

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
 Data File : BM009468.D
 Acq On : 31 Mar 2017 03:52
 Operator : SJ/MA
 Sample : PB97831BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB97831BS

Manual Integrations
 APPROVED

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 3/31/2017 2:12:07 PM

Quant Time: Mar 31 08:58:47 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	122306	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	495434	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	299494	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	718002	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	1002198	20.00	ng	0.00
86) Perylene-d12	23.74	264	942889	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1089690	148.51	ng	-0.01
7) Phenol-d6	7.01	99	1539010	153.81	ng	-0.01
23) Nitrobenzene-d5	9.02	82	1114682	84.36	ng	-0.01
41) 2,4,6-Tribromophenol	15.99	330	609953	163.94	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2173543	87.45	ng	-0.01
78) Terphenyl-d14	19.86	244	3772254	78.65	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	117554	31.86	ng	# 100
3) Pyridine	3.75	79	377008	36.16	ng	# 80
4) n-Nitrosodimethylamine	3.67	42	253012	45.58	ng	# 62
6) Aniline	7.18	93	415939	30.59	ng	# 91
8) 2-Chlorophenol	7.41	128	369695	49.69	ng	# 81
9) Benzaldehyde	7.00	77	69688	8.85	ng	# 83
10) Phenol	7.04	94	541396	49.93	ng	# 89
11) bis(2-Chloroethyl)ether	7.27	93	390616	43.95	ng	# 80
12) 1,3-Dichlorobenzene	7.73	146	395609	44.41	ng	# 89
13) 1,4-Dichlorobenzene	7.88	146	404626	43.96	ng	# 94
14) 1,2-Dichlorobenzene	8.20	146	389499	43.58	ng	# 95
15) Benzyl Alcohol	8.09	79	436700	49.92	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.38	45	657963	42.60	ng	# 96
17) 2-Methylphenol	8.28	107	350591	49.42	ng	# 87
18) Hexachloroethane	8.92	117	166547	44.24	ng	# 89
19) n-Nitroso-di-n-propylamine	8.65	70	374133	46.38	ng	# 90
20) 3+4-Methylphenols	8.61	107	468249	48.55	ng	# 89
22) Acetophenone	8.67	105	623132	44.60	ng	# 90
24) Nitrobenzene	9.06	77	562526	43.45	ng	# 90
25) Isophorone	9.57	82	930538	46.16	ng	# 89
26) 2-Nitrophenol	9.76	139	180882	46.33	ng	# 51
27) 2,4-Dimethylphenol	9.82	122	357986	50.12	ng	# 81
28) bis(2-Chloroethoxy)methane	10.06	93	552788	44.29	ng	# 97
29) 2,4-Dichlorophenol	10.29	162	367360	49.20	ng	# 97
30) 1,2,4-Trichlorobenzene	10.50	180	407579	43.99	ng	# 100
31) Naphthalene	10.70	128	1154604	43.91	ng	# 98
32) Benzoic acid	9.95	122	212175	43.68	ng	# 68
33) 4-Chloroaniline	10.81	127	207741	20.48	ng	# 79
34) Hexachlorobutadiene	10.96	225	267976	42.24	ng	# 98
35) Caprolactam	11.60	113	119678m	52.50	ng	# 83
36) 4-Chloro-3-methylphenol	11.93	107	432307	51.17	ng	# 94
37) 2-Methylnaphthalene	12.30	142	838117	46.17	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	478726	42.34	ng	# 98
40) Hexachlorocyclopentadiene	12.64	237	621851	95.82	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	317616	49.13	nq	97
43) 2,4,5-Trichlorophenol	12.99	196	345265	47.86	nq	# 91
45) 1,1'-Biphenyl	13.32	154	1132607	45.44	nq	97
46) 2-Chloronaphthalene	13.37	162	890277	45.98	nq	96
47) 2-Nitroaniline	13.58	65	358498	50.26	nq	# 70
48) Acenaphthylene	14.22	152	1428575	45.30	nq	99
49) Dimethylphthalate	13.95	163	1125011	48.92	nq	# 98
50) 2,6-Dinitrotoluene	14.07	165	244536	49.35	nq	# 67
51) Acenaphthene	14.56	154	865081	45.47	nq	97
52) 3-Nitroaniline	14.40	138	141669	29.02	nq	# 61
53) 2,4-Dinitrophenol	14.62	184	289606	86.20	nq	97
54) Dibenzofuran	14.89	168	1417539	50.38	nq	95
55) 4-Nitrophenol	14.71	139	445708	110.45	nq	# 26
56) 2,4-Dinitrotoluene	14.86	165	356567	53.19	nq	96
57) Fluorene	15.54	166	1187280	46.95	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.12	232	327007	53.60	nq	# 100
59) Diethylphthalate	15.31	149	1172352	50.26	nq	99
60) 4-Chlorophenyl-phenylether	15.53	204	603380	45.69	nq	97
61) 4-Nitroaniline	15.57	138	260642	49.15	nq	# 29
62) Azobenzene	15.83	77	1485791	54.56	nq	87
64) 4,6-Dinitro-2-methylphenol	15.62	198	213492	47.20	nq	88
65) n-Nitrosodiphenylamine	15.75	169	1028834	47.17	nq	99
66) 4-Bromophenyl-phenylether	16.43	248	384408	46.21	nq	# 89
67) Hexachlorobenzene	16.54	284	407880	44.73	nq	# 87
68) Atrazine	16.70	200	372750	45.44	nq	99
69) Pentachlorophenol	16.89	266	534472	95.95	nq	99
70) Phenanthrene	17.29	178	1922627	46.83	nq	99
71) Anthracene	17.37	178	1992931	47.94	nq	98
72) Carbazole	17.64	167	1804221	45.32	nq	99
73) Di-n-butylphthalate	18.20	149	2093919	51.49	nq	# 98
74) Fluoranthene	19.30	202	2407235	49.50	nq	98
76) Benzidine	19.49	184	970363	32.49	nq	98
77) Pyrene	19.66	202	2556971	44.99	nq	98
79) Butylbenzylphthalate	20.55	149	1036820	50.66	nq	# 78
80) Benzo(a)anthracene	21.40	228	2725658	46.57	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	660589	30.14	nq	98
82) Chrysene	21.46	228	2478844	44.35	nq	99
83) Bis(2-ethylhexyl)phthalate	21.32	149	1531206	50.13	nq	98
84) Di-n-octyl phthalate	22.21	149	2708062	53.28	nq	# 92
85) Indeno(1,2,3-cd)pyrene	26.11	276	3074419	50.44	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	2865147	47.94	nq	# 94
88) Benzo(k)fluoranthene	23.09	252	2645411	46.02	nq	# 98
89) Benzo(a)pyrene	23.64	252	2678342	48.39	nq	99
90) Dibenzo(a,h)anthracene	26.12	278	2590352	47.77	nq	# 96
91) Benzo(g,h,i)perylene	26.84	276	2490440	47.12	nq	# 91

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

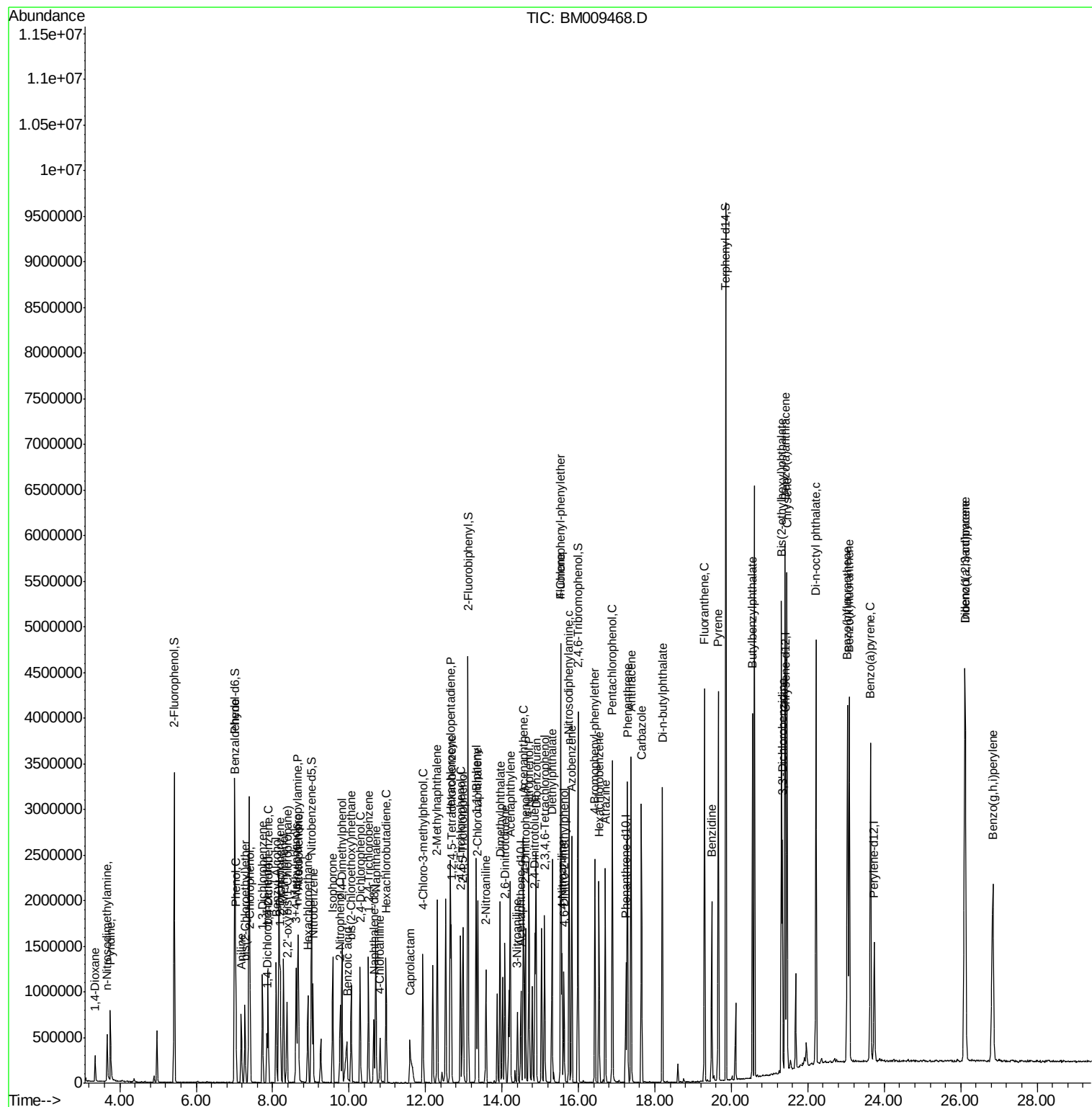
Data Path : Z:\HPCHEM1\BNA M\DATA\BM033017\
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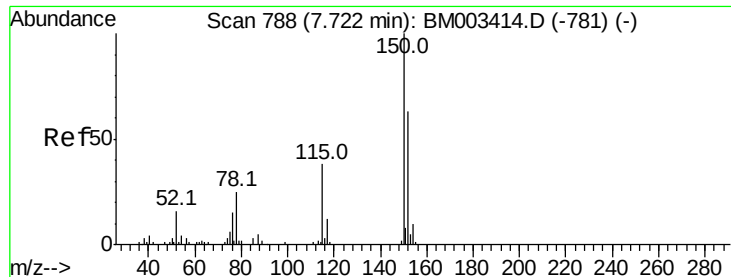
Instrument :
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#1

