

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
 Data File : BM009453.D
 Acq On : 30 Mar 2017 16:33
 Operator : SJ/MA
 Sample : PB97931BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BS

Manual Integrations
 APPROVED

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 3/31/2017 2:11:59 PM

Quant Time: Mar 31 08:54:08 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	106171	20.00	ng	-0.01
21) Naphthalene-d8	10.65	136	406574	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	250233	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	593952	20.00	ng	0.00
75) Chrysene-d12	21.42	240	826253	20.00	ng	0.00
86) Perylene-d12	23.74	264	781063	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	604959	94.98	ng	-0.01
7) Phenol-d6	7.01	99	830853	95.65	ng	-0.01
23) Nitrobenzene-d5	9.02	82	921223	84.95	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	308799	99.34	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	1784962	85.95	ng	-0.01
78) Terphenyl-d14	19.86	244	2938271	74.31	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	112459	35.11	ng	# 100
3) Pyridine	3.75	79	348945	38.55	ng	# 79
4) n-Nitrosodimethylamine	3.67	42	200744	41.66	ng	# 63
6) Aniline	7.18	93	304684	25.81	ng	# 92
8) 2-Chlorophenol	7.41	128	304330	47.12	ng	# 78
9) Benzaldehyde	7.00	77	73410	10.74	ng	# 82
10) Phenol	7.04	94	439153	46.66	ng	# 89
11) bis(2-Chloroethyl)ether	7.27	93	329712	42.74	ng	# 81
12) 1,3-Dichlorobenzene	7.73	146	323812	41.88	ng	# 84
13) 1,4-Dichlorobenzene	7.89	146	332630	41.63	ng	# 93
14) 1,2-Dichlorobenzene	8.20	146	321879	41.49	ng	# 93
15) Benzyl Alcohol	8.09	79	356383	46.93	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.38	45	554527	41.36	ng	# 95
17) 2-Methylphenol	8.29	107	284295	46.16	ng	# 88
18) Hexachloroethane	8.92	117	137860	42.18	ng	# 88
19) n-Nitroso-di-n-propylamine	8.65	70	308085	44.00	ng	# 92
20) 3+4-Methylphenols	8.61	107	383957	45.86	ng	# 90
22) Acetophenone	8.67	105	512719	44.71	ng	# 90
24) Nitrobenzene	9.06	77	464034	43.68	ng	# 92
25) Isophorone	9.57	82	749882	45.33	ng	# 88
26) 2-Nitrophenol	9.76	139	152426	47.57	ng	# 50
27) 2,4-Dimethylphenol	9.82	122	293211	50.02	ng	# 80
28) bis(2-Chloroethoxy)methane	10.06	93	452333	44.16	ng	# 99
29) 2,4-Dichlorophenol	10.29	162	296660	48.41	ng	# 95
30) 1,2,4-Trichlorobenzene	10.51	180	336080	44.20	ng	# 97
31) Naphthalene	10.70	128	937298	43.43	ng	# 99
32) Benzoic acid	9.93	122	165109	41.42	ng	# 77
33) 4-Chloroaniline	10.82	127	147957	17.77	ng	# 80
34) Hexachlorobutadiene	10.97	225	219162	42.10	ng	# 98
35) Caprolactam	11.59	113	90148m	48.19	ng	# 80
36) 4-Chloro-3-methylphenol	11.93	107	336702	48.57	ng	# 93
37) 2-Methylnaphthalene	12.31	142	681913	45.78	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	388333	41.11	ng	# 98
40) Hexachlorocyclopentadiene	12.65	237	491395	90.62	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	260030	48.14	nq	97
43) 2,4,5-Trichlorophenol	12.99	196	269441	44.70	nq	# 85
45) 1,1'-Biphenyl	13.32	154	908845	43.64	nq	97
46) 2-Chloronaphthalene	13.37	162	722795	44.68	nq	96
47) 2-Nitroaniline	13.58	65	281755	47.28	nq	# 71
48) Acenaphthylene	14.22	152	1148704	43.60	nq	99
49) Dimethylphthalate	13.95	163	890816	46.37	nq	# 98
50) 2,6-Dinitrotoluene	14.07	165	188678	45.57	nq	# 62
51) Acenaphthene	14.56	154	702945	44.22	nq	99
52) 3-Nitroaniline	14.41	138	107866	26.44	nq	# 42
53) 2,4-Dinitrophenol	14.62	184	235278	83.97	nq	96
54) Dibenzofuran	14.89	168	1148715	48.86	nq	93
55) 4-Nitrophenol	14.71	139	342782	101.67	nq	# 22
56) 2,4-Dinitrotoluene	14.86	165	280644	50.10	nq	96
57) Fluorene	15.54	166	927282	43.89	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	255663	50.15	nq	# 100
59) Diethylphthalate	15.31	149	925813	47.50	nq	98
60) 4-Chlorophenyl-phenylether	15.53	204	488440	44.27	nq	98
61) 4-Nitroaniline	15.57	138	210056	47.41	nq	# 28
62) Azobenzene	15.83	77	1194721	52.51	nq	85
64) 4,6-Dinitro-2-methylphenol	15.62	198	161639	43.20	nq	87
65) n-Nitrosodiphenylamine	15.75	169	824483	45.70	nq	98
66) 4-Bromophenyl-phenylether	16.43	248	307440	44.68	nq	# 92
67) Hexachlorobenzene	16.54	284	329187	43.64	nq	# 88
68) Atrazine	16.70	200	282644	41.65	nq	97
69) Pentachlorophenol	16.89	266	408174	88.58	nq	96
70) Phenanthrene	17.29	178	1507258	44.38	nq	100
71) Anthracene	17.37	178	1551672	45.12	nq	100
72) Carbazole	17.65	167	1416050	43.00	nq	99
73) Di-n-butylphthalate	18.20	149	1613059	47.95	nq	# 97
74) Fluoranthene	19.30	202	1864136	46.34	nq	98
76) Benzidine	19.49	184	765716	31.09	nq	100
77) Pyrene	19.66	202	1964472	41.92	nq	100
79) Butylbenzylphthalate	20.55	149	788983	46.76	nq	# 78
80) Benzo(a)anthracene	21.40	228	2145695	44.46	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	632125	34.98	nq	99
82) Chrysene	21.46	228	1933178	41.95	nq	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1170823	46.49	nq	98
84) Di-n-octyl phthalate	22.22	149	2059977	49.16	nq	# 90
85) Indeno(1,2,3-cd)pyrene	26.11	276	2444789	48.65	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	2209425	44.63	nq	# 96
88) Benzo(k)fluoranthene	23.09	252	2141007m	44.97	nq	
89) Benzo(a)pyrene	23.64	252	2104373	45.90	nq	99
90) Dibenzo(a,h)anthracene	26.13	278	2065998	46.00	nq	# 95
91) Benzo(g,h,i)perylene	26.84	276	1993578	45.53	nq	# 91

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

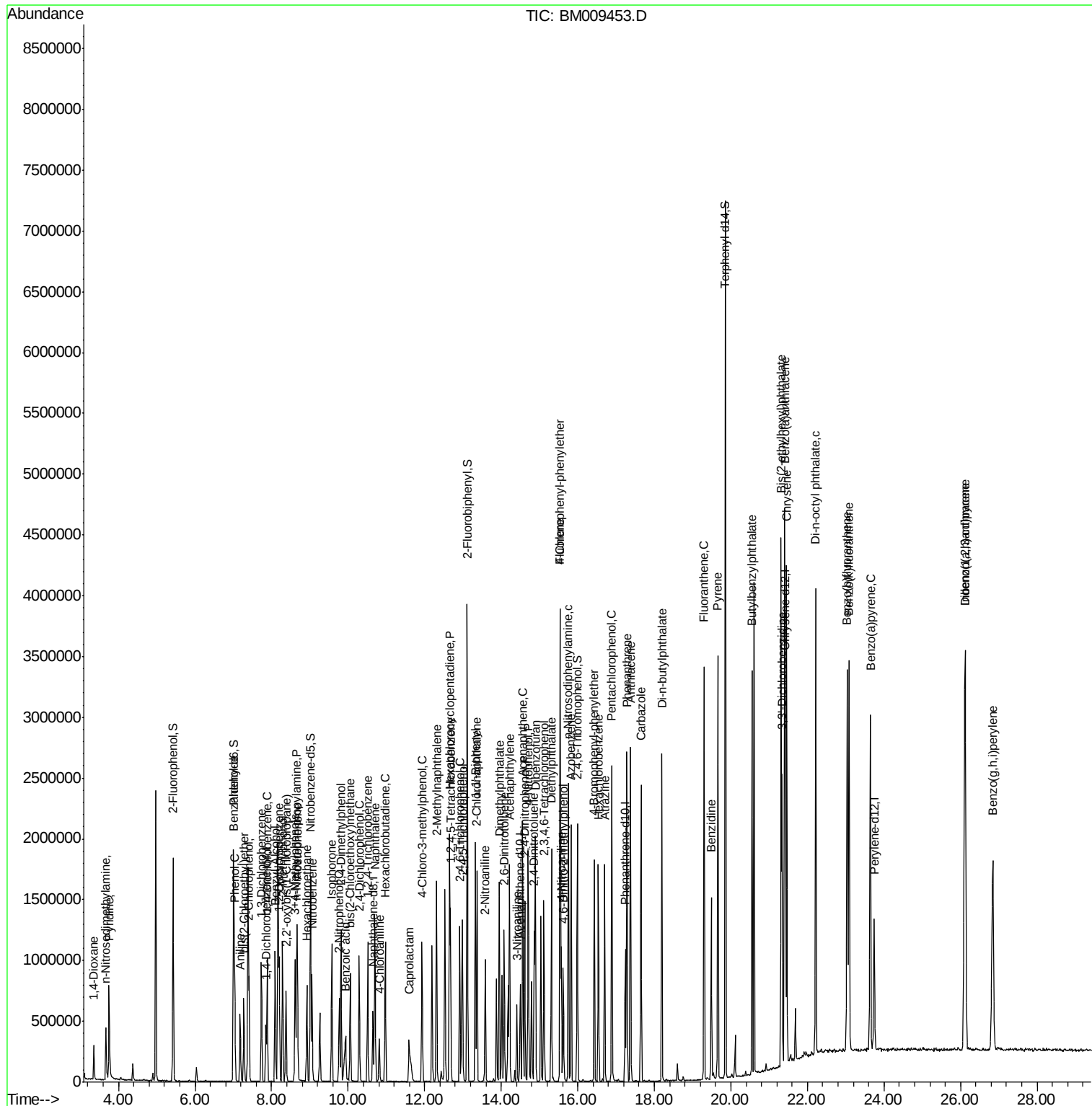
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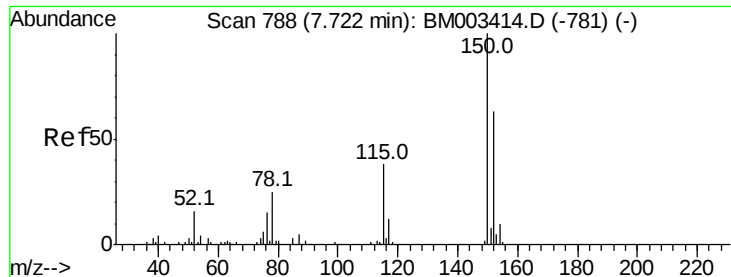
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#1

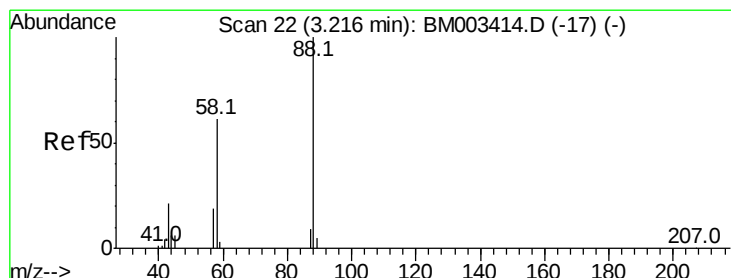
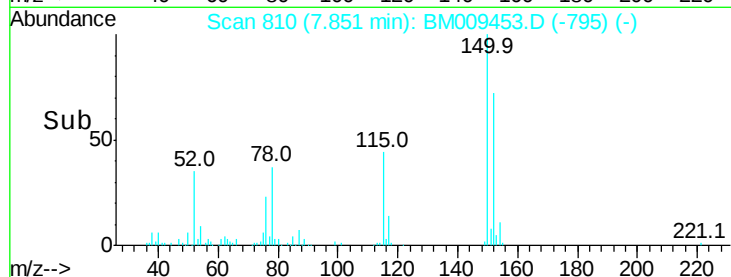
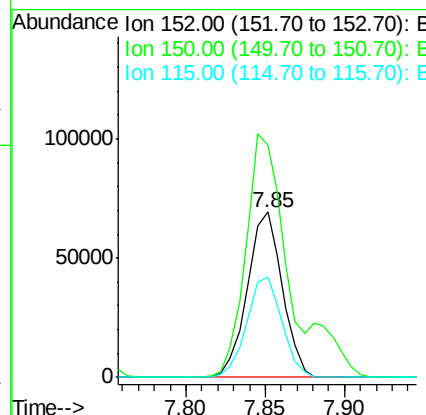
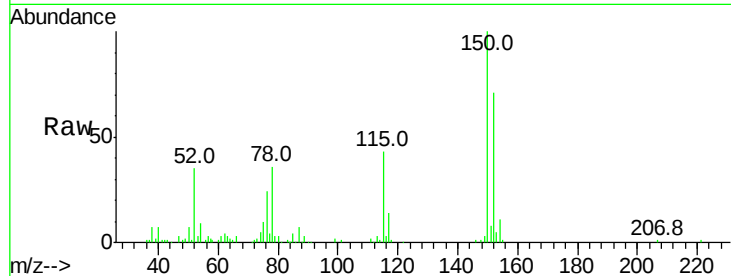
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	140.6	119.5	179.3
115	61.0	43.0	64.4

Manual Integrations
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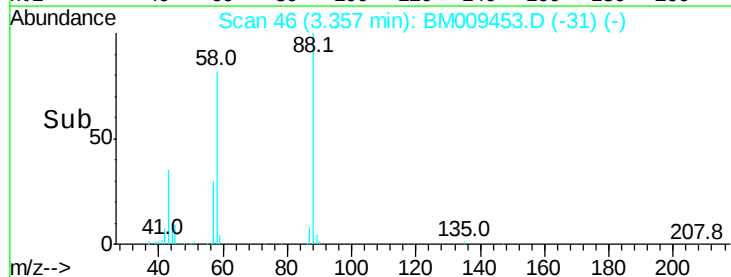
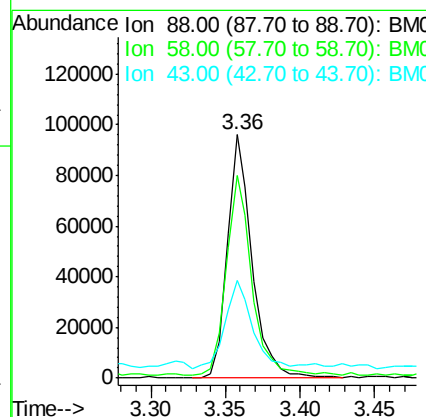
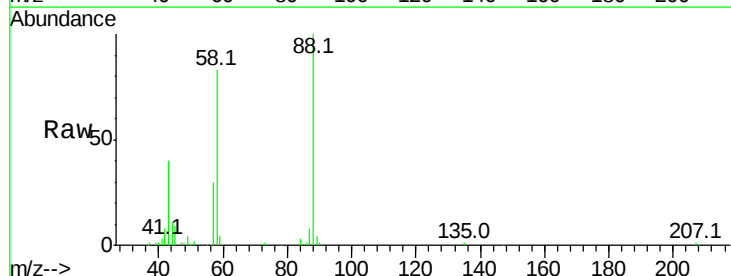
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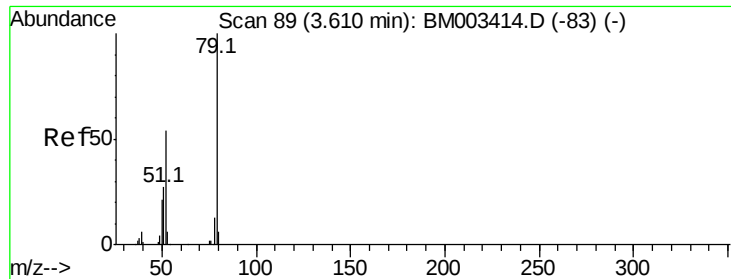


#2

1,4-Dioxane
Concen: 35.11 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	0.0	0.0#
43	39.6	0.0	0.0#





#3

Pvridine

Concen: 38.55 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

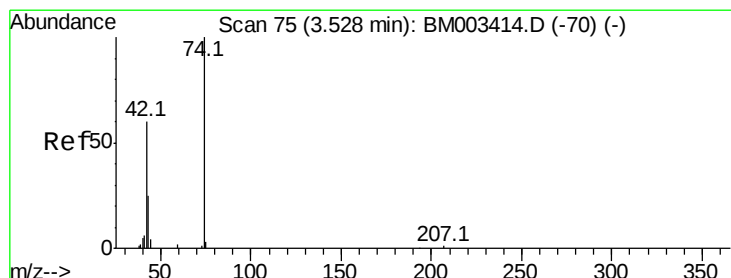
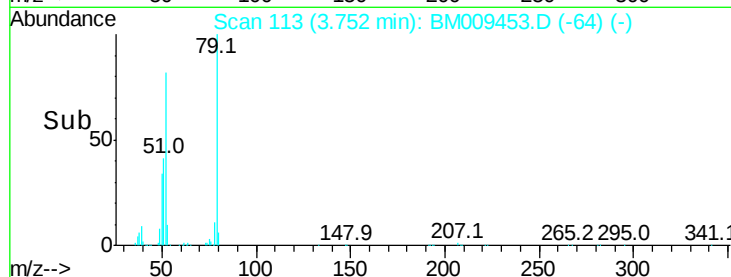
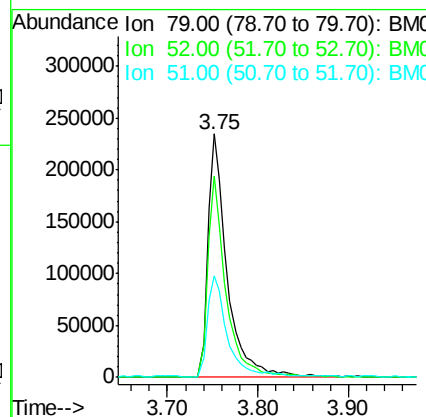
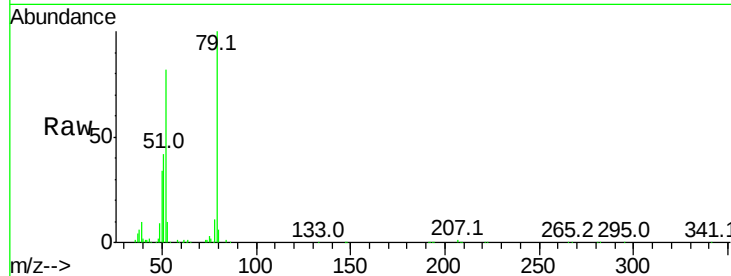
ClientSampleId :

PB97931BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.5	51.1	76.7#
51	41.8	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 41.66 ng

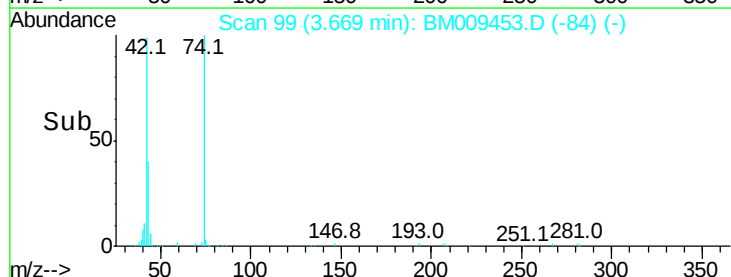
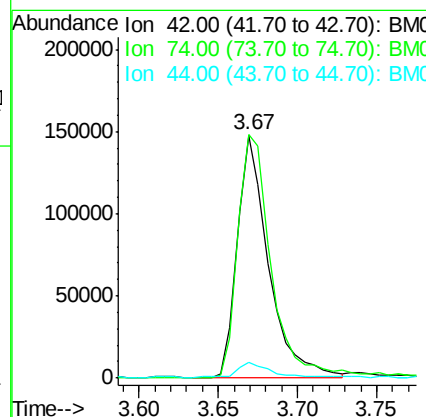
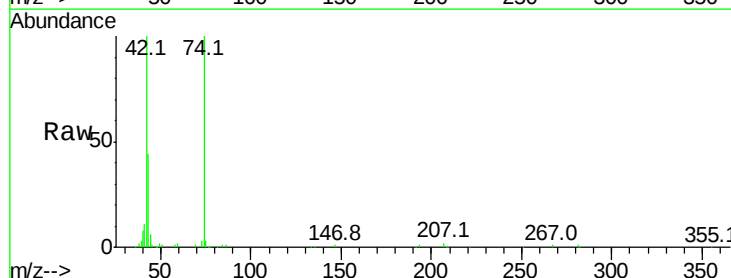
RT: 3.67 min Scan# 99

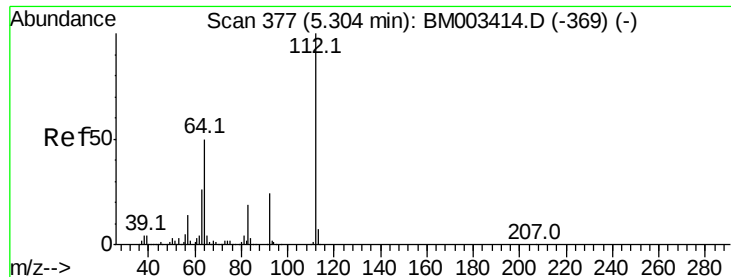
Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.3	119.3	178.9#
44	6.4	5.4	8.2





#5

2-Fluorophenol

Concen: 94.98 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

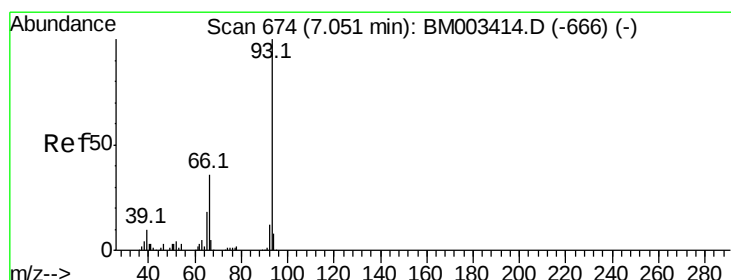
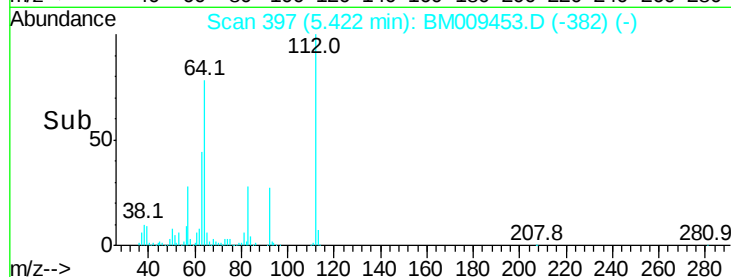
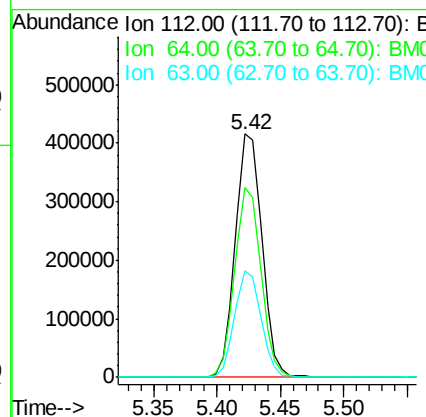
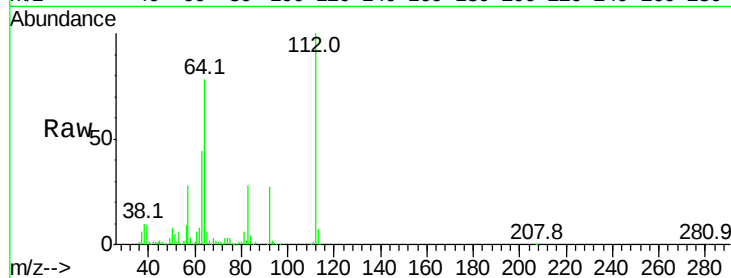
ClientSampleId :

PB97931BS

Tot Ion:	112	Resp:	604959
Ion Ratio	Lower	Upper	
112	100		
64	77.8	38.6	57.8#
63	44.0	19.3	28.9#

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3/31/2017 2:11:59 PM



#6

Aniline

Concen: 25.81 ng

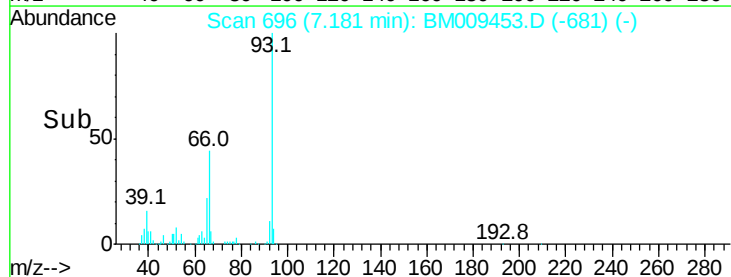
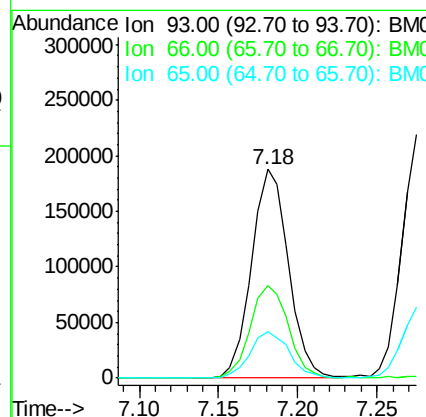
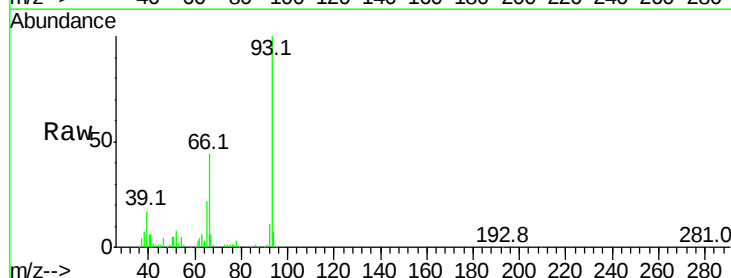
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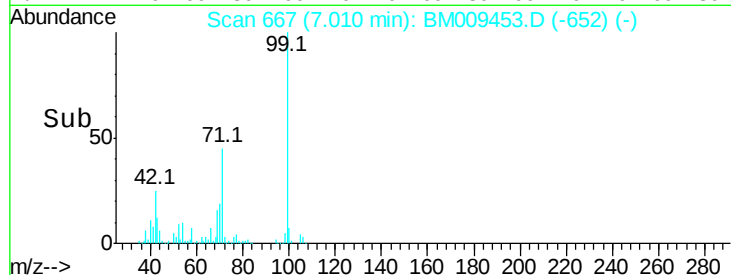
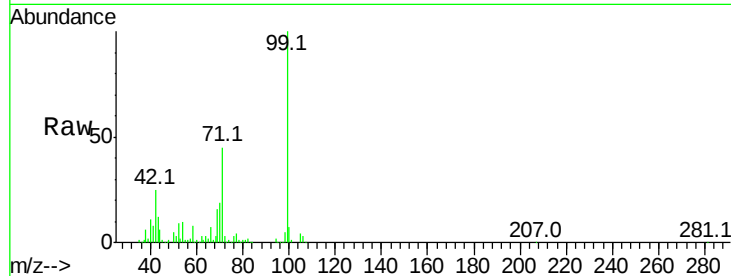
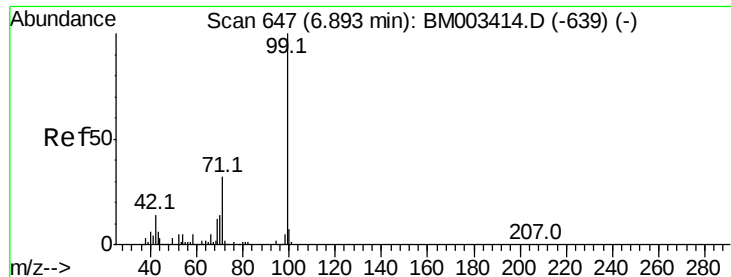
Delta R.T. -0.01 min

Lab File: BM009453.D

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Tgt Ion:	93	Resp:	304684
Ion Ratio	Lower	Upper	
93	100		
66	44.4	30.8	46.2
65	22.4	16.0	24.0





#7

Phenol-d6

Concen: 95.65 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Tot Ion:	99	Resp:	830853
Ion Ratio	Lower	Upper	
99	100		
42	25.0	11.0	16.4#
71	44.9	23.4	35.2#

Instrument :

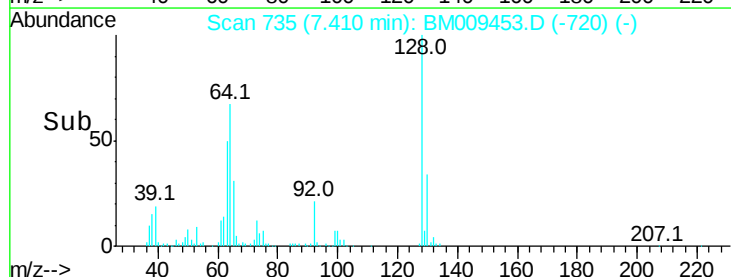
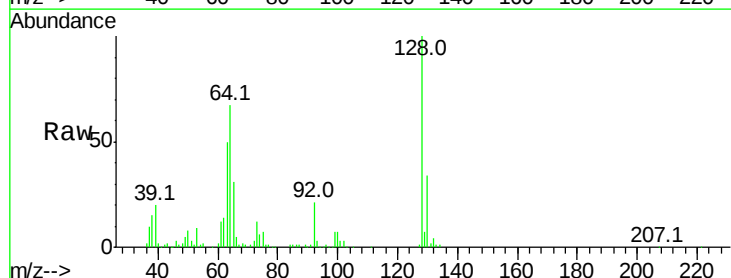
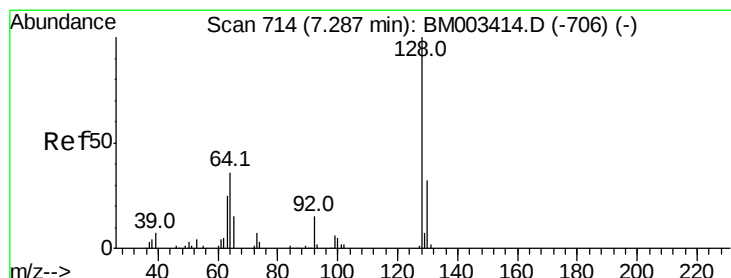
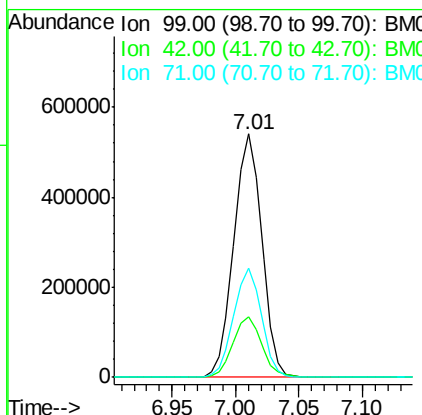
BNA_M

