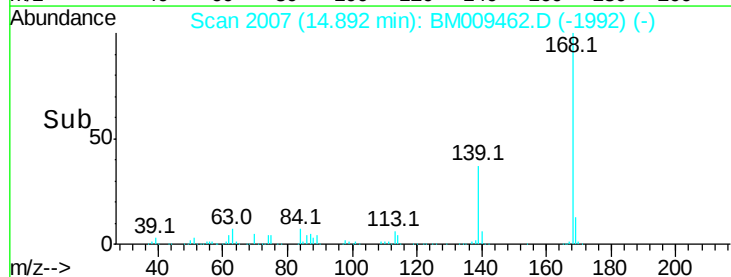
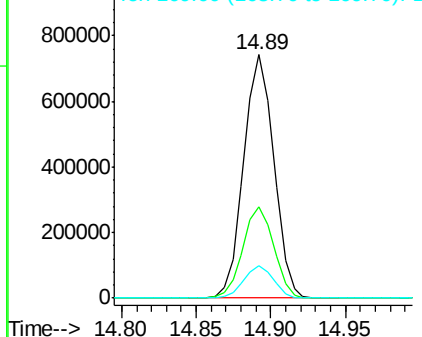


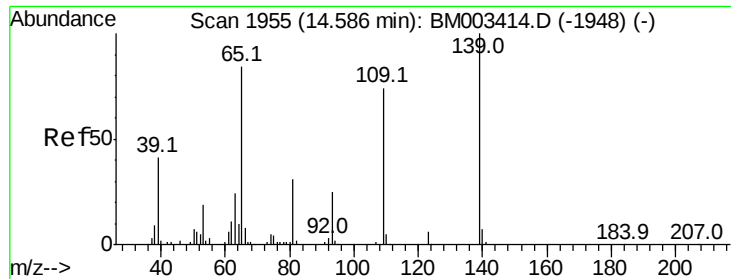
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





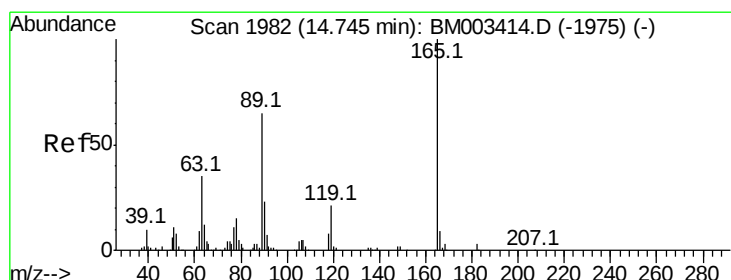
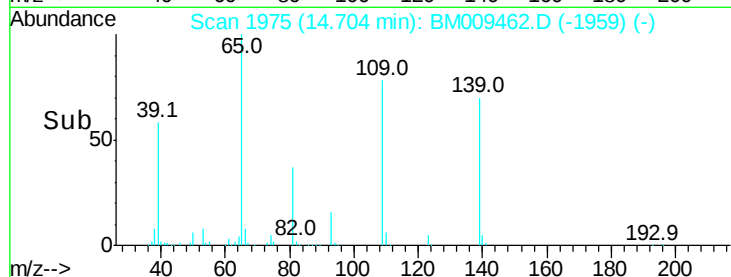
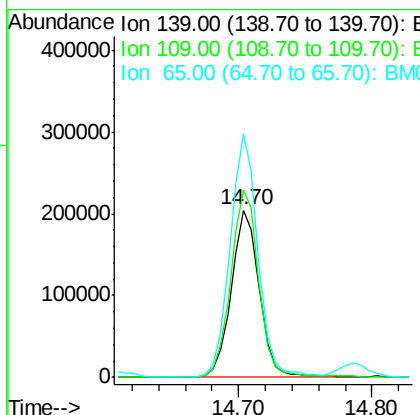
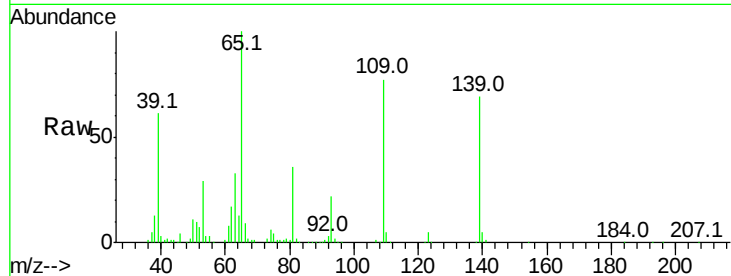
#55
4-Nitrophenol
Concen: 92.35 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	299991		
109	111.9	37.7	77.7#	
65	145.8	49.9	89.9#	

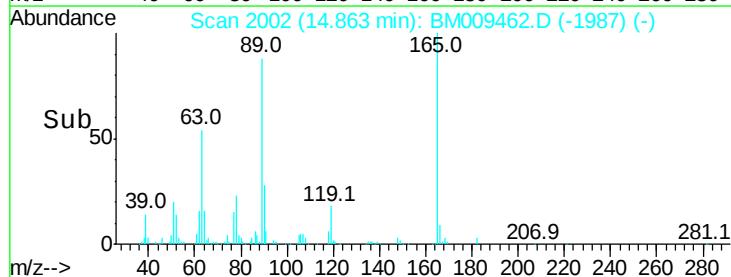
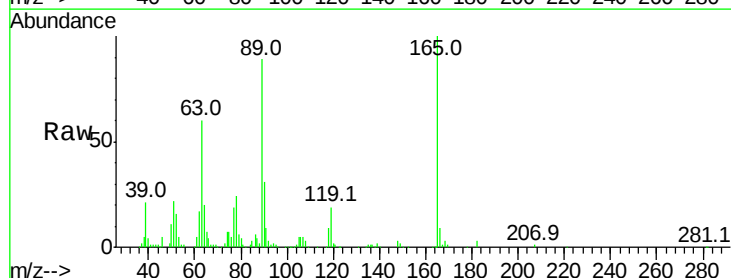
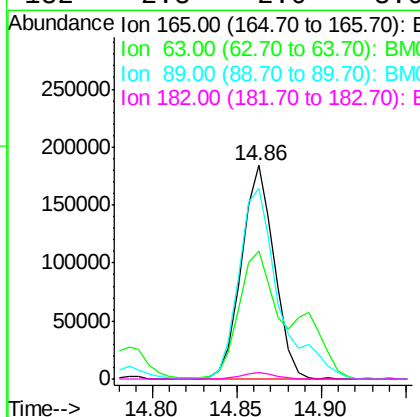
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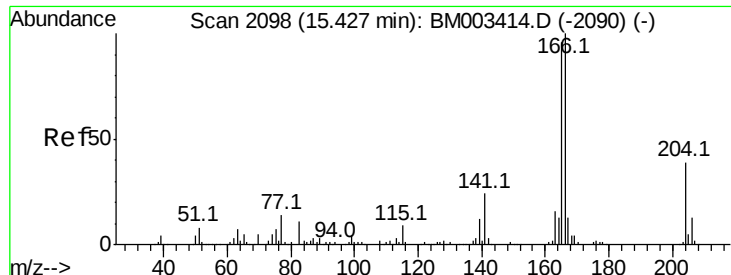
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#56
2,4-Dinitrotoluene
Concen: 45.97 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	248068		
63	60.2	52.4	78.6	
89	89.5	72.4	108.6	
182	2.8	2.0	3.0	





#57

Fluorene

Concen: 41.36 ng

RT: 15.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Instrument :

BNA_M

ClientSampleId :

PB97933BS

Tot Ion:166 Resp: 842058

Ion Ratio Lower Upper

166 100

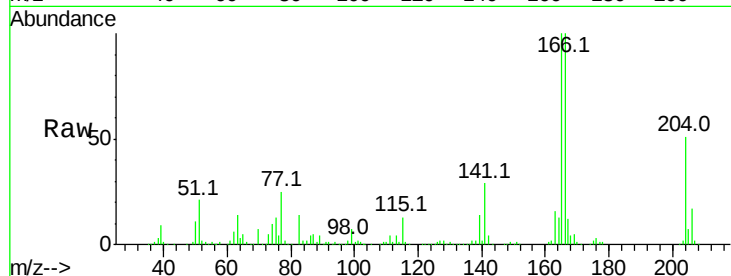
165 100.0 79.0 118.4

167 12.2 10.3 15.5

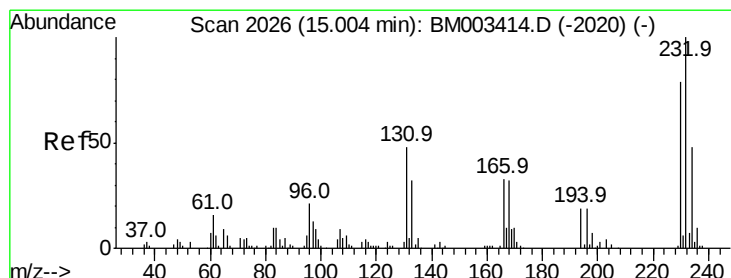
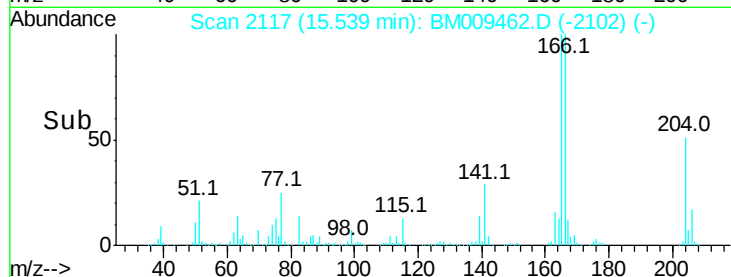
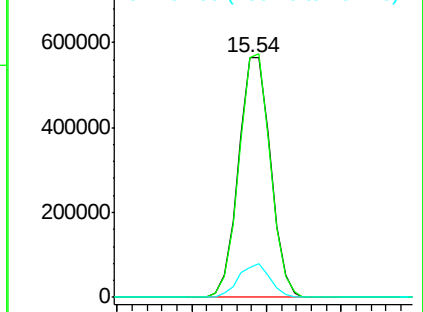
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.93 ng

RT: 15.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Tgt Ion:232 Resp: 235392

Ion Ratio Lower Upper

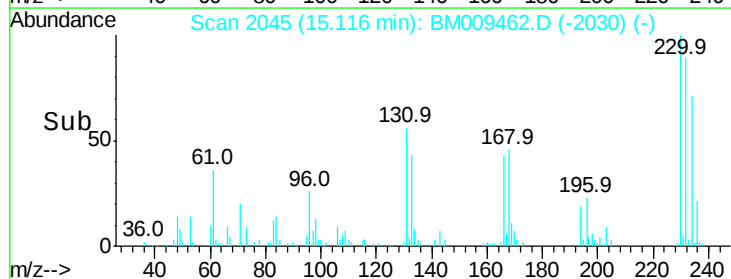
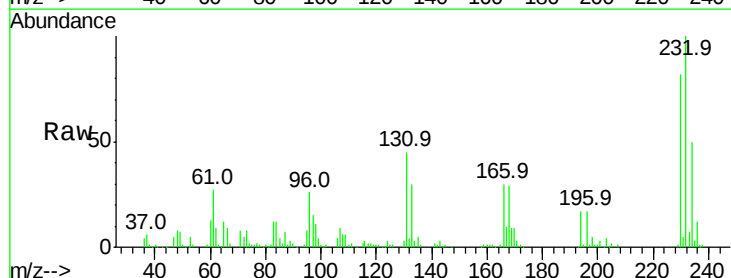
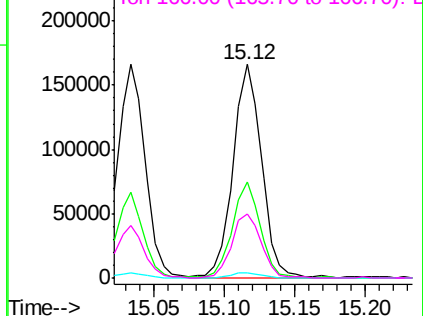
232 100