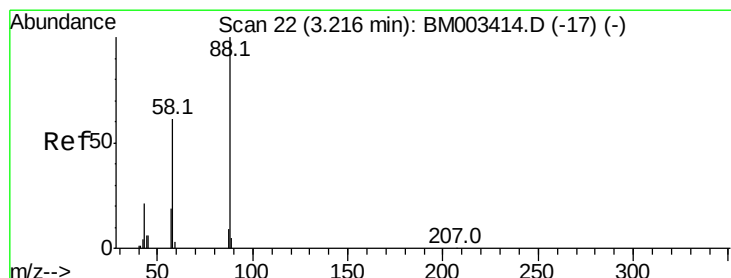
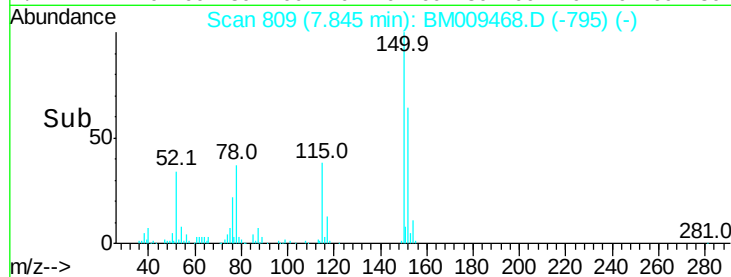
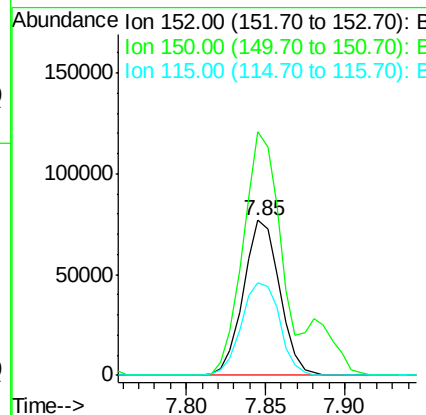
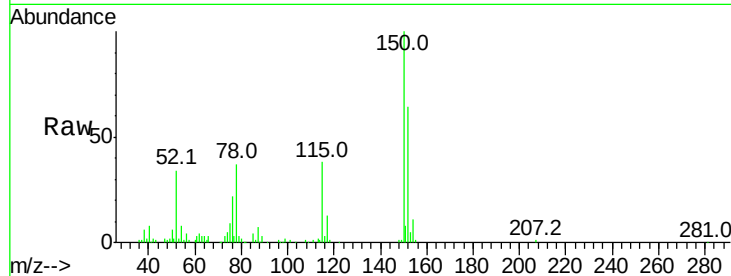
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	119.5	179.3
115	59.8	43.0	64.4

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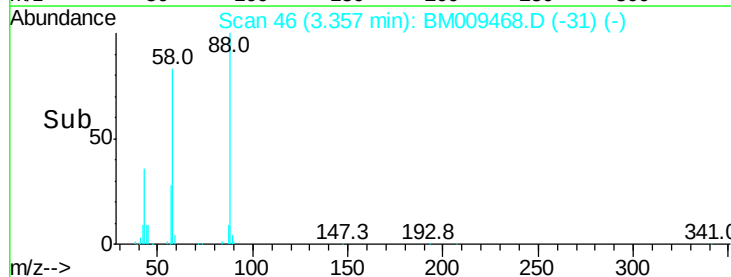
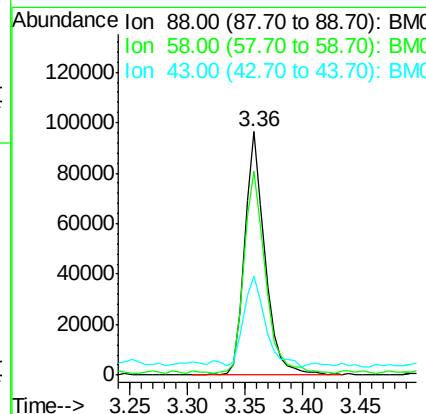
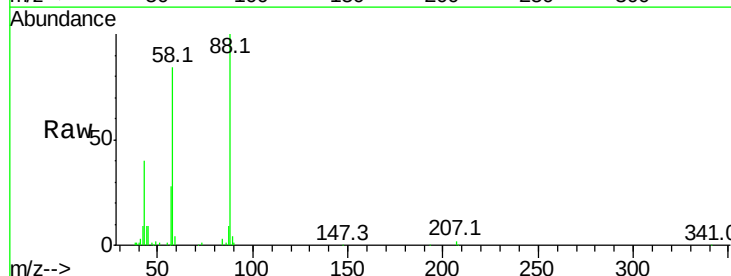
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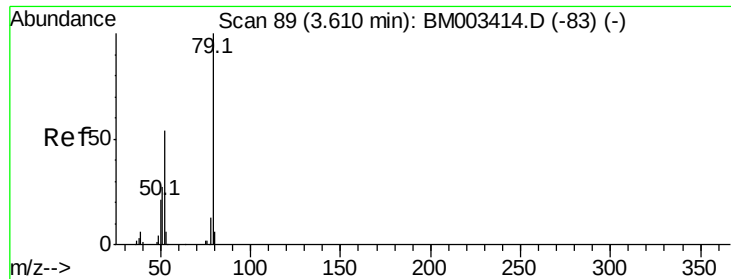


#2

1,4-Dioxane
Concen: 31.86 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	0.0	0.0#
43	39.9	0.0	0.0#





#3

Pvridine

Concen: 36.16 ng

RT: 3.75 min Scan# 113

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

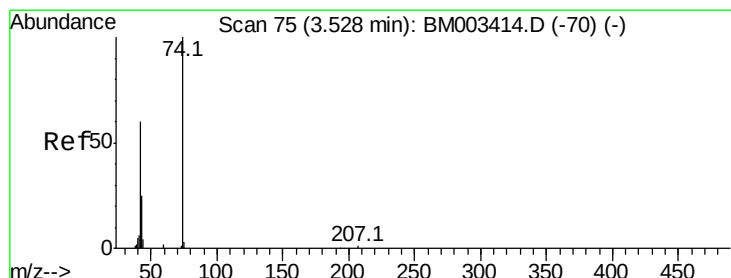
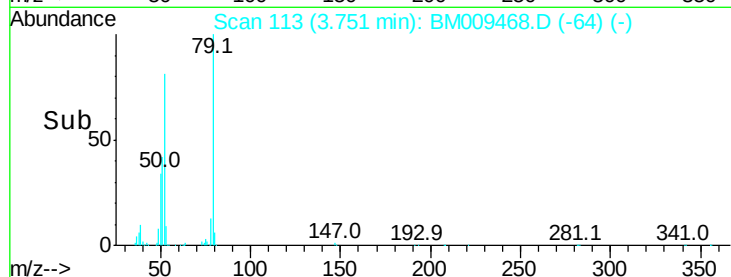
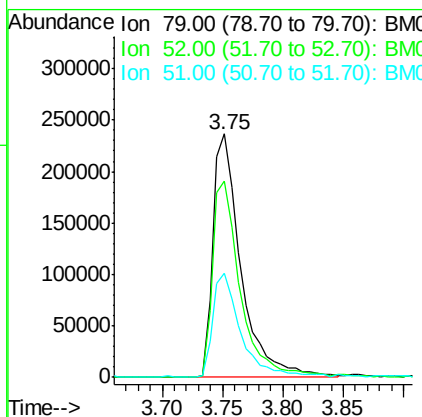
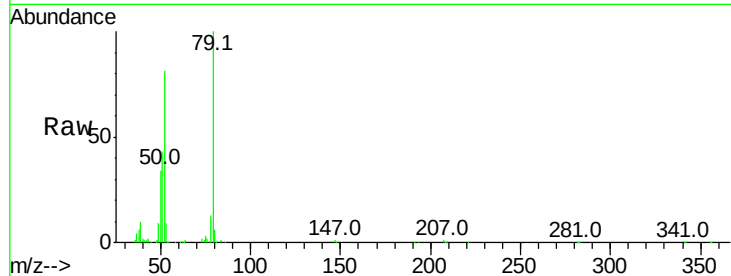
ClientSampleId :