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#8

2-Chlorophenol

Concen: 47.12 ng

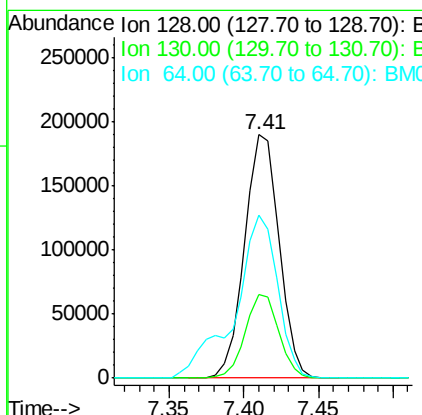
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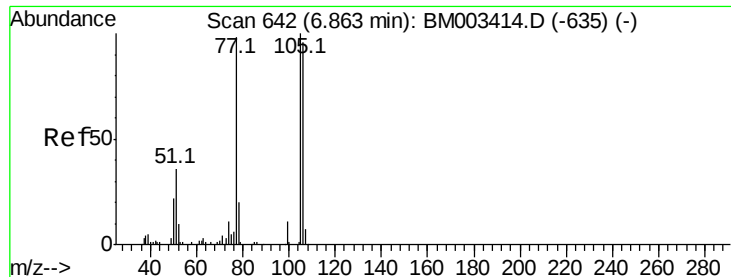
Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Tgt Ion:	128	Resp:	304330
Ion Ratio	Lower	Upper	
128	100		
130	34.2	12.0	52.0
64	67.2	24.9	64.9#





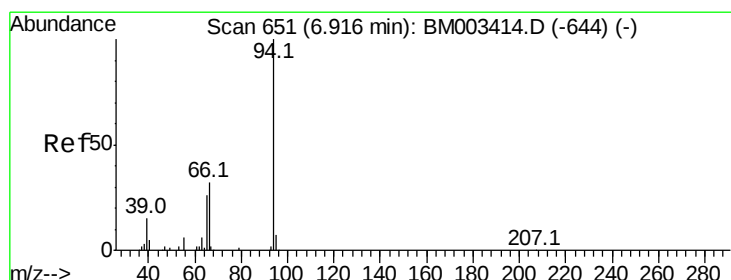
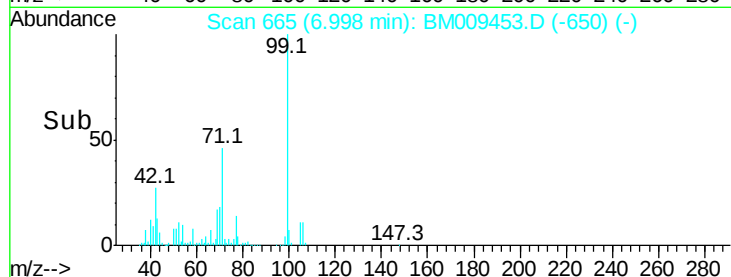
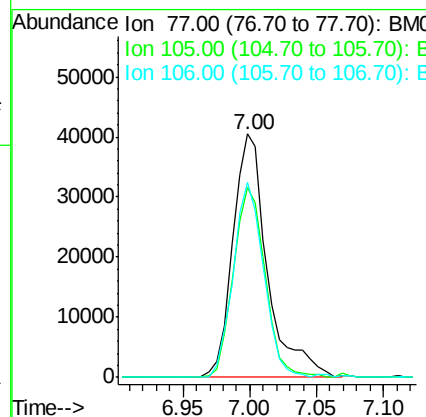
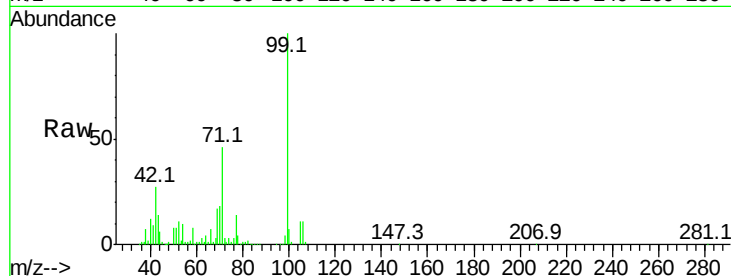
#9
Benzaldehyde
Concen: 10.74 ng
RT: 7.00 min Scan# 665
Delta R.T. -0.01 min
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Instrument :
BNA_M
ClientSampleID :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	78.1	78.8	118.8#
106	80.0	73.7	113.7

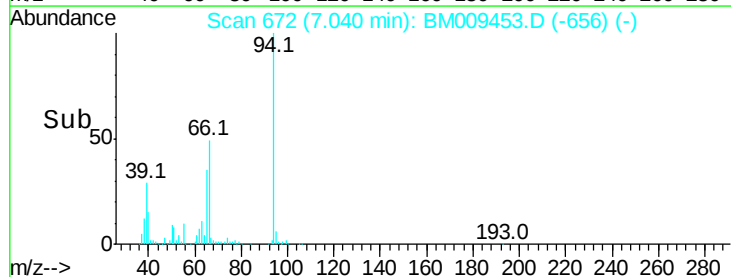
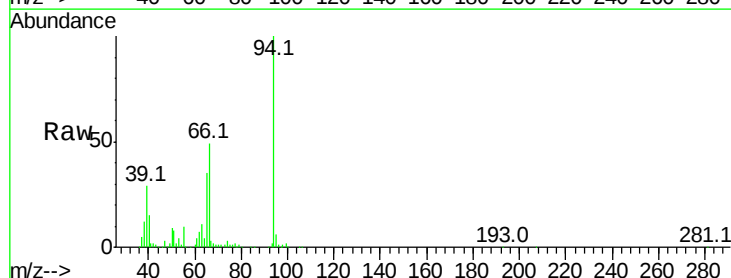
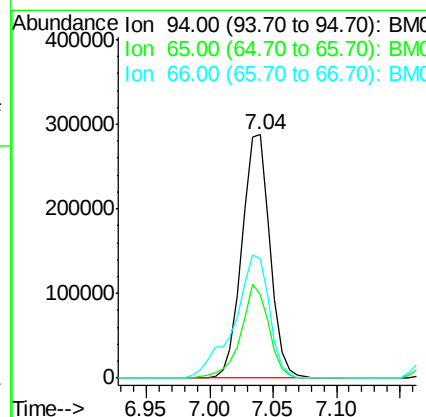
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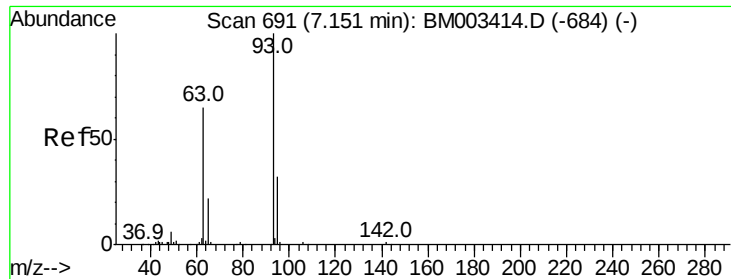
mohammad
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#10
Phenol
Concen: 46.66 ng
RT: 7.04 min Scan# 672
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.5	18.8	58.8
66	49.3	39.9	79.9





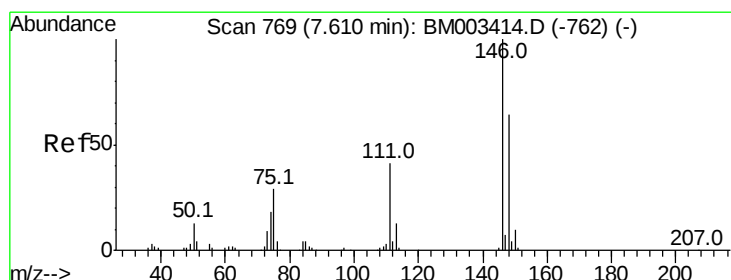
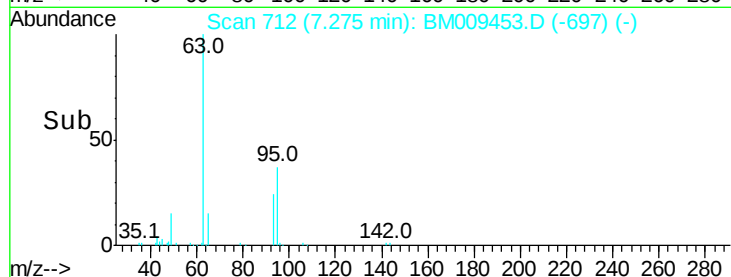
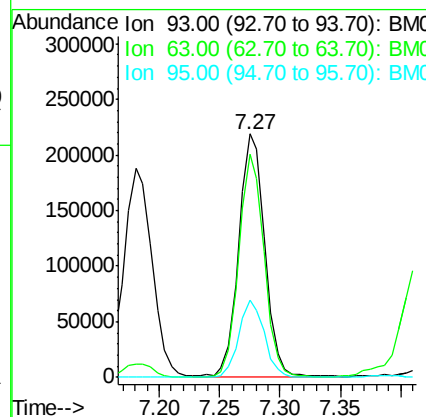
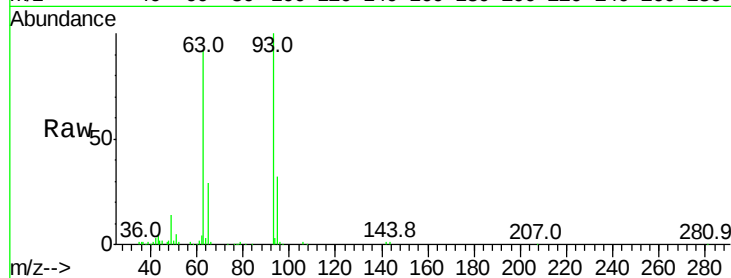
#11
bis(2-Chloroethyl)ether
Concen: 42.74 ng
RT: 7.27 min Scan# 712
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleID :
PB97931BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	91.8	49.5	89.5#	
95	31.7	13.5	53.5	

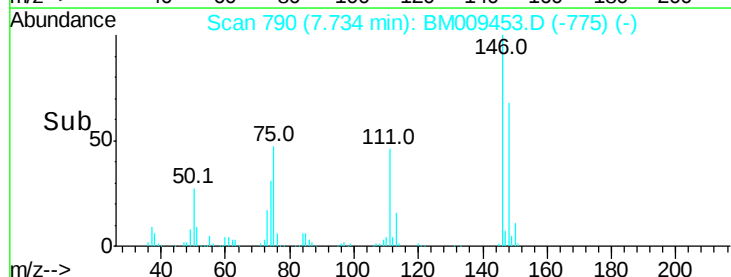
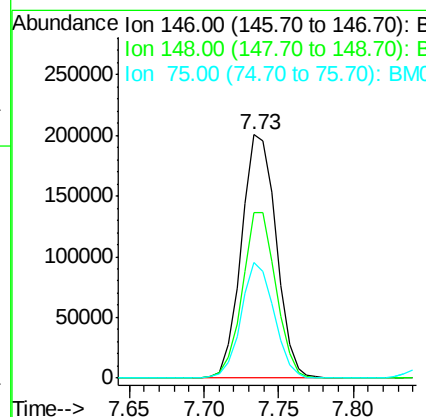
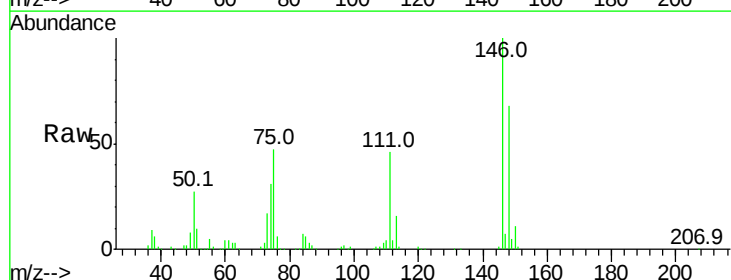
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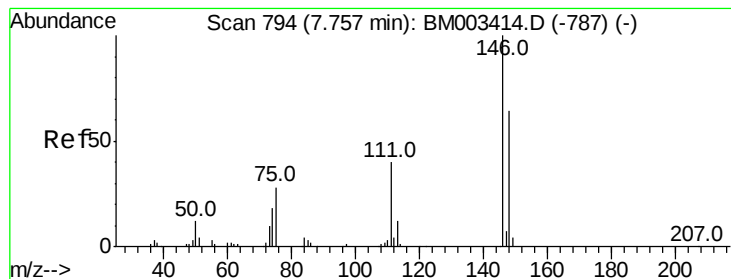
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.88 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	68.0	50.9	76.3	
75	47.2	21.4	32.2#	





#13

1,4-Dichlorobenzene

Concen: 41.63 ng

RT: 7.89 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

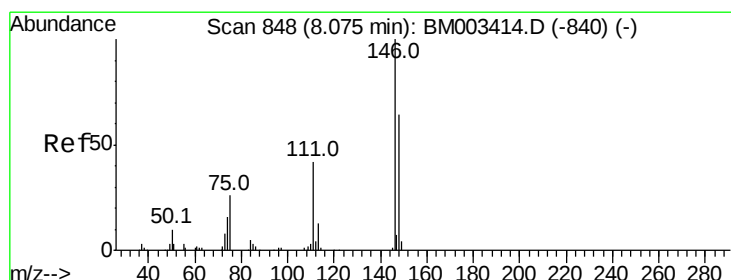
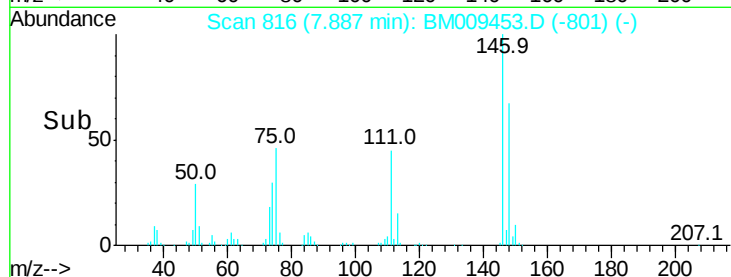
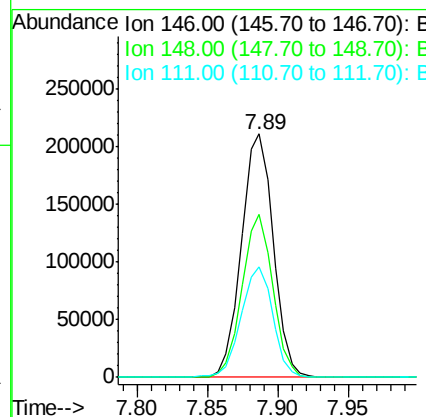
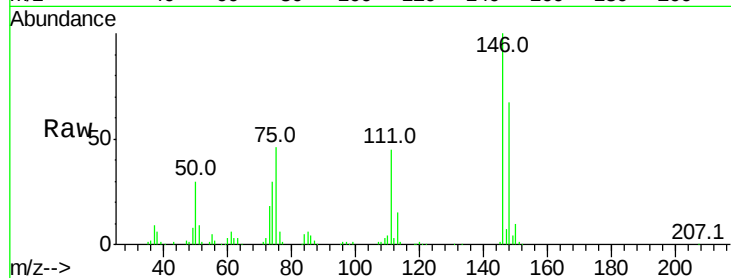
ClientSampleId :

PB97931BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.7	51.9	77.9
111	45.2	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 41.49 ng

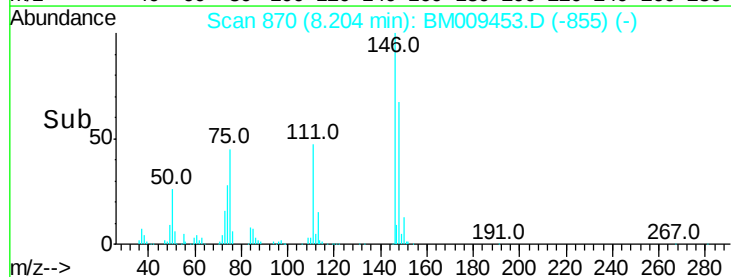
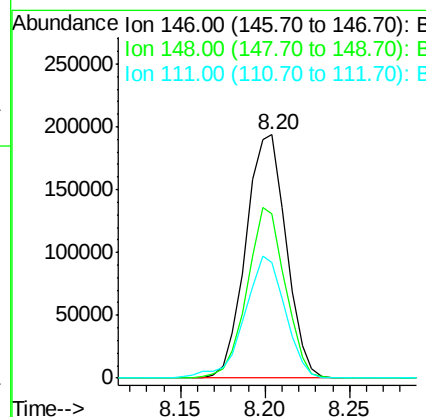
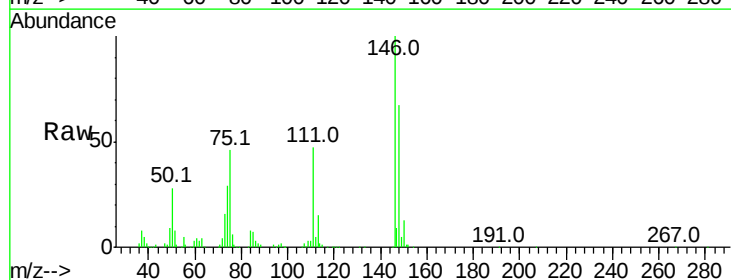
RT: 8.20 min Scan# 870

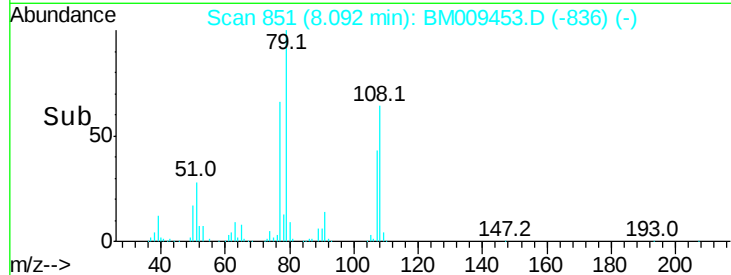
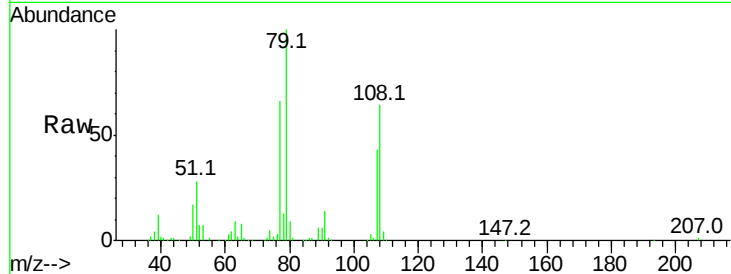
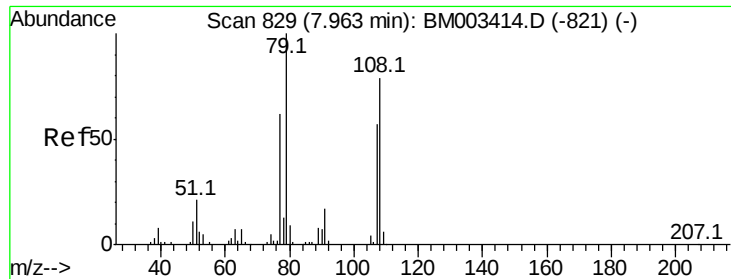
Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.3	78.5
111	47.5	30.6	45.8





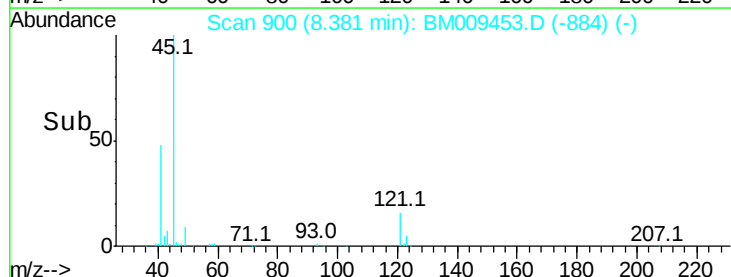
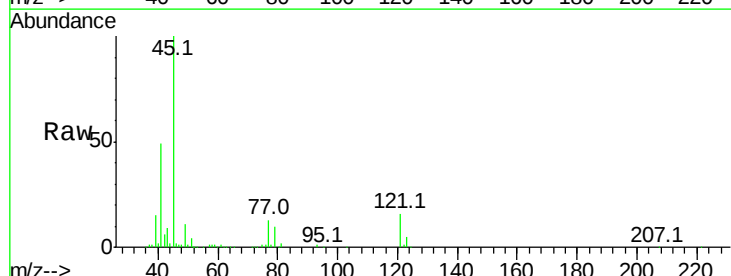
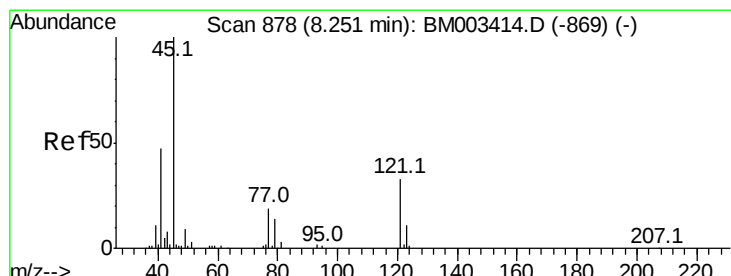
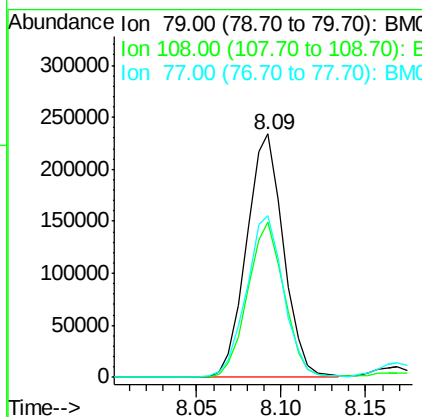
#15
Benzyl Alcohol
Concen: 46.93 ng
RT: 8.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tot Ion: 79 Resp: 356383
Ion Ratio Lower Upper
79 100
108 63.6 65.0 97.4#
77 66.2 53.0 79.6

Instrument :
BNA_M
ClientSampleId :
PB97931BS

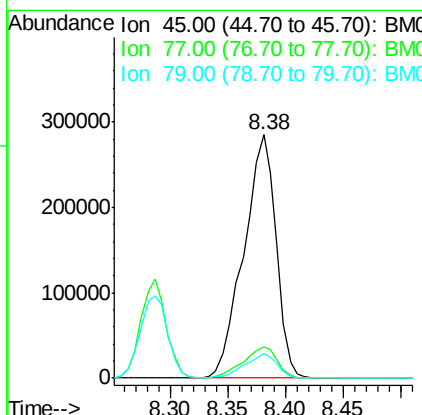
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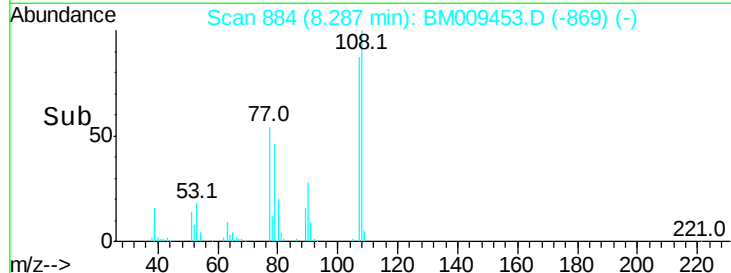
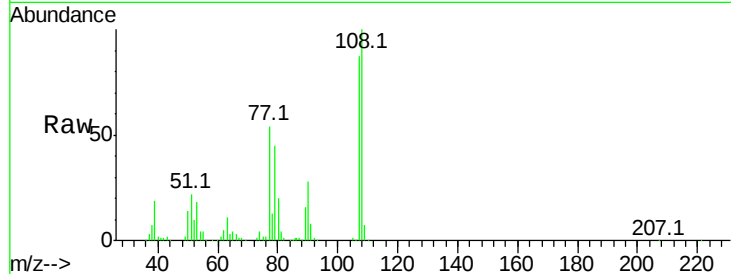
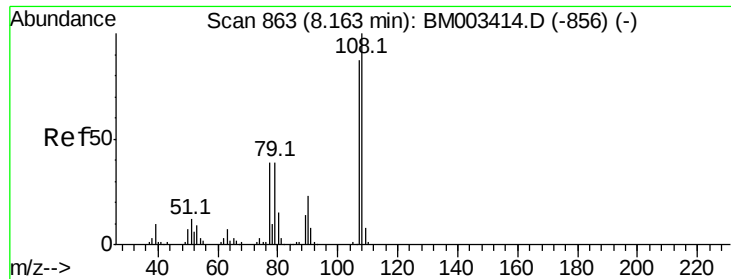
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.36 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion: 45 Resp: 554527
Ion Ratio Lower Upper
45 100
77 12.8 0.0 35.2
79 10.3 0.0 32.0





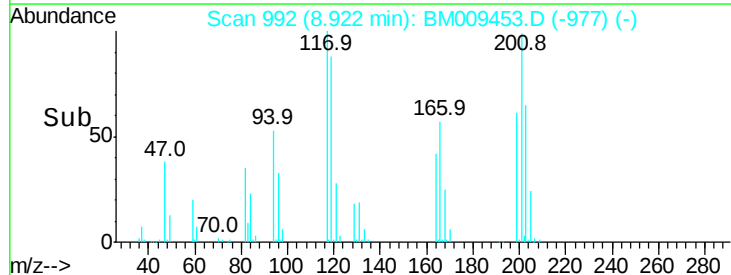
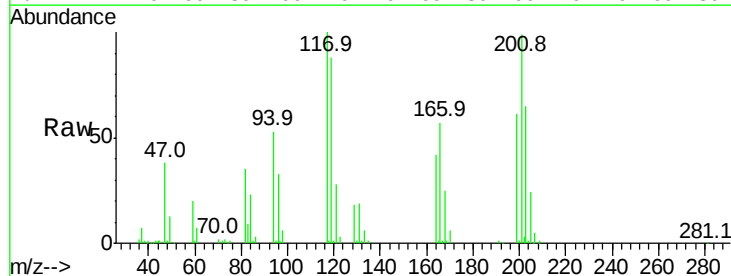
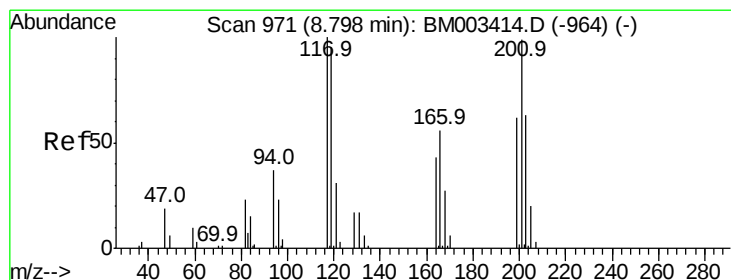
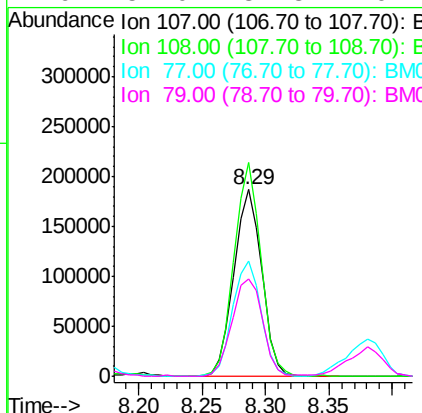
#17
2-Methylphenol
Concen: 46.16 ng
RT: 8.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	89.8	134.8	
77	61.7	32.6	48.8	
79	52.0	32.8	49.2	

Instrument :
BNA_M
ClientSampleId :
PB97931BS

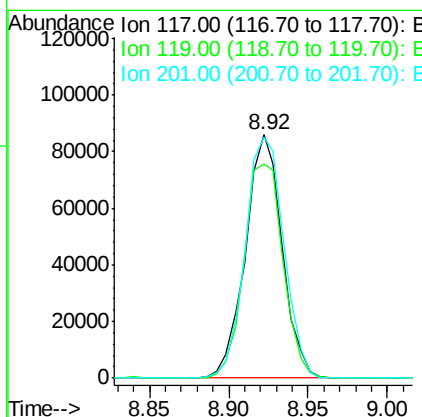
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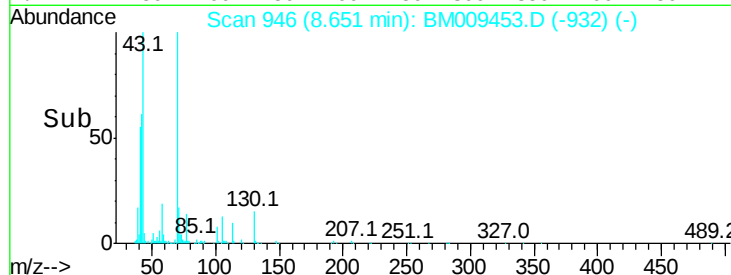
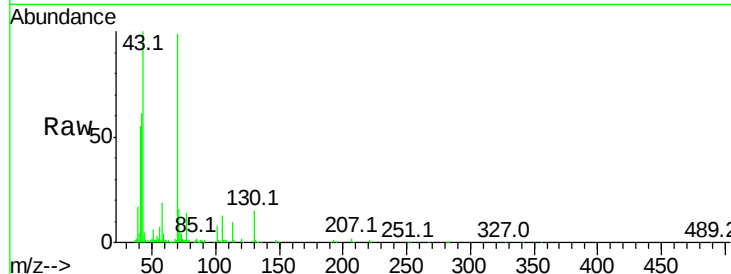
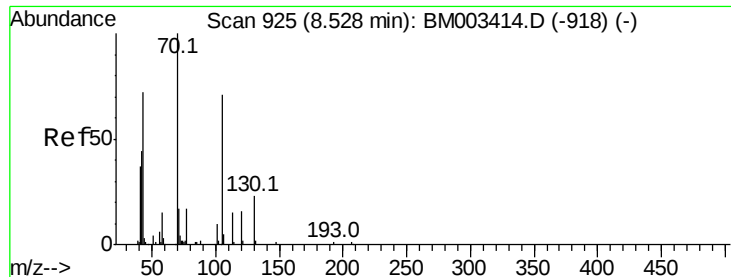
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#18
Hexachloroethane
Concen: 42.18 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	88.0	79.2	118.8	
201	98.8	69.8	104.6	





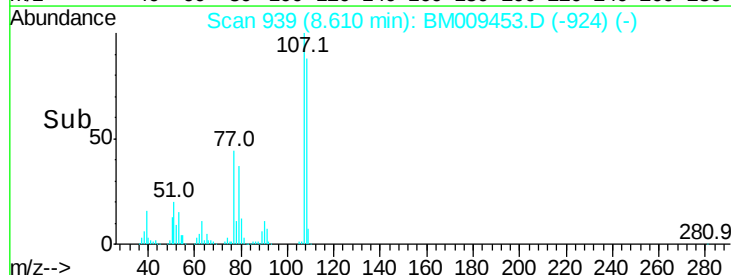
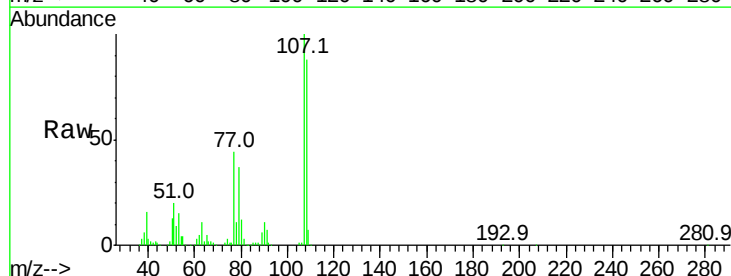
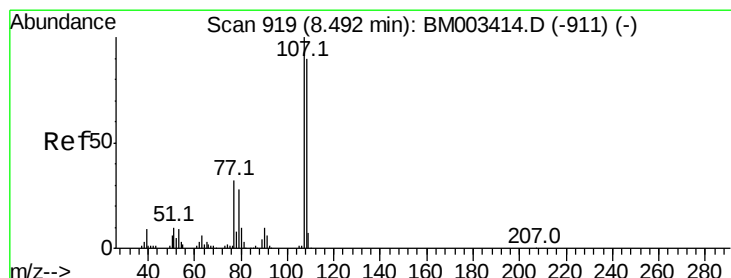
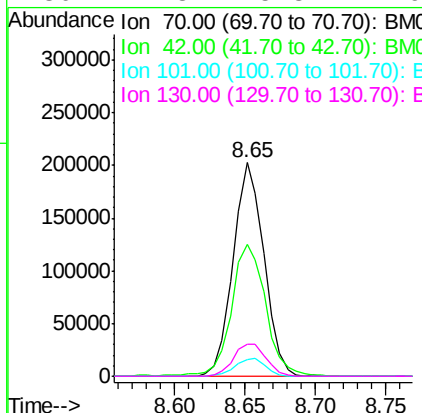
#19
n-Nitroso-di-n-propylamine
Concen: 44.00 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.9	44.5	66.7	
101	7.7	7.4	11.2	
130	14.8	15.3	22.9	