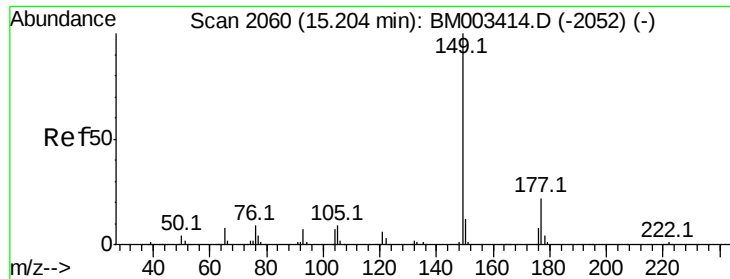
131 43.8 0.0 0.0#

130 2.7 0.0 0.0#

166 30.9 0.0 0.0#

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





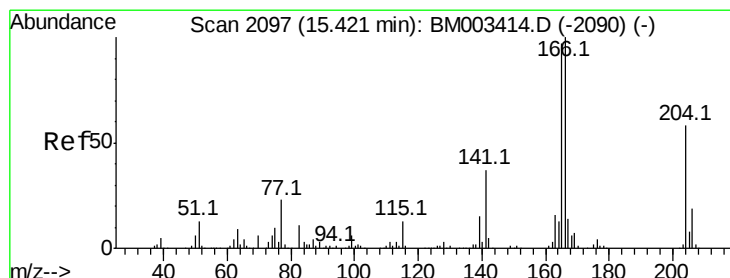
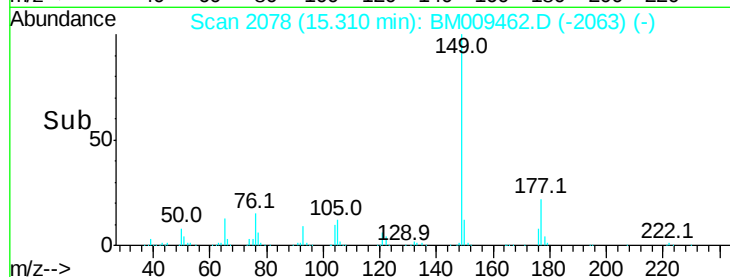
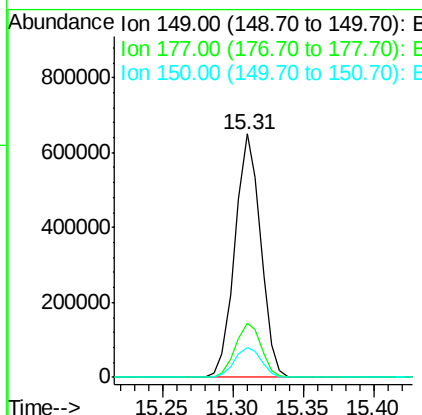
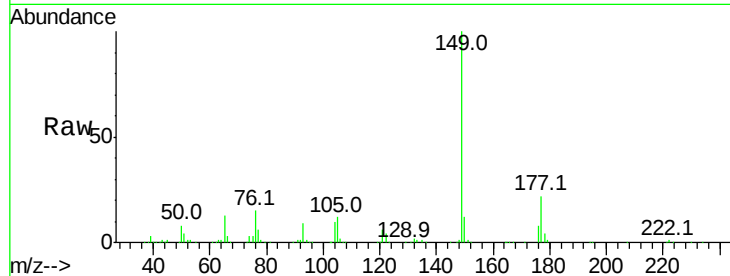
#59
Diethylphthalate
Concen: 43.88 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	823945		
177	22.0		18.3	27.5
150	12.3		9.8	14.8

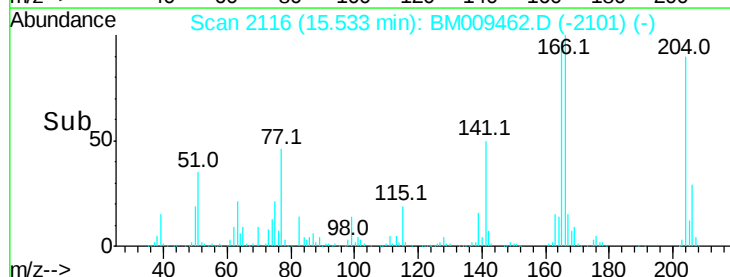
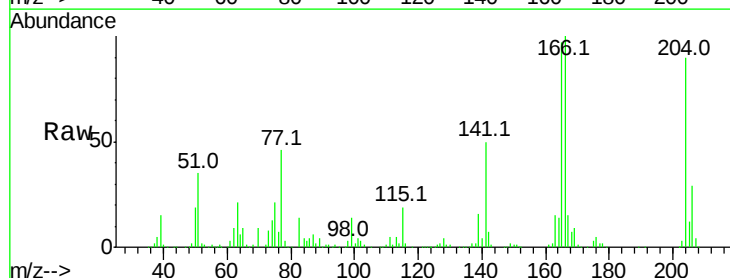
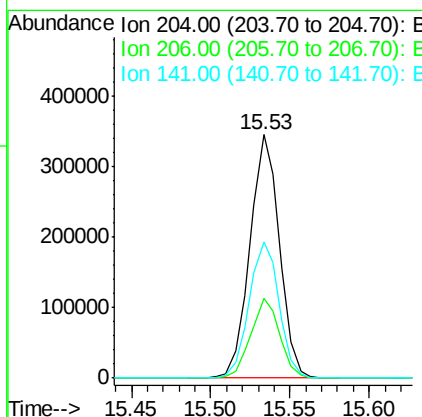
Manual Integrations
APPROVED

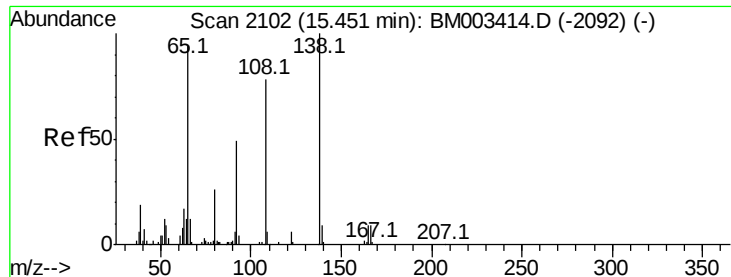
mohammad
3/31/2017 2:12:04 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.99 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	446332		
206	32.7		26.6	39.8
141	55.8		45.2	67.8





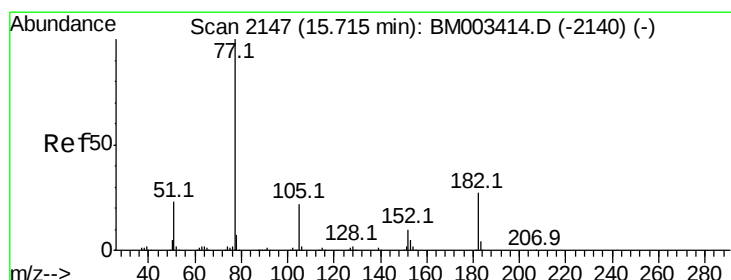
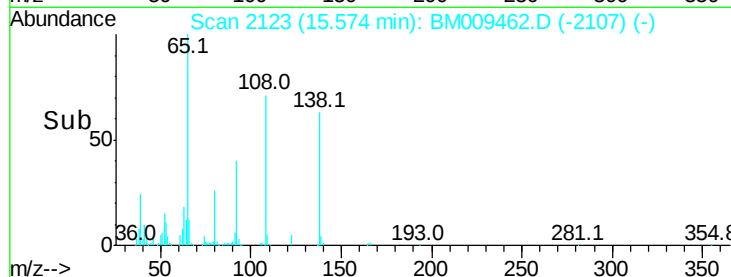
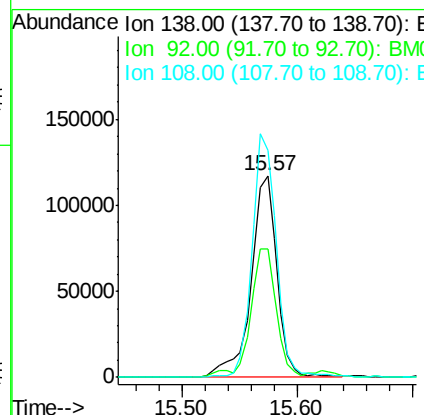
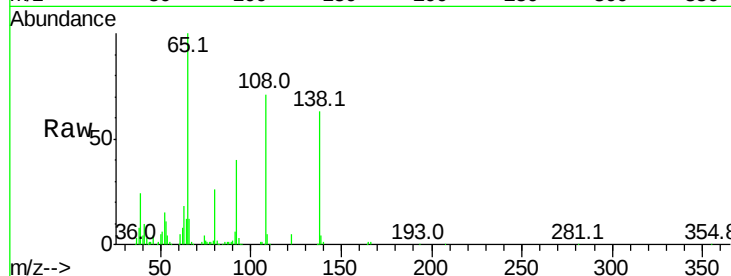
#61
4-Nitroaniline
Concen: 43.14 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	63.7	16.7	56.7#
108	112.4	37.6	77.6#

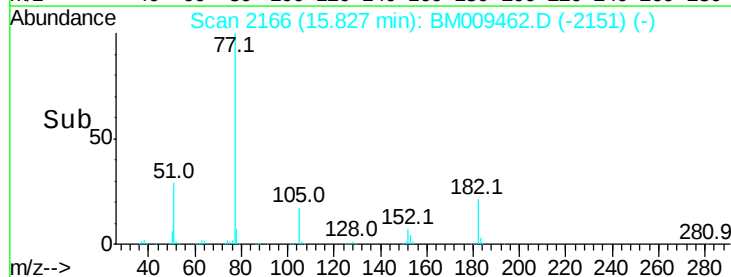
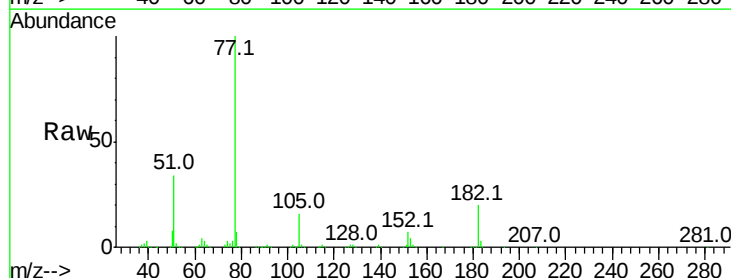
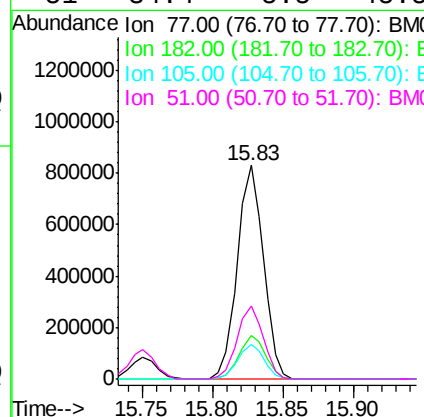
Manual Integrations
APPROVED

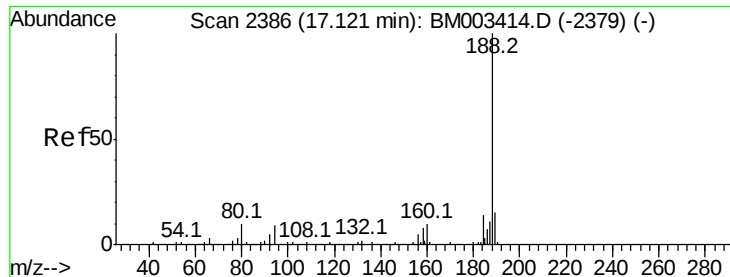
mohammad
3/31/2017 2:12:04 PM



#62
Azobenzene
Concen: 48.85 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.3	6.5	46.5
105	16.0	3.8	43.8
51	34.4	5.5	45.5





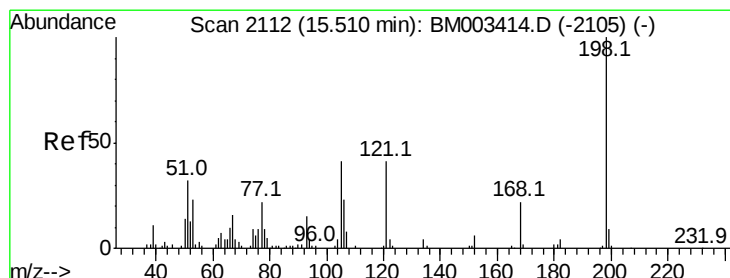
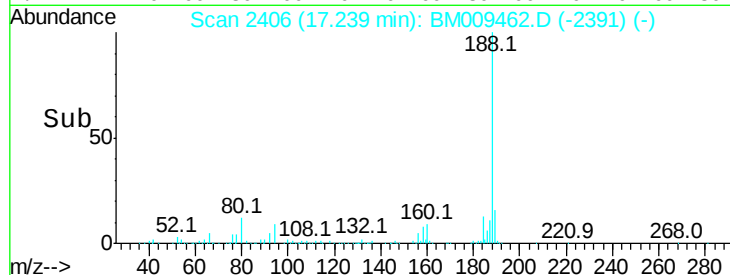
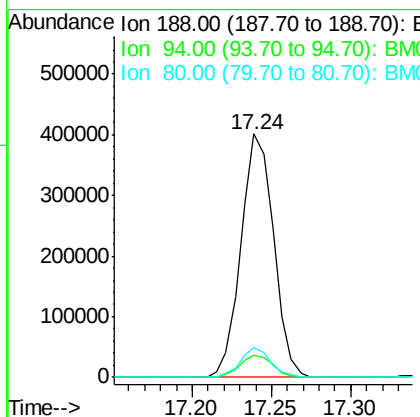
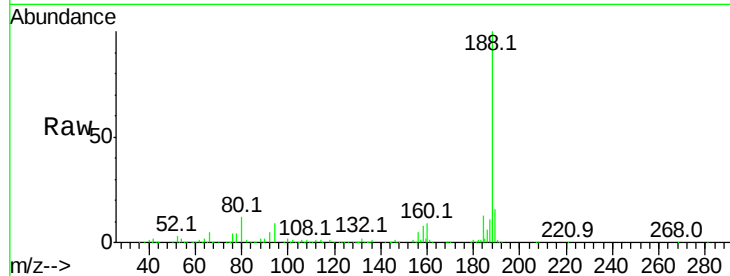
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampled :
PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	574006		
94	9.2		8.7	13.1
80	12.4		9.3	13.9