PB97831BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	80.5	51.1	76.7#
51	42.7	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 45.58 ng

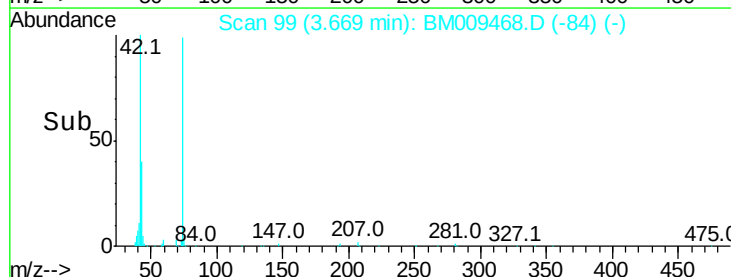
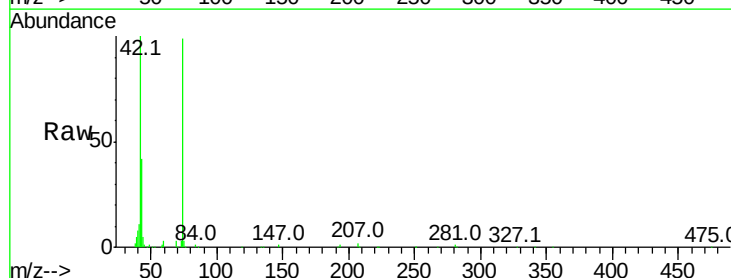
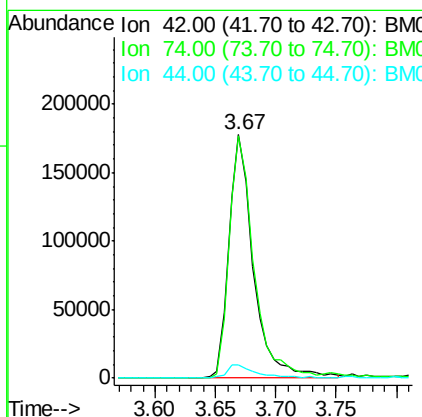
RT: 3.67 min Scan# 99

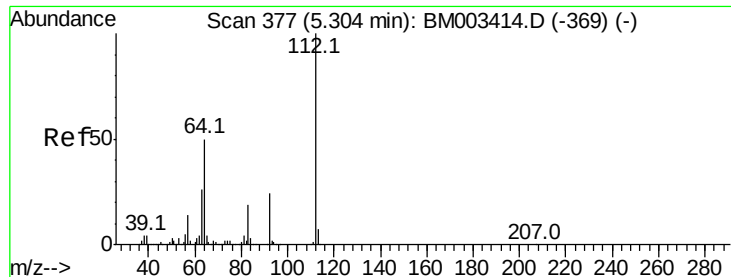
Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	99.4	119.3	178.9#
44	5.4	5.4	8.2





#5

2-Fluorophenol

Concen: 148.51 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

ClientSampleId :

PB97831BS

Tot Ion:112 Resp: 1089690

Ion Ratio Lower Upper

112 100

64 77.1 38.6 57.8#

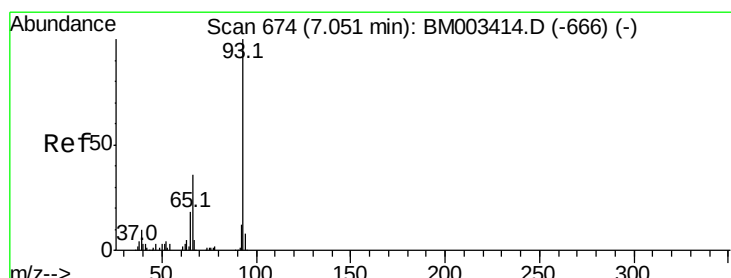
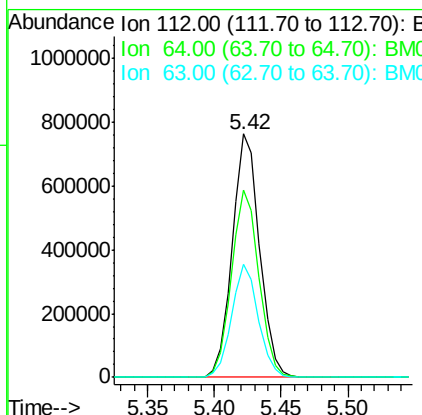
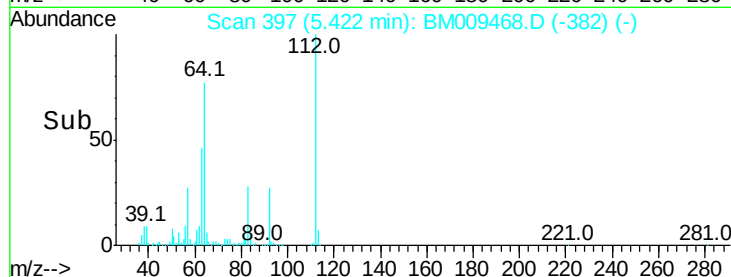
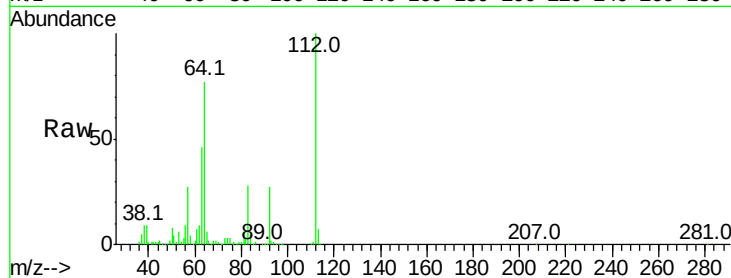
63 46.3 19.3 28.9#

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#6

Aniline

Concen: 30.59 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

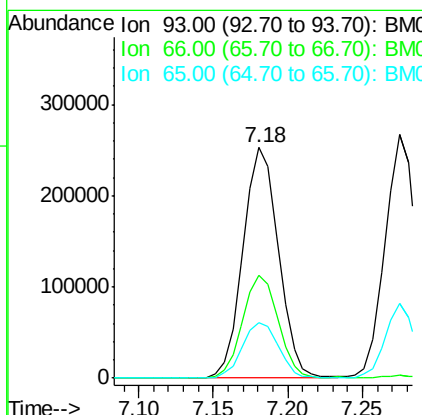
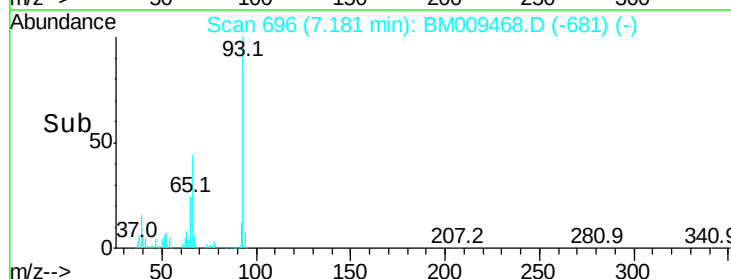
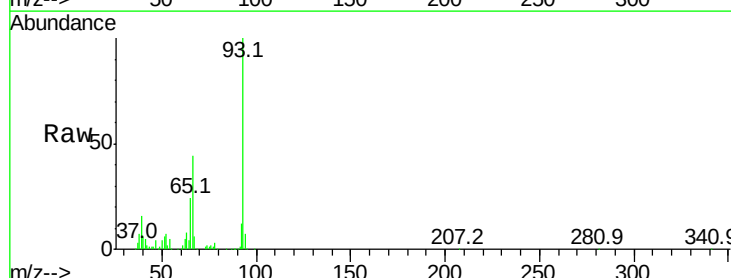
Tgt Ion: 93 Resp: 415939

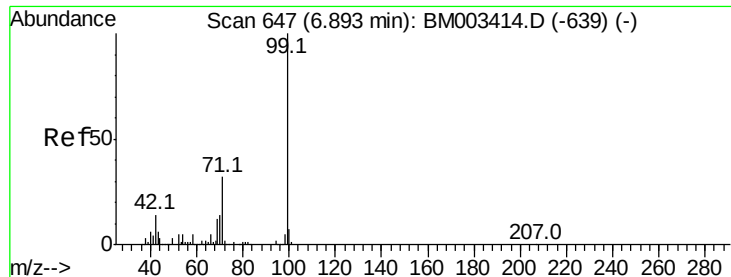
Ion Ratio Lower Upper

93 100

66 44.3 30.8 46.2

65 24.0 16.0 24.0





#7

Phenol-d6

Concen: 153.81 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

ClientSampleId :