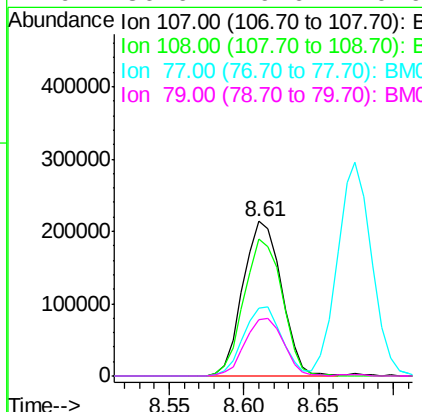
Manual Integrations
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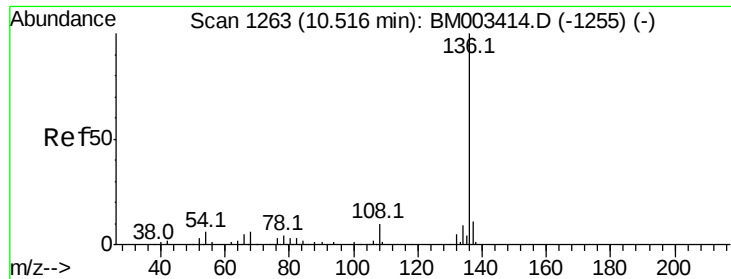
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#20
3+4-Methylphenols
Concen: 45.86 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.4	73.2	113.2	
77	43.8	10.7	50.7	
79	36.6	9.6	49.6	





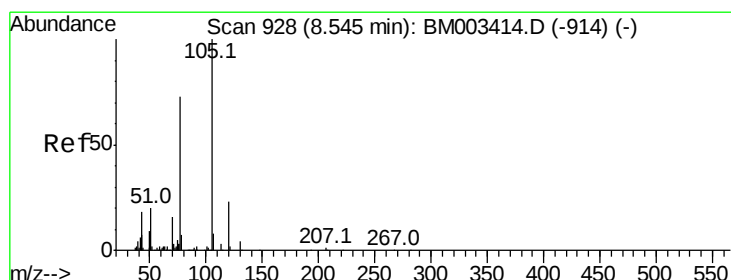
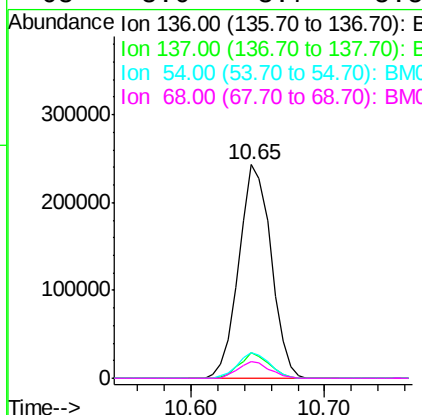
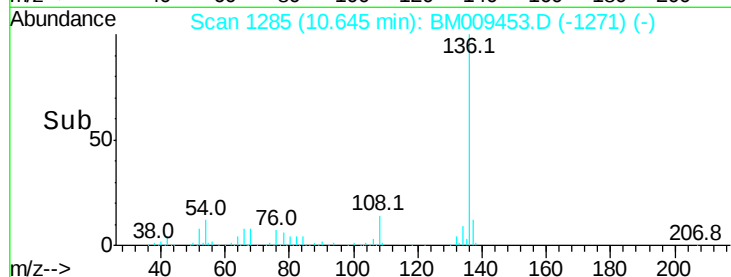
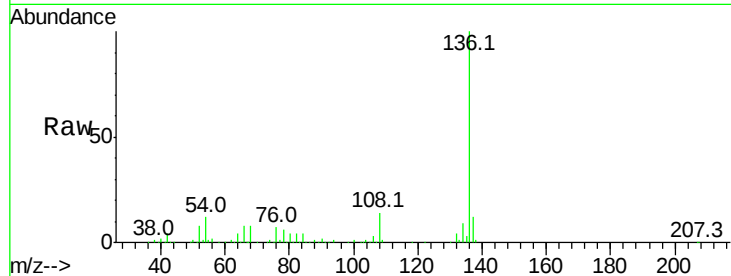
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		406574		
137	11.8	8.7	13.1		
54	12.2	4.6	6.8#		
68	8.0	3.7	5.5#		

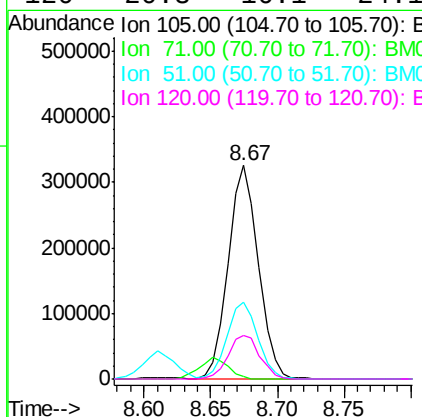
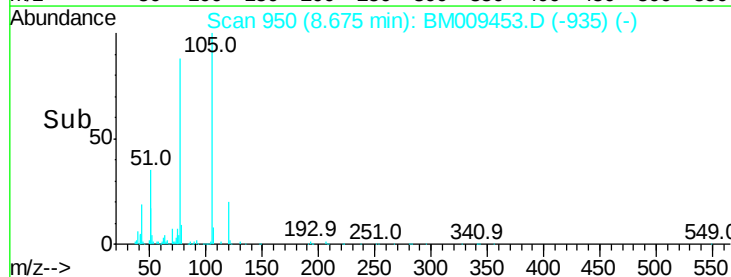
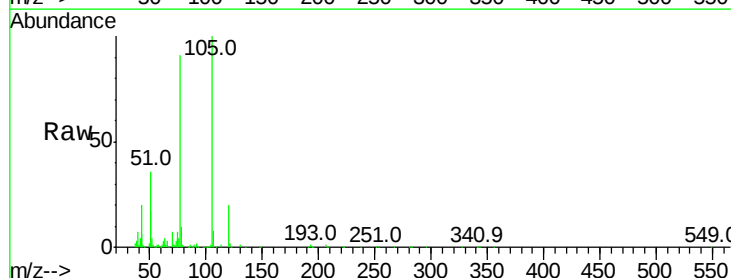
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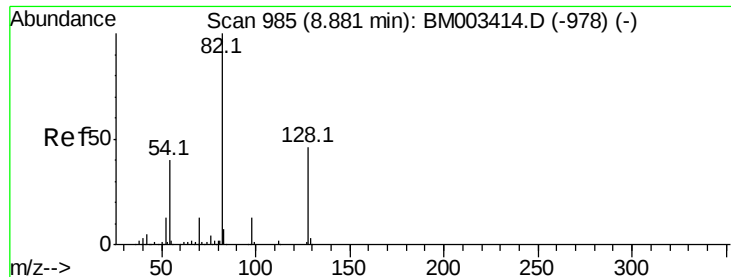
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#22
Acetophenone
Concen: 44.71 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		512719		
71	1.0	0.6	1.0#		
51	35.8	21.6	32.4#		
120	20.3	16.1	24.1		





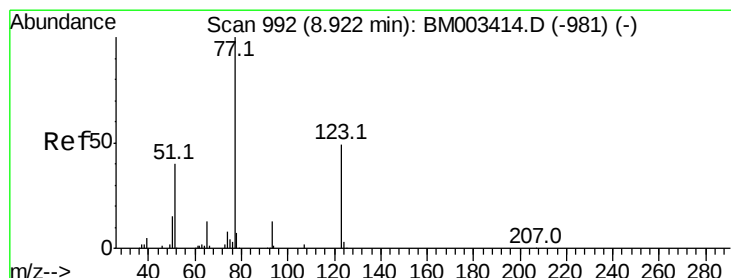
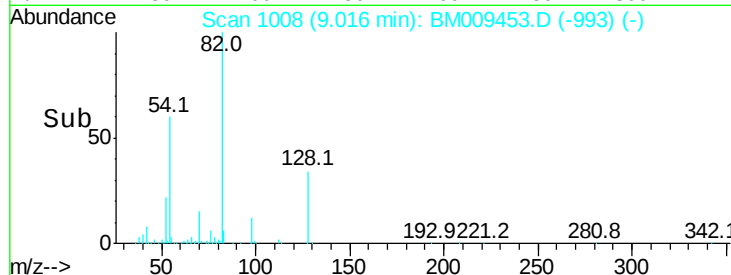
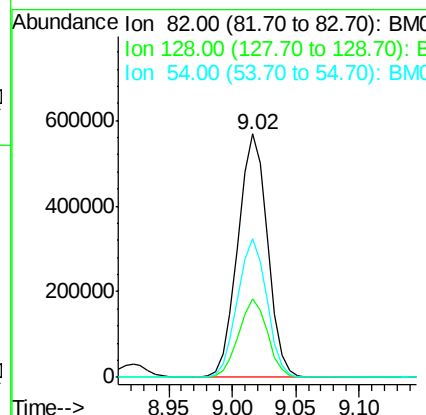
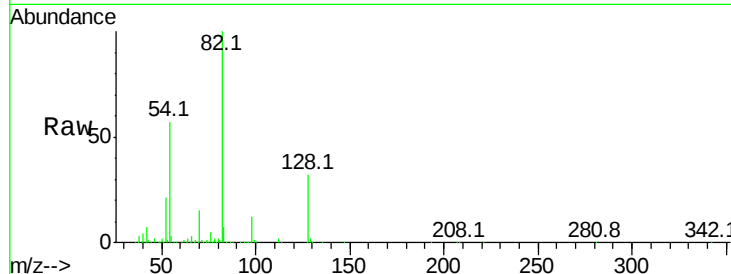
#23
Nitrobenzene-d5
Concen: 84.95 ng
RT: 9.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	32.2	32.8	49.2#	
54	56.9	40.6	60.8	

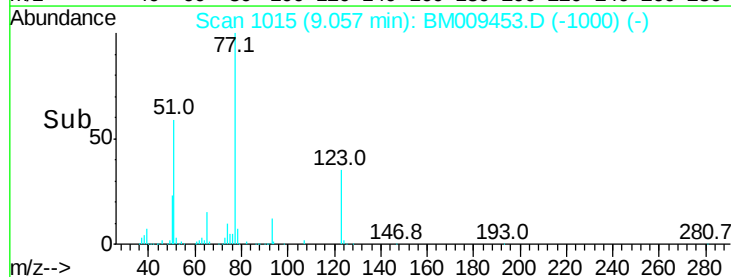
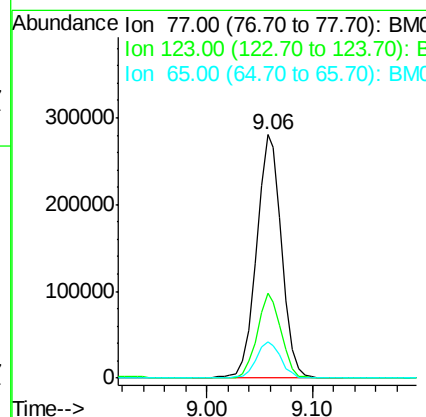
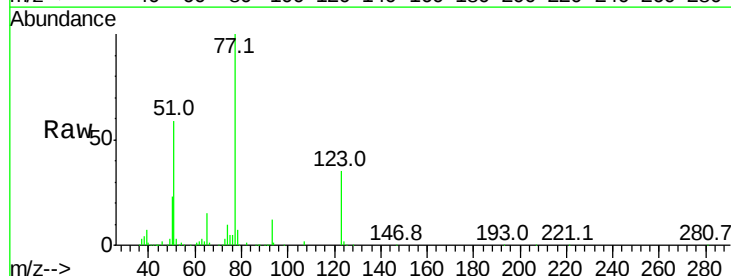
Manual Integrations
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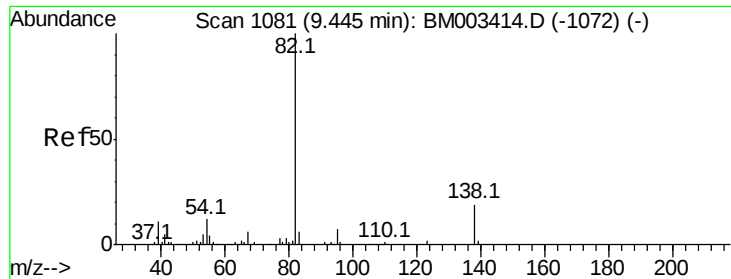
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#24
Nitrobenzene
Concen: 43.68 ng
RT: 9.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.8	32.6	49.0	
65	14.7	10.9	16.3	





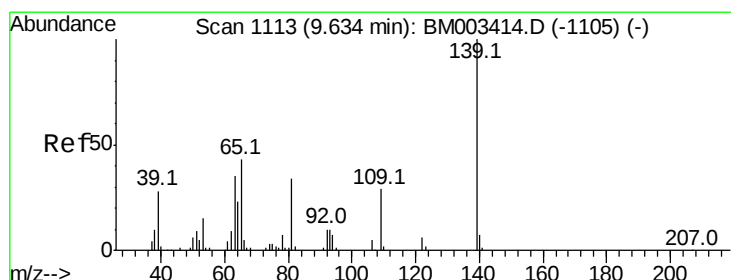
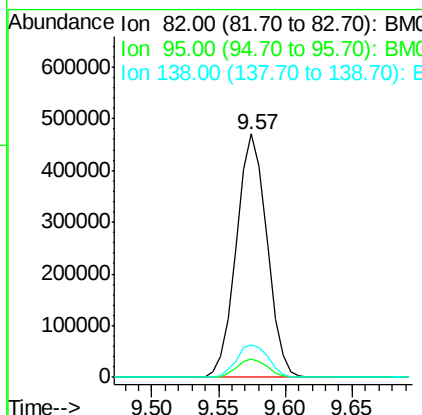
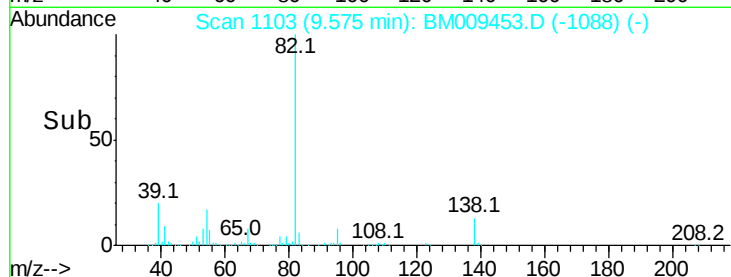
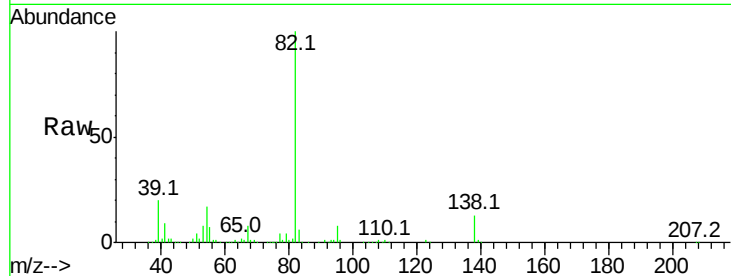
#25
Isophorone
Concen: 45.33 ng
RT: 9.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.5	5.8	8.6	
138	13.2	16.3	24.5	

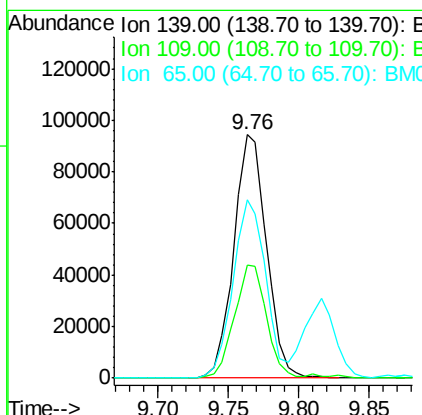
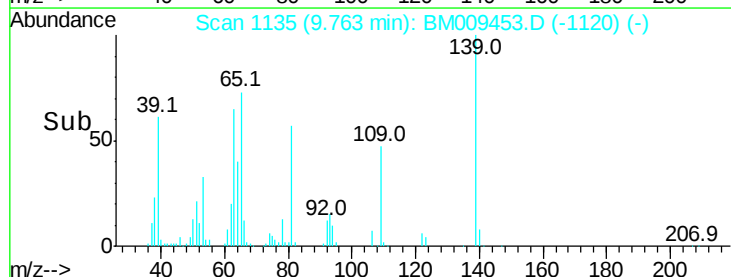
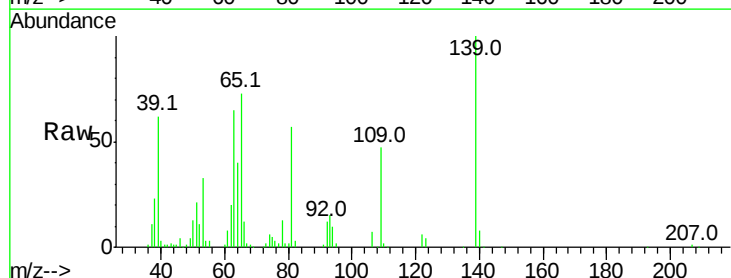
Manual Integrations
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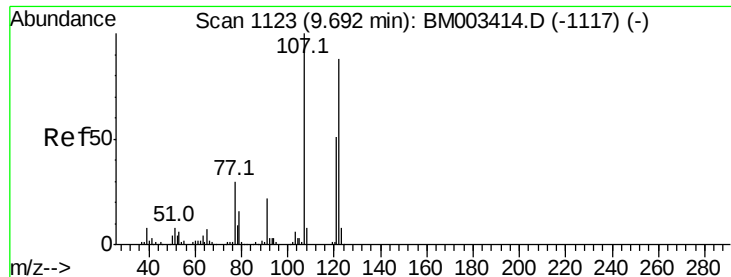
mohammad
3/31/2017 2:11:59 PM



#26
2-Nitrophenol
Concen: 47.57 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	46.5	20.1	30.1	
65	73.4	31.5	47.3	





#27

2,4-Dimethylphenol

Concen: 50.02 ng

RT: 9.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

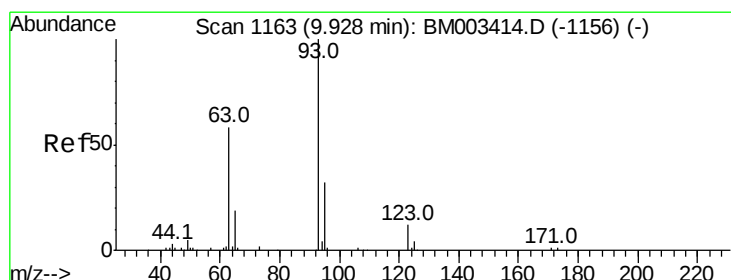
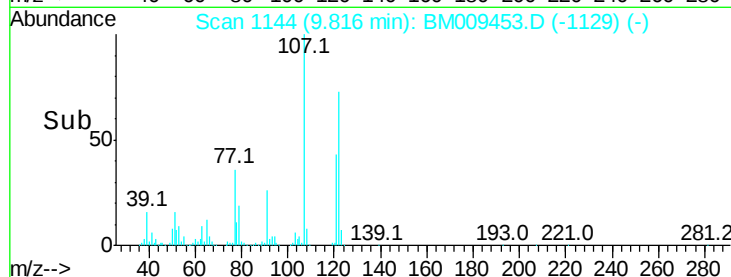
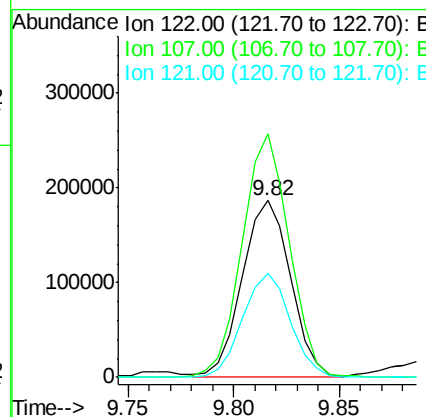
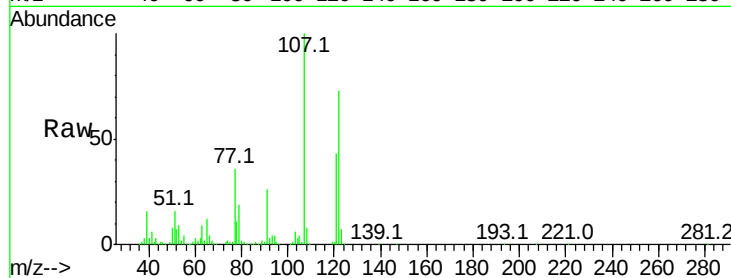
ClientSampleId :

PB97931BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	293211		
107	137.6	84.7	127.1#	
121	58.7	46.6	69.8	

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3/31/2017 2:11:59 PM



#28

bis(2-Chloroethoxy)methane

Concen: 44.16 ng

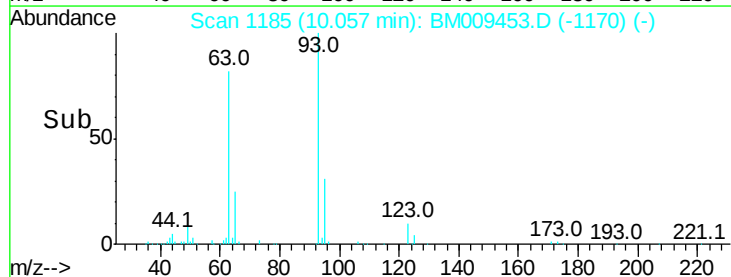
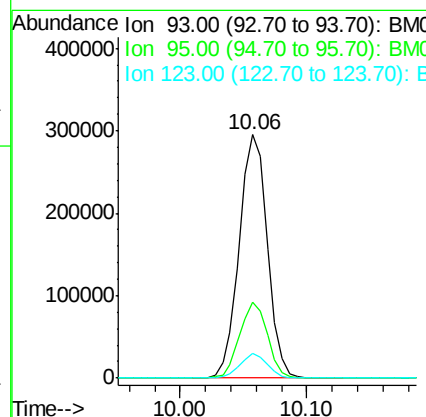
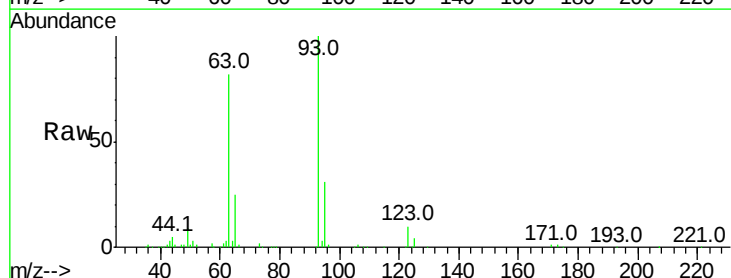
RT: 10.06 min Scan# 1185

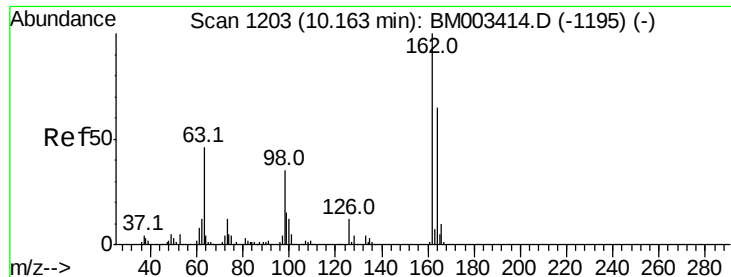
Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	452333		
95	31.1	25.5	38.3	
123	10.4	8.6	13.0	





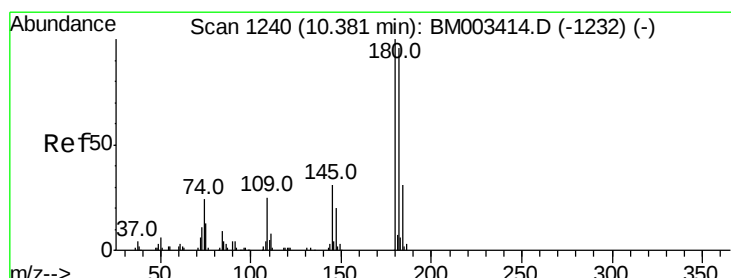
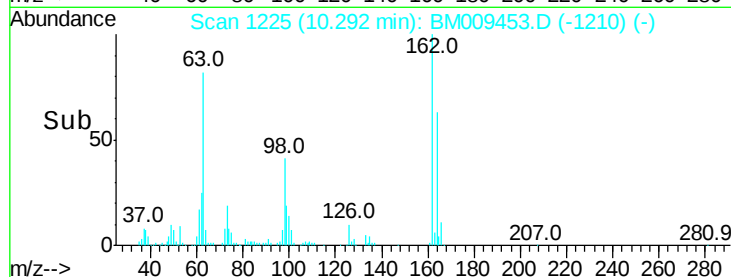
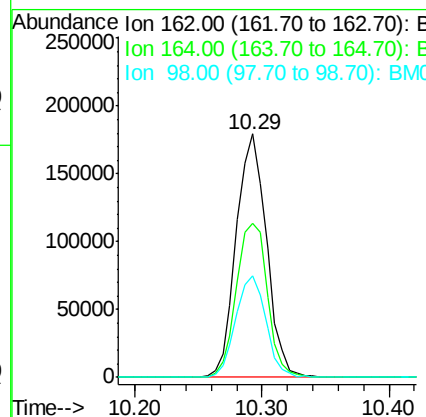
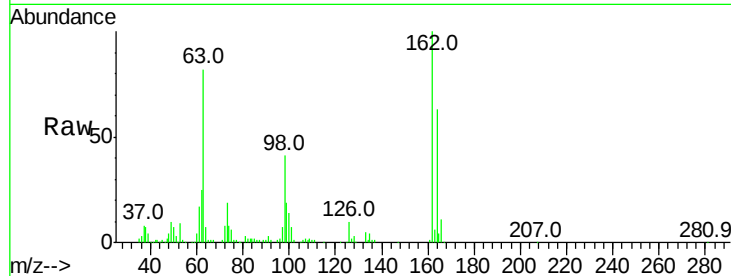
#29
2,4-Dichlorophenol
Concen: 48.41 ng
RT: 10.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	42.8	82.8
98	41.5	14.5	54.5

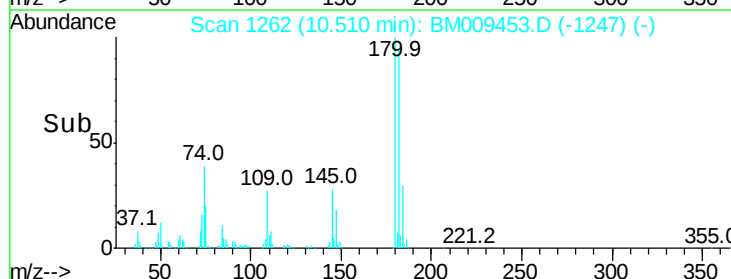
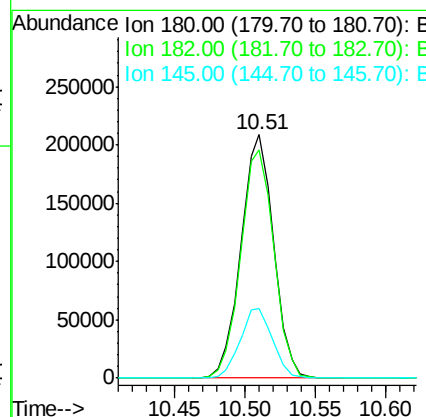
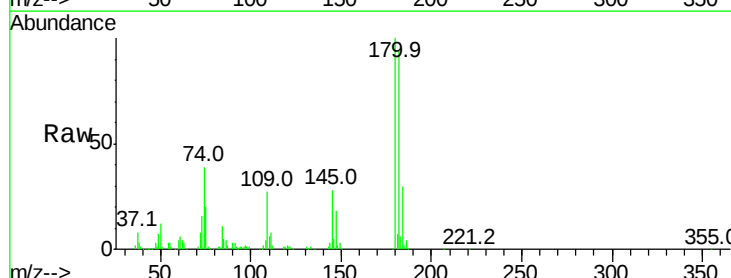
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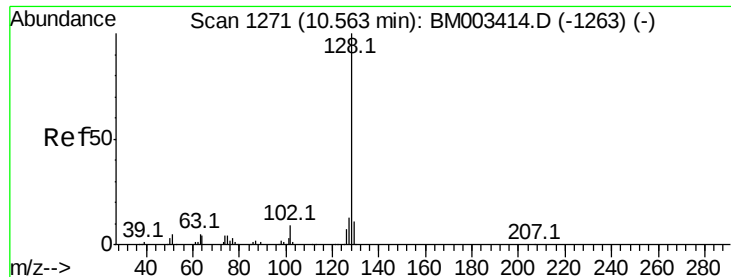
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#30
1,2,4-Trichlorobenzene
Concen: 44.20 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.6	77.6	116.4
145	28.4	23.4	35.2





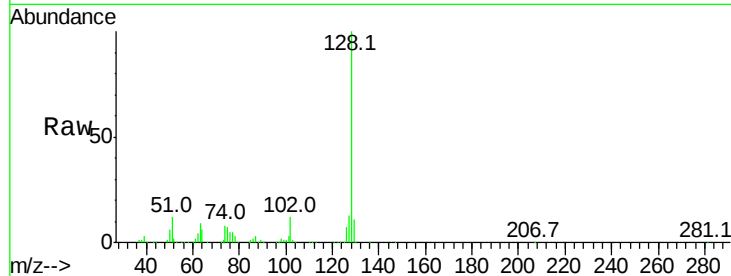
#31
Naphthalene
Concen: 43.43 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

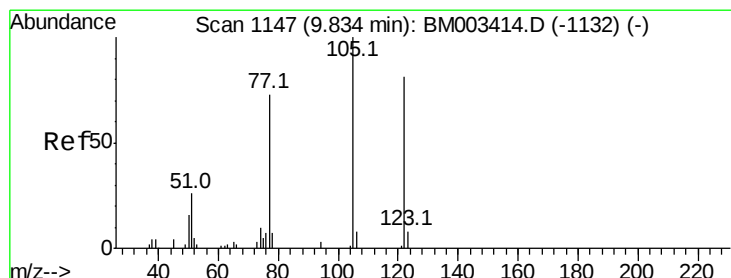
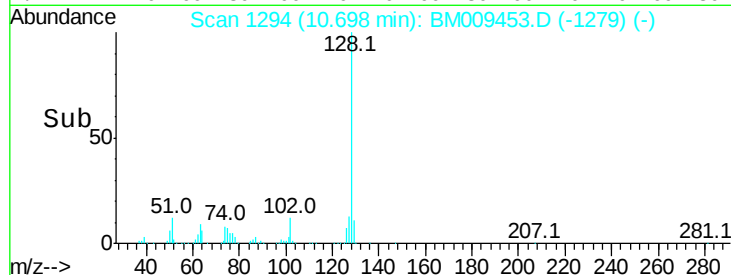
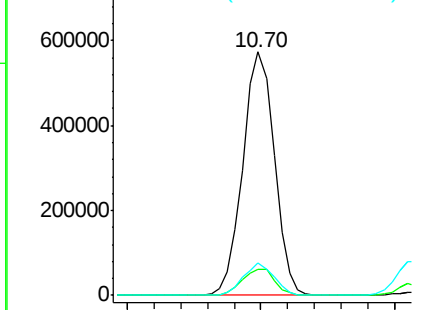
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.8	8.9	13.3	
127	13.5	10.4	15.6	