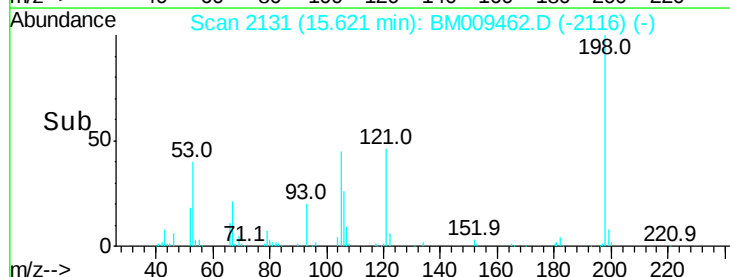
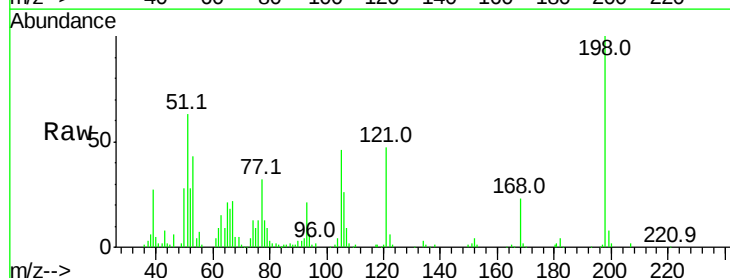
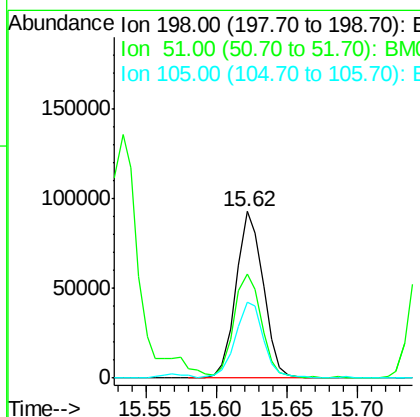
Manual Integrations
APPROVED

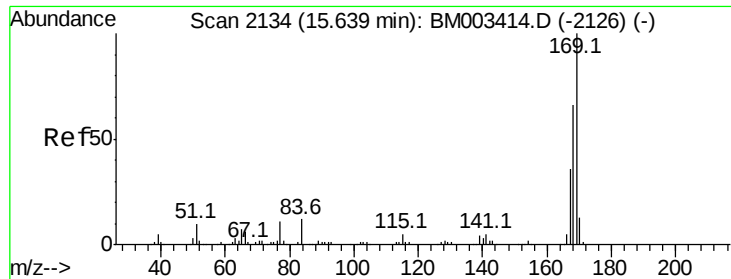
mohammad
3/31/2017 2:12:04 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 34.65 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	125322		
51	62.8		28.8	68.8
105	45.9		30.5	70.5





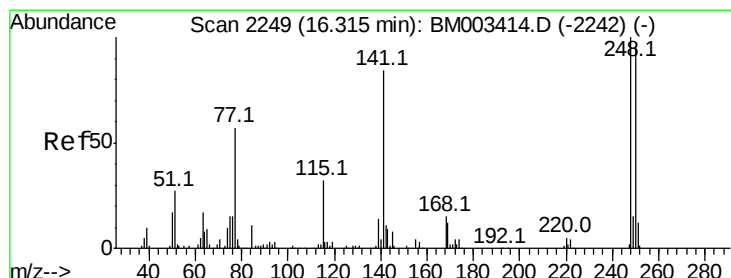
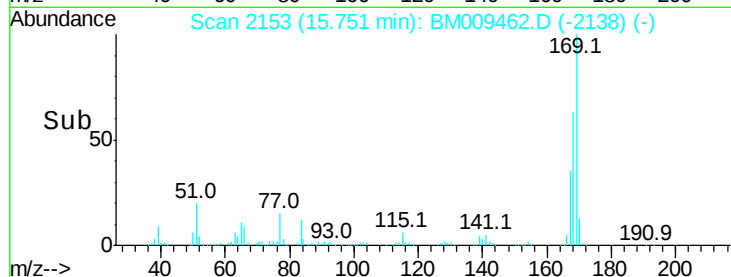
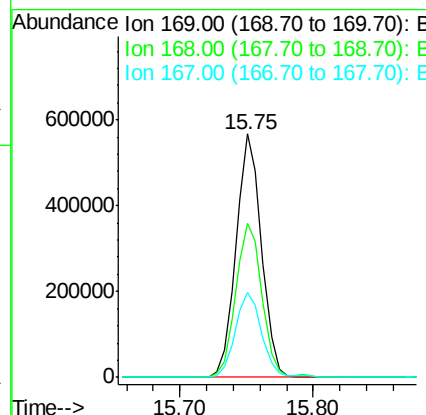
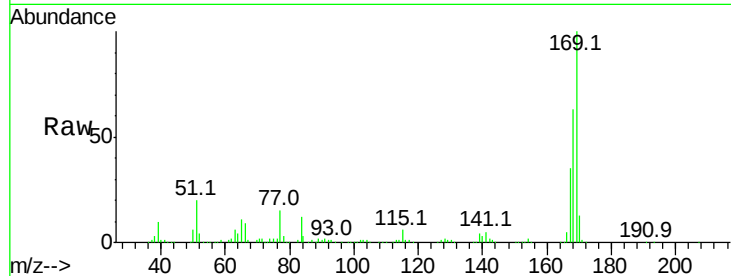
#65
 n-Nitrosodiphenylamine
 Concen: 43.15 ng
 RT: 15.75 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	752366		
168	63.3		53.9	80.9
167	34.9		28.9	43.3

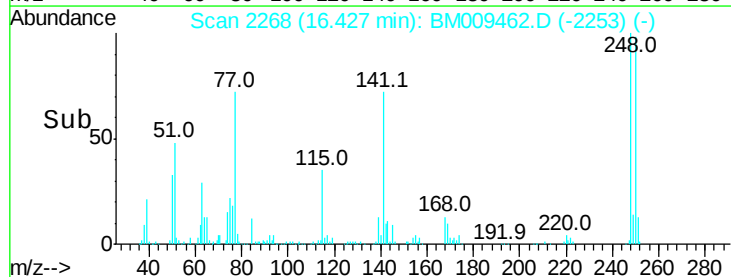
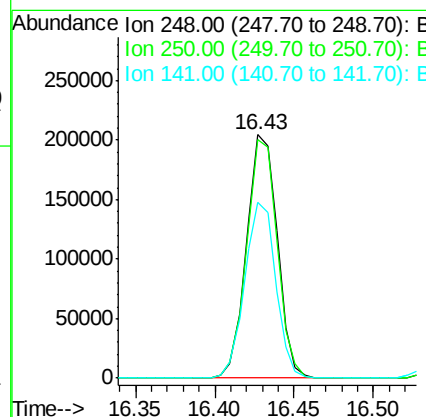
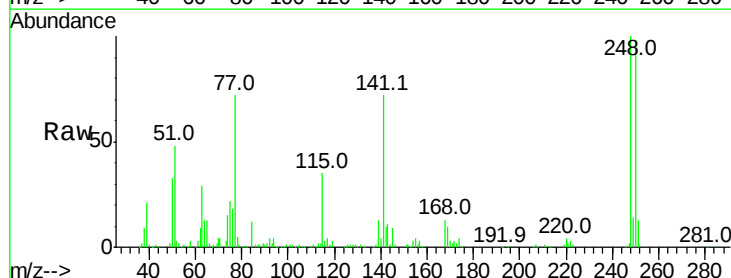
Manual Integrations
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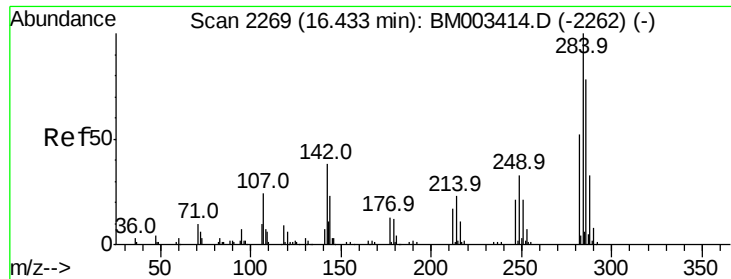
mohammad
 3/31/2017 2:12:04 PM



#66
 4-Bromophenyl-phenylether
 Concen: 41.57 ng
 RT: 16.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	276469		
250	97.7		77.4	116.0
141	72.0		45.2	67.8#





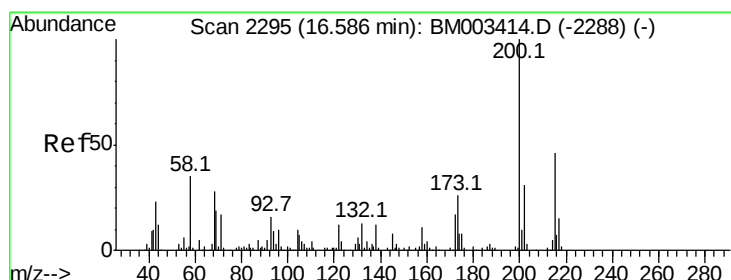
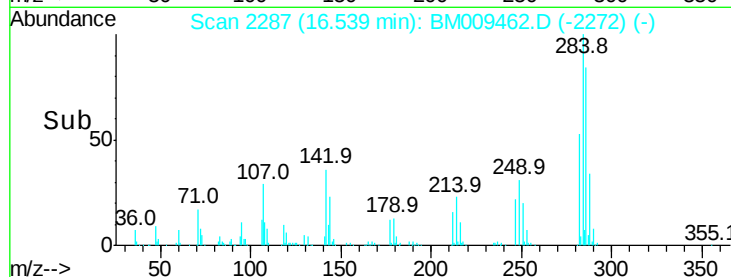
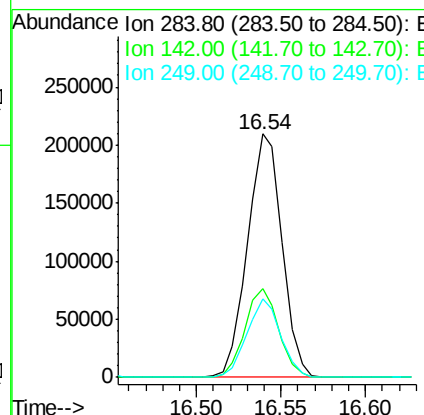
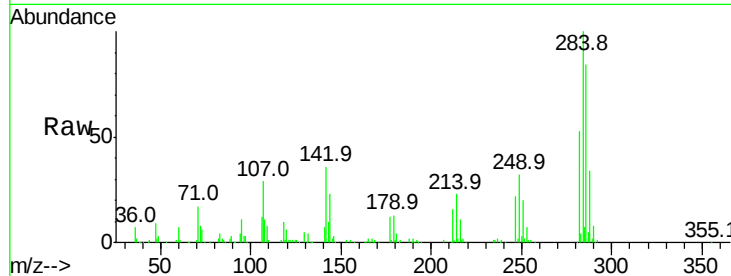
#67
Hexachlorobenzene
Concen: 40.90 ng
RT: 16.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampled :
PB97933BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	36.4	20.4	30.6#
249	32.2	23.8	35.6