PB97831BS

Tot Ion: 99 Resp: 1539010

Ion Ratio Lower Upper

99 100

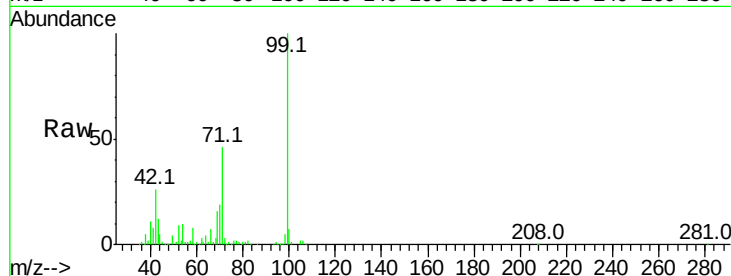
42 25.5 11.0 16.4#

71 46.2 23.4 35.2#

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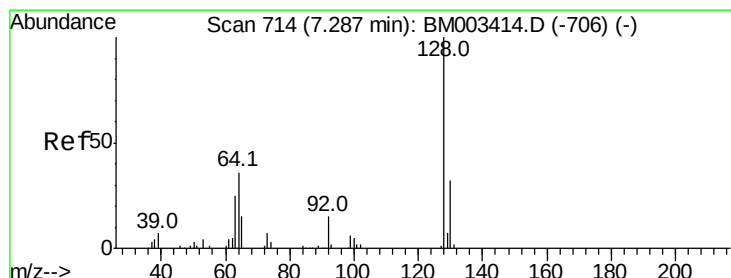
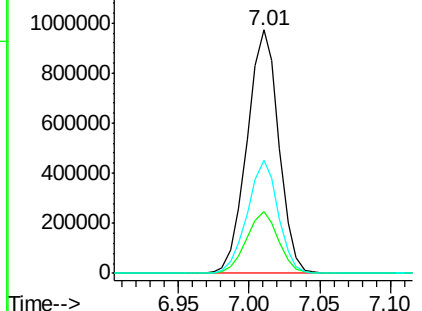
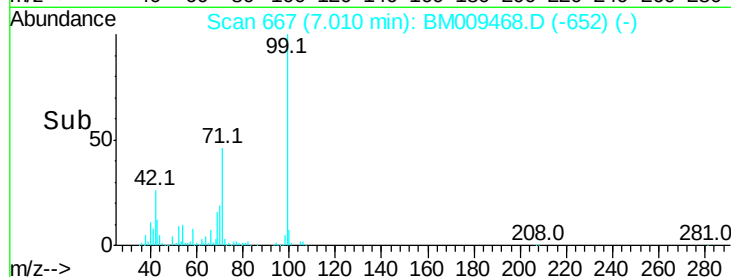
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Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#8

2-Chlorophenol

Concen: 49.69 ng

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

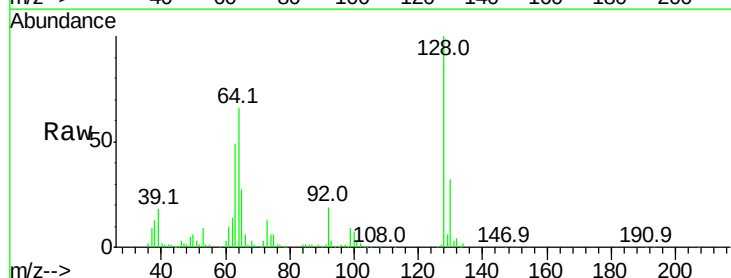
Tgt Ion: 128 Resp: 369695

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

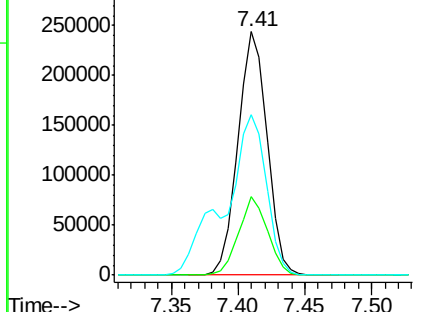
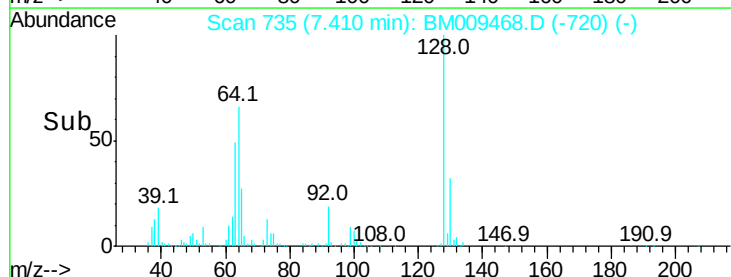
64 65.7 24.9 64.9#

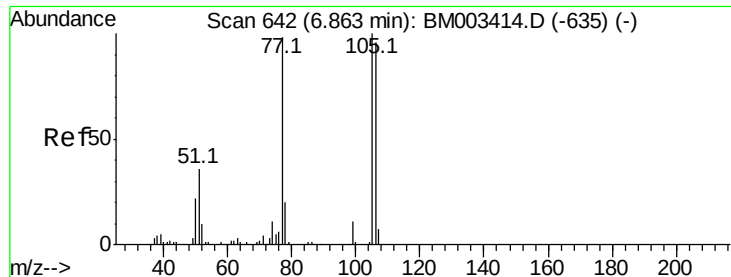


Abundance Ion 128.00 (127.70 to 128.70): BM003414.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM003414.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM003414.D (-706) (-)





#9

Benzaldehyde

Concen: 8.85 ng

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

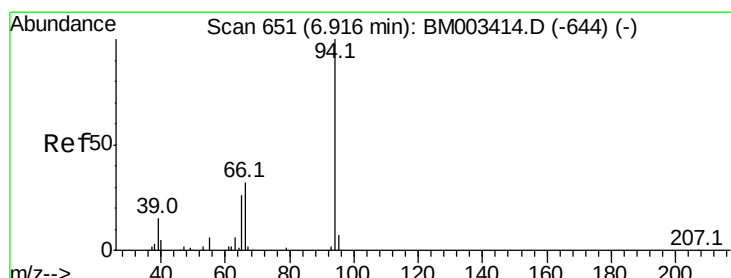
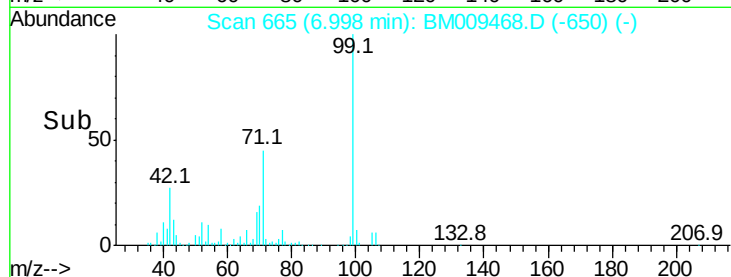
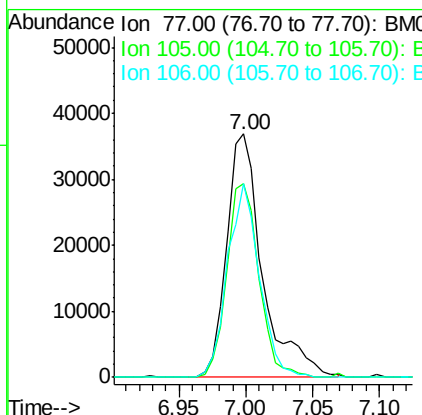
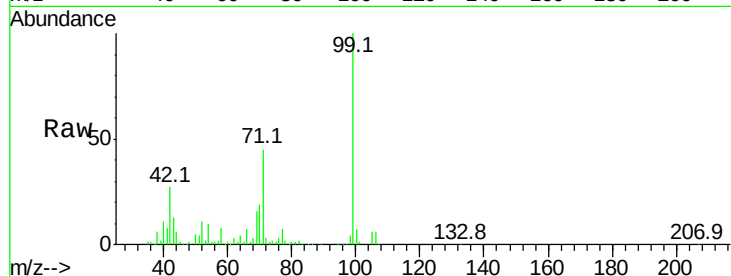
ClientSampleID :

PB97831BS

Tot Ion:	77	Resp:	69688
Ion	Ratio	Lower	Upper
77	100		
105	79.4	78.8	118.8
106	79.8	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 49.93 ng

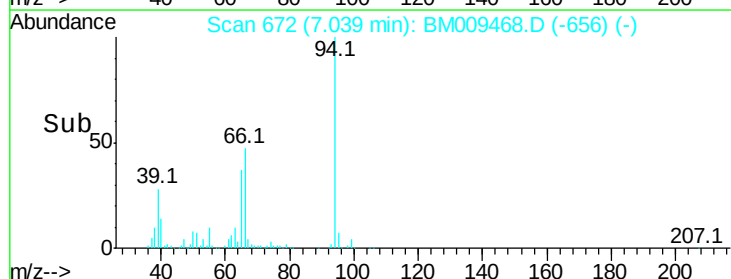
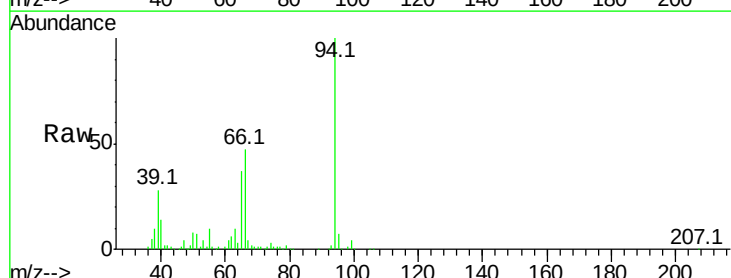
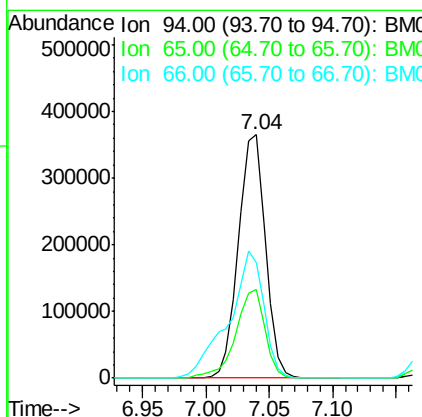
RT: 7.04 min Scan# 672