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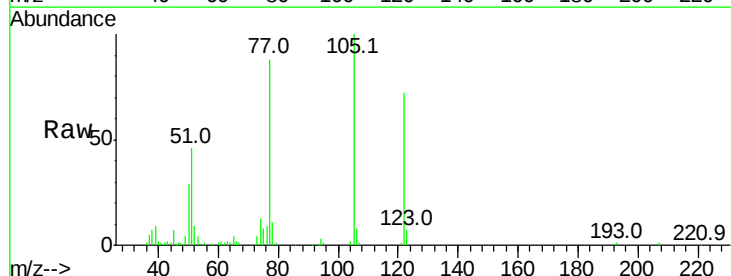


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

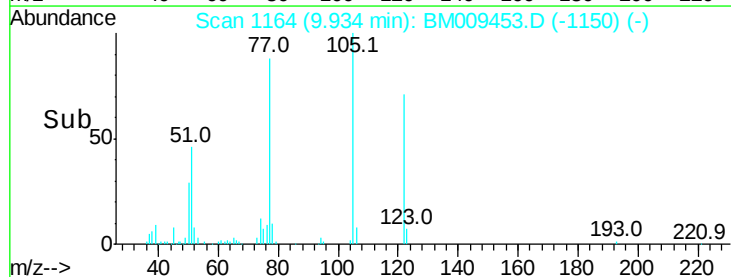
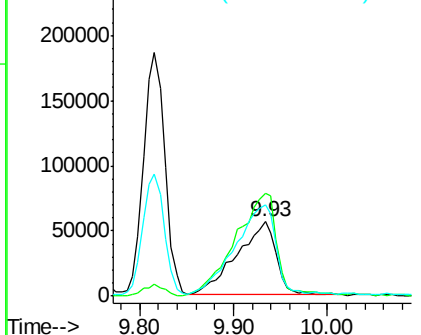


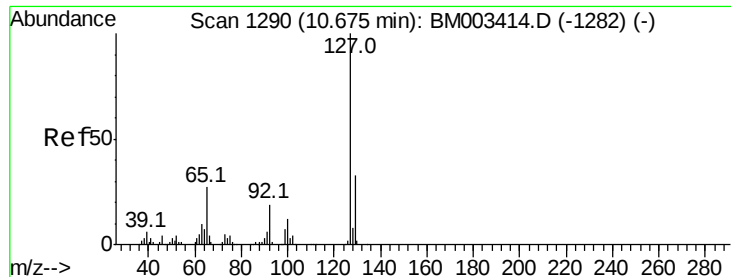
#32
Benzoic acid
Concen: 41.42 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	139.6	99.9	139.9	
77	123.4	73.7	113.7	



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





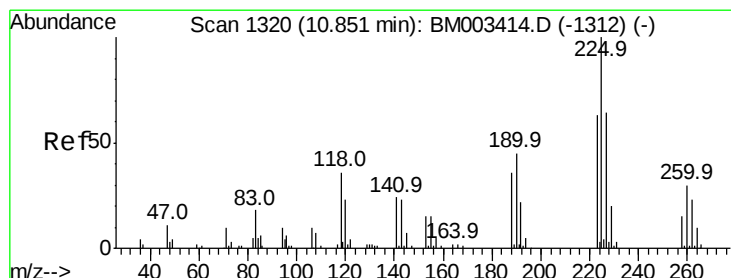
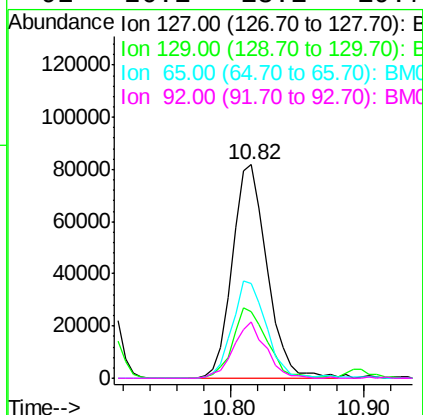
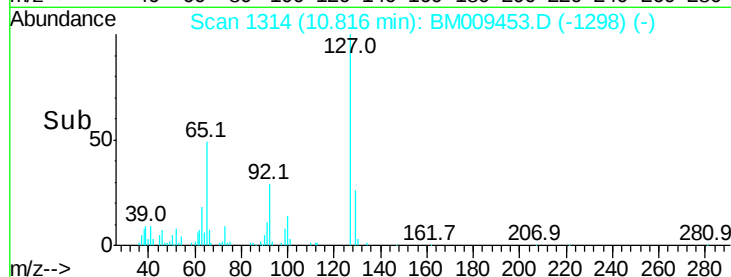
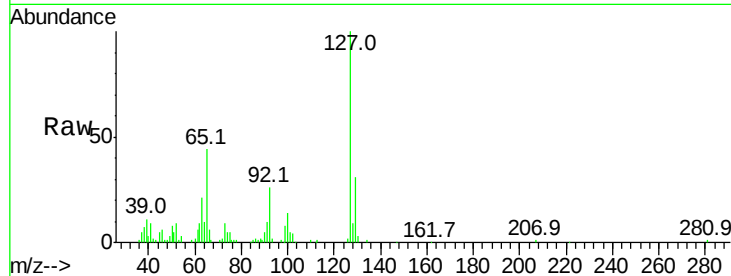
#33
4-Chloroaniline
Concen: 17.77 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.3	37.9		
65	44.3	17.6	26.4		
92	26.1	13.1	19.7		

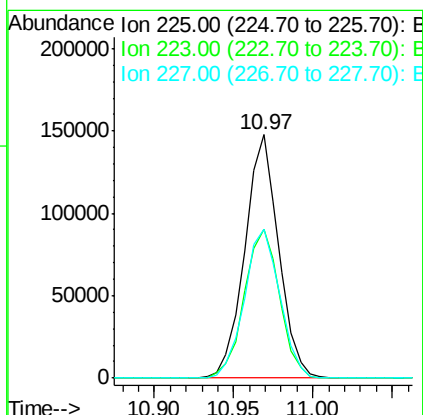
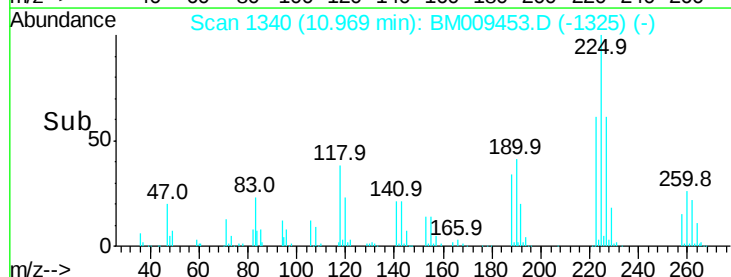
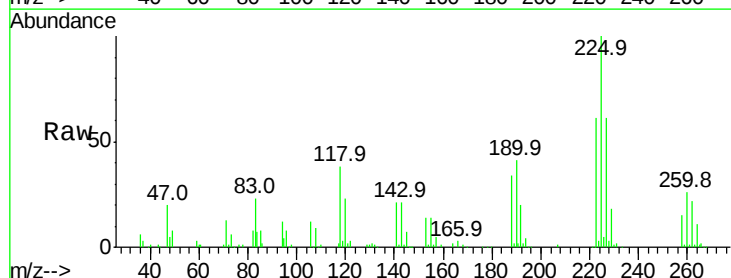
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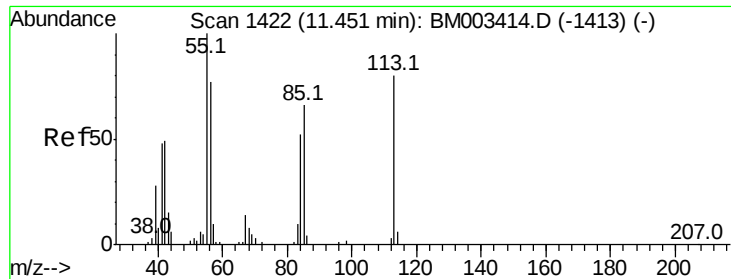
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#34
Hexachlorobutadiene
Concen: 42.10 ng
RT: 10.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.1	47.9	71.9		
227	61.2	50.1	75.1		





#35

Caprolactam

Concen: 48.19 ng/ml

RT: 11.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

ClientSampleId :

PB97931BS

Tot Ion:113 Resp: 90148

Ion Ratio Lower Upper

113 100

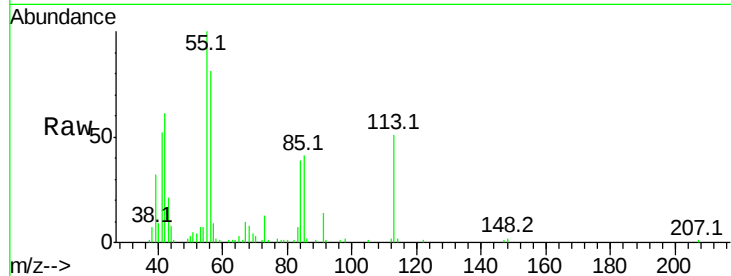
55 196.3 145.9 185.9#

56 159.8 101.0 141.0#

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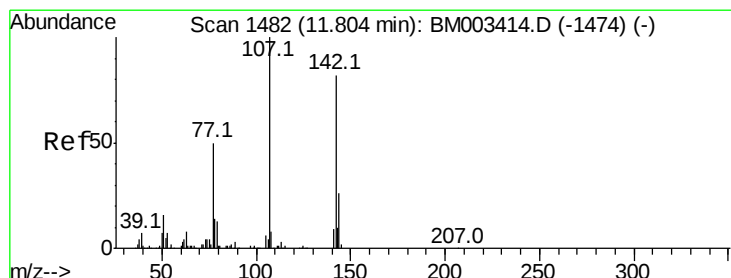
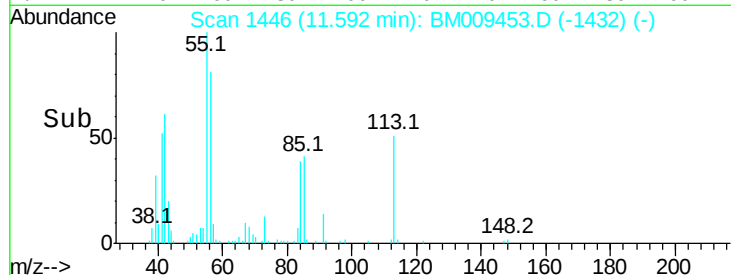
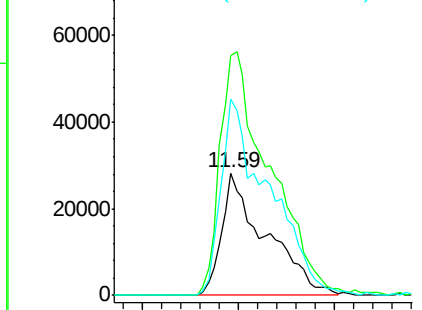
3/31/2017 2:11:59 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM009453.D (-1413) (-)

Ion 56.00 (55.70 to 56.70): BM009453.D (-1413) (-)



#36

4-Chloro-3-methylphenol

Concen: 48.57 ng/ml

RT: 11.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

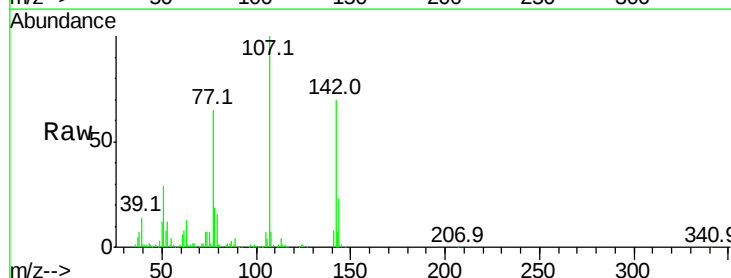
Tgt Ion:107 Resp: 336702

Ion Ratio Lower Upper

107 100

144 23.4 23.3 34.9

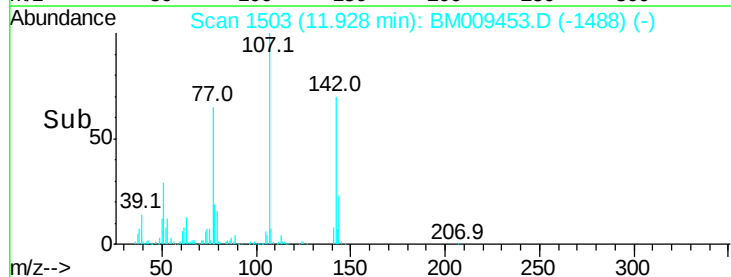
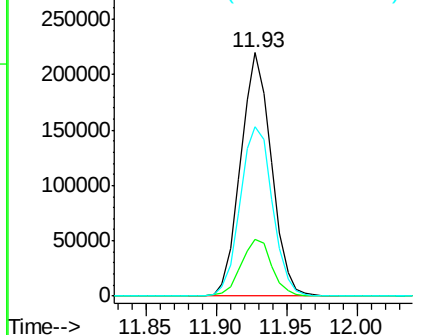
142 69.6 72.6 109.0#

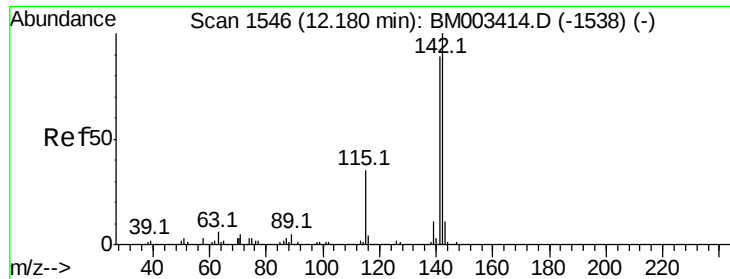


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





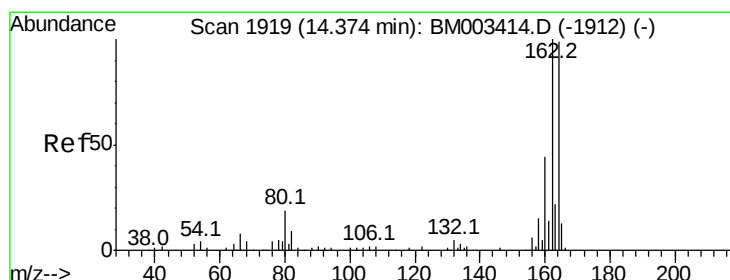
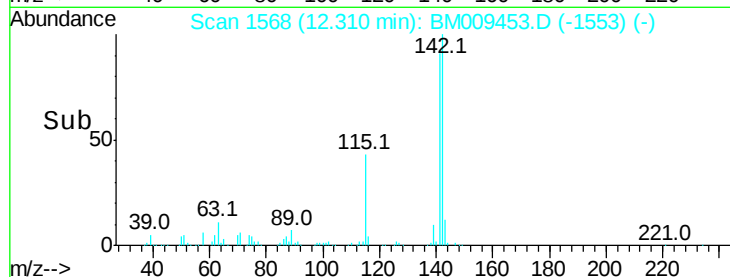
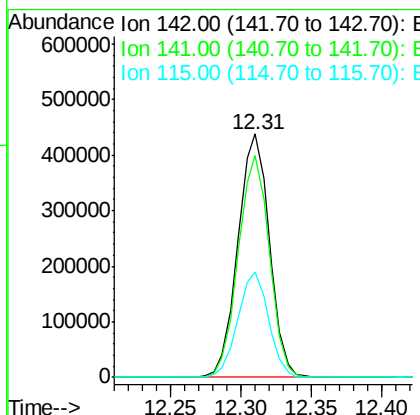
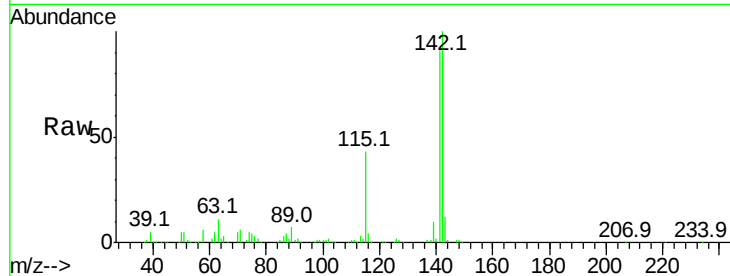
#37
2-Methylnaphthalene
Concen: 45.78 ng
RT: 12.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9
115	43.3	25.4	38.0

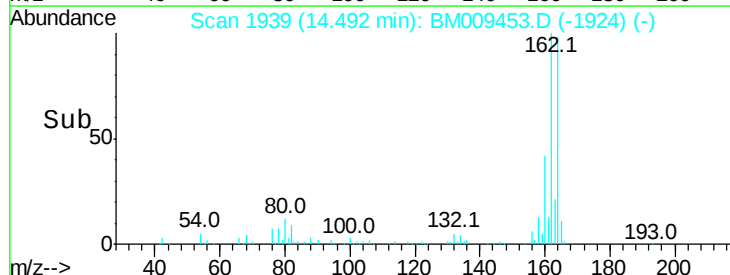
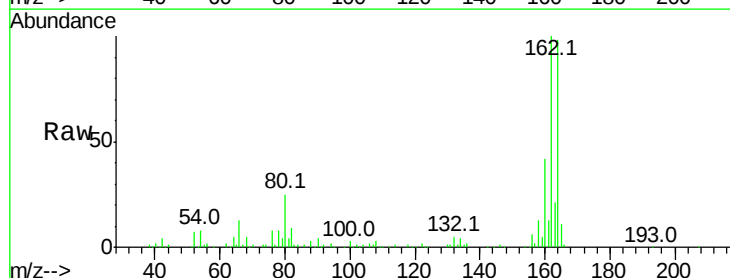
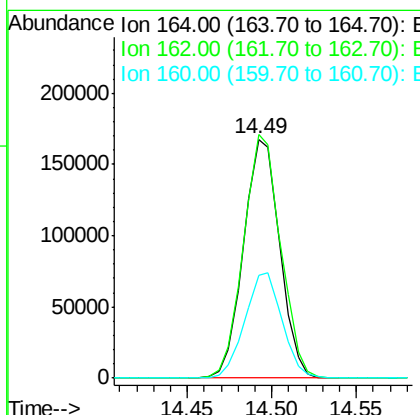
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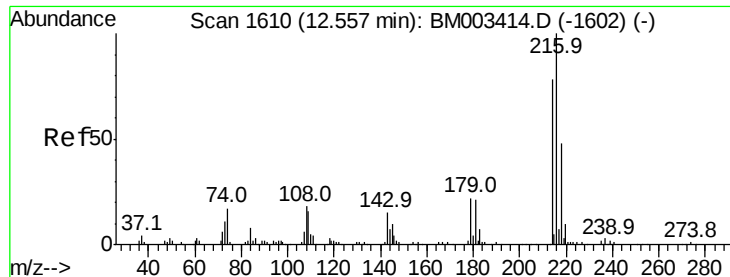
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.4	123.6
160	42.9	35.8	53.6





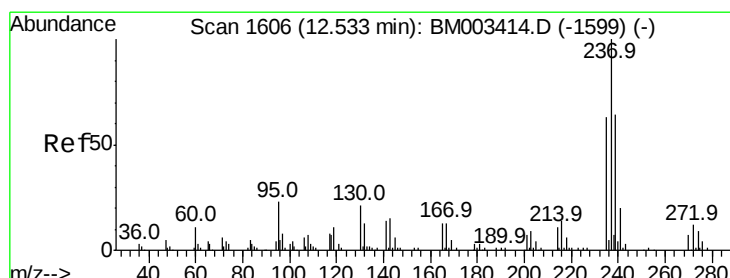
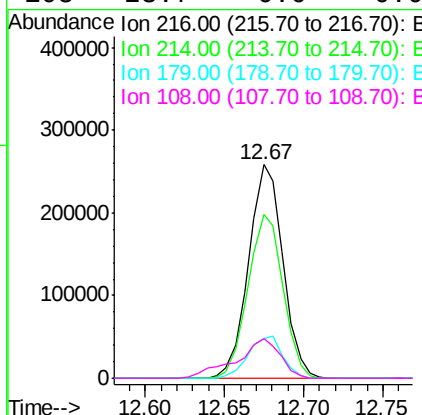
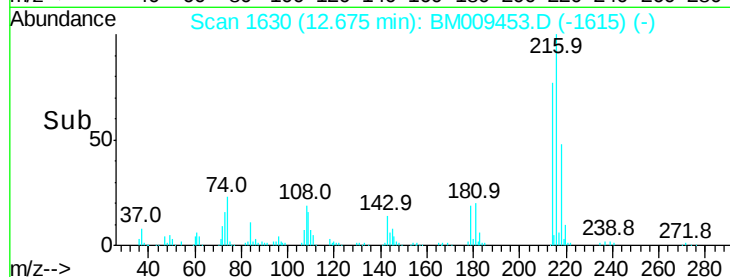
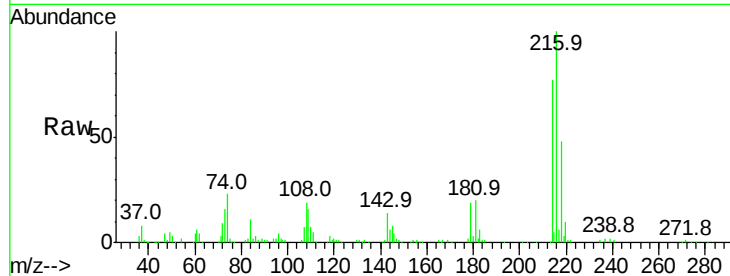
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.11 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.4	0.0	0.0#
179	20.1	0.0	0.0#
108	23.7	0.0	0.0#

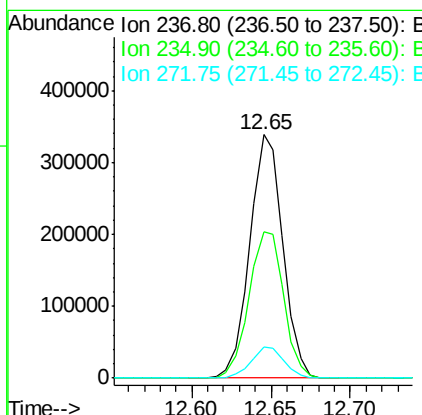
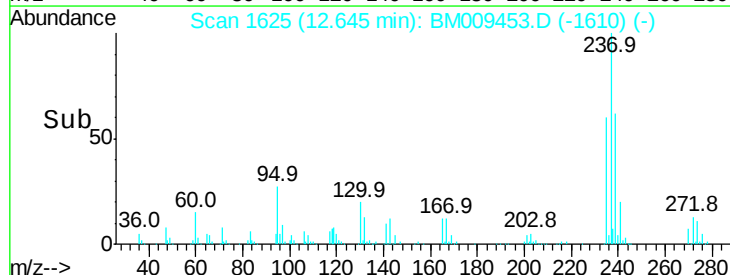
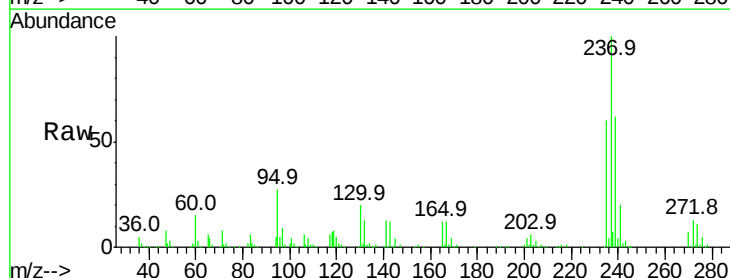
Manual Integrations
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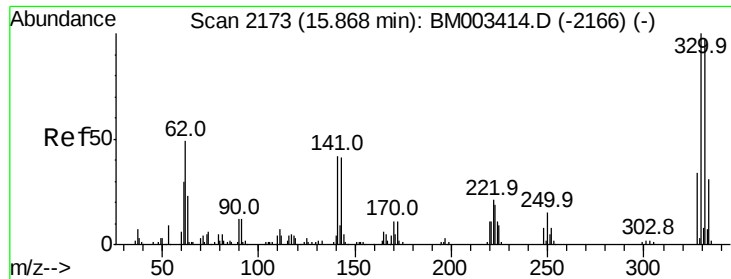
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 90.62 ng
 RT: 12.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.0	42.0	82.0
272	12.6	0.0	33.4





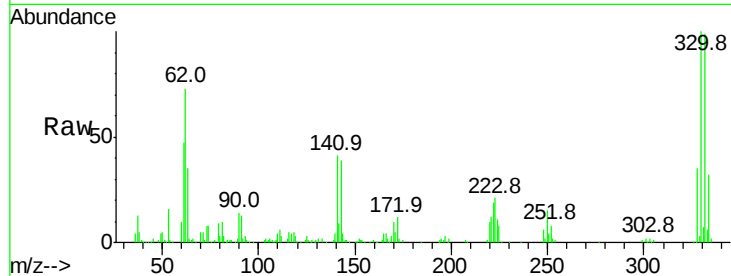
#41
 2,4,6-Tribromophenol
 Concen: 99.34 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	0.0	0.0	0.0
141	40.4	0.0	0.0	0.0

Manual Integrations
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 3/31/2017 2:11:59 PM

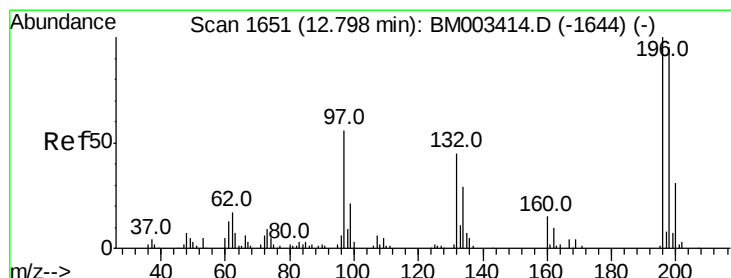
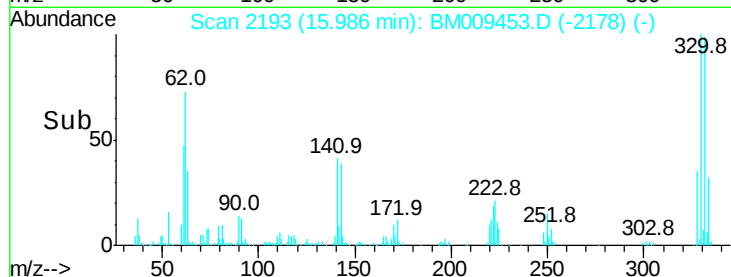
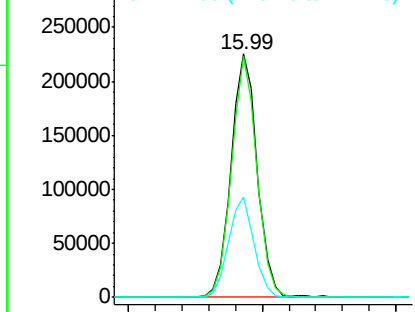


Abundance

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: 48.14 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

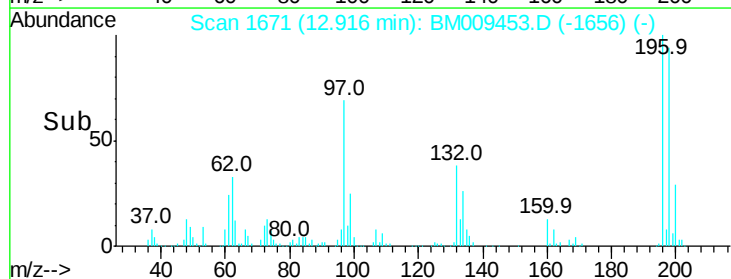
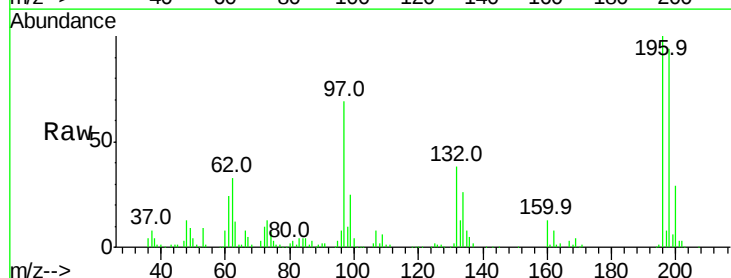
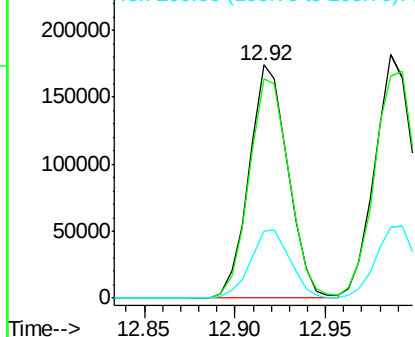
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.1	76.3	114.5	
200	28.6	25.6	38.4	

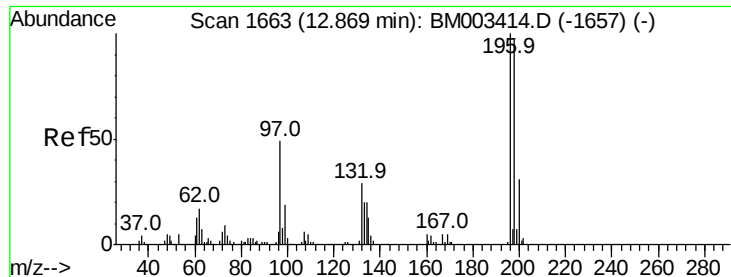
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





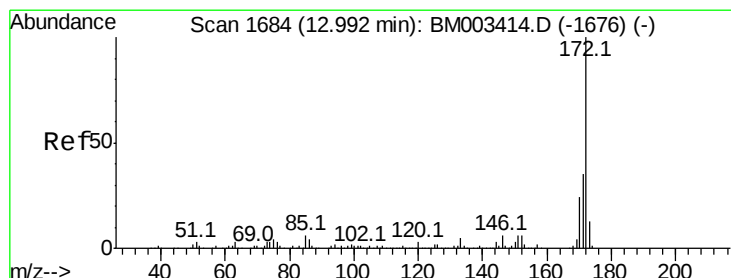
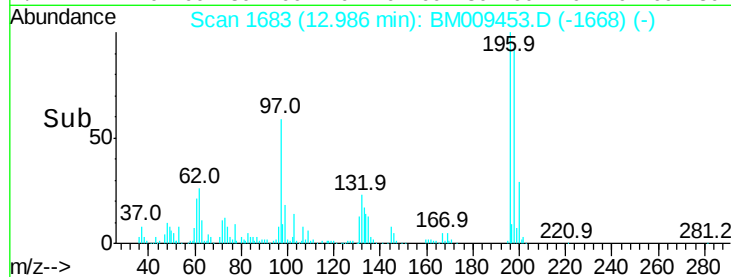
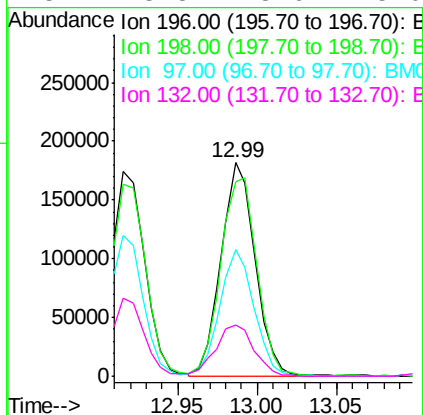
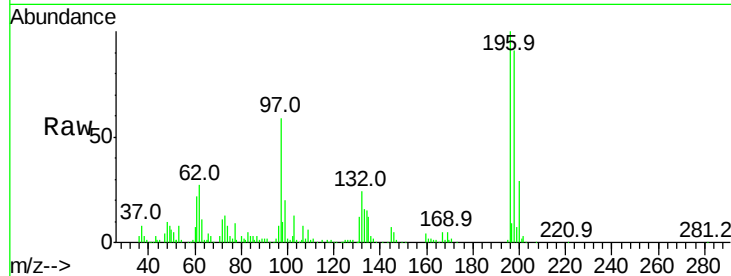
#43
 2,4,5-Trichlorophenol
 Concen: 44.70 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Instrument :
 BNA_M
 ClientSampleID :
 PB97931BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	269441		
198	90.9	79.4	119.0	
97	59.5	26.8	40.2	
132	23.8	18.6	28.0	