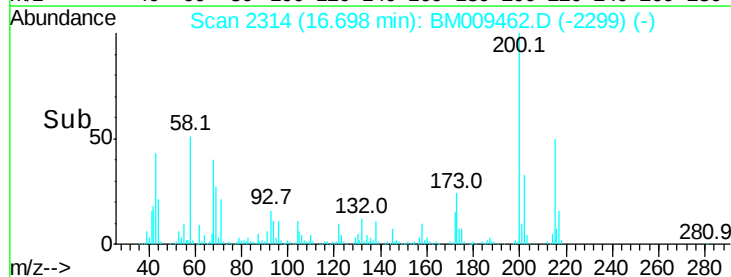
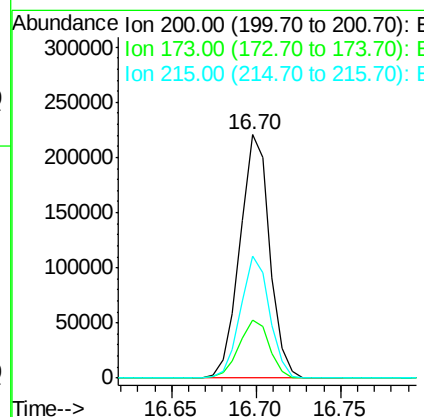
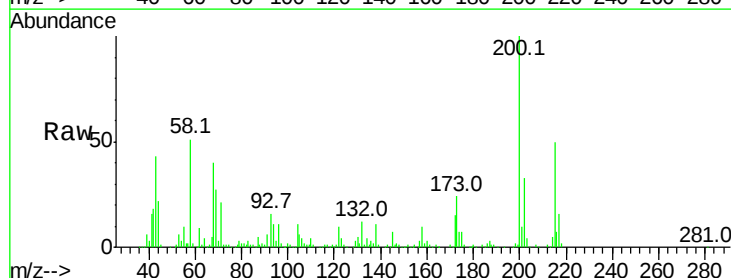
Manual Integrations
APPROVED

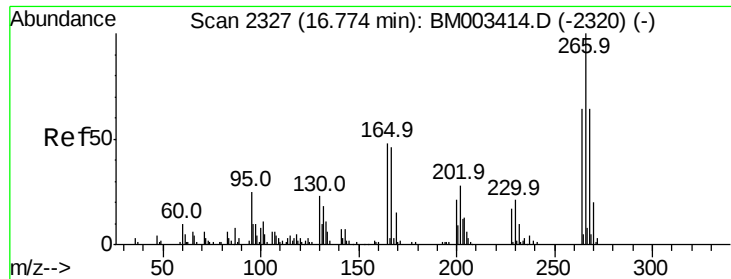
mohammad
3/31/2017 2:12:04 PM



#68
Atrazine
Concen: 41.23 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	23.7	4.8	44.8
215	49.9	26.9	66.9





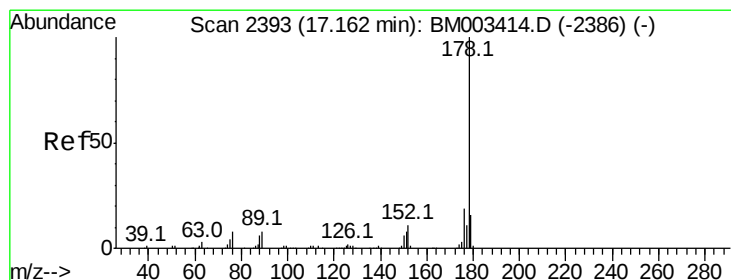
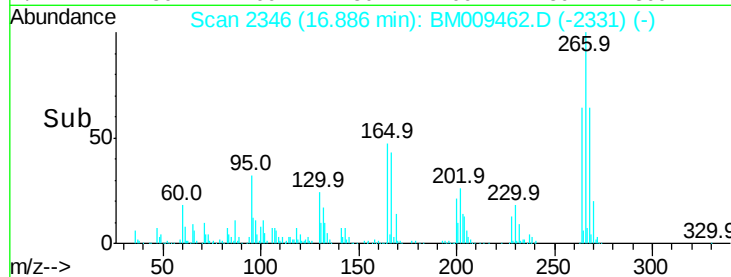
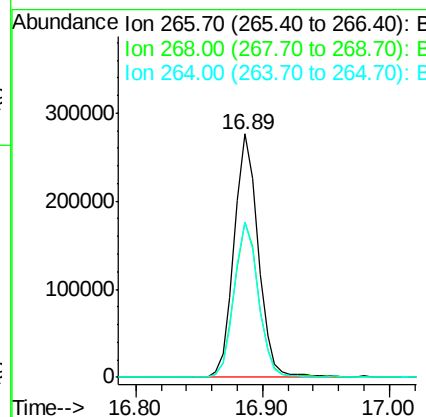
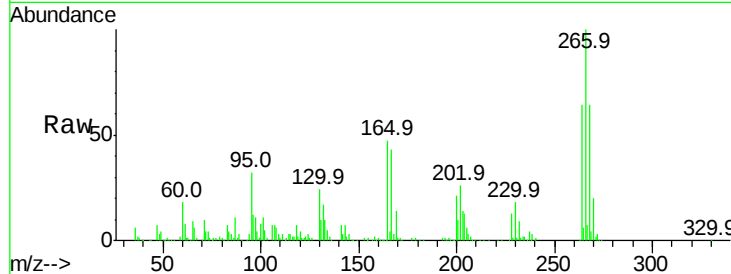
#69
 Pentachlorophenol
 Concen: 81.77 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	364118		
268	64.0	52.0	78.0	
264	63.6	49.0	73.4	

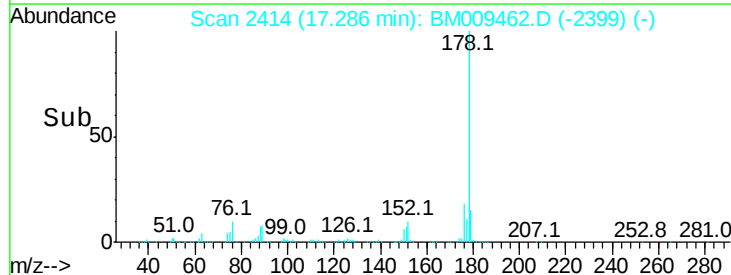
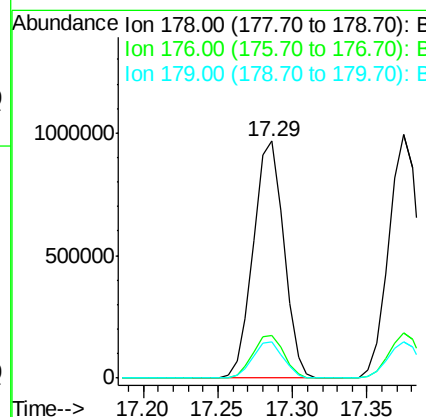
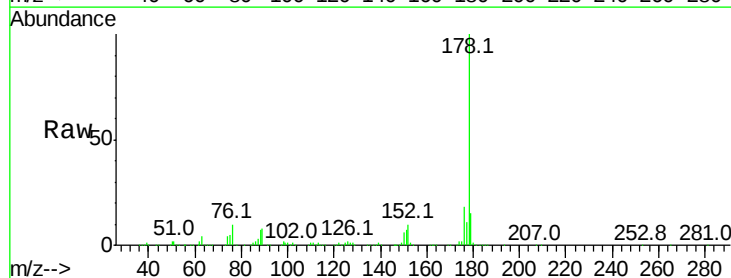
Manual Integrations
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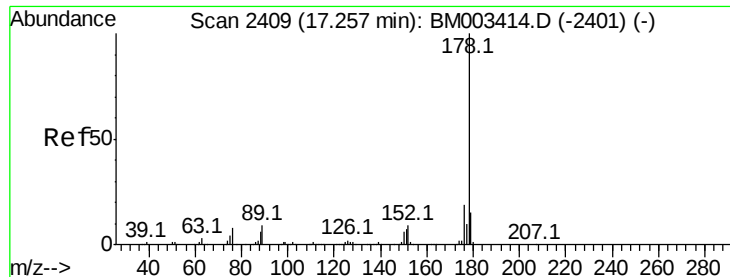
mohammad
 3/31/2017 2:12:04 PM



#70
 Phenanthrene
 Concen: 41.62 ng
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1366202		
176	18.1	15.2	22.8	
179	15.4	12.1	18.1	





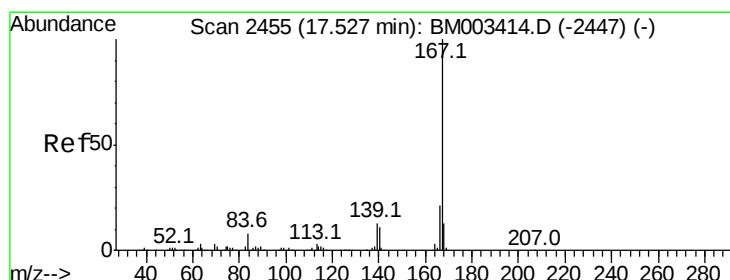
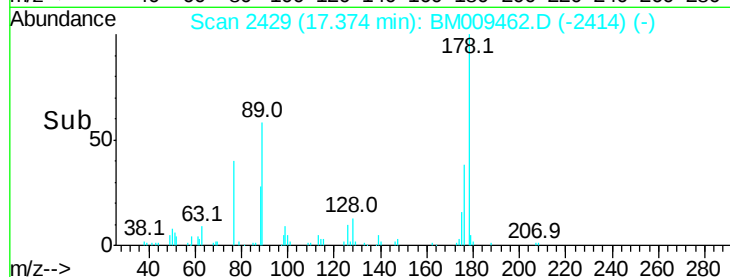
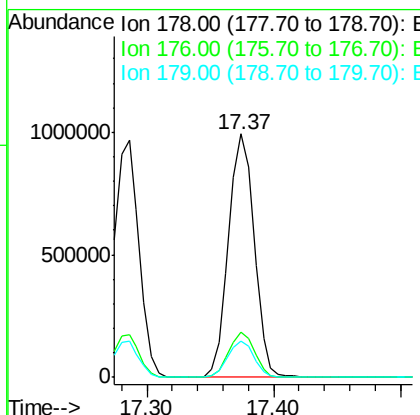
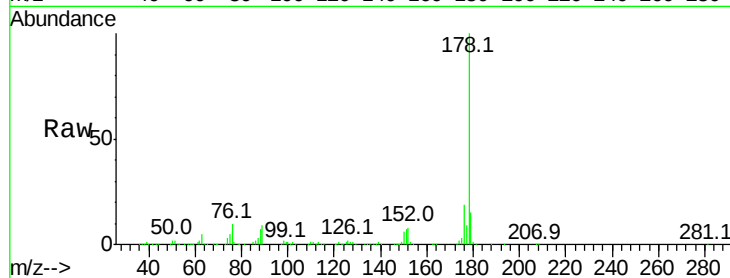
#71
 Anthracene
 Concen: 42.00 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.1	12.6	19.0

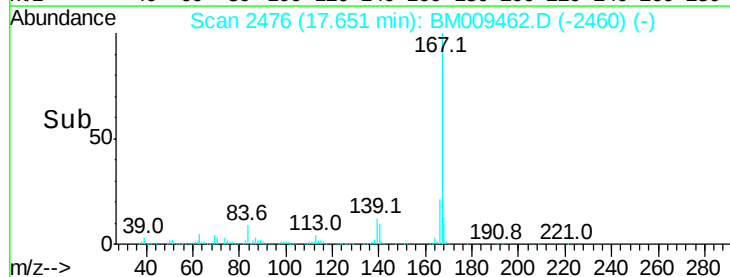
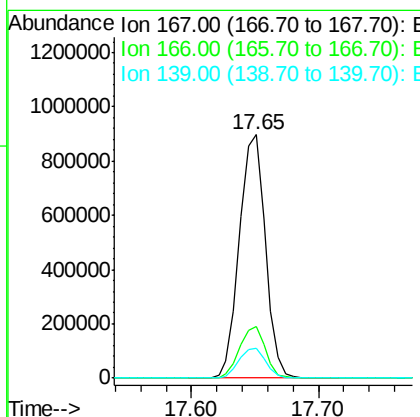
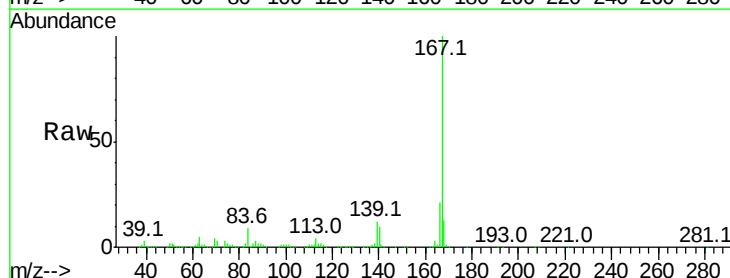
Manual Integrations
 APPROVED

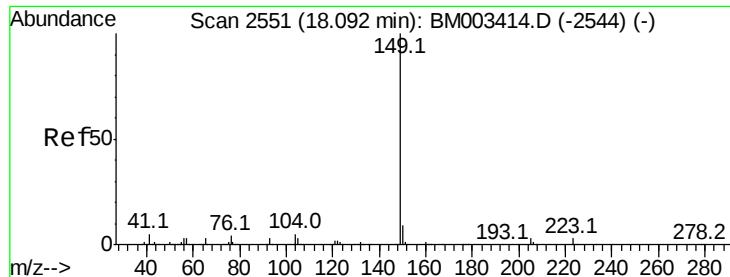
mohammad
 3/31/2017 2:12:04 PM



#72
 Carbazole
 Concen: 40.10 ng
 RT: 17.65 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.3	10.8	16.2