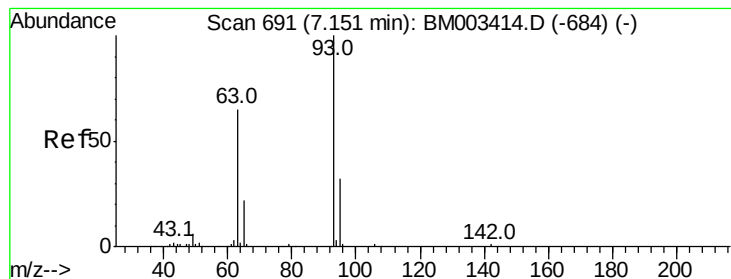
Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Tgt Ion:	94	Resp:	541396
Ion	Ratio	Lower	Upper
94	100		
65	36.6	18.8	58.8
66	47.5	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 43.95 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

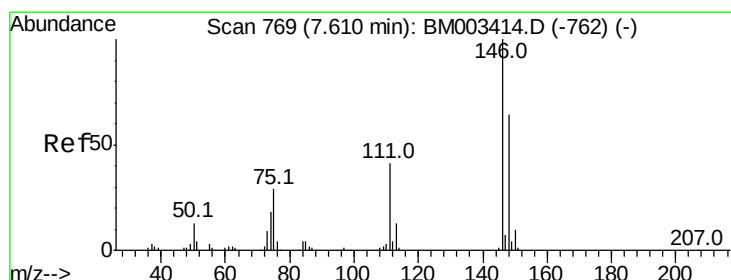
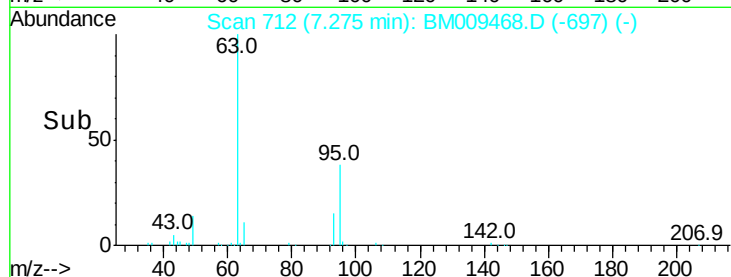
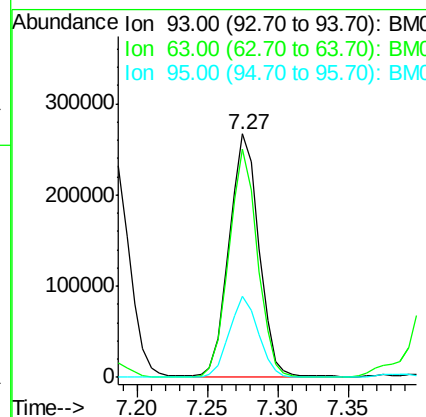
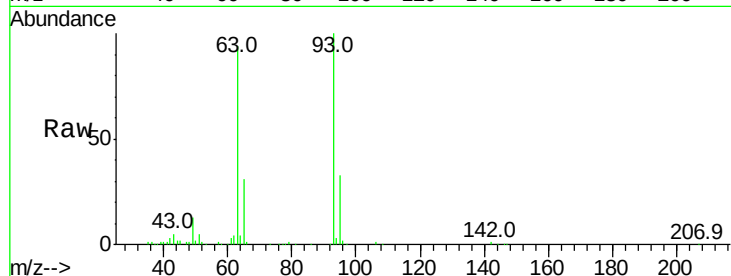
ClientSampleId :

PB97831BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	390616		
63	93.5	49.5	89.5#	
95	33.4	13.5	53.5	

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#12

1,3-Dichlorobenzene

Concen: 44.41 ng

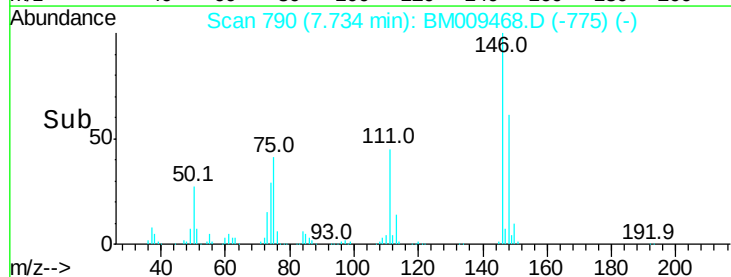
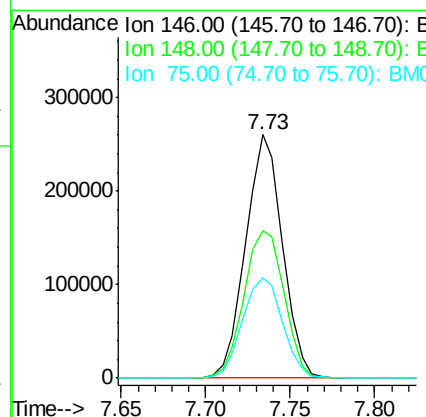
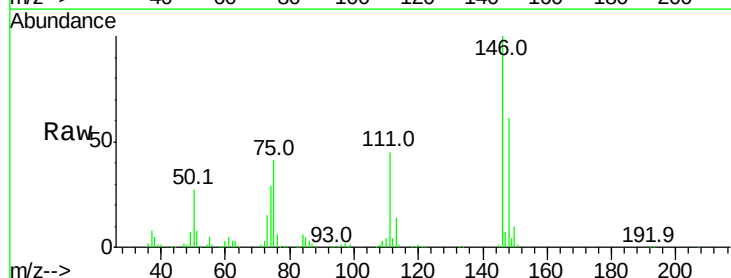
RT: 7.73 min Scan# 790

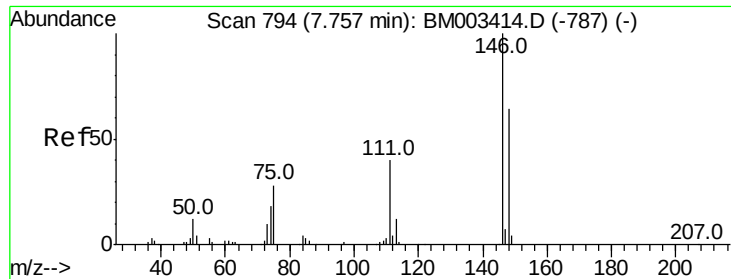
Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	395609		
148	60.7	50.9	76.3	
75	41.4	21.4	32.2#	





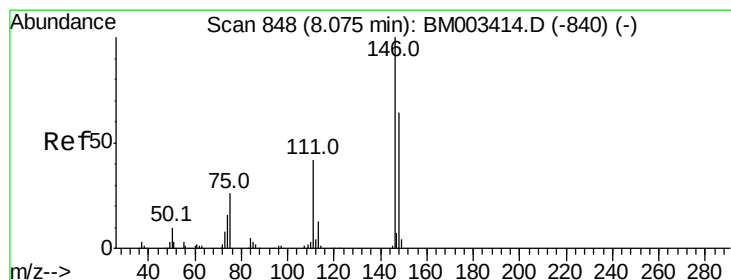
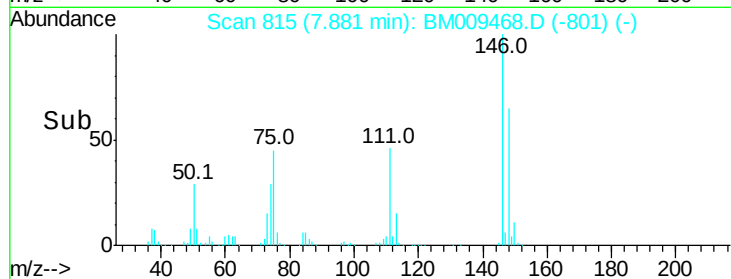
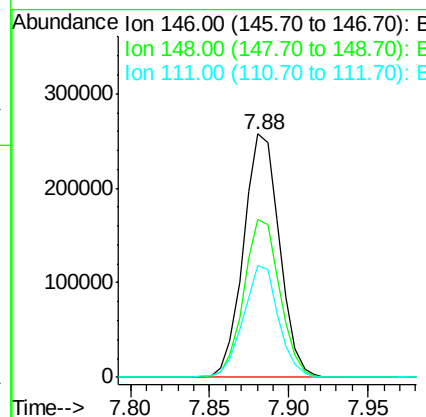
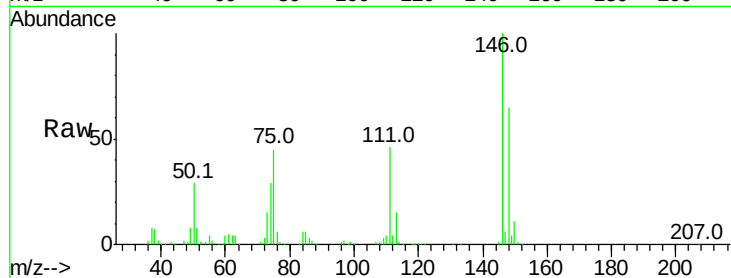
#13
 1,4-Dichlorobenzene
 Concen: 43.96 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Instrument :
 BNA_M
 ClientSampleId :
 PB97831BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.9	77.9
111	45.8	29.2	43.8