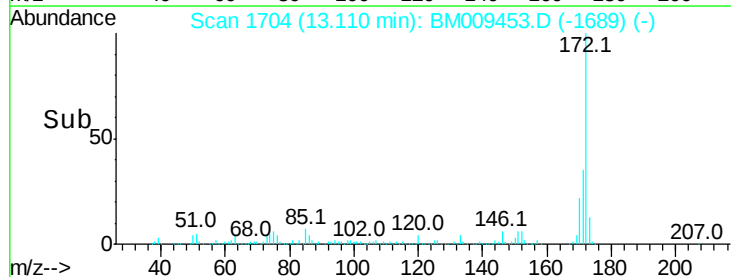
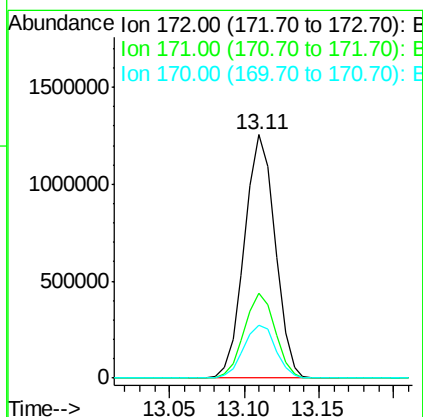
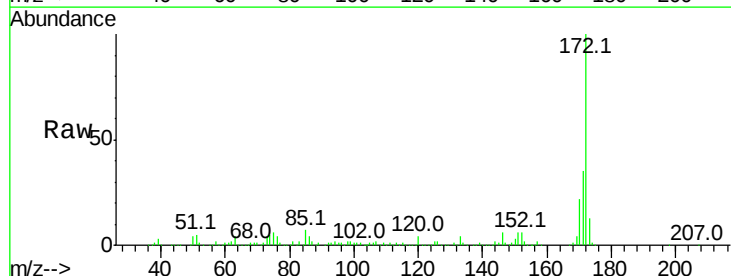
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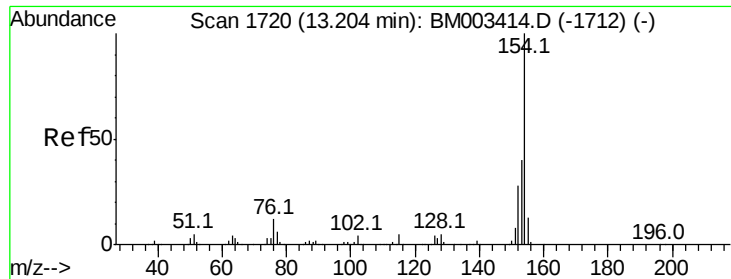
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 85.95 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1784962		
171	35.1	28.5	42.7	
170	21.9	18.8	28.2	





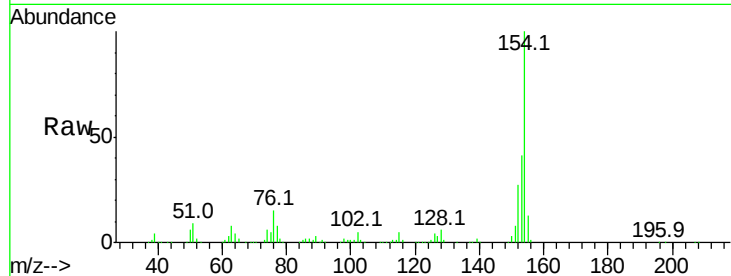
#45
 1,1'-Biphenyl
 Concen: 43.64 ng
 RT: 13.32 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BS

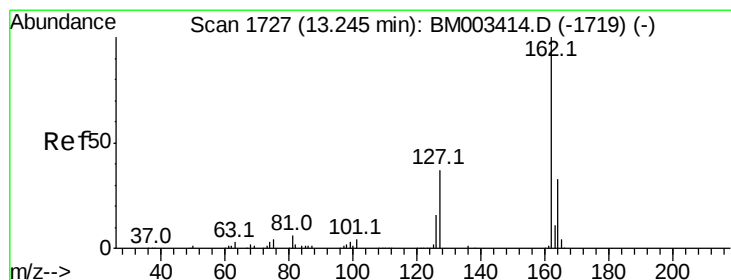
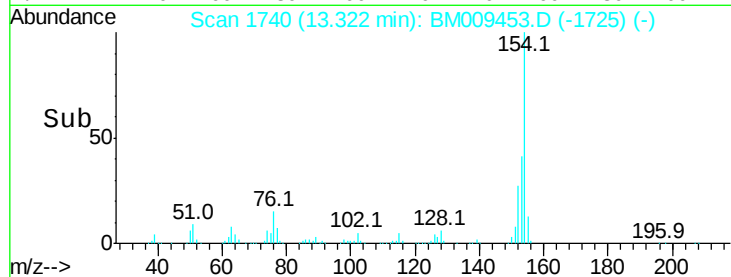
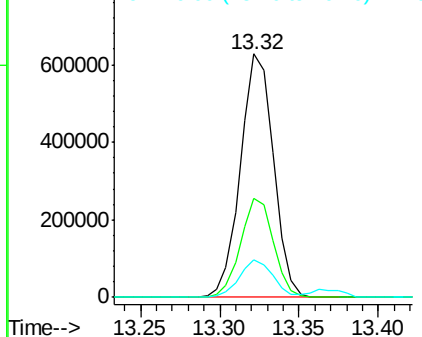
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.7	60.7
76	15.4	0.0	30.9

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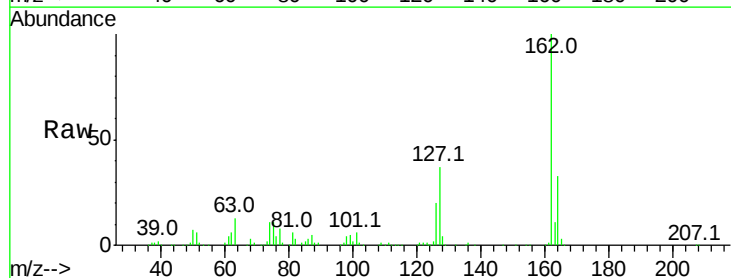


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

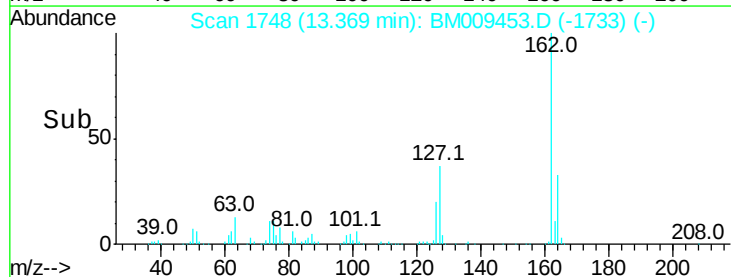
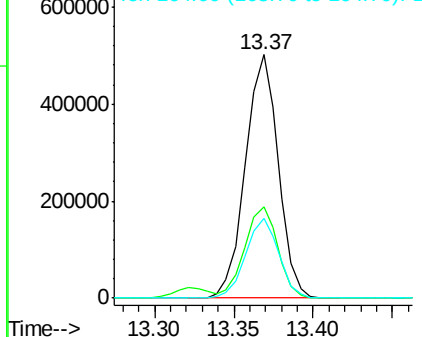


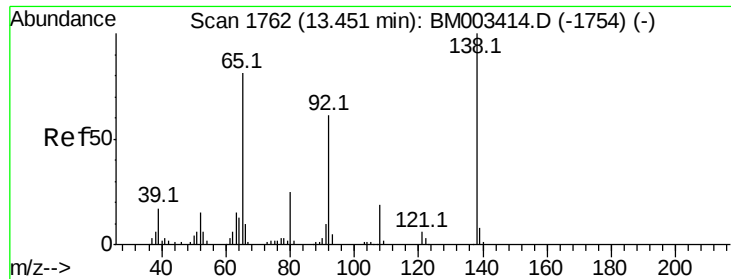
#46
 2-Chloronaphthalene
 Concen: 44.68 ng
 RT: 13.37 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.4	26.9	40.3
164	33.0	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.28 ng

RT: 13.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

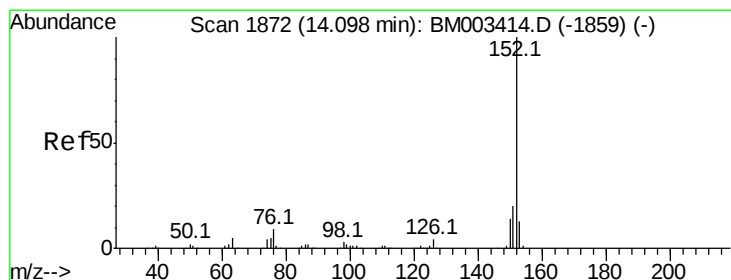
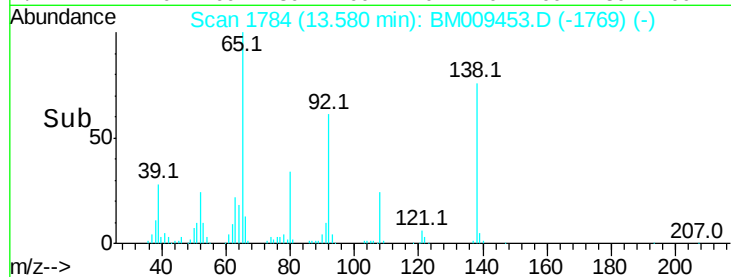
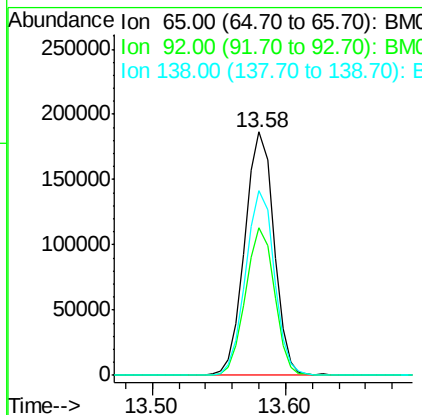
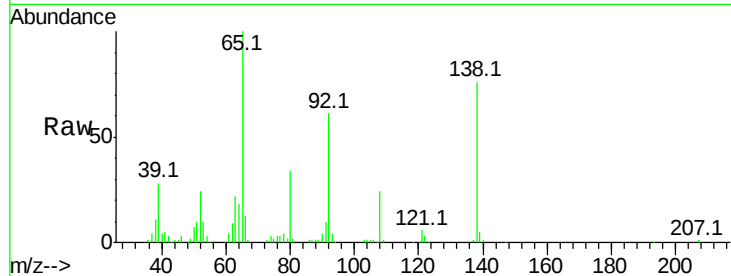
ClientSampleId :

PB97931BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.6	59.1	88.7
138	75.9	93.9	140.9

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#48

Acenaphthylene

Concen: 43.60 ng

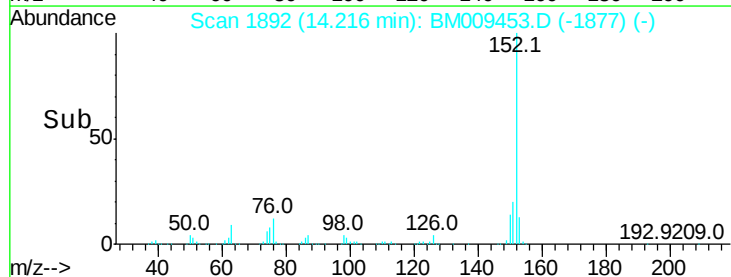
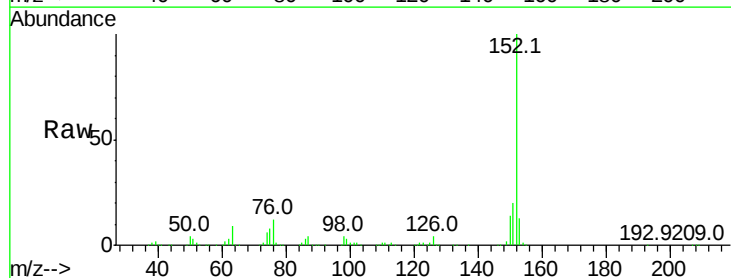
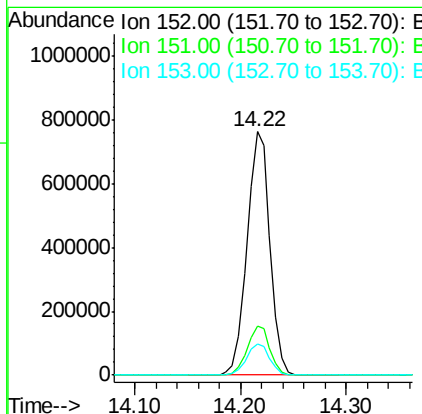
RT: 14.22 min Scan# 1892

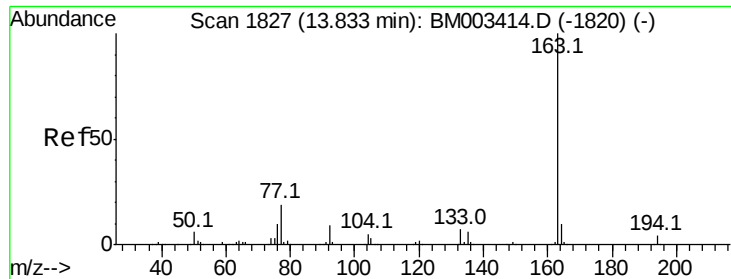
Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	12.8	10.6	16.0





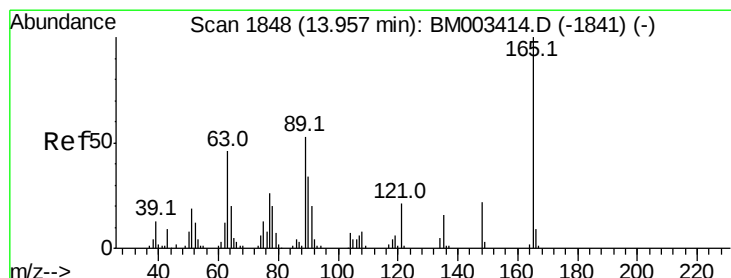
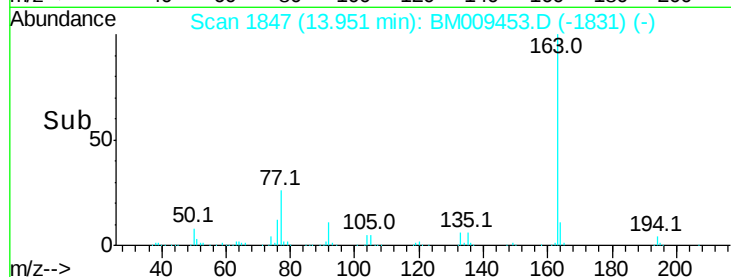
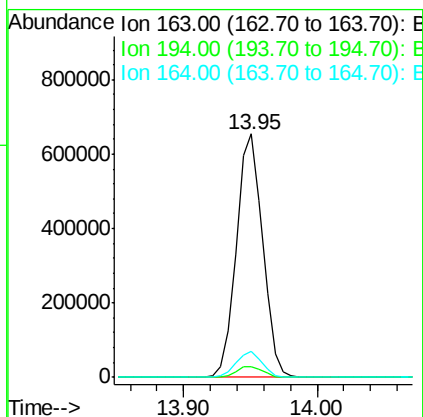
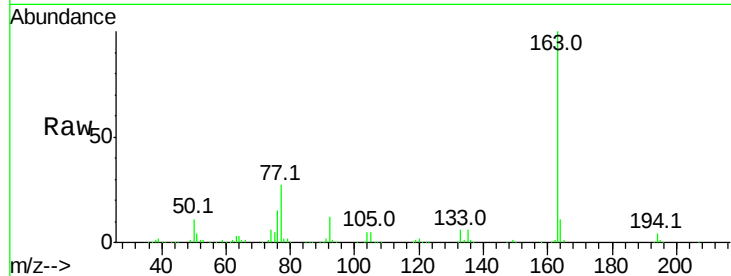
#49
Dimethylphthalate
Concen: 46.37 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	10.7	8.2	12.2	

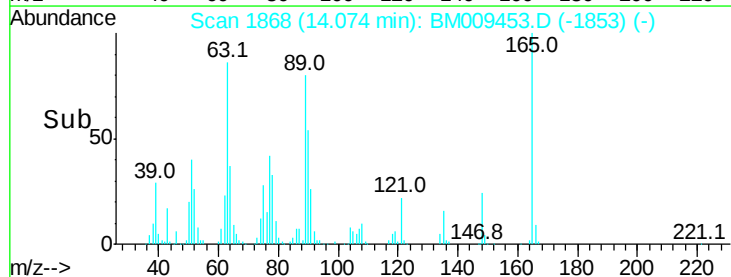
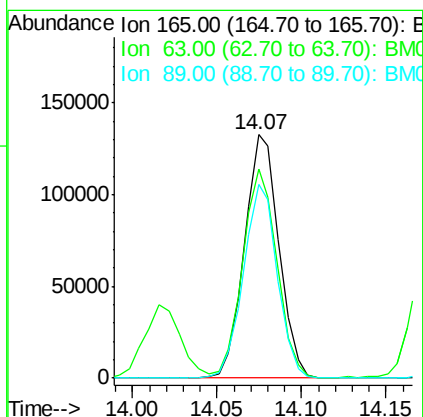
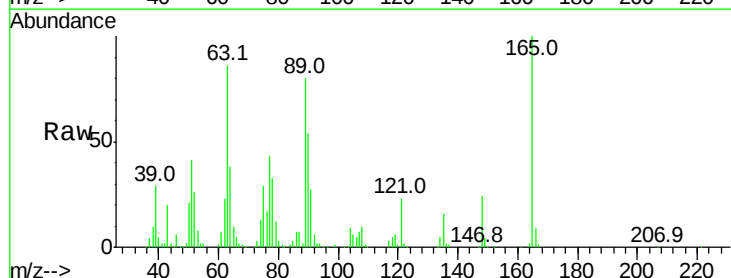
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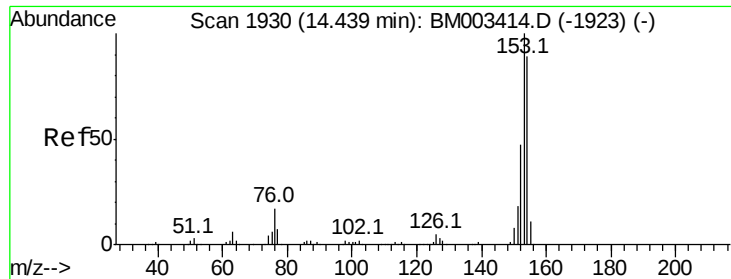
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#50
2,6-Dinitrotoluene
Concen: 45.57 ng
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	86.1	44.1	66.1#	
89	79.7	44.3	66.5#	





#51

Acenaphthene

Concen: 44.22 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

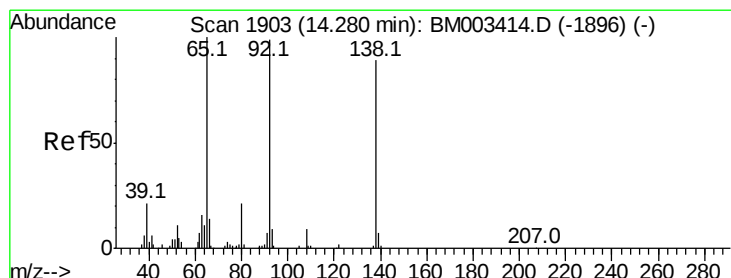
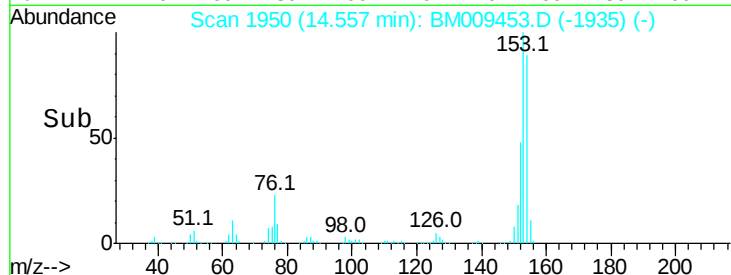
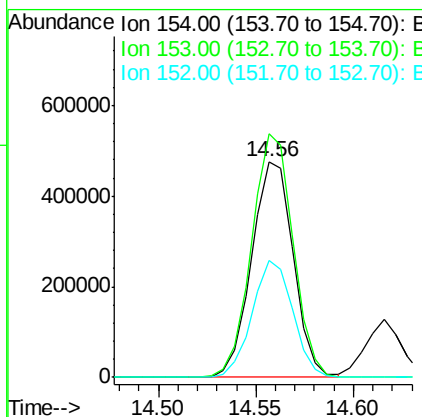
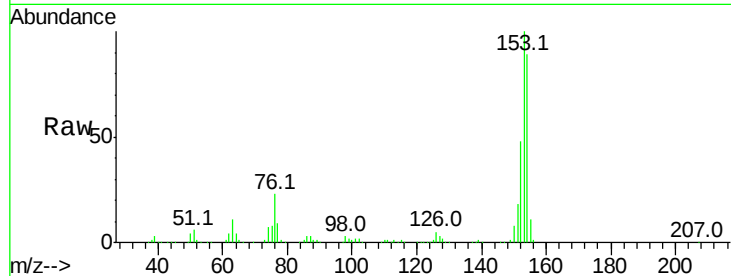
ClientSampleId :

PB97931BS

Tot Ion:	154	Resp:	702945
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.0	135.0
152	54.1	42.6	63.8

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#52

3-Nitroaniline

Concen: 26.44 ng

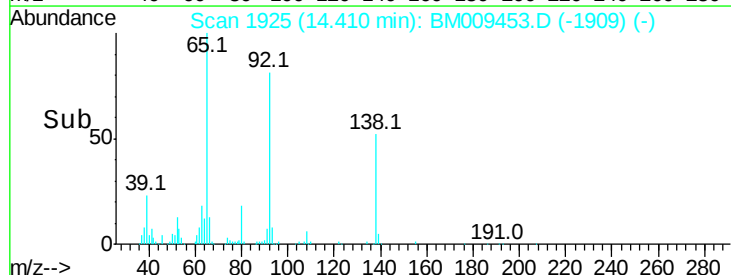
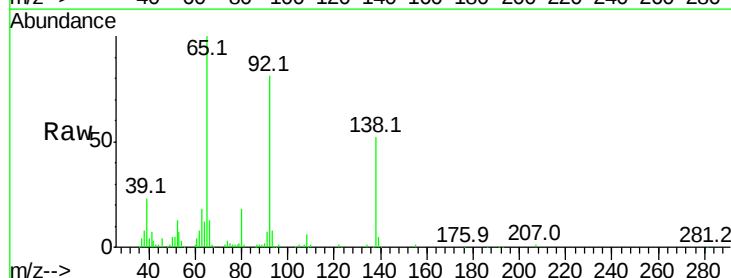
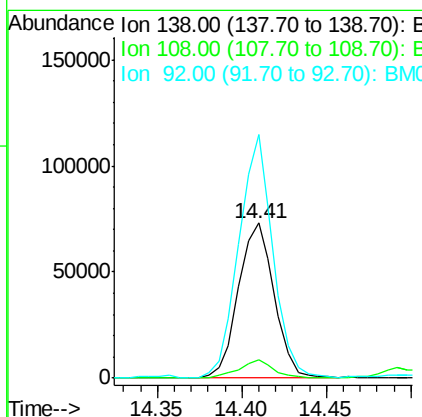
RT: 14.41 min Scan# 1925

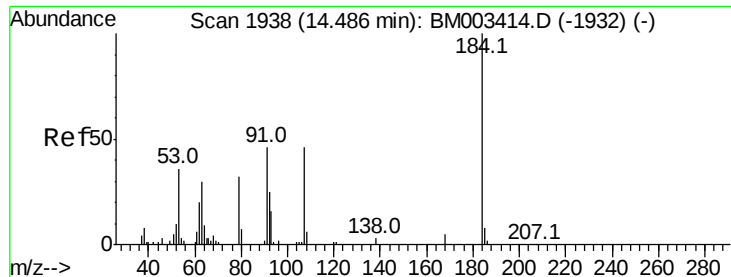
Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Tgt Ion:	138	Resp:	107866
Ion Ratio	Lower	Upper	
138	100		
108	12.0	7.3	10.9#
92	157.3	76.6	114.8#





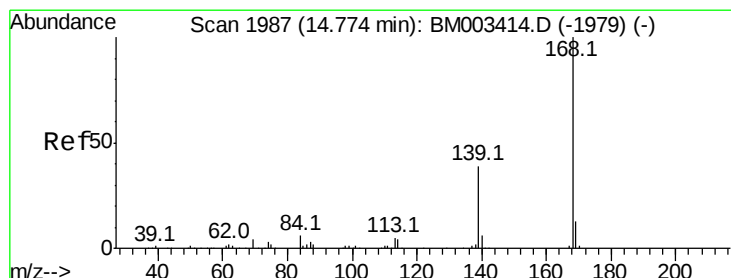
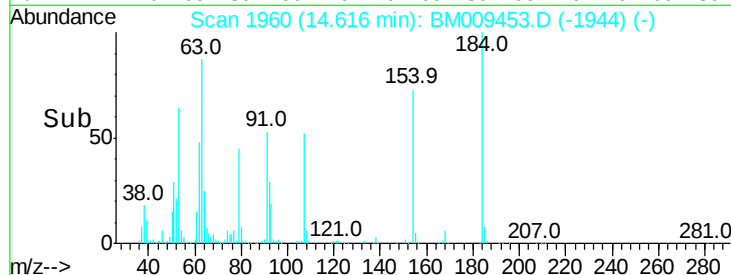
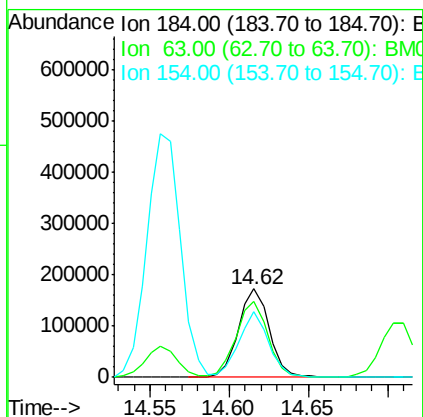
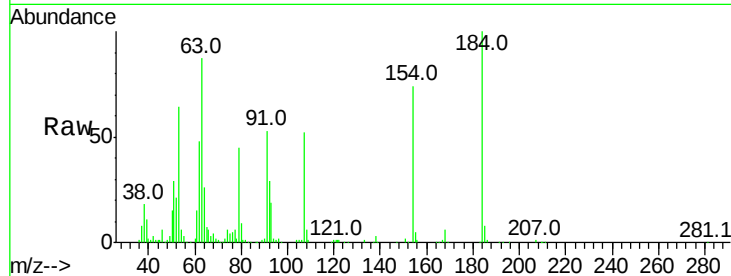
#53
2,4-Dinitrophenol
Concen: 83.97 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	86.5	69.2	103.8
154	73.6	53.3	79.9

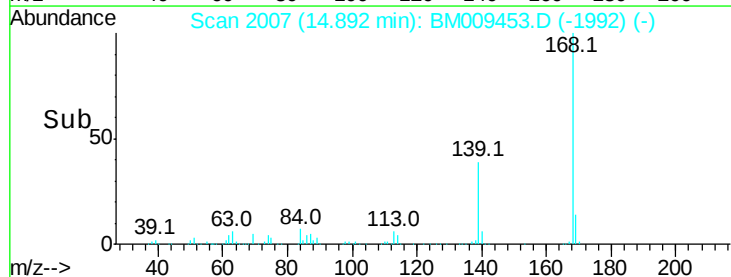
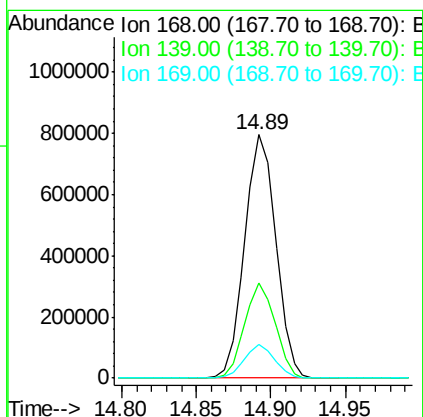
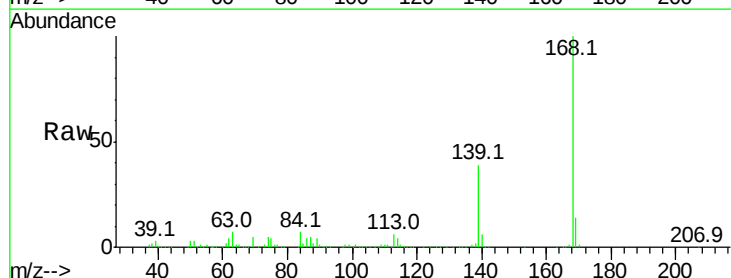
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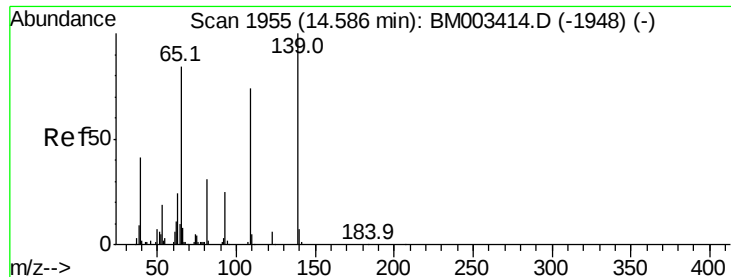
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#54
Dibenzofuran
Concen: 48.86 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	27.3	40.9
169	13.9	10.6	16.0





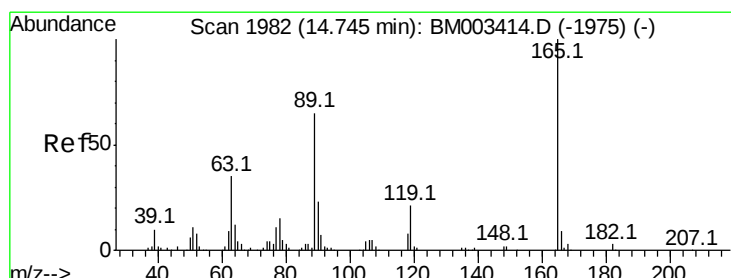
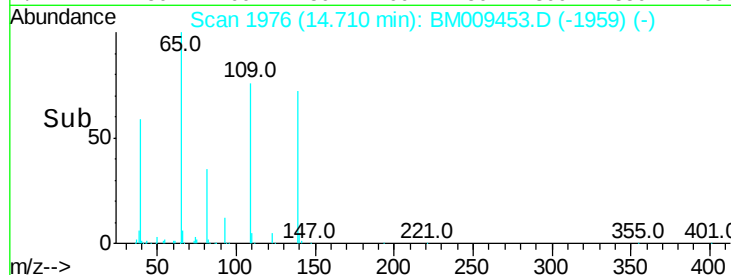
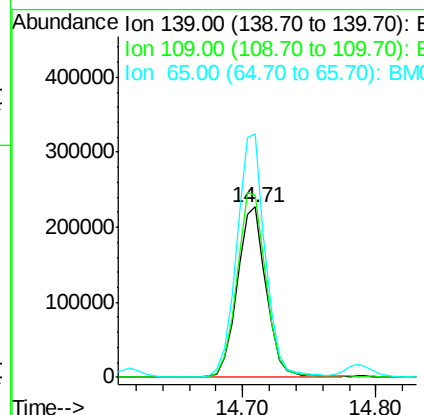
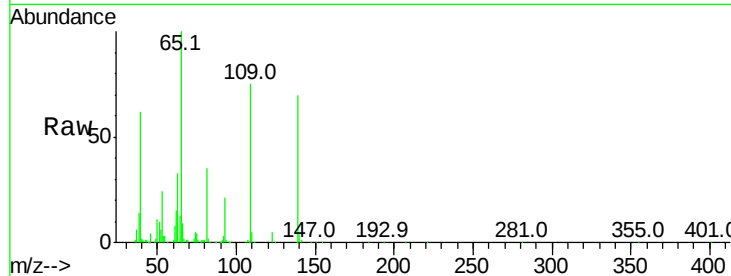
#55
4-Nitrophenol
Concen: 101.67 ng
RT: 14.71 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	106.5	37.7	77.7#
65	142.8	49.9	89.9#