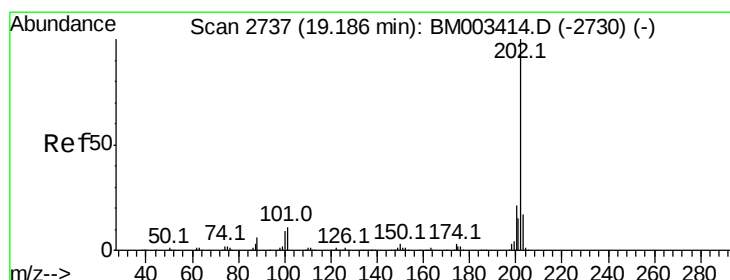
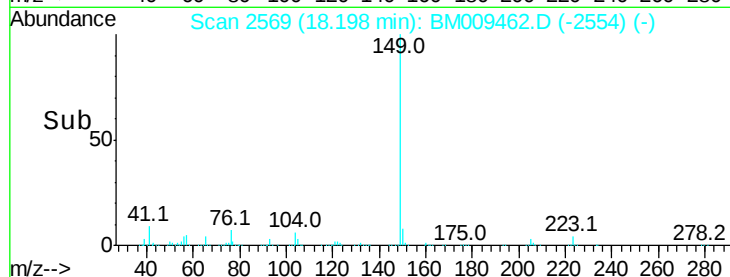
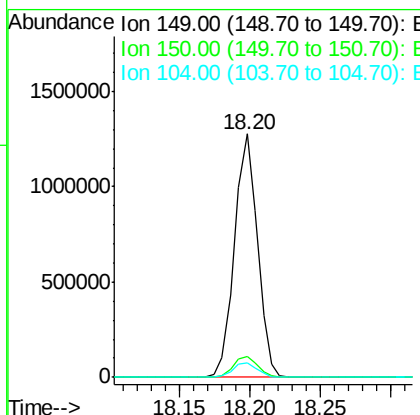
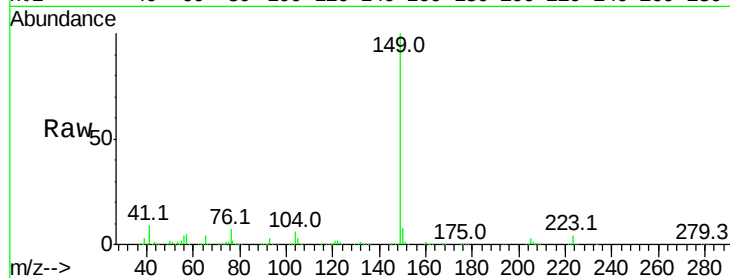
#73
Di-n-butylphthalate
Concen: 44.63 ng
RT: 18.20 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion:149 Resp: 1450928
Ion Ratio Lower Upper
149 100
150 8.5 7.5 11.3
104 5.9 3.7 5.5#

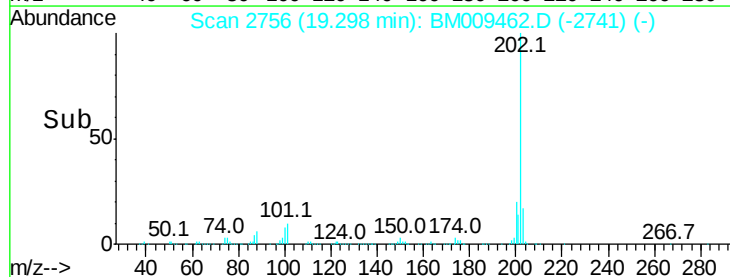
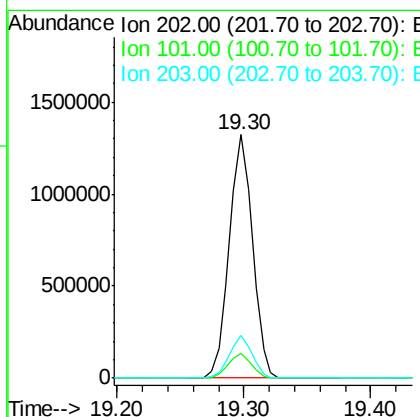
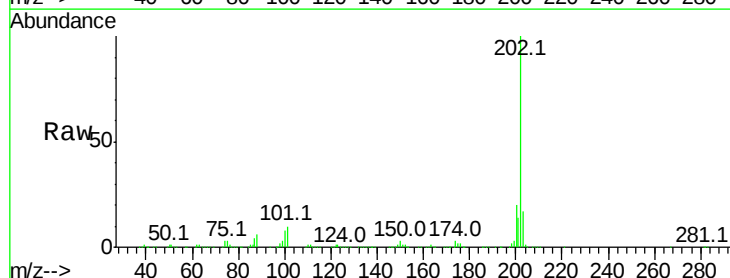
Manual Integrations
APPROVED

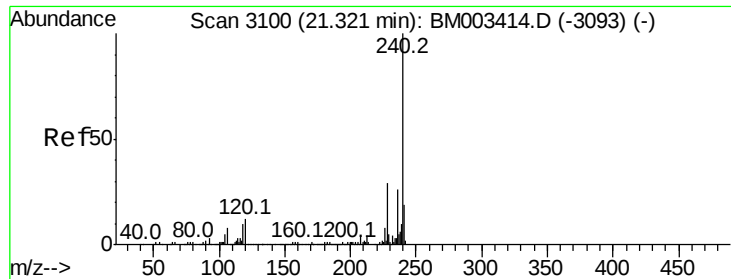
mohammad
3/31/2017 2:12:04 PM



#74
Fluoranthene
Concen: 43.13 ng
RT: 19.30 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion:202 Resp: 1676944
Ion Ratio Lower Upper
202 100
101 10.1 0.0 28.7
203 17.4 0.0 37.2





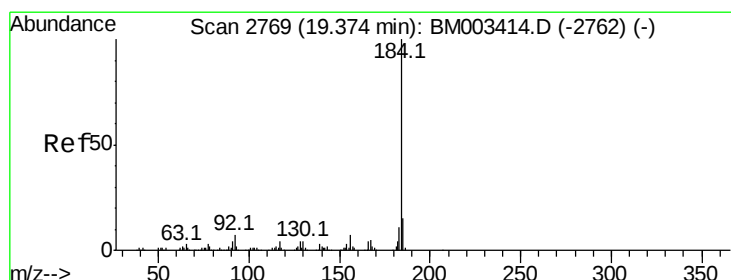
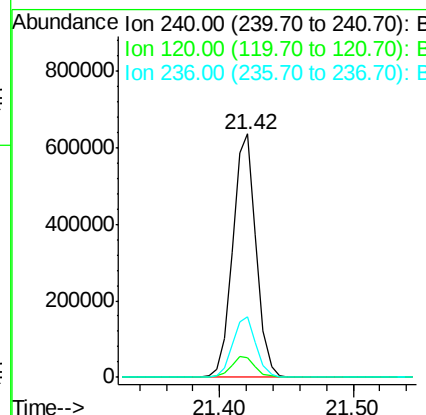
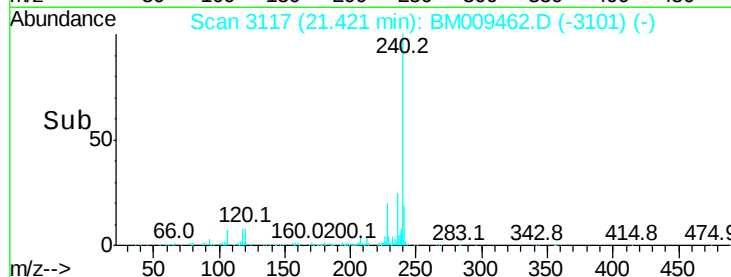
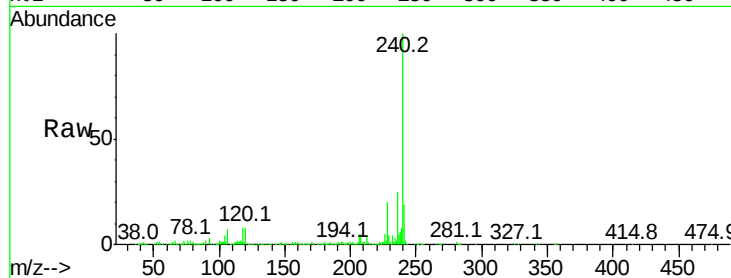
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.3	8.2	12.2
236	25.1	20.0	30.0

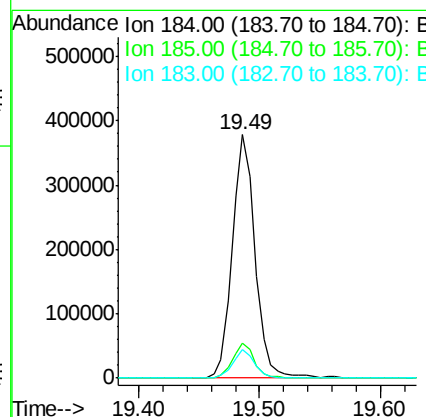
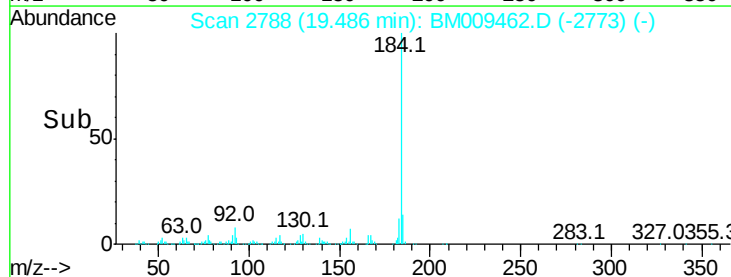
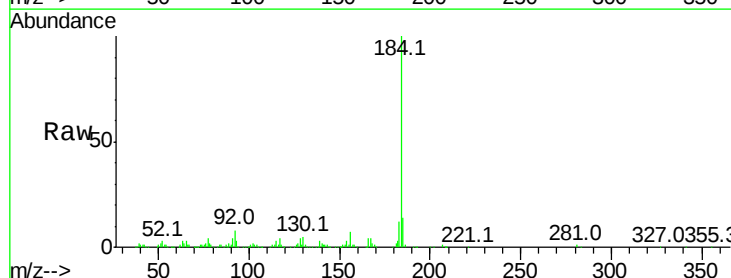
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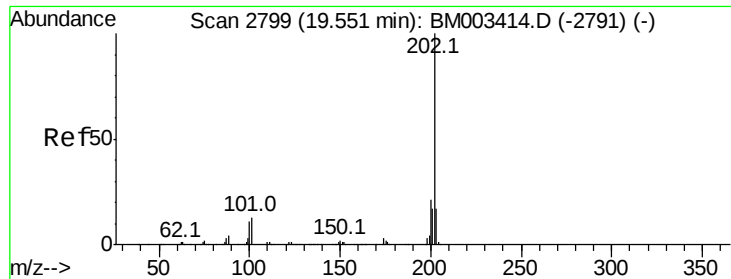
mohammad
3/31/2017 2:12:04 PM



#76
Benzidine
Concen: 21.38 ng
RT: 19.49 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	14.2	11.3	16.9
183	11.5	8.9	13.3





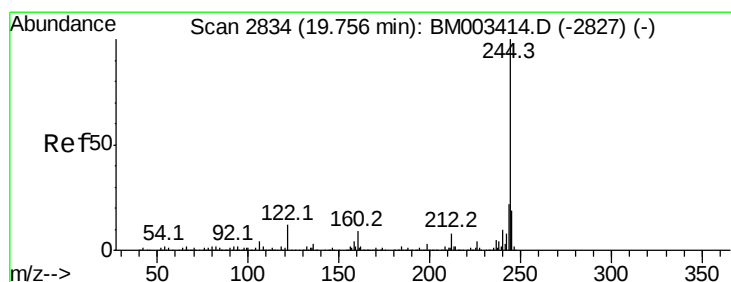
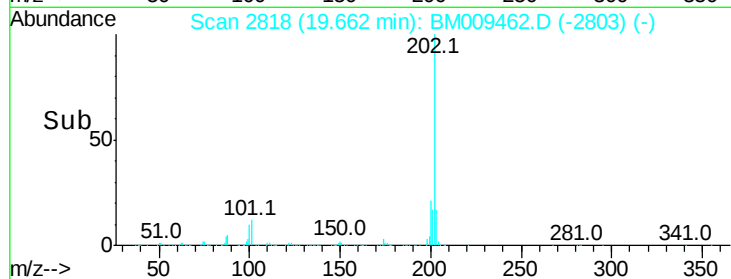
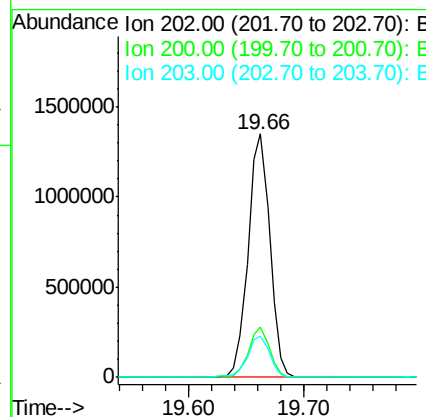
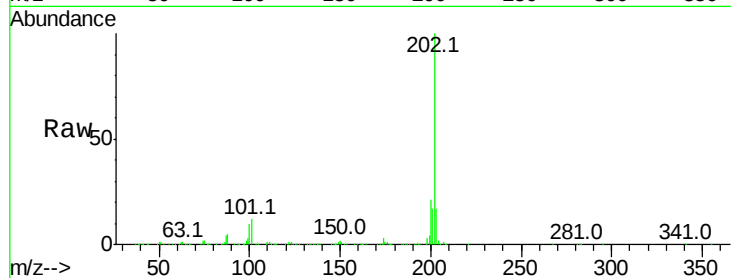
#77
Pvrene
Concen: 39.86 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.2	14.1	21.1