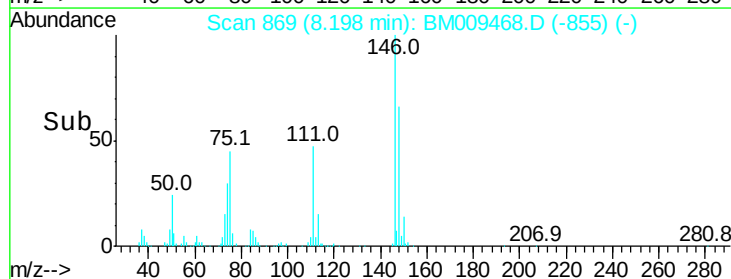
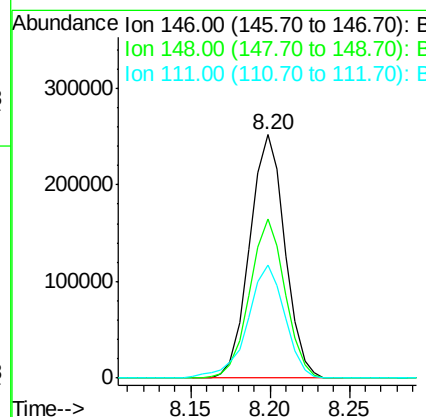
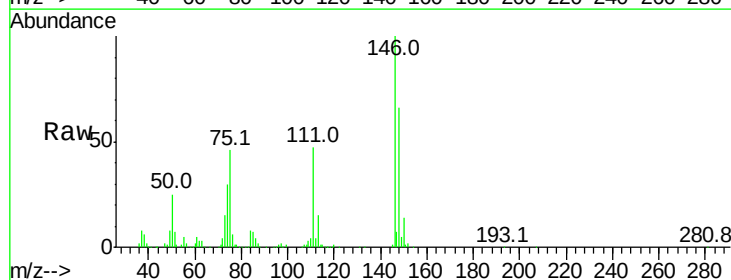
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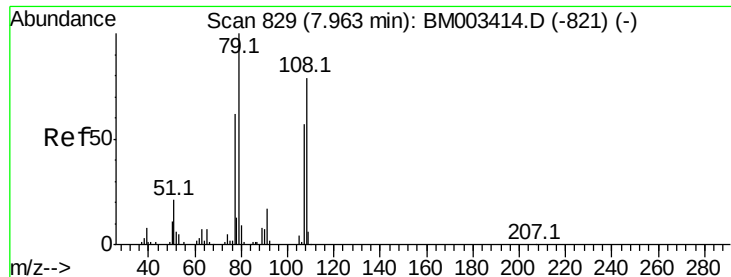
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#14
 1,2-Dichlorobenzene
 Concen: 43.58 ng
 RT: 8.20 min Scan# 869
 Delta R.T. -0.02 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.3	78.5
111	46.6	30.6	45.8





#15

Benzyl Alcohol

Concen: 49.92 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

ClientSampleId :

PB97831BS

Tot Ion: 79 Resp: 436700

Ion Ratio Lower Upper

79 100

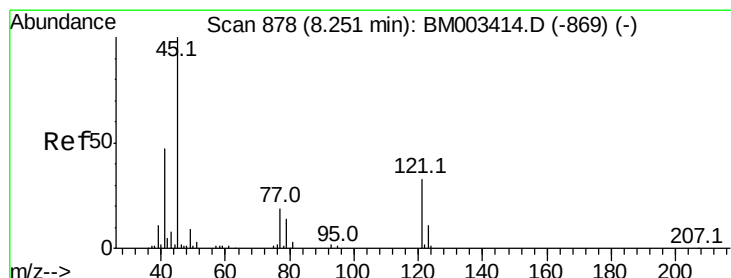
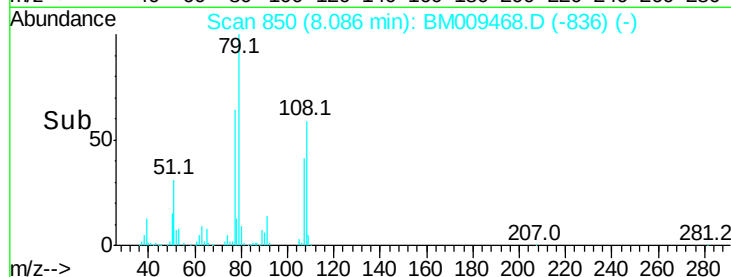
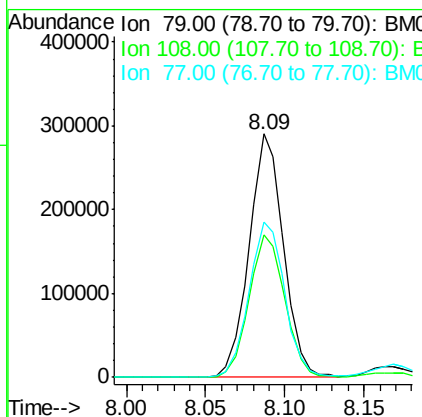
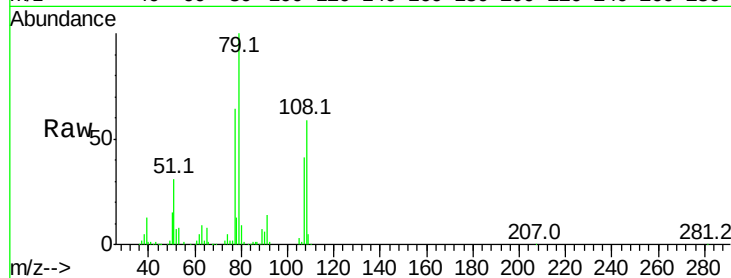
108 58.8 65.0 97.4#

77 63.6 53.0 79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.60 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

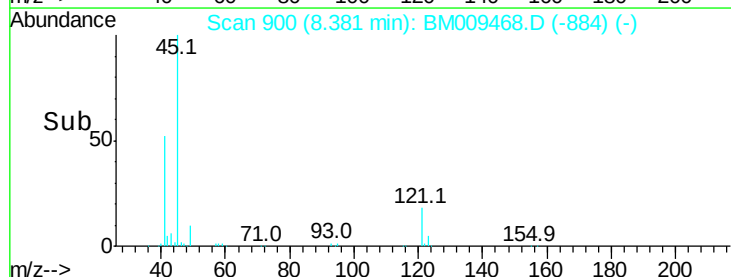
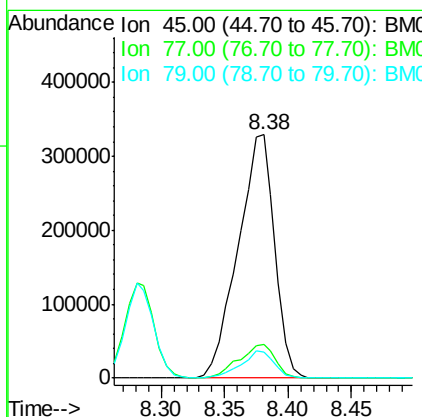
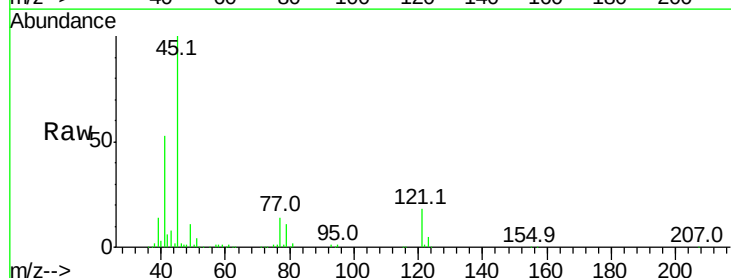
Tgt Ion: 45 Resp: 657963