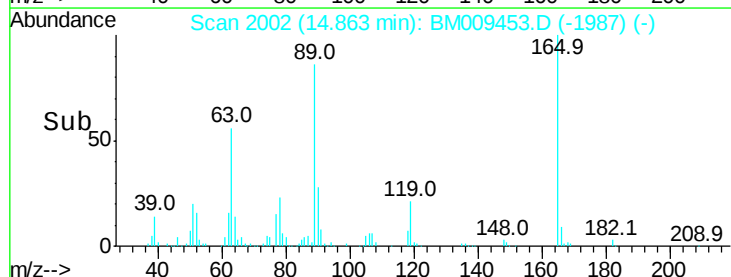
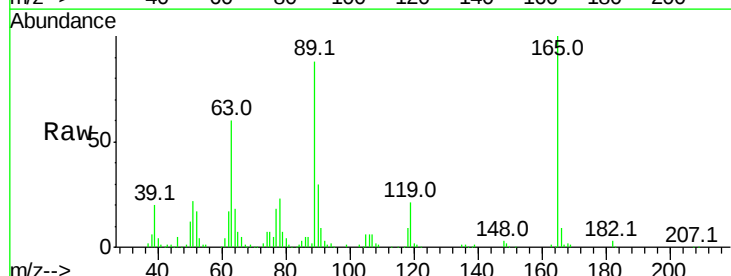
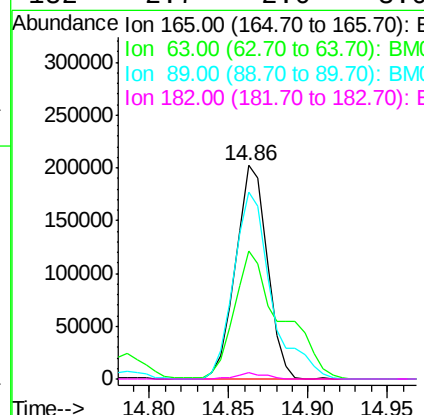
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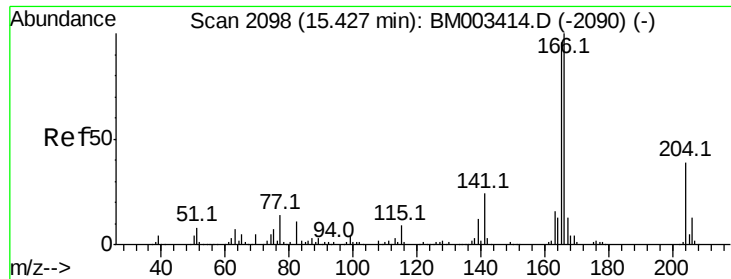
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#56
2,4-Dinitrotoluene
Concen: 50.10 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.2	52.4	78.6
89	87.8	72.4	108.6
182	2.7	2.0	3.0





#57

Fluorene

Concen: 43.89 ng

RT: 15.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

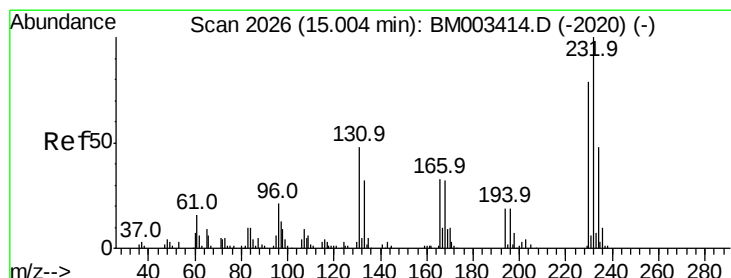
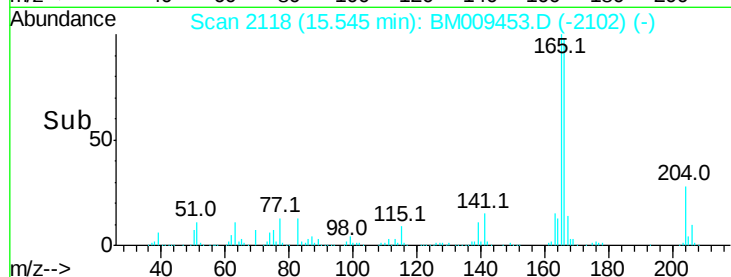
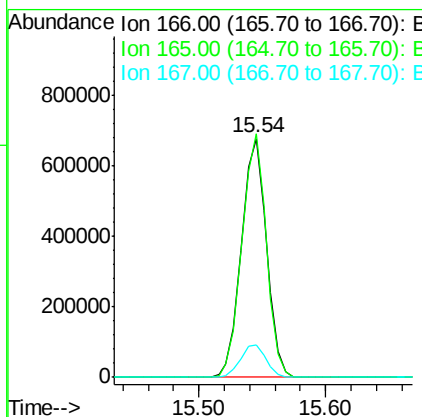
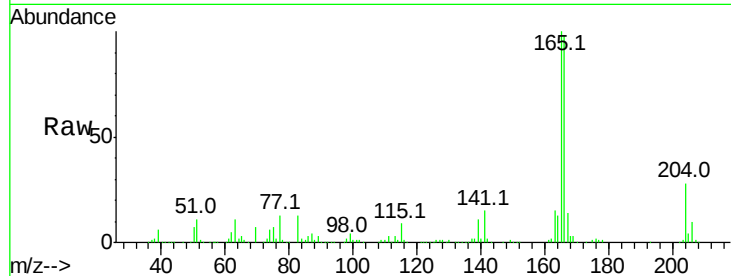
ClientSampleId :

PB97931BS

Tot Ion:	166	Resp:	927282
Ion Ratio	Lower	Upper	
166	100		
165	102.0	79.0	118.4
167	13.8	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 50.15 ng

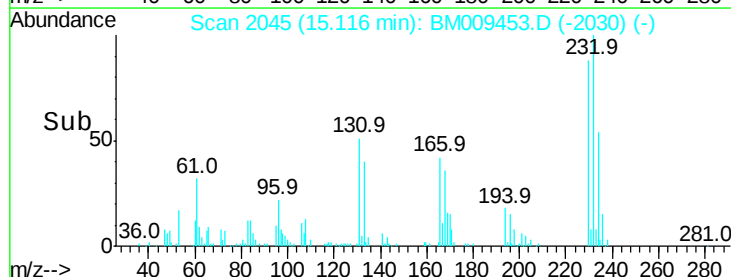
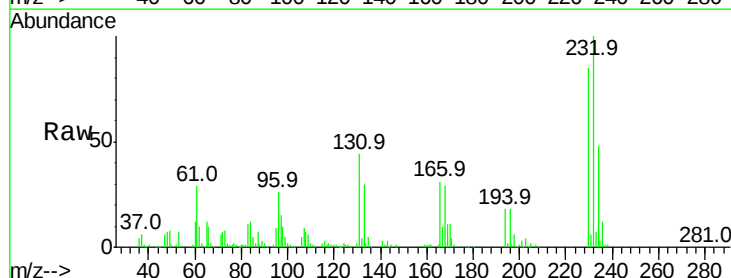
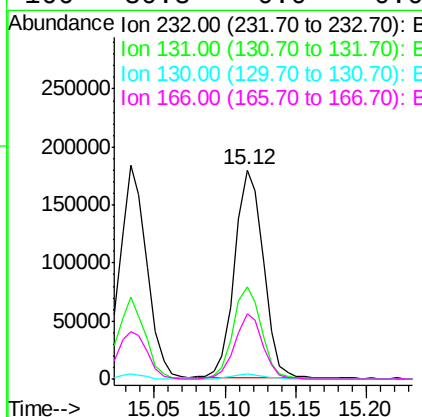
RT: 15.12 min Scan# 2045

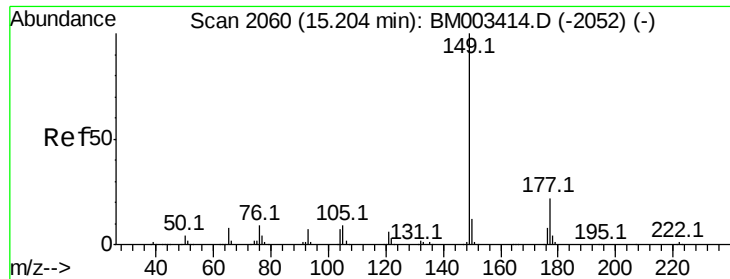
Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Tgt Ion:	232	Resp:	255663
Ion Ratio	Lower	Upper	
232	100		
131	43.4	0.0	0.0#
130	2.5	0.0	0.0#
166	30.8	0.0	0.0#





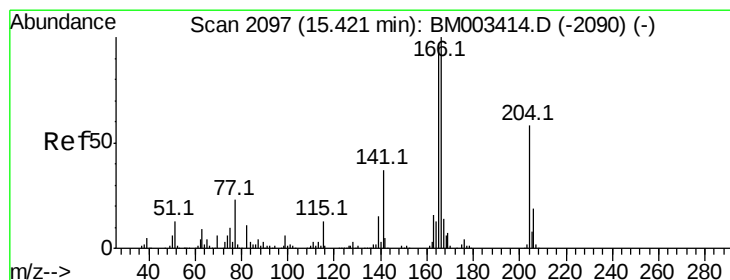
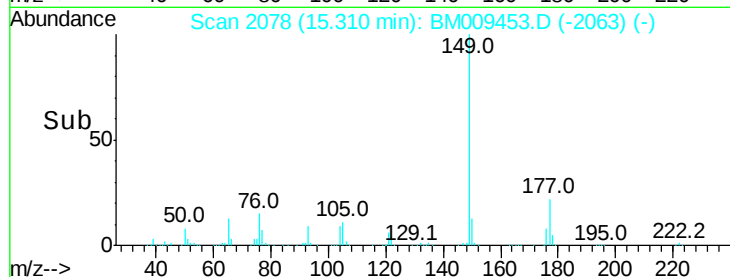
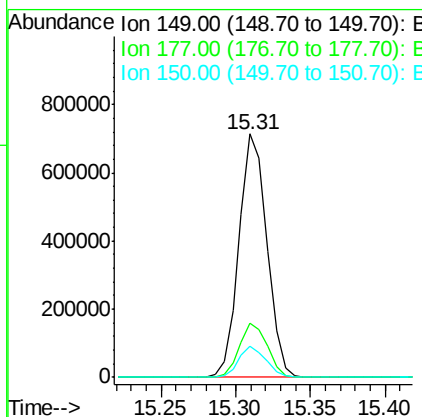
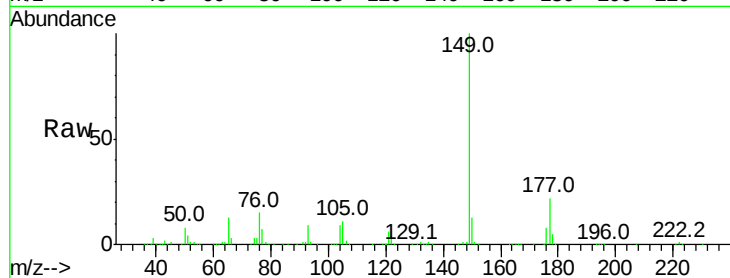
#59
Diethylphthalate
Concen: 47.50 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	925813		
177	22.2	18.3	27.5	
150	13.0	9.8	14.8	

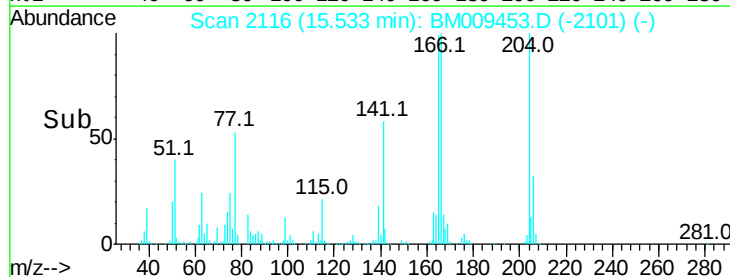
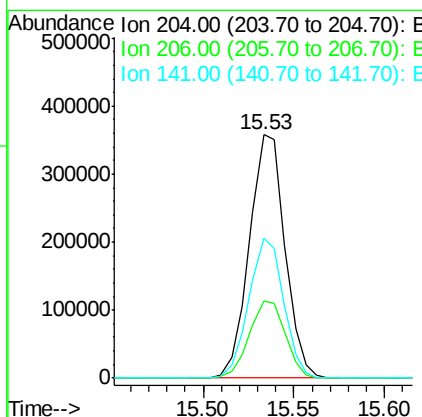
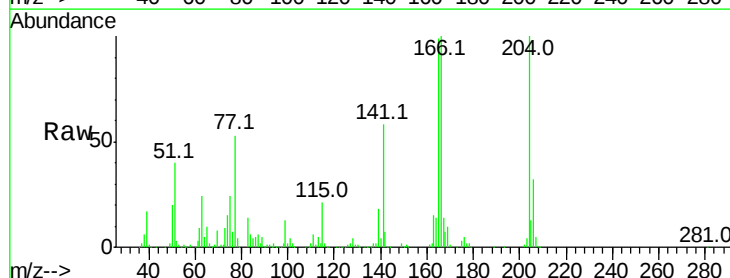
Manual Integrations
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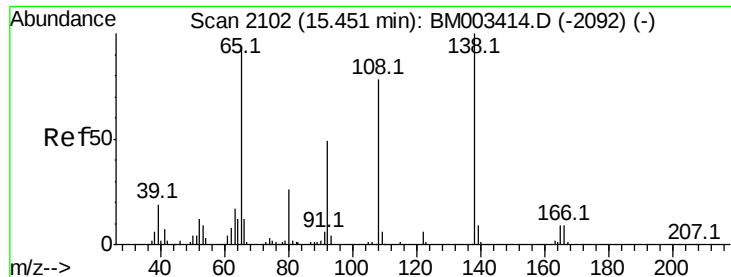
mohammad
3/31/2017 2:11:59 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.27 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	488440		
206	31.7	26.6	39.8	
141	57.7	45.2	67.8	





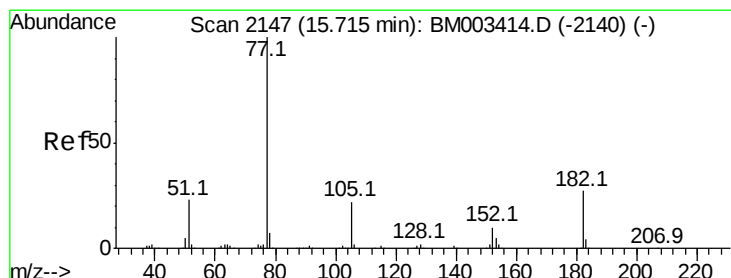
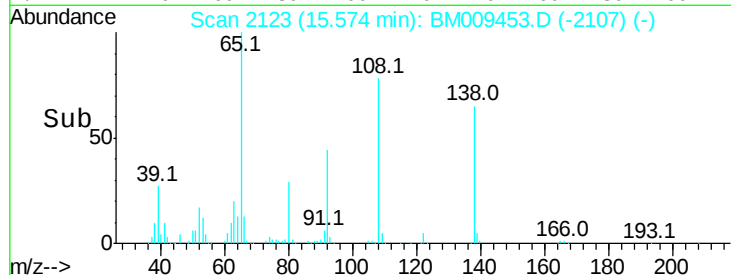
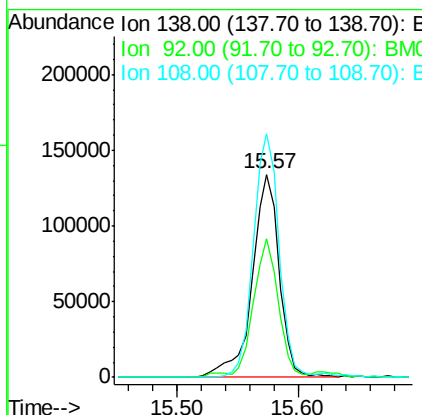
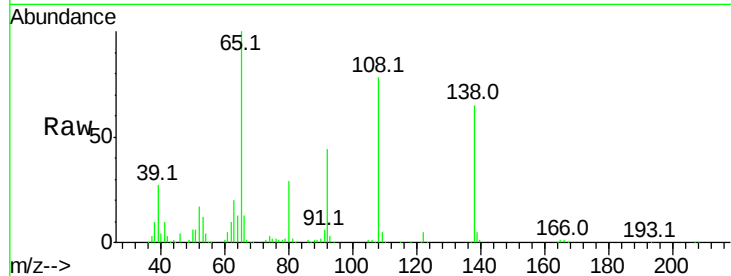
#61
4-Nitroaniline
Concen: 47.41 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	68.6	16.7	56.7#
108	120.1	37.6	77.6#

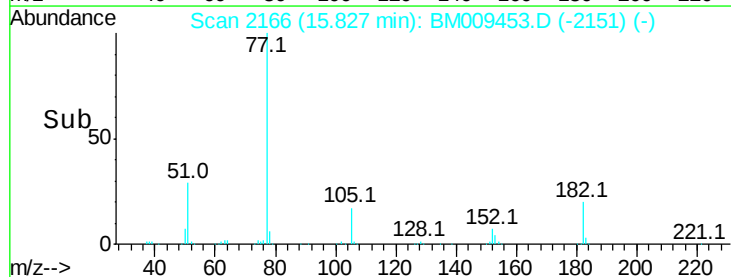
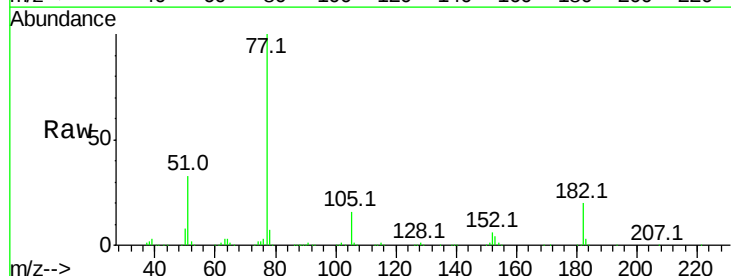
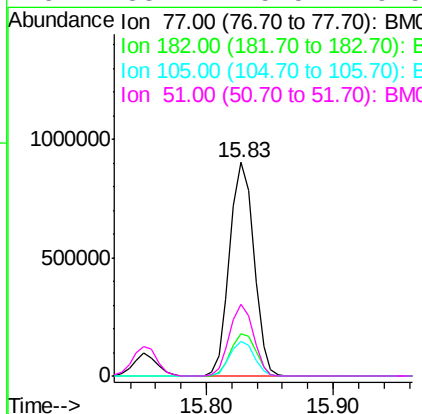
Manual Integrations
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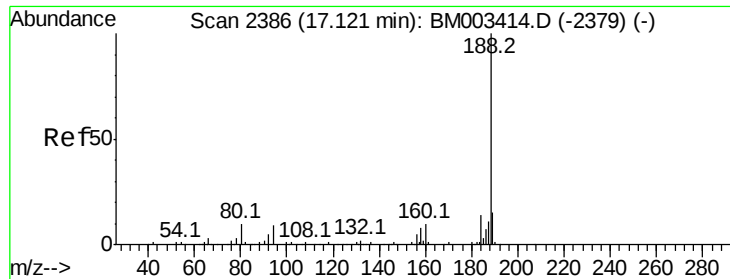
mohammad
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#62
Azobenzene
Concen: 52.51 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.6	6.5	46.5
105	16.1	3.8	43.8
51	33.4	5.5	45.5





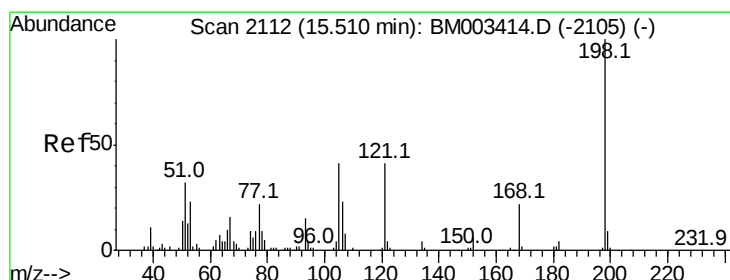
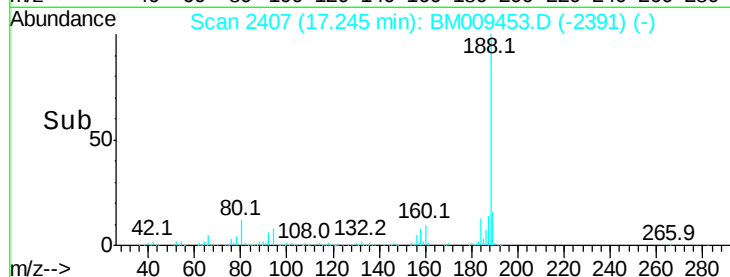
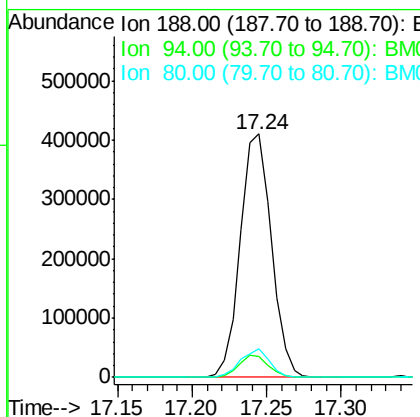
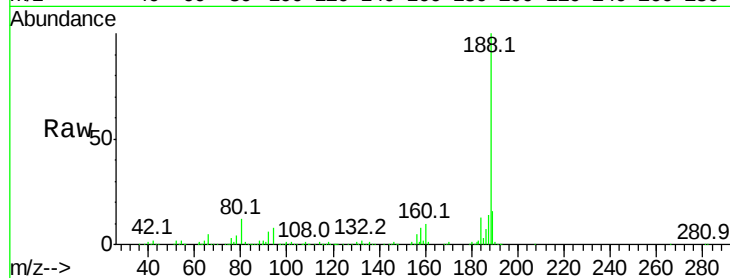
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampled :
PB97931BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	593952		
94	8.5		8.7	13.1#
80	11.6		9.3	13.9

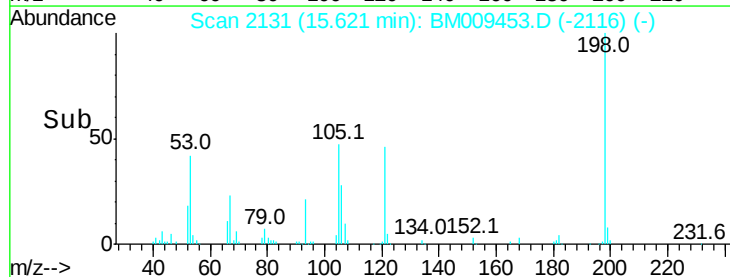
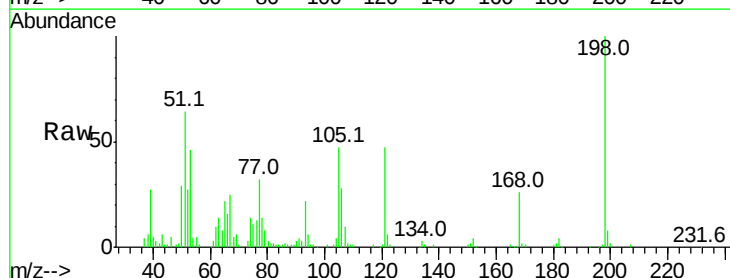
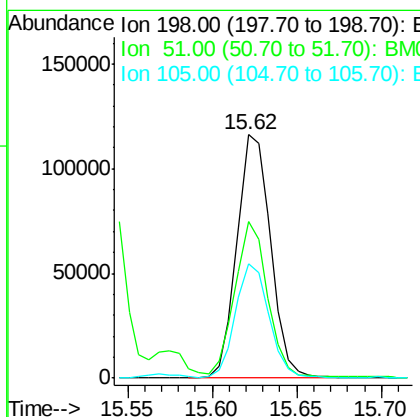
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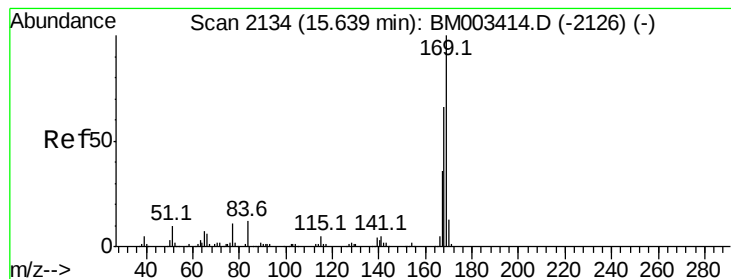
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.20 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	161639		
51	64.1		28.8	68.8
105	47.2		30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 45.70 ng

RT: 15.75 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

ClientSampleId :

PB97931BS

Tot Ion:169 Resp: 824483

Ion Ratio Lower Upper

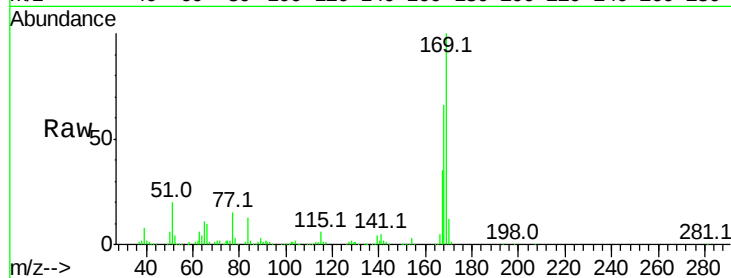
169 100

168 65.7 53.9 80.9

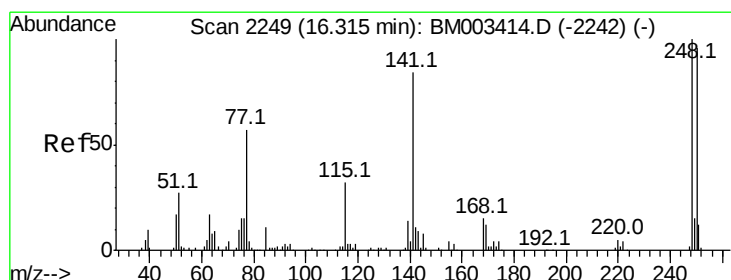
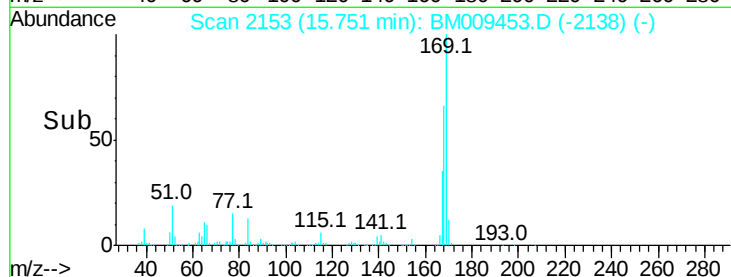
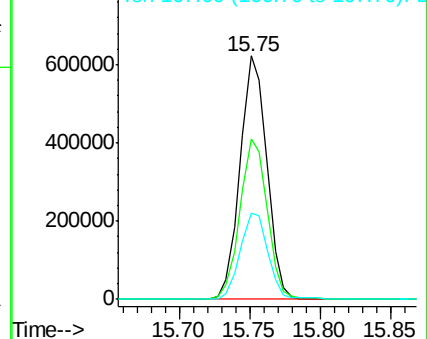
167 35.5 28.9 43.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.68 ng

RT: 16.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

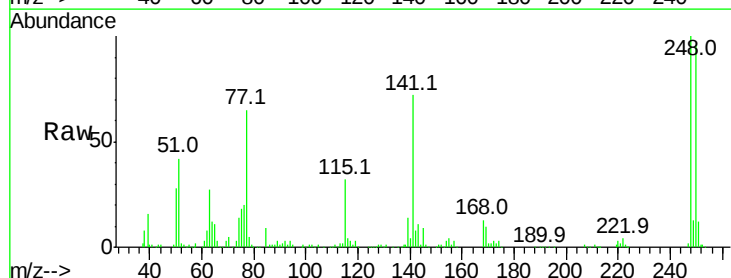
Tgt Ion:248 Resp: 307440

Ion Ratio Lower Upper

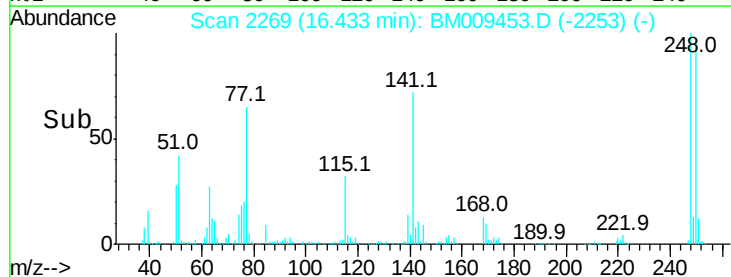
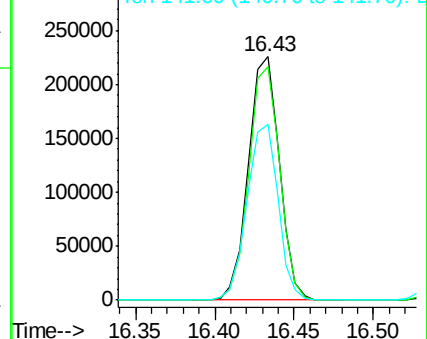
248 100

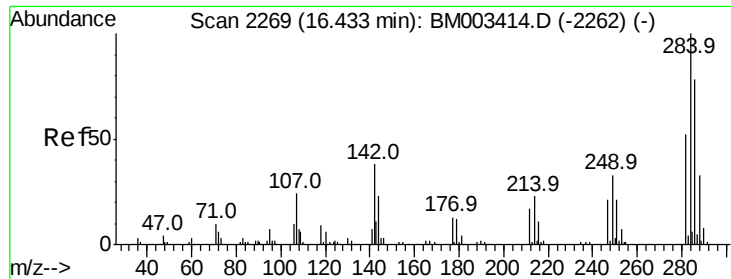
250 96.1 77.4 116.0

141 72.0 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.64 ng

RT: 16.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

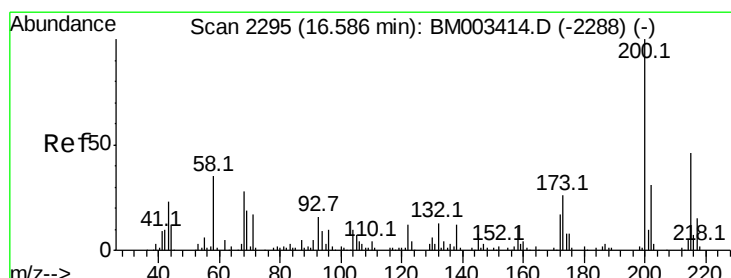
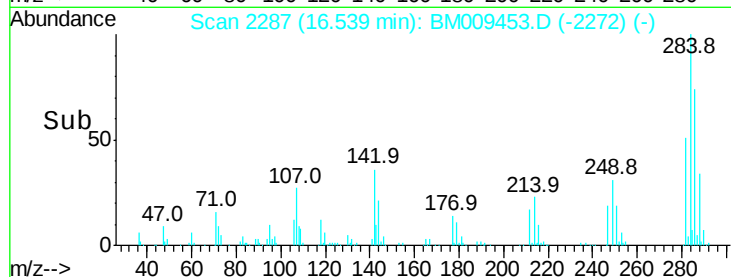
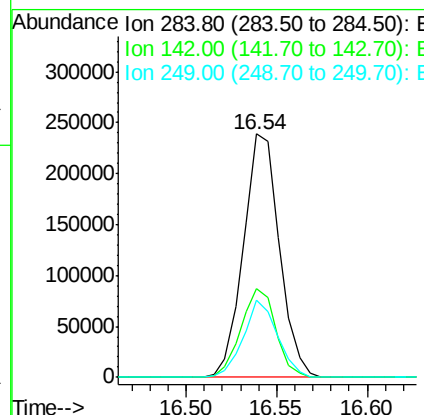
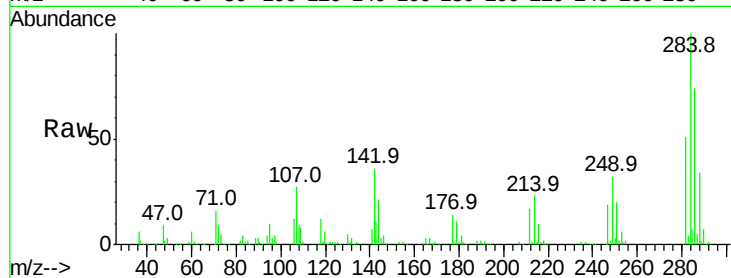
ClientSampleId :