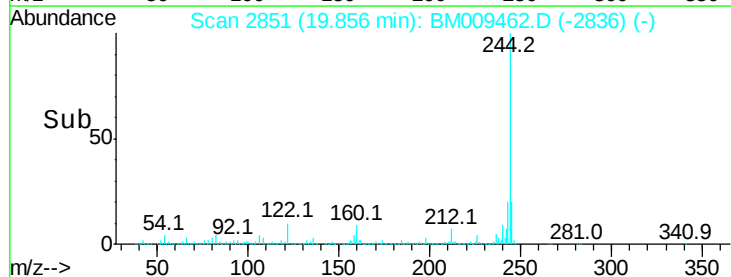
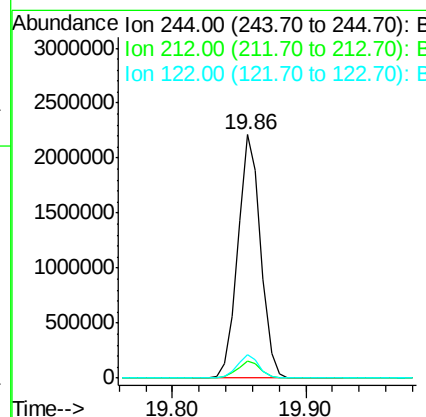
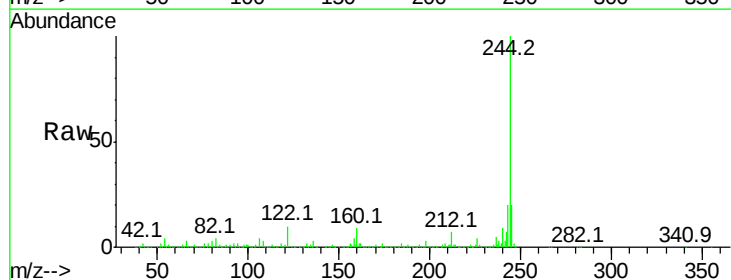
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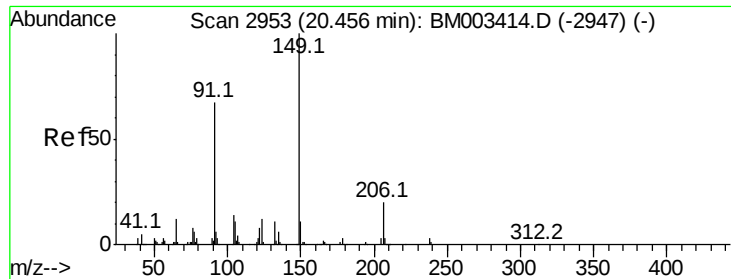
mohammad
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#78
Terphenyl-d14
Concen: 70.20 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	9.6	6.2	9.4





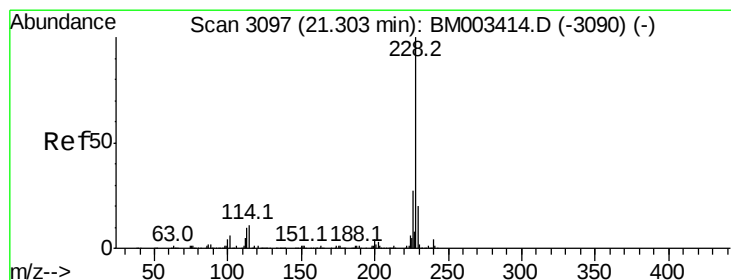
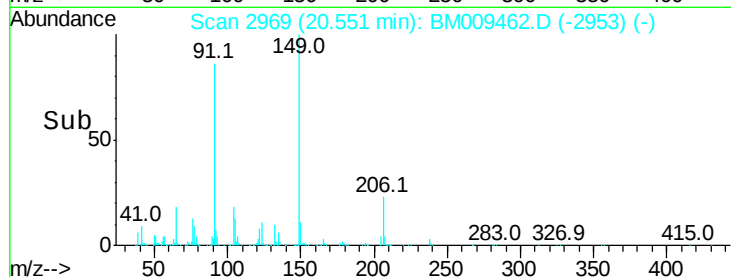
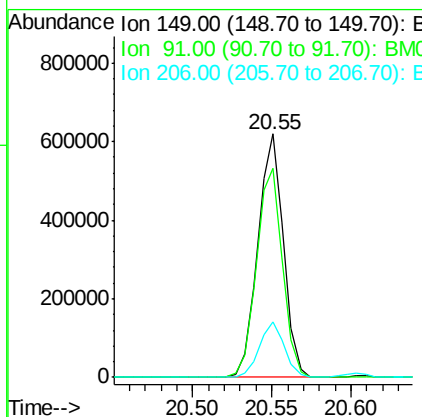
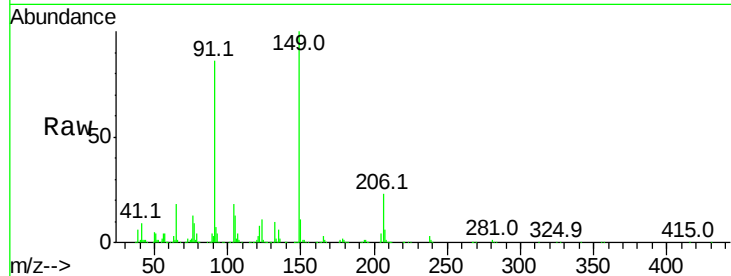
#79
Butylbenzylphthalate
Concen: 43.67 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	696251		
91	85.8	50.1	75.1#	
206	23.0	16.2	24.2	

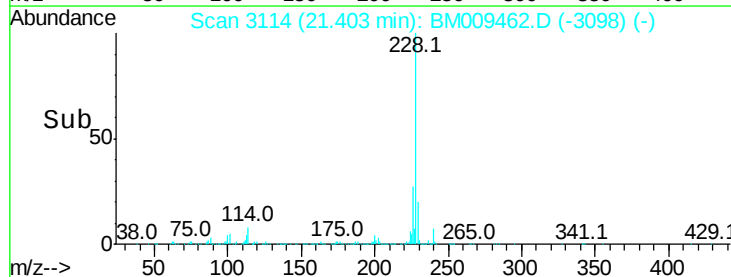
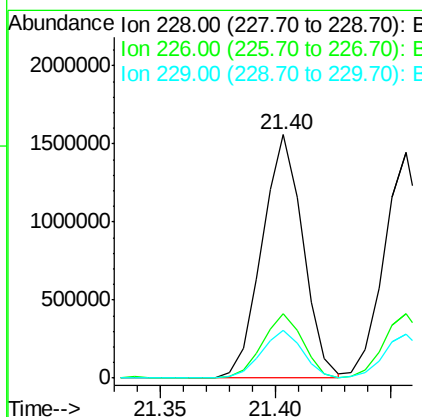
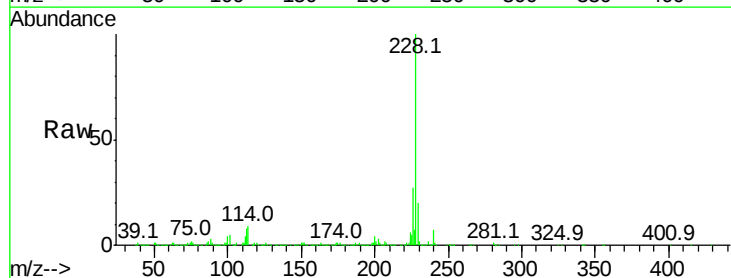
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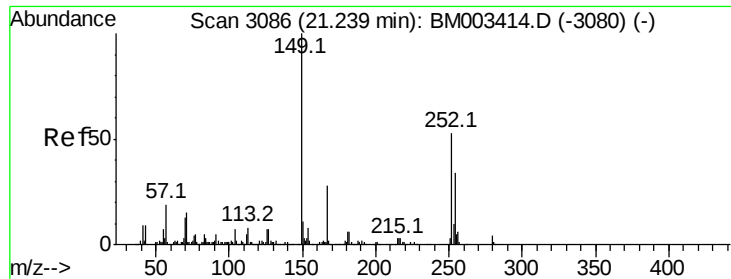
mohammad
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#80
Benzo(a)anthracene
Concen: 42.12 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1920338		
226	26.6	21.7	32.5	
229	19.8	16.0	24.0	





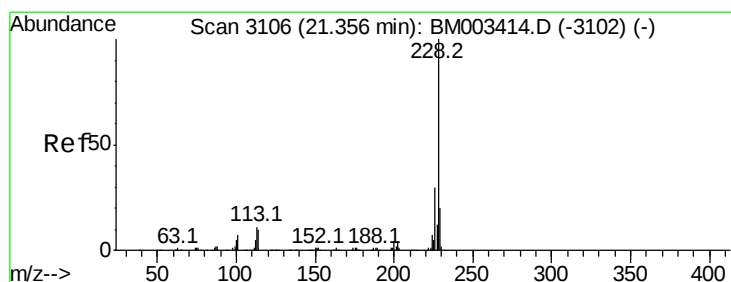
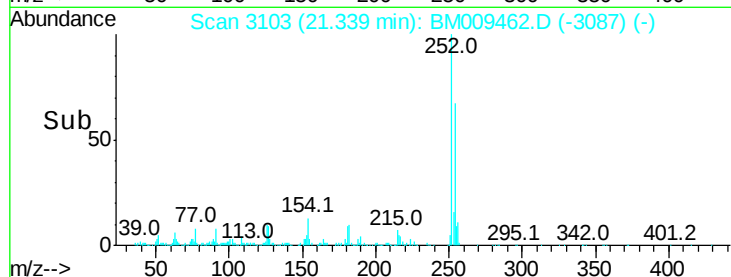
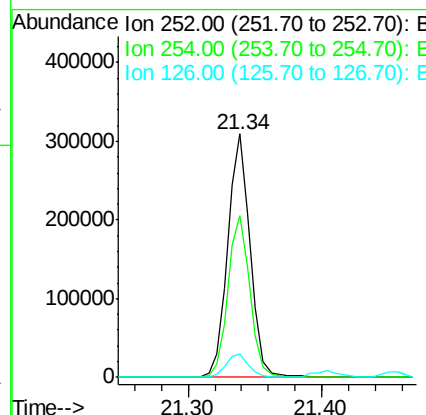
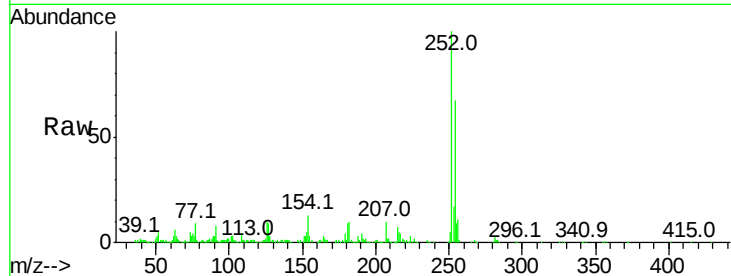
#81
 3,3'-Dichlorobenzidine
 Concen: 21.39 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	365217		
254	66.7	51.9	77.9	
126	9.9	9.8	14.8	