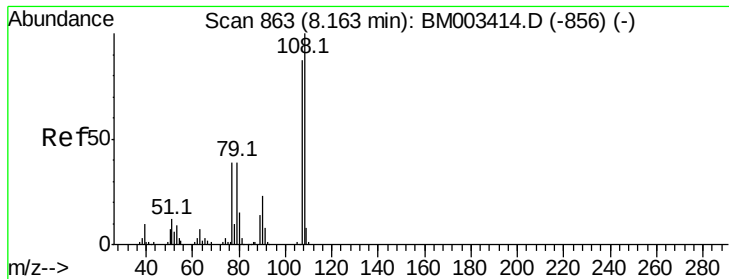
Ion Ratio Lower Upper

45 100

77 13.7 0.0 35.2

79 10.5 0.0 32.0





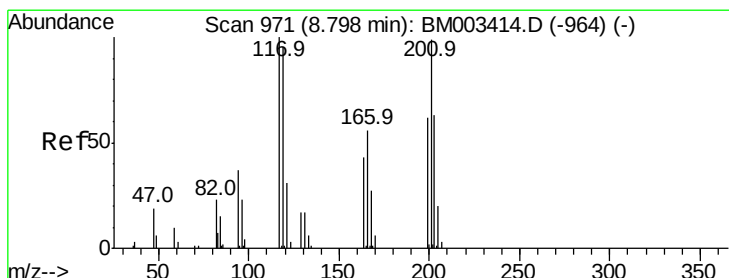
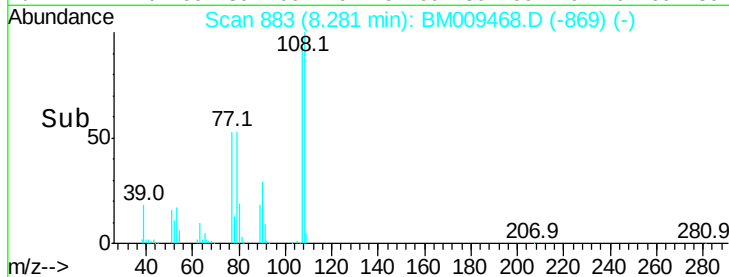
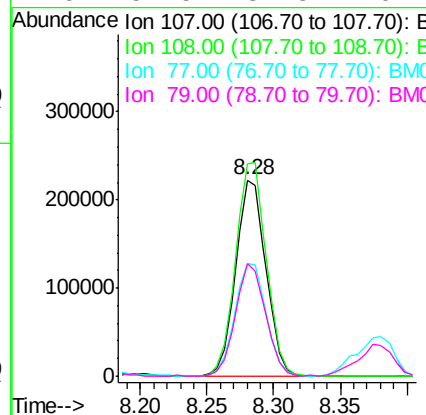
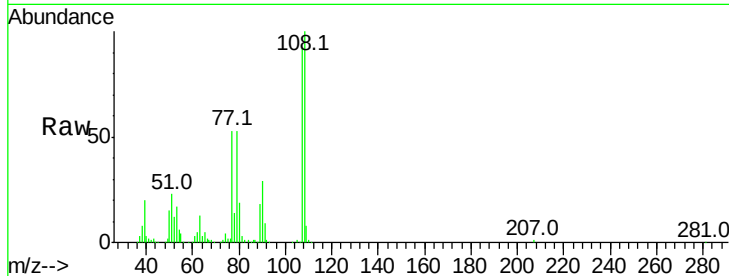
#17
2-Methylphenol
Concen: 49.42 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.6	89.8	134.8	
77	57.6	32.6	48.8#	
79	57.5	32.8	49.2#	

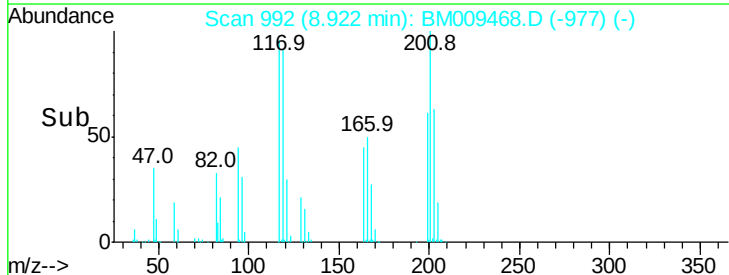
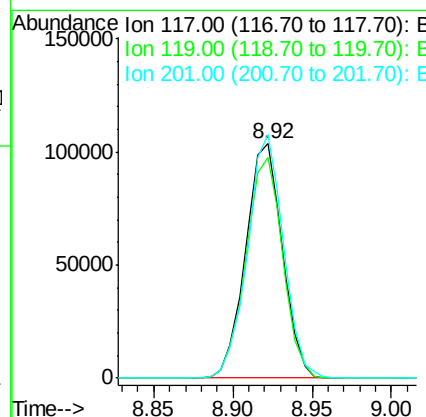
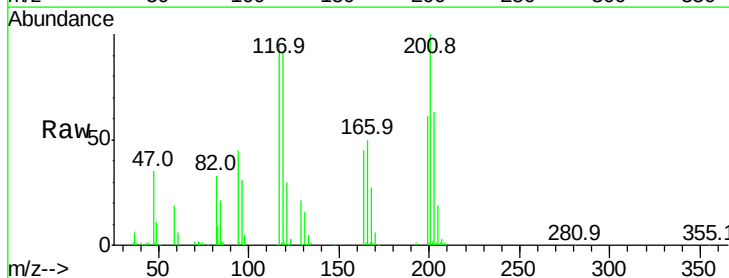
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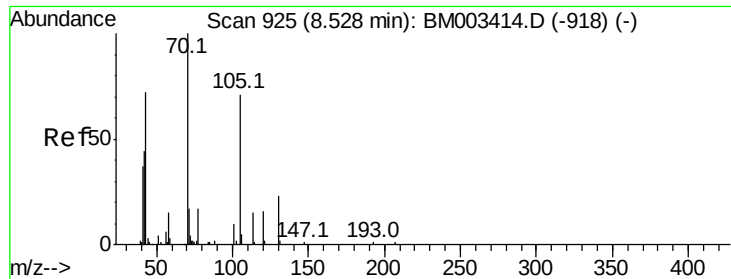
mohammad
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#18
Hexachloroethane
Concen: 44.24 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	79.2	118.8	
201	104.0	69.8	104.6	





#19

n-Nitroso-di-n-propylamine

Concen: 46.38 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BM009468.D

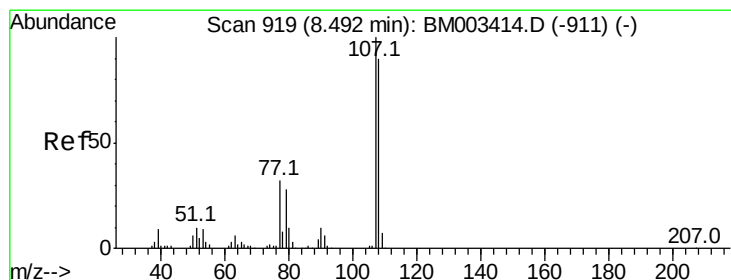
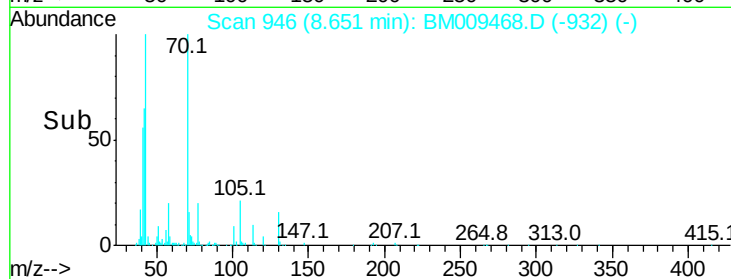
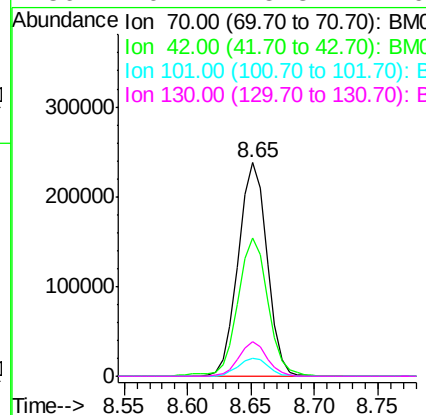
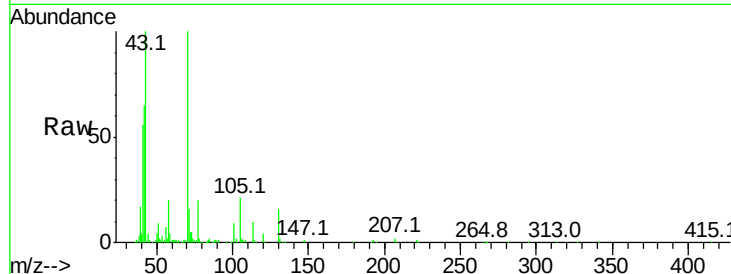
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.8	44.5	66.7		
101	8.7	7.4	11.2		
130	16.4	15.3	22.9		

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#20

3+4-Methylphenols

Concen: 48.55 ng

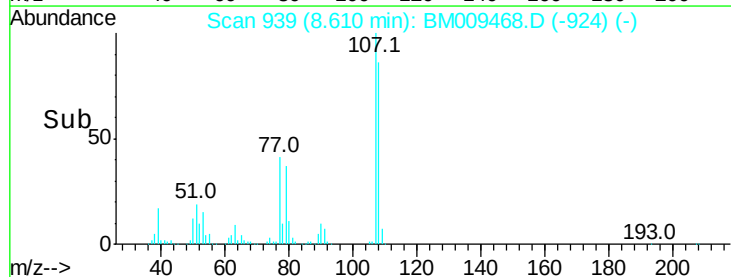
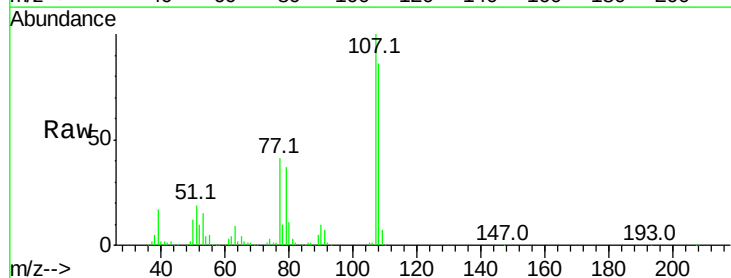
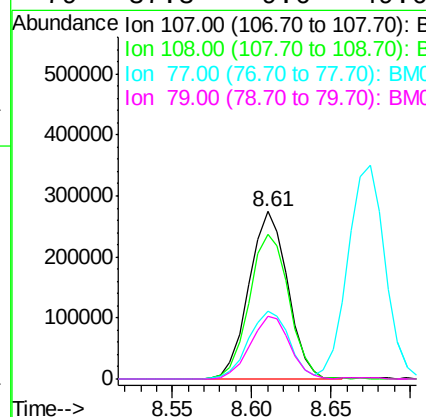
RT: 8.61 min Scan# 939