PB97931BS

Tot Ion:	284	Resp:	329187
Ion Ratio		Lower	Upper
284	100		
142	36.5	20.4	30.6#
249	31.6	23.8	35.6

Manual Integrations
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#68

Atrazine

Concen: 41.65 ng

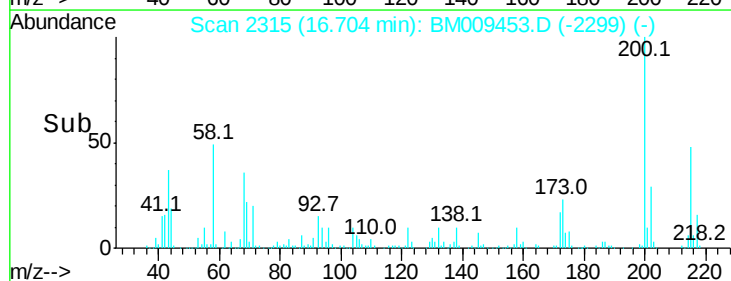
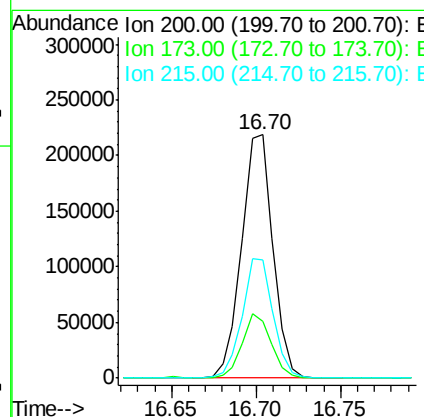
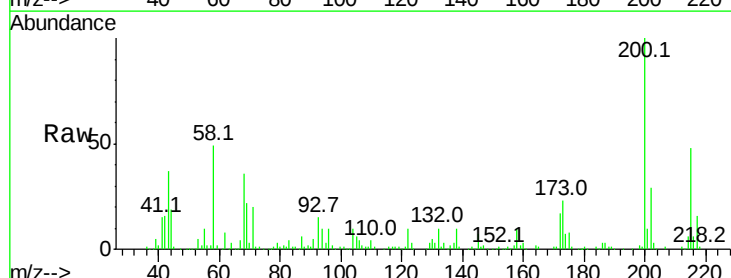
RT: 16.70 min Scan# 2315

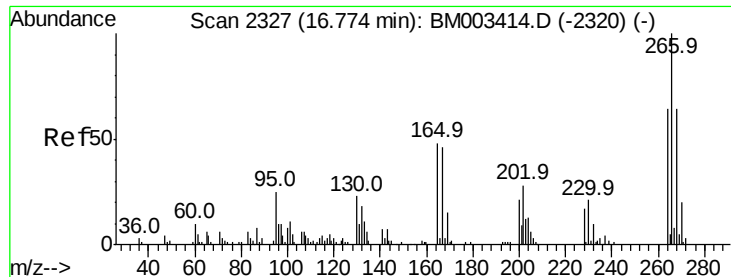
Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Tgt Ion:	200	Resp:	282644
Ion Ratio		Lower	Upper
200	100		
173	23.2	4.8	44.8
215	48.4	26.9	66.9





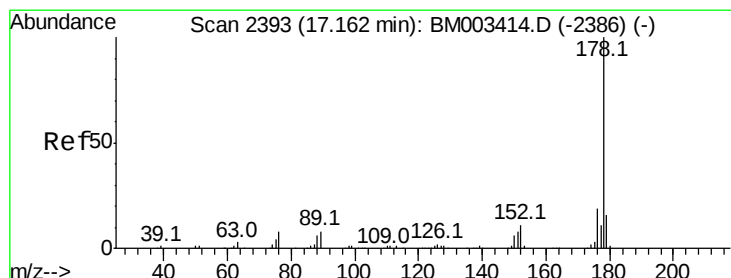
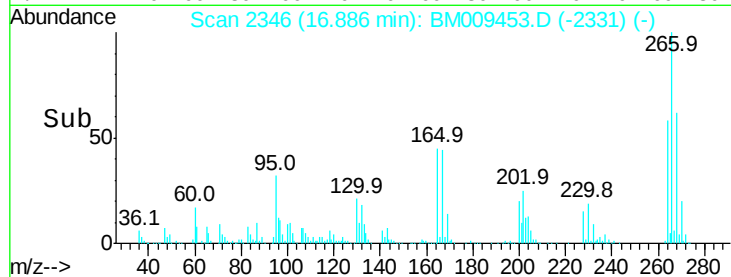
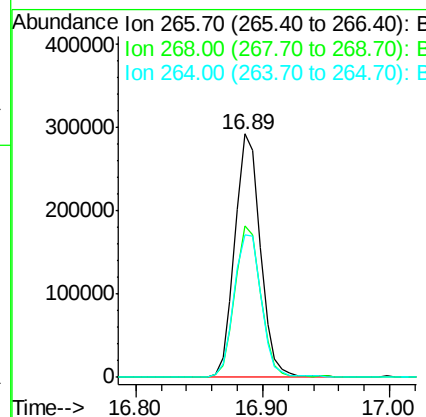
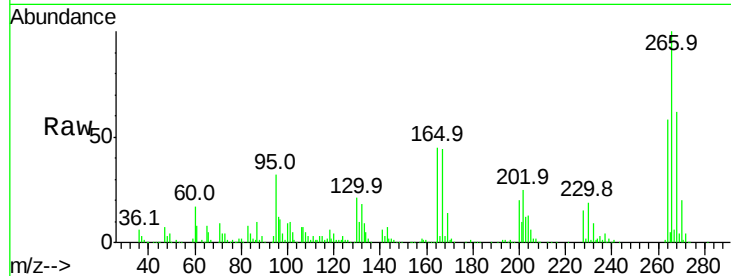
#69
 Pentachlorophenol
 Concen: 88.58 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	408174		
268	62.1		52.0	78.0
264	58.4		49.0	73.4

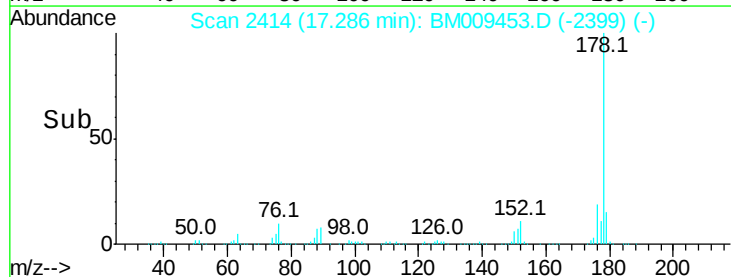
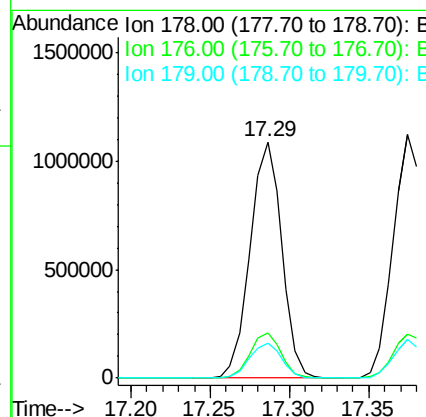
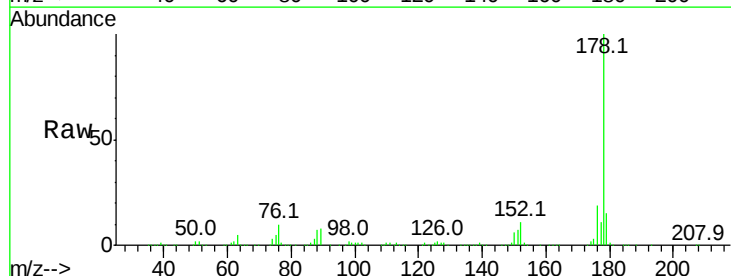
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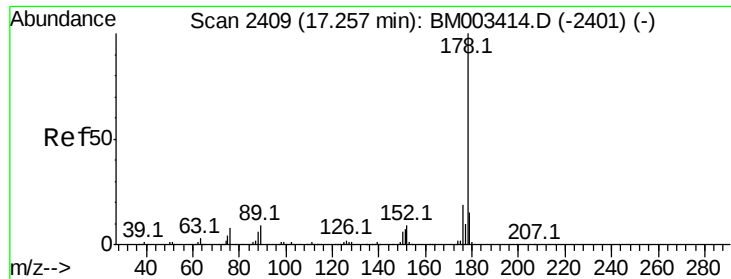
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#70
 Phenanthrene
 Concen: 44.38 ng
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1507258		
176	19.0		15.2	22.8
179	14.9		12.1	18.1





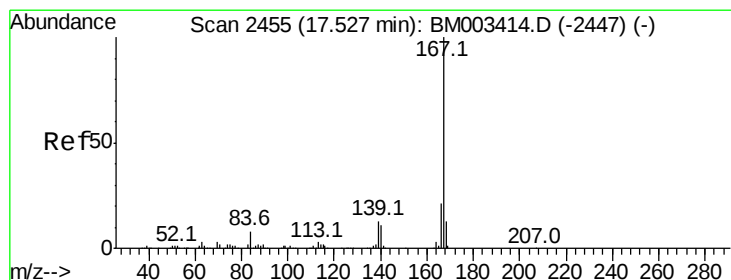
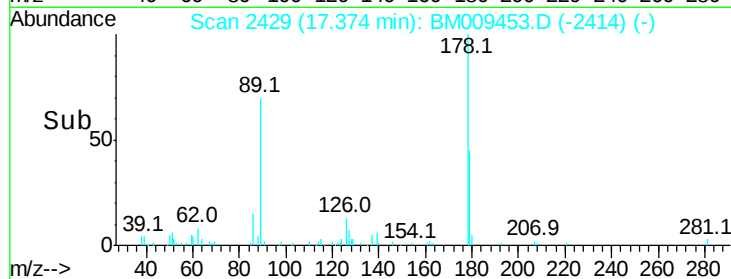
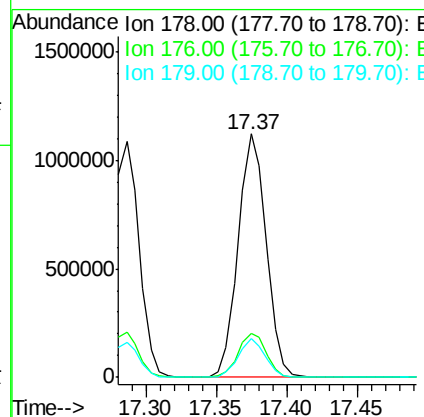
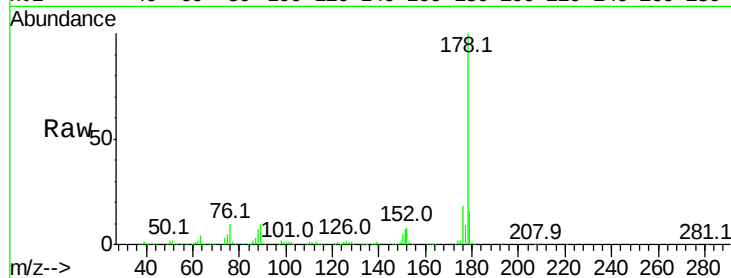
#71
 Anthracene
 Concen: 45.12 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BS

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

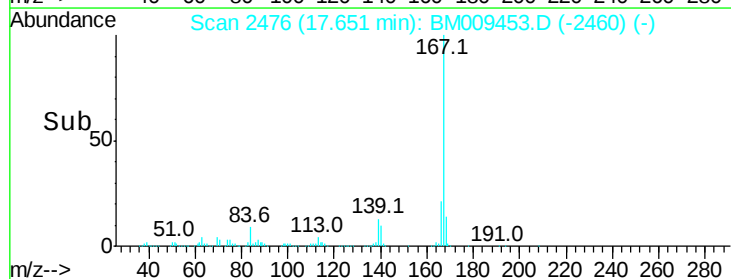
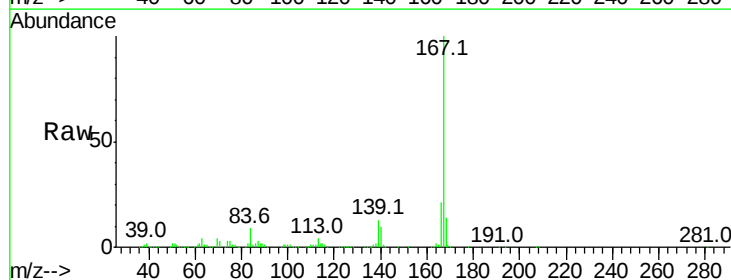
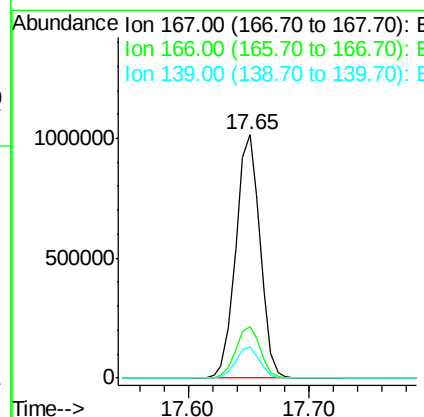
Manual Integrations
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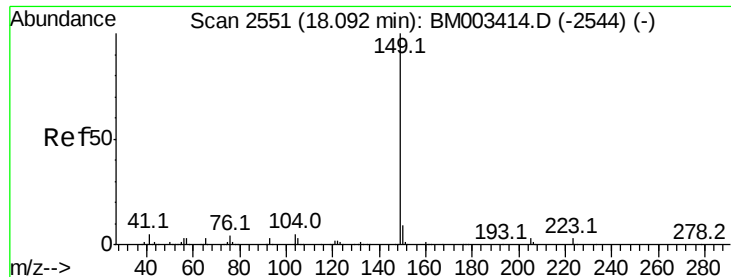
mohammad
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#72
 Carbazole
 Concen: 43.00 ng
 RT: 17.65 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	12.7	10.8	16.2





#73

Di-n-butylphthalate

Concen: 47.95 ng

RT: 18.20 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

ClientSampleId :

PB97931BS

Tot Ion:149 Resp: 1613059

Ion Ratio Lower Upper

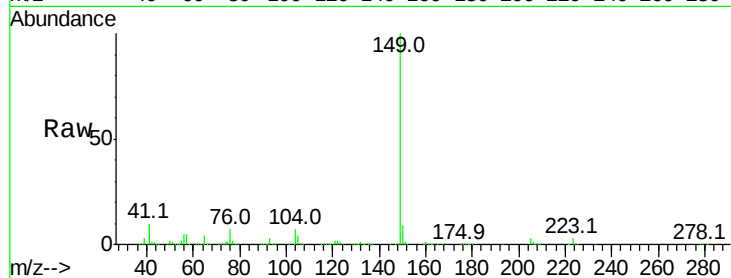
149 100

150 8.9 7.5 11.3

104 6.5 3.7 5.5#

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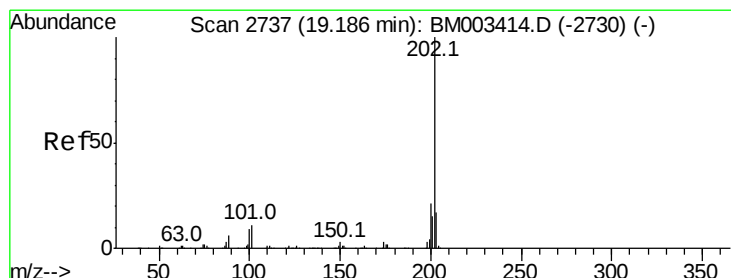
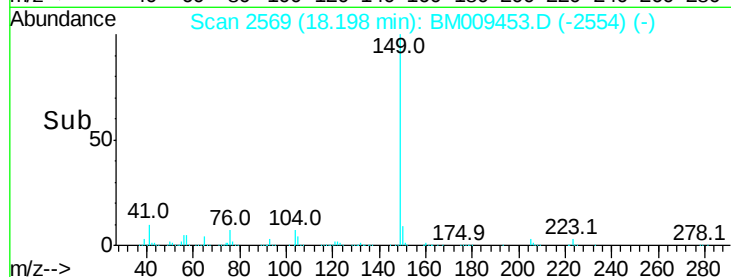
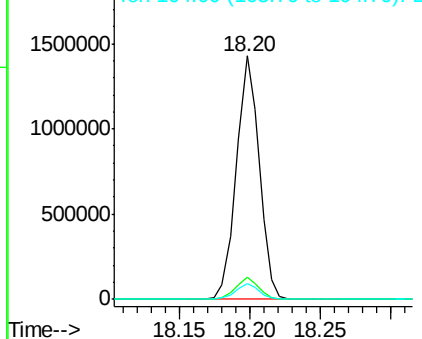
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.34 ng

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

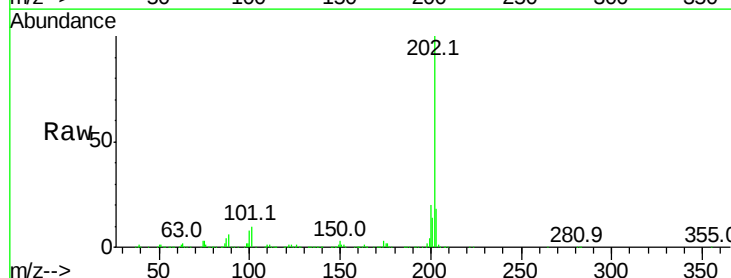
Tgt Ion:202 Resp: 1864136

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.7

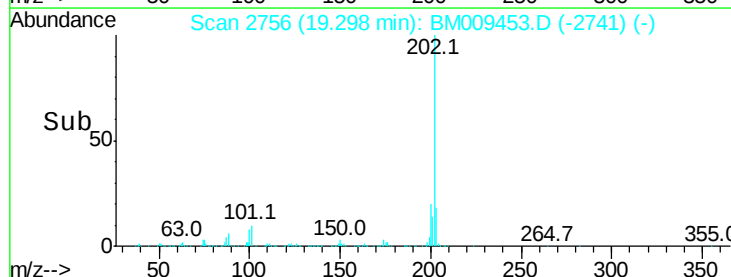
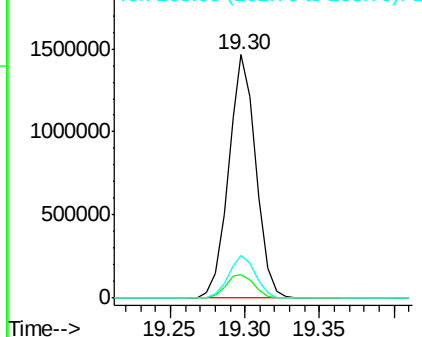
203 17.8 0.0 37.2

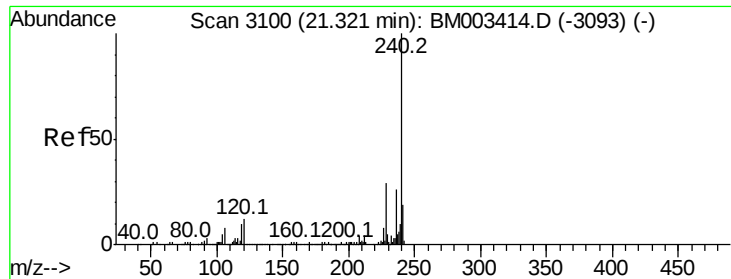


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

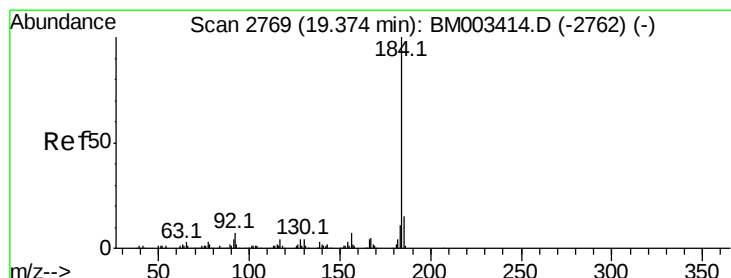
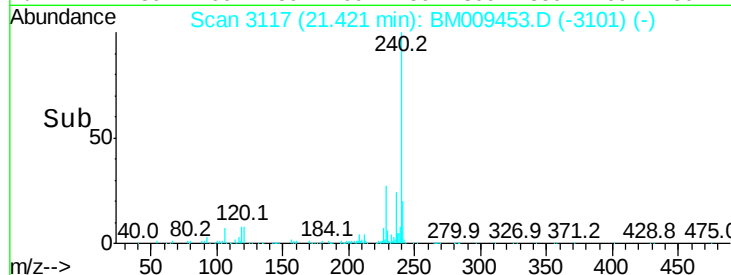
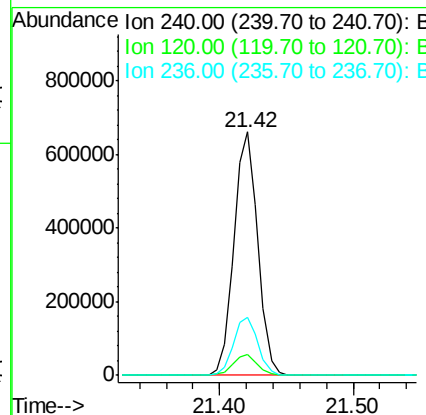
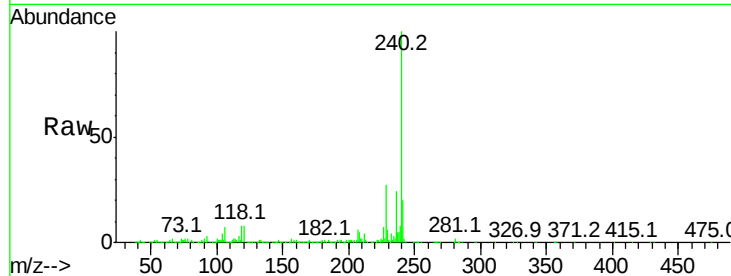
ClientSampleId :

PB97931BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	826253		
120	8.4		8.2	12.2
236	23.7		20.0	30.0

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3/31/2017 2:11:59 PM



#76

Benzidine

Concen: 31.09 ng

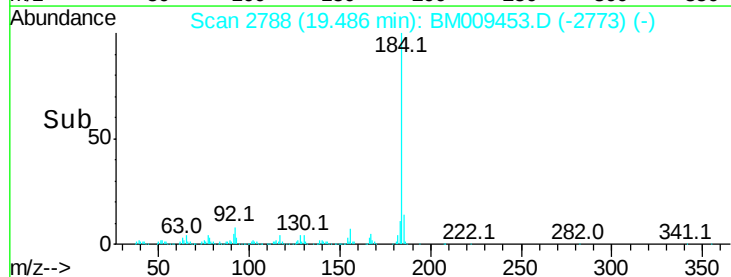
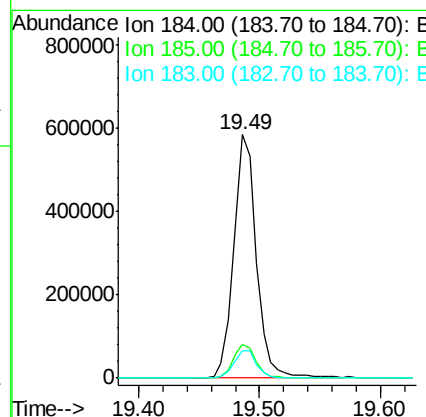
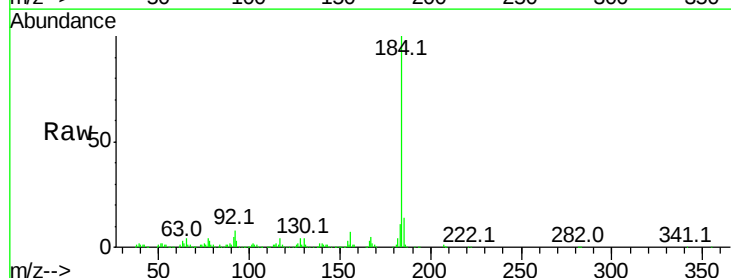
RT: 19.49 min Scan# 2788

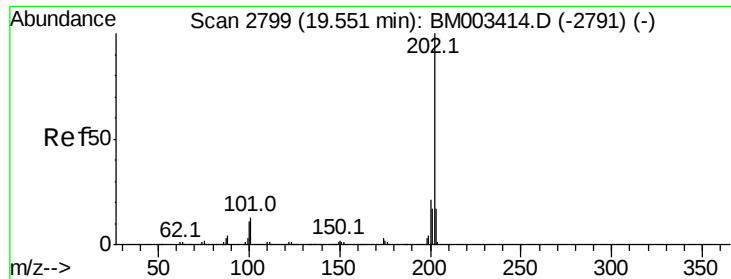
Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	765716		
185	13.8		11.3	16.9
183	11.2		8.9	13.3





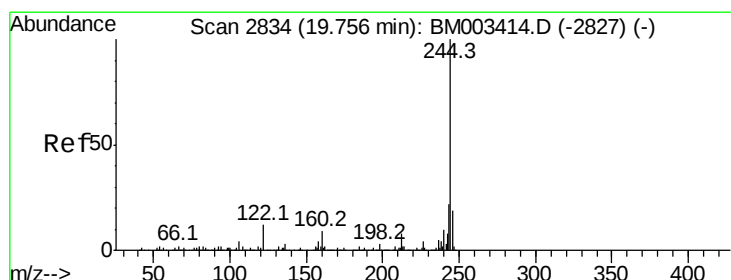
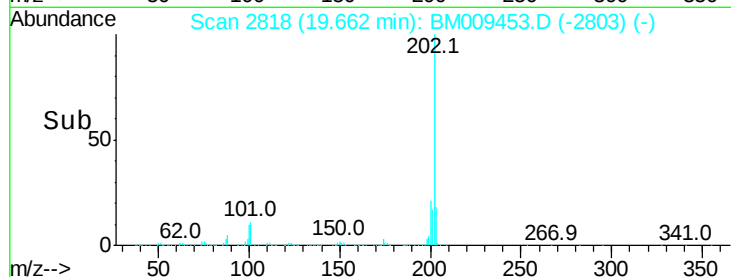
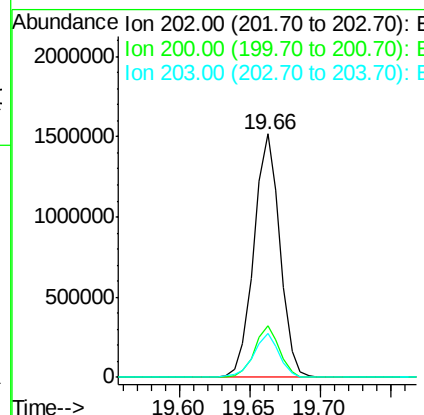
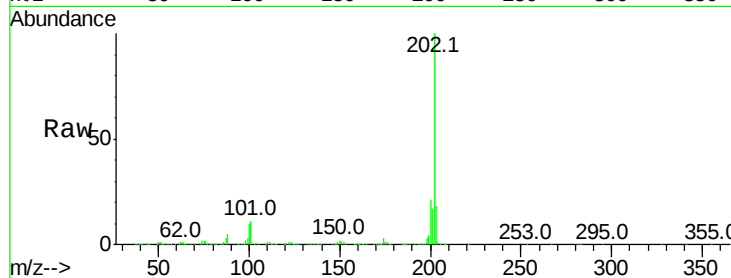
#77
Pvrene
Concen: 41.92 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.8	14.1	21.1

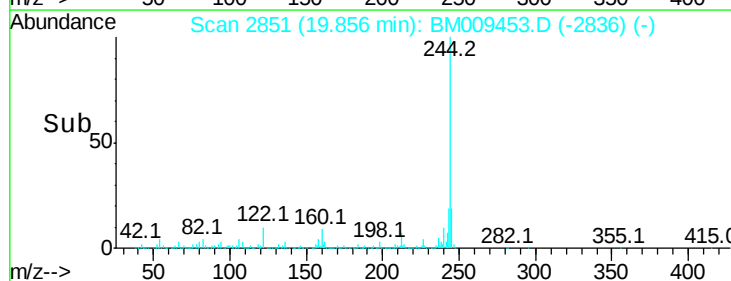
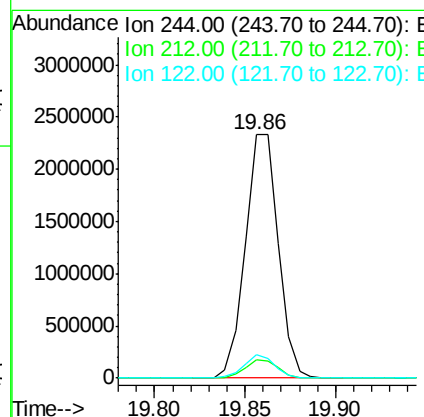
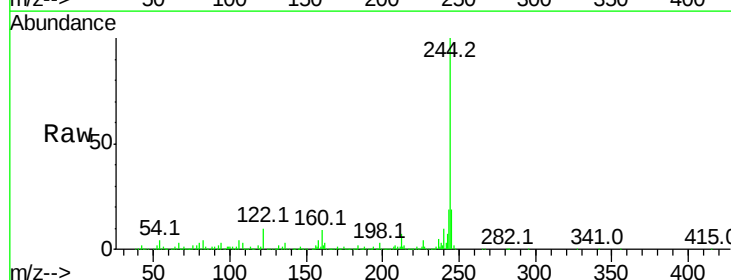
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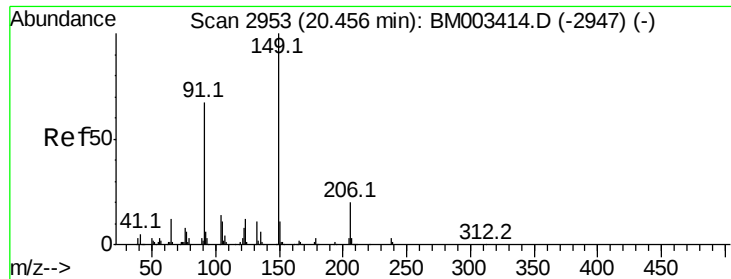
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#78
Terphenyl-d14
Concen: 74.31 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