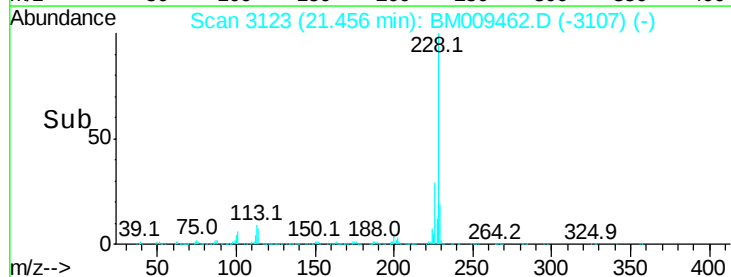
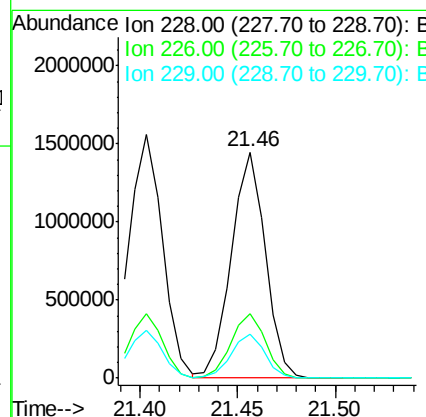
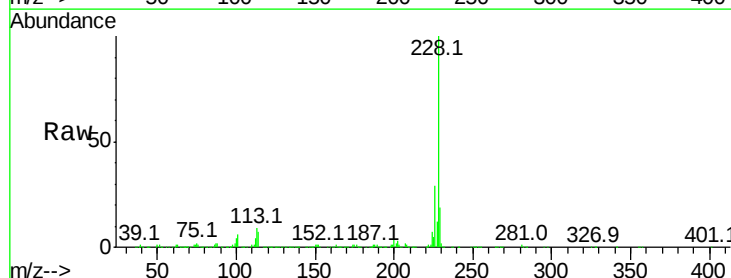
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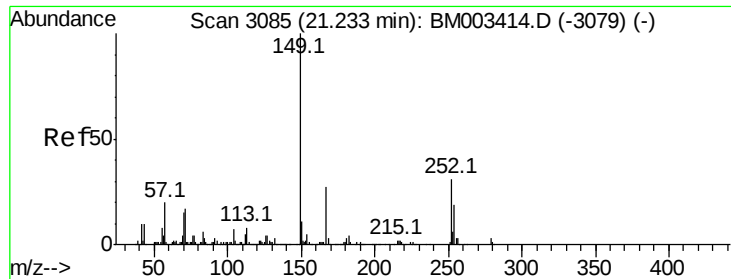
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#82
 Chrysene
 Concen: 40.11 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1746006		
226	28.7	24.1	36.1	
229	19.4	15.5	23.3	





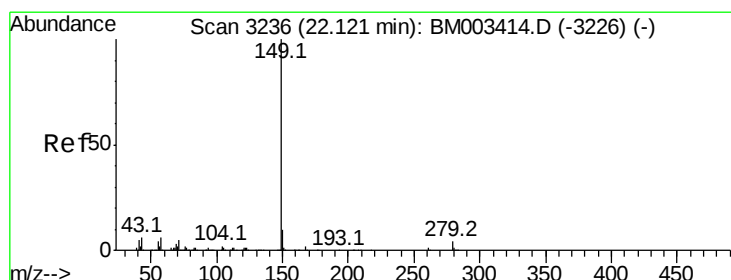
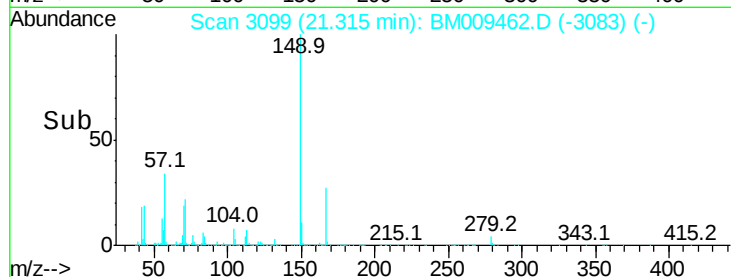
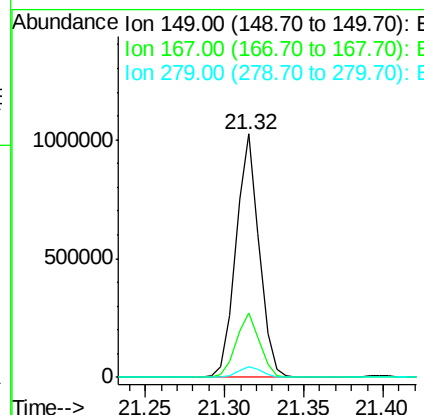
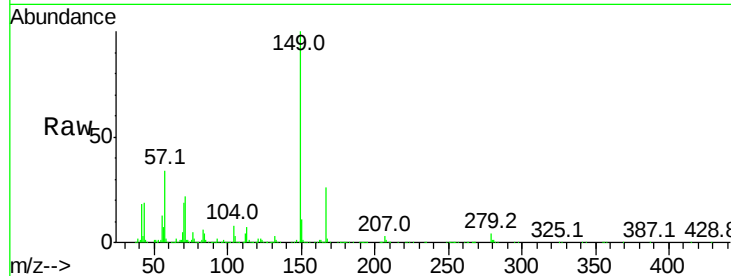
#83
Bis(2-ethylhexyl)phthalate
Concen: 43.21 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion:149 Resp: 1028009
Ion Ratio Lower Upper
149 100
167 26.5 22.4 33.6
279 4.5 3.4 5.0

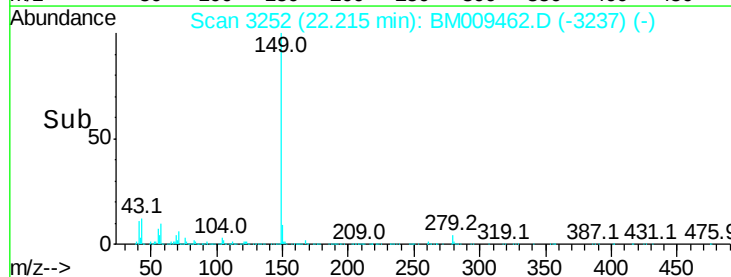
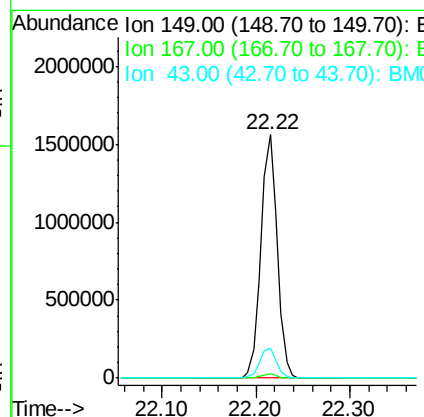
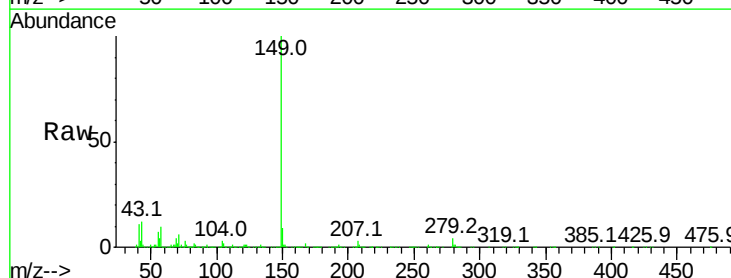
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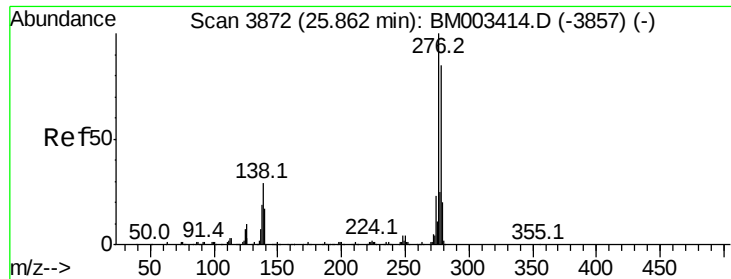
mohammad
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#84
Di-n-octyl phthalate
Concen: 47.40 ng
RT: 22.22 min Scan# 3252
Delta R.T. -0.01 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion:149 Resp: 1876704
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.9 7.3 10.9#





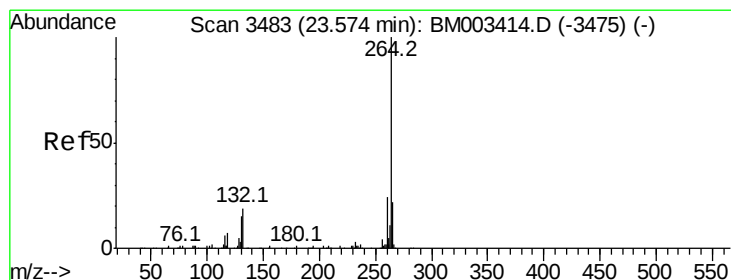
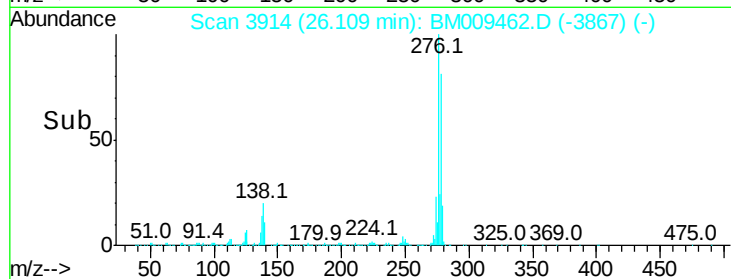
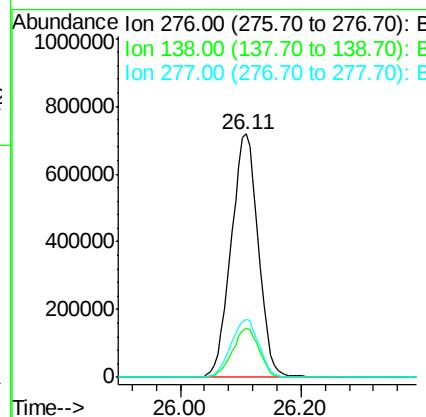
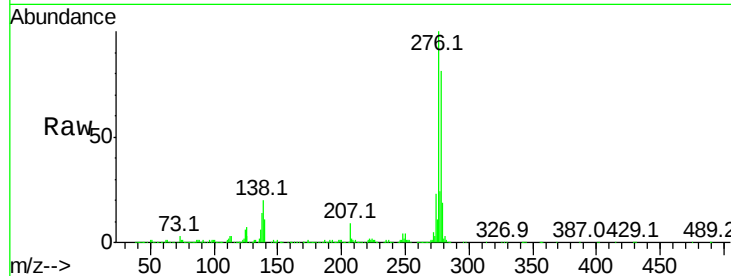
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.16 ng
 RT: 26.11 min Scan# 3914
 Delta R.T. -0.02 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Instrument :
 BNA_M
 ClientSampleId :
 PB97933BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	0.0	0.0#
277	24.7	0.0	0.0#

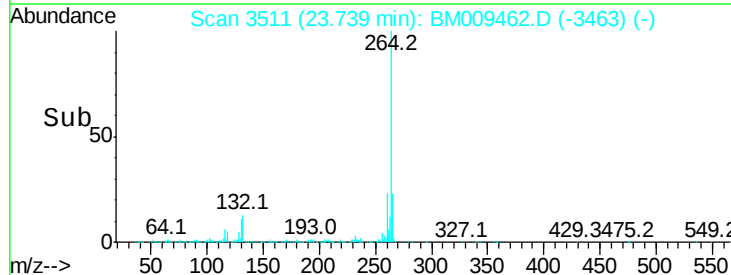
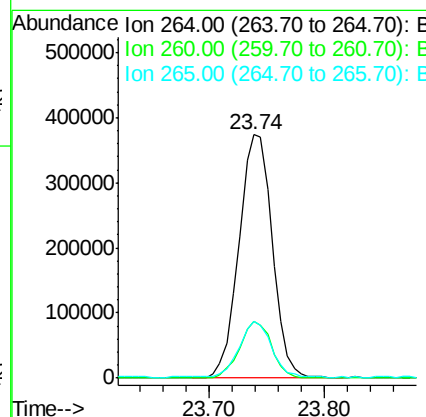
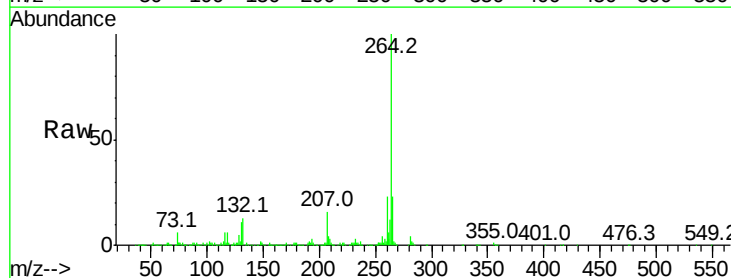
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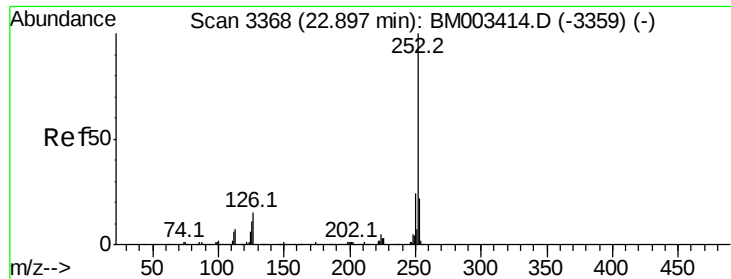
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009462.D
 Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	23.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 42.45 ng

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Instrument :
BNA_M

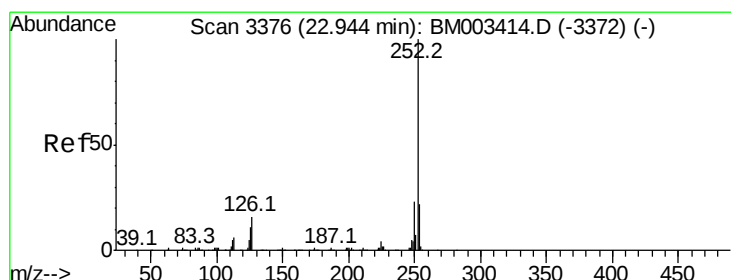
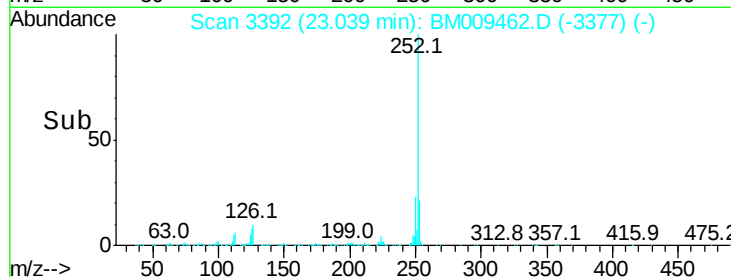
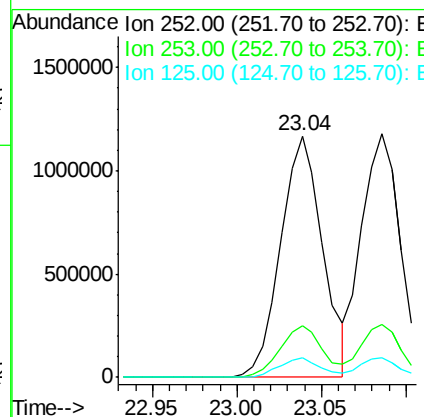
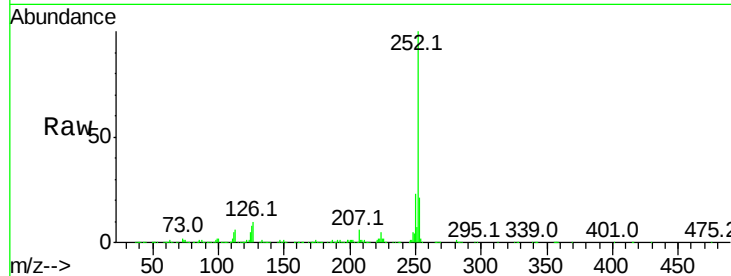
ClientSampleId :
PB97933BS

Tot Ion:252 Resp: 2019326

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	7.9	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 41.14 ng

RT: 23.09 min Scan# 3400

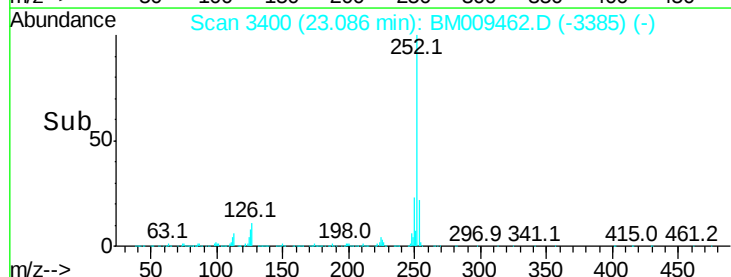
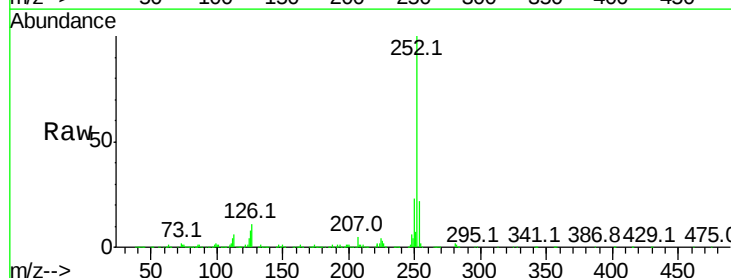
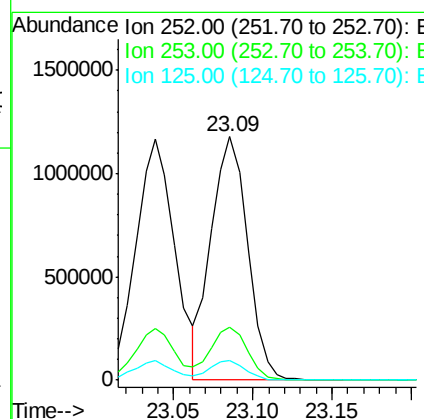
Delta R.T. -0.01 min

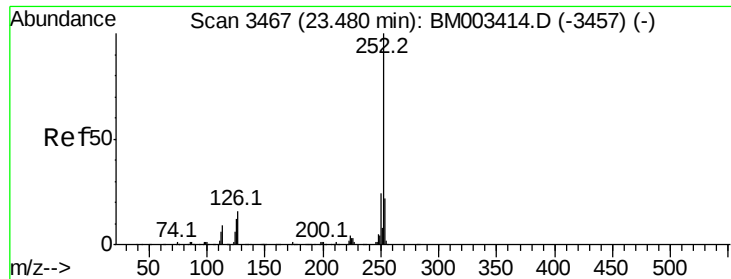
Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Tgt Ion:252 Resp: 1881895

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	8.0	8.1	12.1#





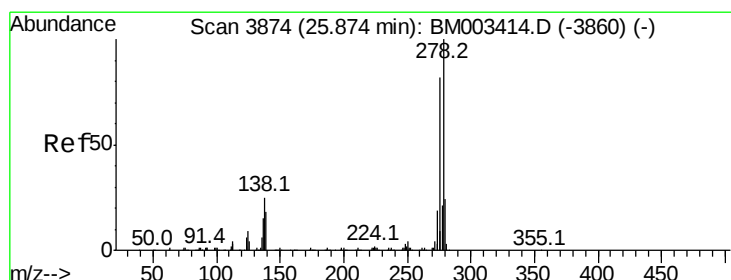
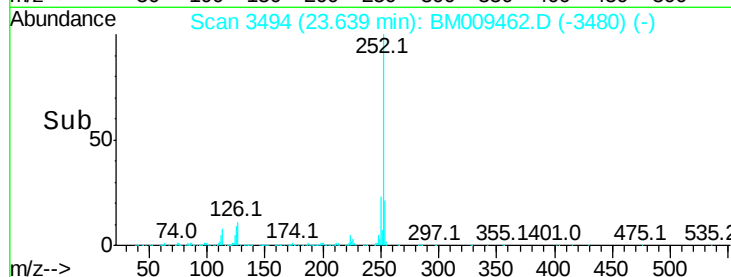
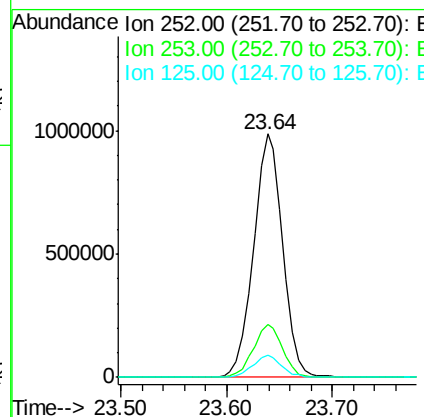
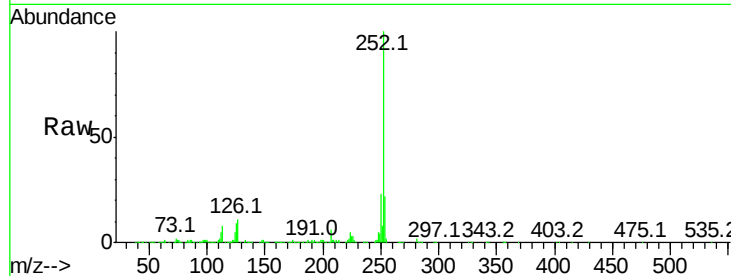
#89
Benzo(a)pyrene
Concen: 42.80 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Instrument :
BNA_M
ClientSampleId :
PB97933BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.0	7.4	11.2

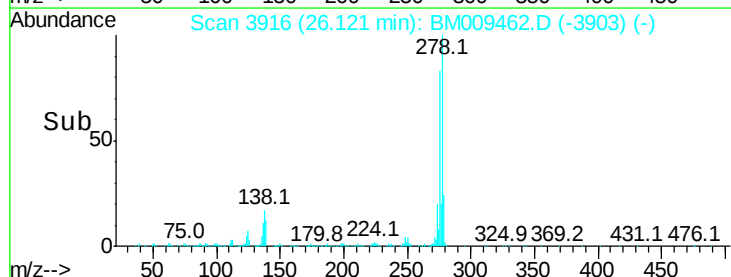
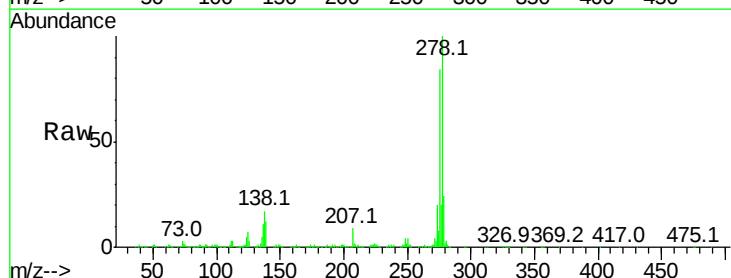
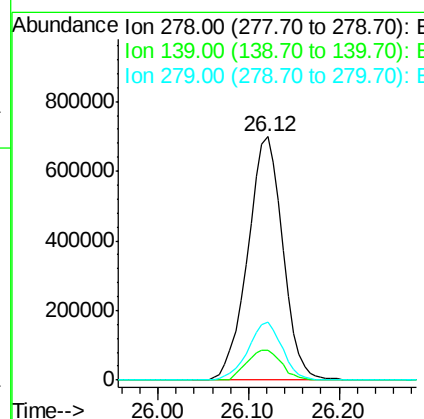
Manual Integrations
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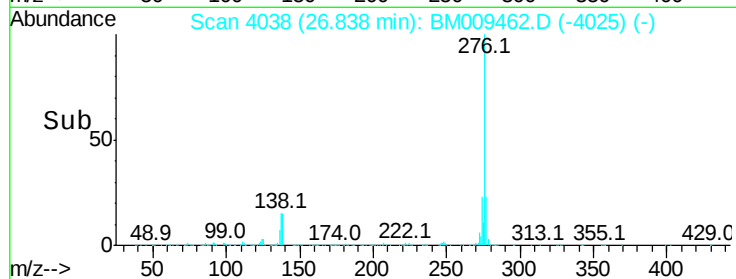
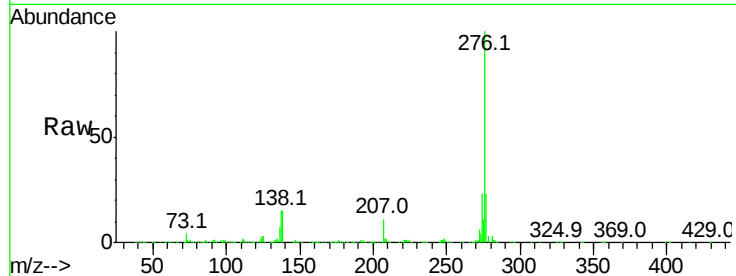
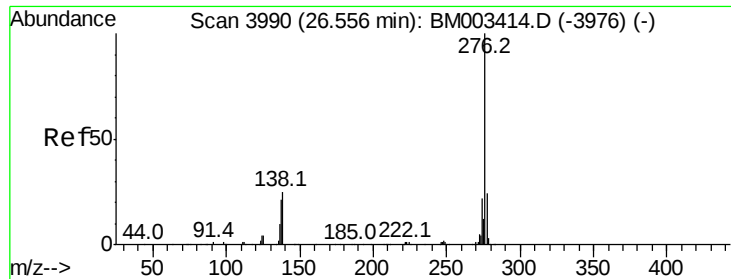
mohammad
3/31/2017 2:12:04 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.49 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM009462.D
Acq: 30 Mar 2017 21:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	13.4	20.0#
279	24.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 43.85 ng

RT: 26.84 min Scan# 4038

Delta R.T. -0.02 min

Lab File: BM009462.D

Acq: 30 Mar 2017 21:57

Instrument :

BNA_M

ClientSampleId :

PB97933BS

Tot Ion: 276 Resp: 1844699

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 15.0 19.0 28.6#

Manual Integrations

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