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





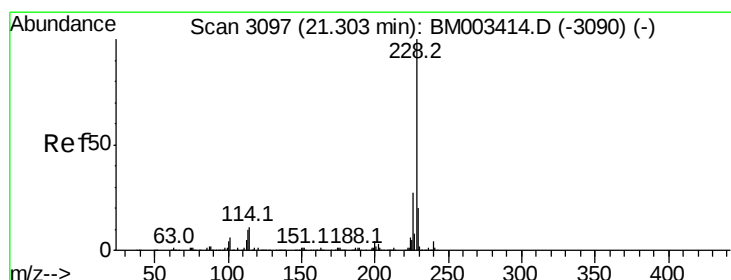
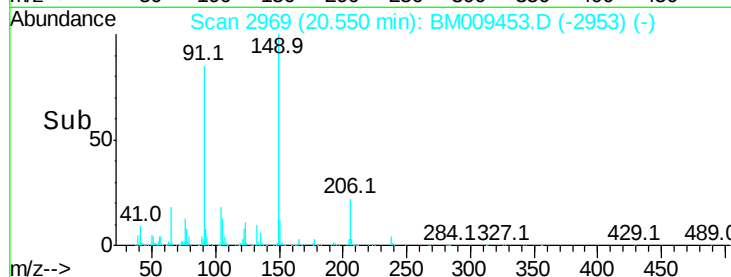
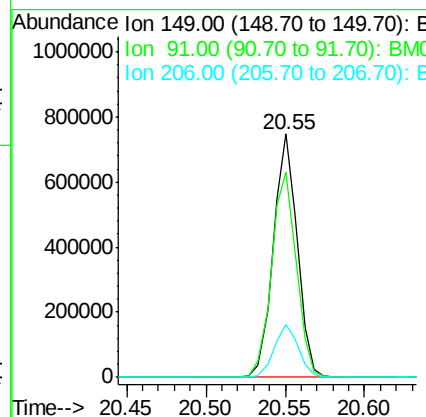
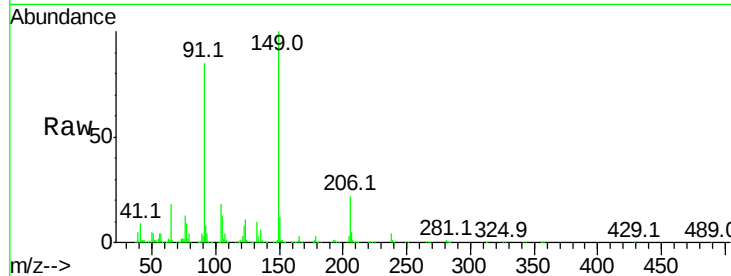
#79
Butylbenzylphthalate
Concen: 46.76 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleID :
PB97931BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	84.6	50.1	75.1#
206	22.0	16.2	24.2

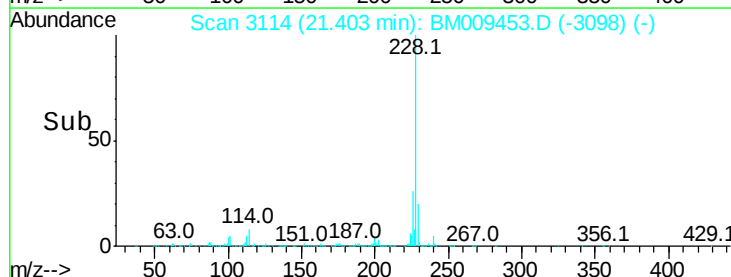
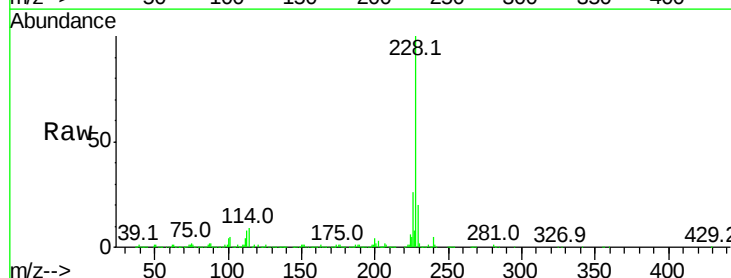
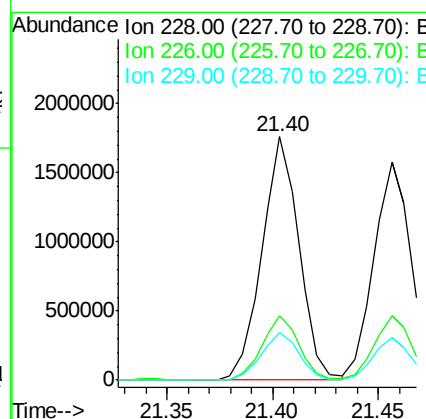
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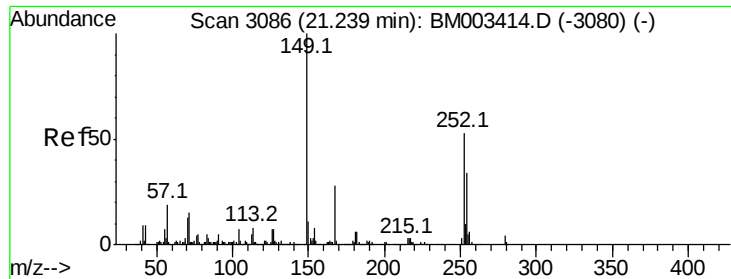
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#80
Benzo(a)anthracene
Concen: 44.46 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.7	32.5
229	19.6	16.0	24.0





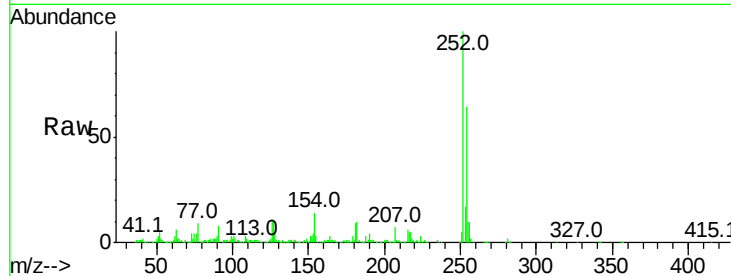
#81
 3,3'-Dichlorobenzidine
 Concen: 34.98 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BS

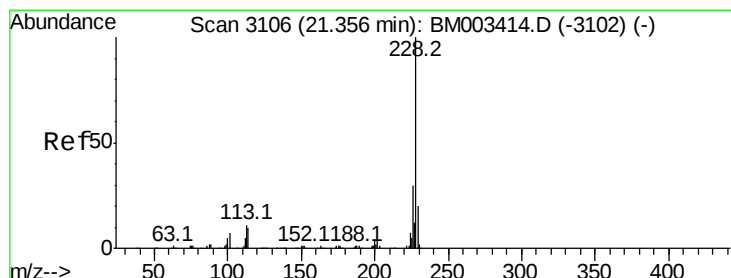
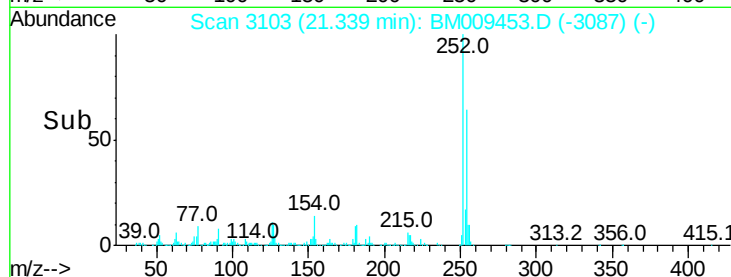
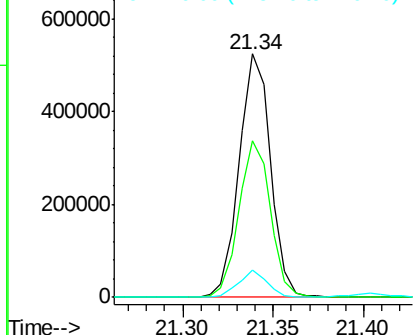
Tot Ion	Ratio	Resp	Lower	Upper
252	100	632125		
254	64.2	51.9	77.9	
126	11.1	9.8	14.8	

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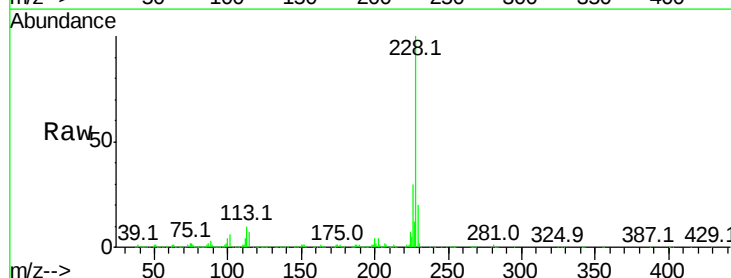


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

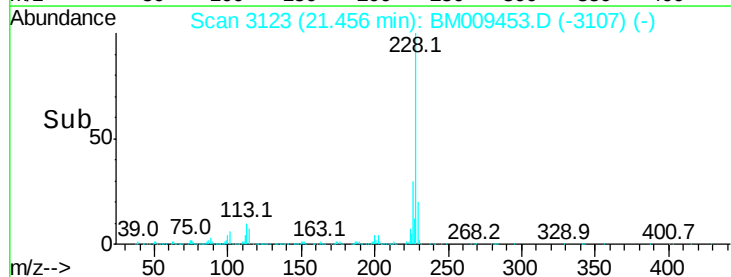
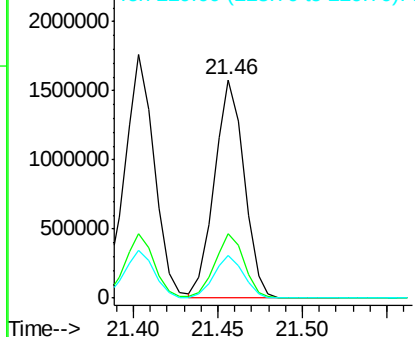


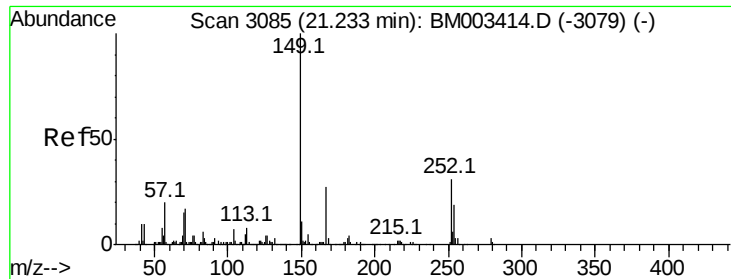
#82
 Chrysene
 Concen: 41.95 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1933178		
226	29.6	24.1	36.1	
229	19.8	15.5	23.3	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





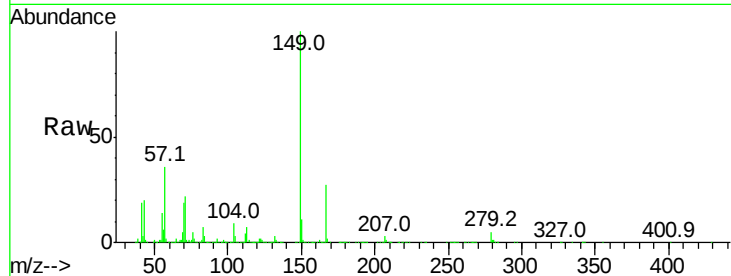
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.49 ng
 RT: 21.32 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Instrument :
 BNA_M
 ClientSampleId :
 PB97931BS

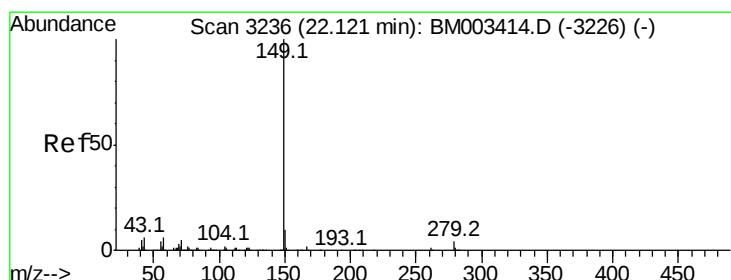
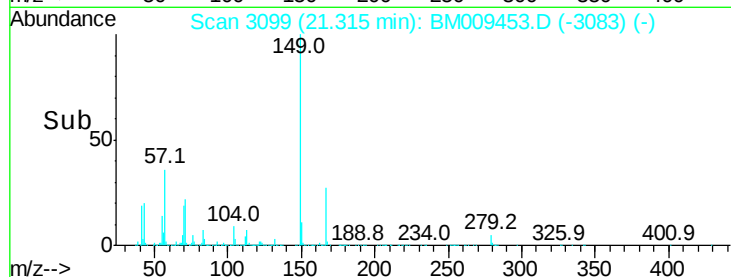
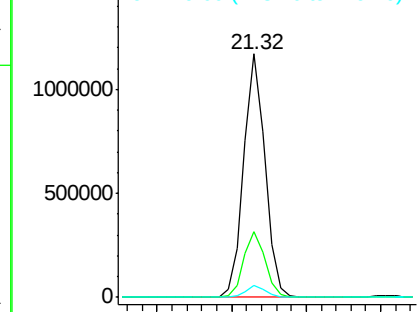
Tot Ion:149 Resp: 1170823
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.4 33.6
 279 4.8 3.4 5.0

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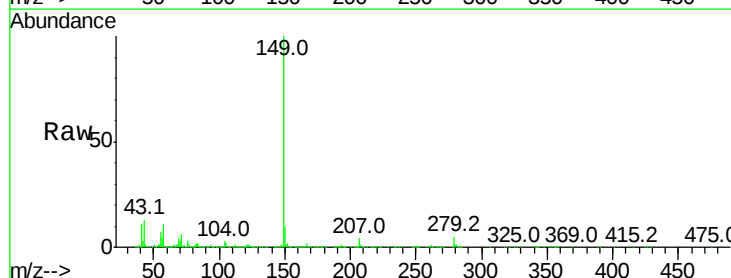


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

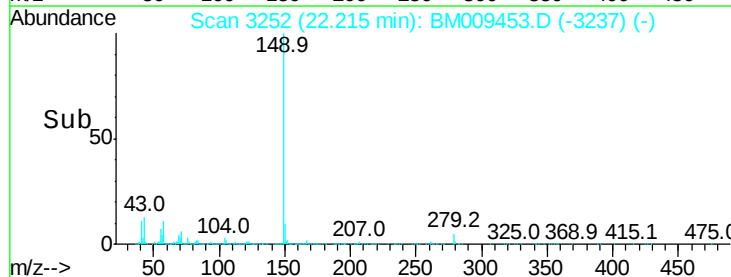
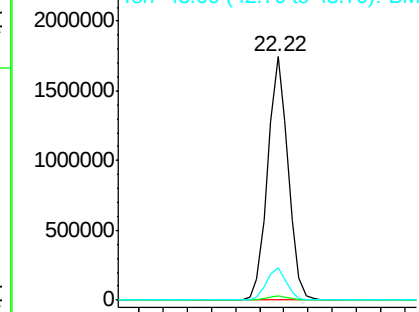


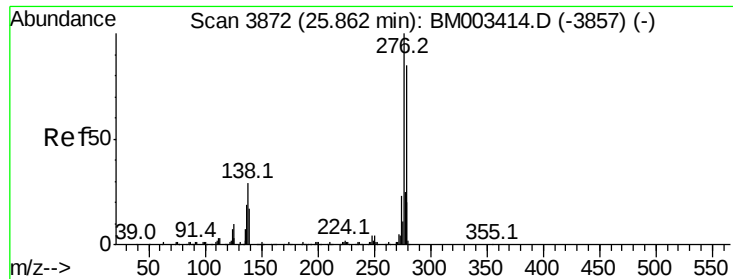
#84
 Di-n-octyl phthalate
 Concen: 49.16 ng
 RT: 22.22 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BM009453.D
 Acq: 30 Mar 2017 16:33

Tgt Ion:149 Resp: 2059977
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.3 7.3 10.9#



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





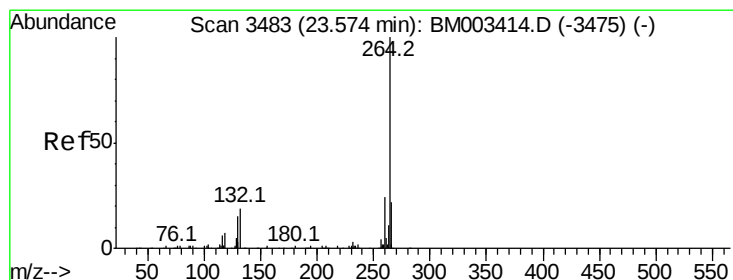
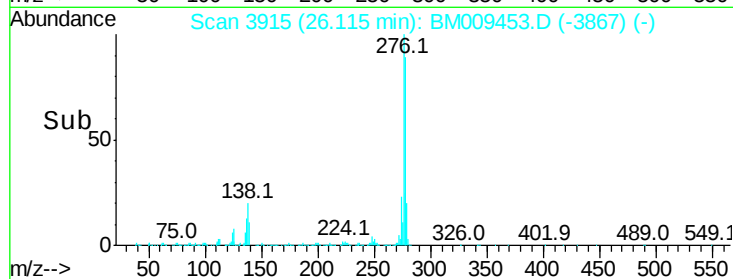
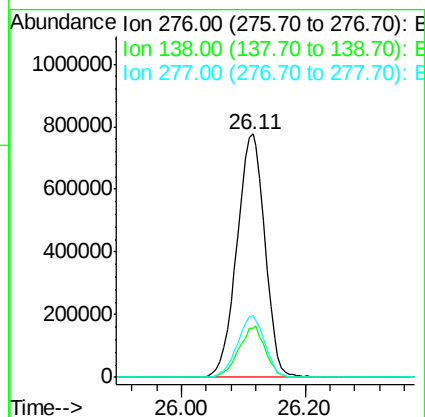
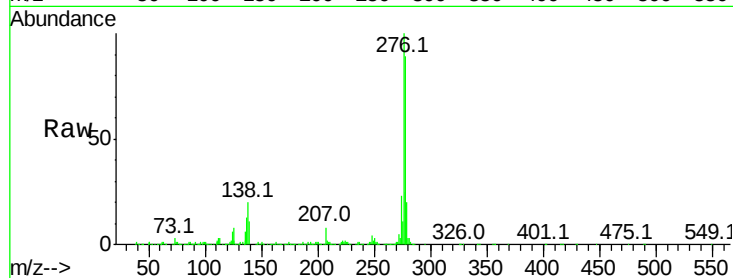
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.65 ng
RT: 26.11 min Scan# 3915
Delta R.T. -0.02 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	0.0	0.0#
277	24.9	0.0	0.0#

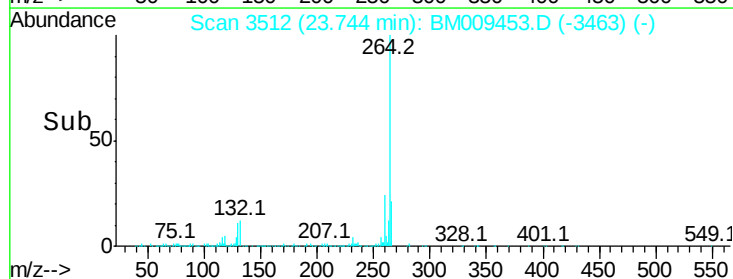
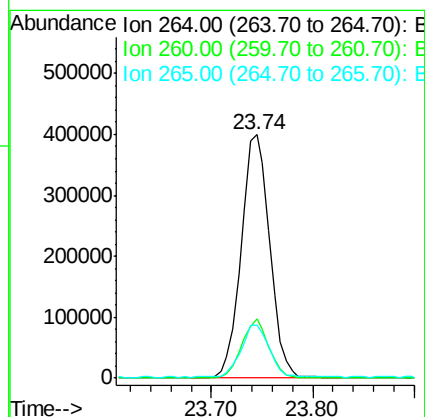
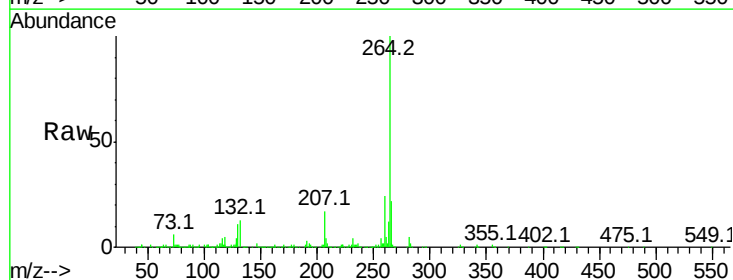
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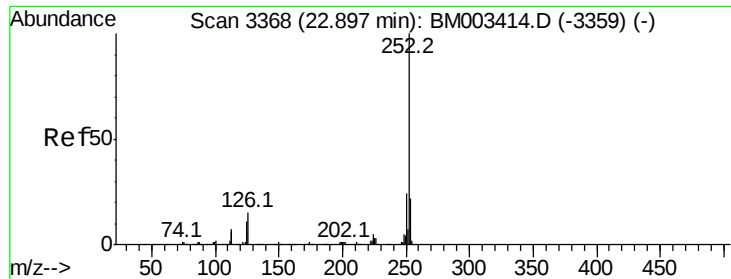
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 44.63 ng

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

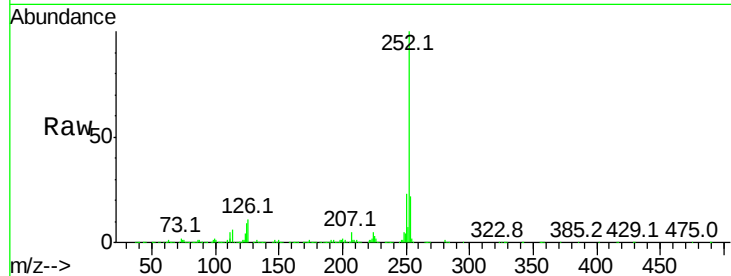
ClientSampleId :

PB97931BS

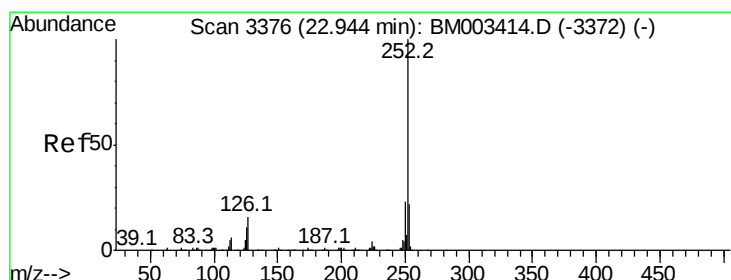
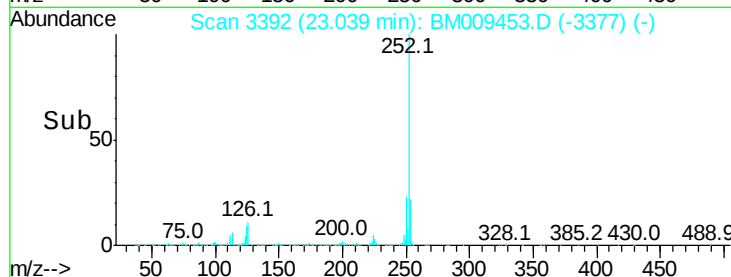
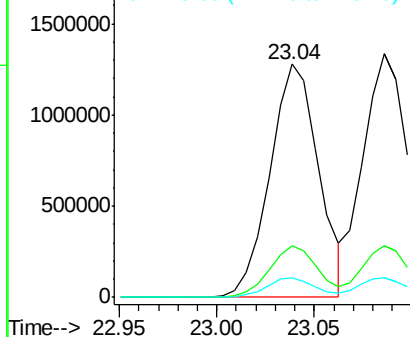
Tot Ion:	252	Resp:	2209425
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	8.7	9.9	14.9#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.97 ng m

RT: 23.09 min Scan# 3400

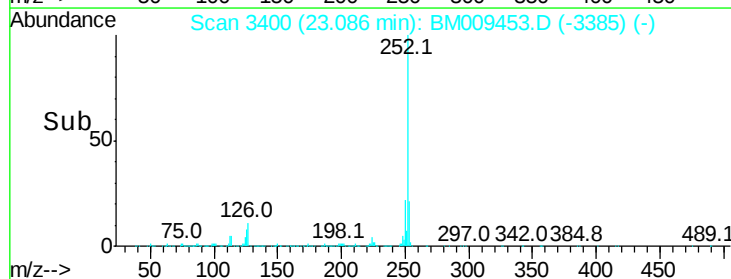
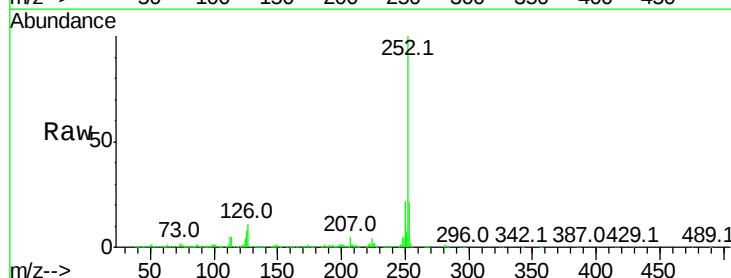
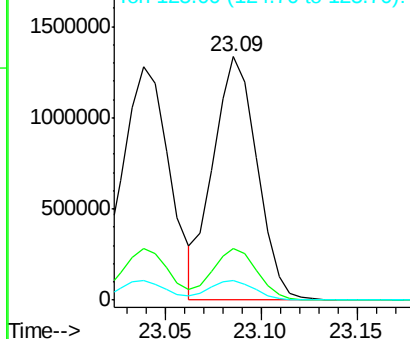
Delta R.T. -0.01 min

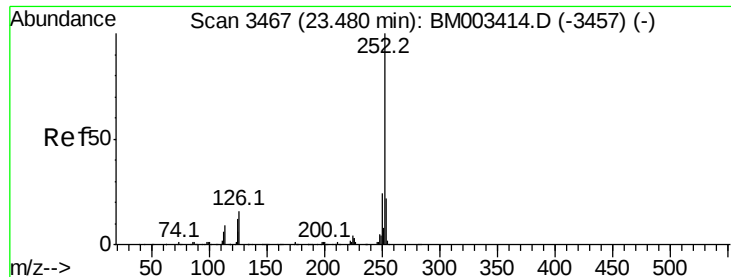
Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Tgt Ion:	252	Resp:	2141007
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.2	25.8
125	7.9	8.1	12.1#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





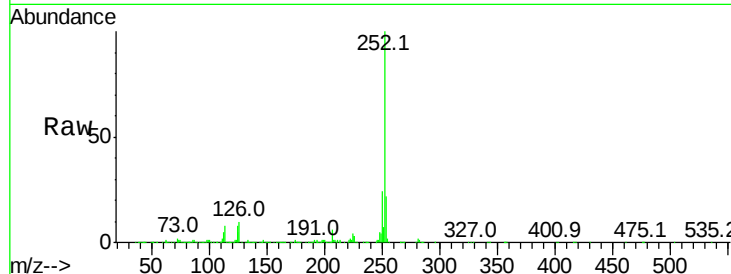
#89
Benzo(a)pyrene
Concen: 45.90 ng
RT: 23.64 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Instrument :
BNA_M
ClientSampleId :
PB97931BS

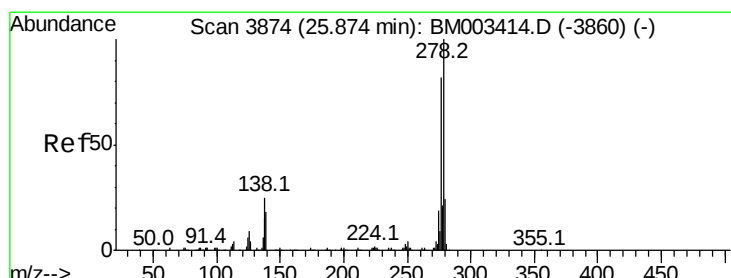
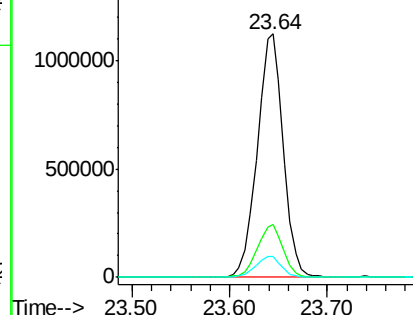
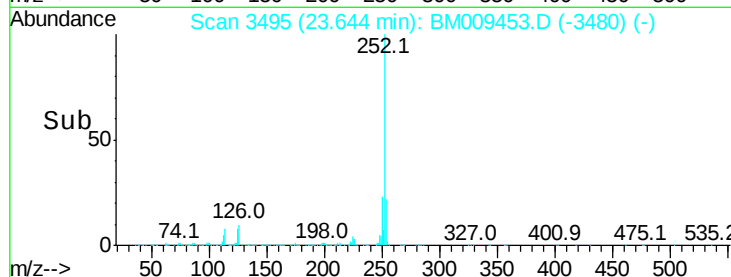
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	8.4	7.4	11.2

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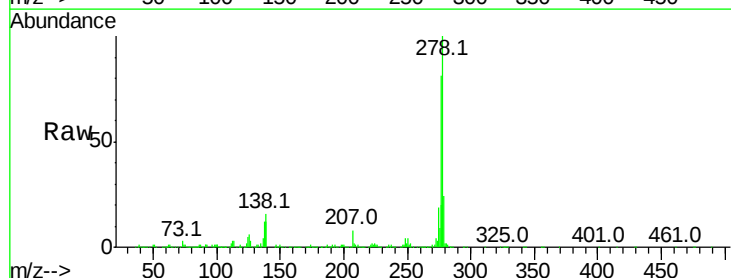


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

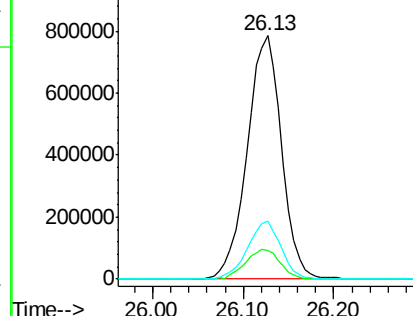
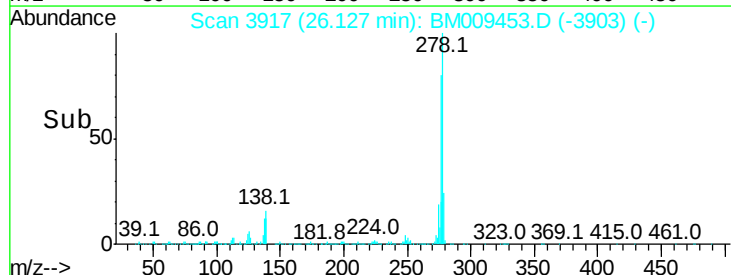


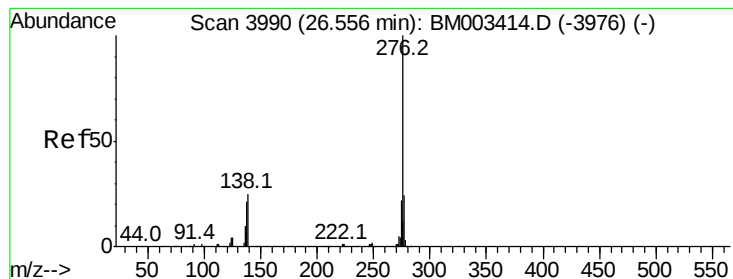
#90
Dibenzo(a,h)anthracene
Concen: 46.00 ng
RT: 26.13 min Scan# 3917
Delta R.T. -0.02 min
Lab File: BM009453.D
Acq: 30 Mar 2017 16:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	13.4	20.0#
279	23.7	19.0	28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.53 ng

RT: 26.84 min Scan# 4039

Delta R.T. -0.02 min

Lab File: BM009453.D

Acq: 30 Mar 2017 16:33

Instrument :

BNA_M

ClientSampleId :

PB97931BS

Tot Ion: 276 Resp: 1993578

Ion Ratio Lower Upper

276 100

277 22.7 18.5 27.7

138 15.6 19.0 28.6#

Manual Integrations

APPROVED

mohammad

3/31/2017 2:11:59 PM