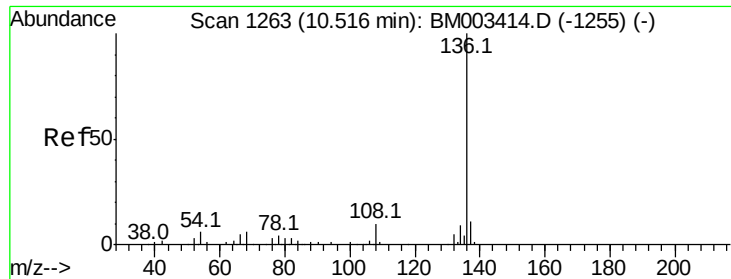
Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.2	73.2	113.2		
77	40.7	10.7	50.7		
79	37.3	9.6	49.6		





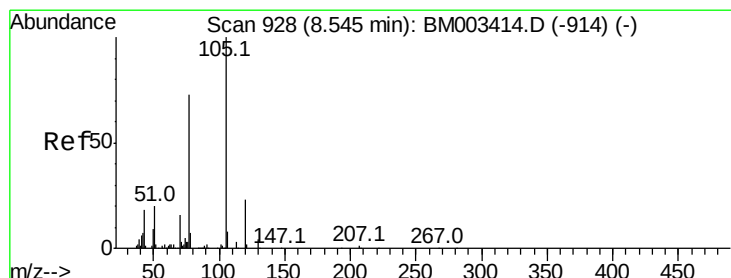
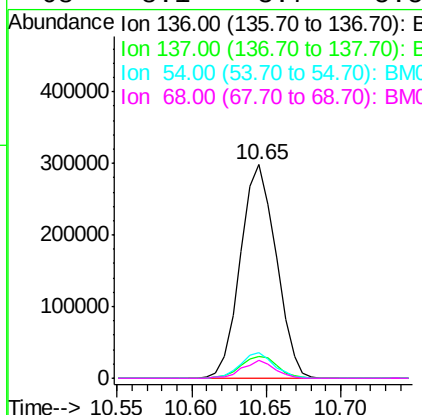
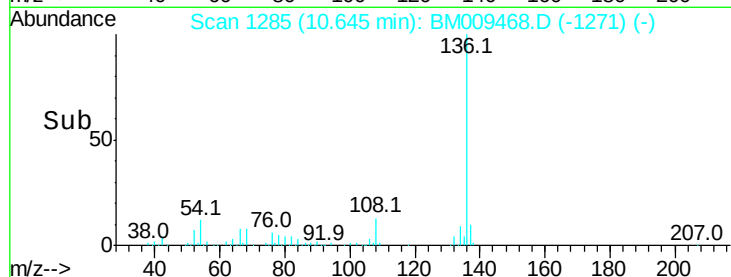
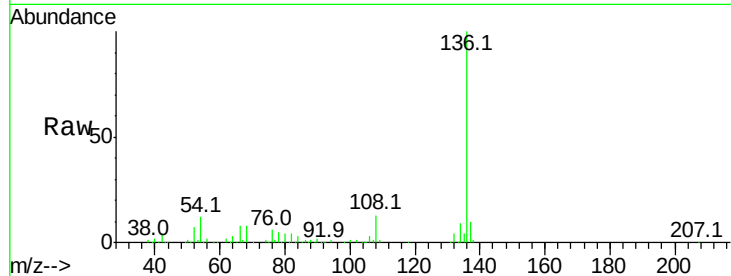
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	495434		
137	10.2		8.7	13.1
54	11.9		4.6	6.8#
68	8.1		3.7	5.5#

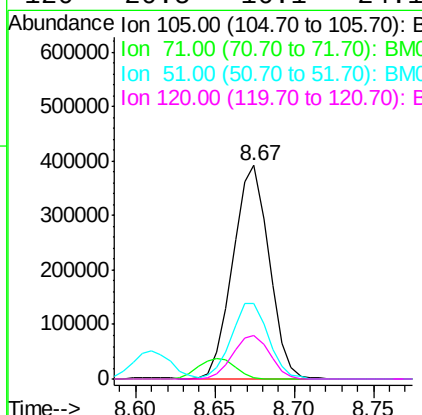
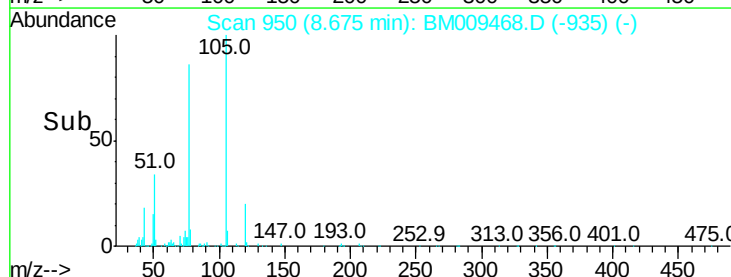
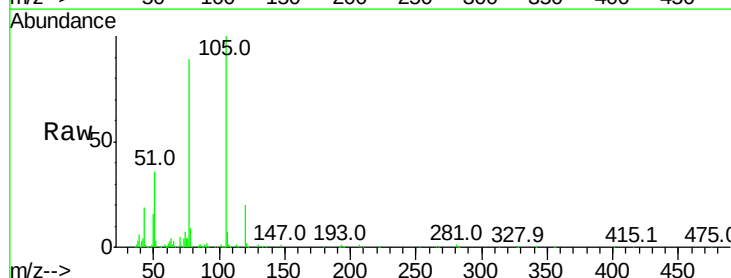
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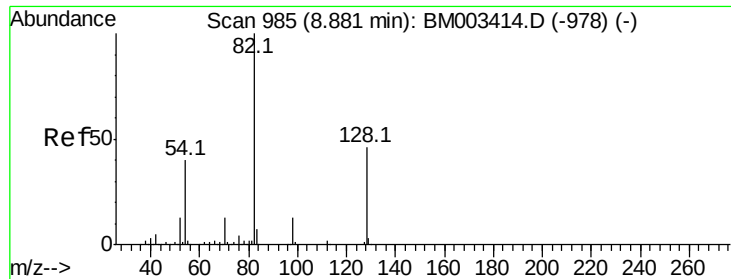
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#22
Acetophenone
Concen: 44.60 ng
RT: 8.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	623132		
71	0.8		0.6	1.0
51	35.5		21.6	32.4#
120	20.5		16.1	24.1





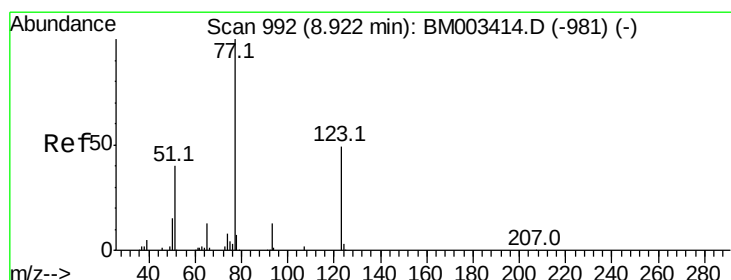
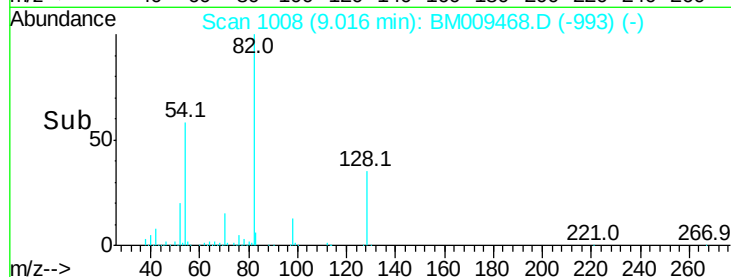
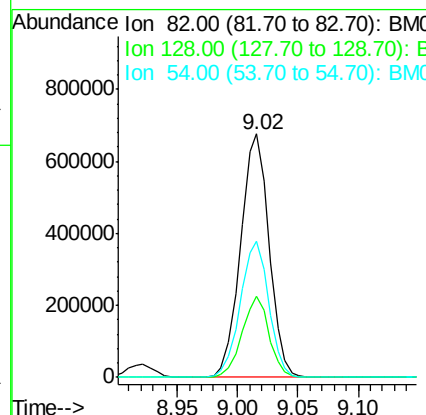
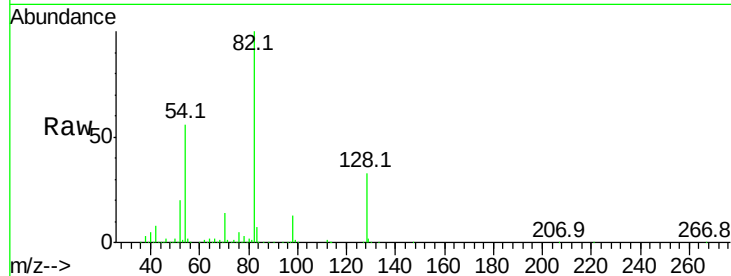
#23
 Nitrobenzene-d5
 Concen: 84.36 ng
 RT: 9.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Instrument :
 BNA_M
 ClientSampleID :
 PB97831BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.2	32.8	49.2
54	56.0	40.6	60.8

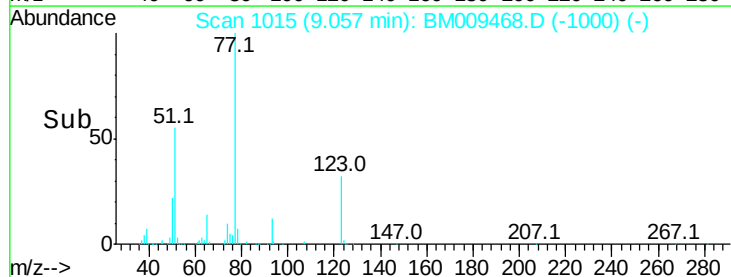
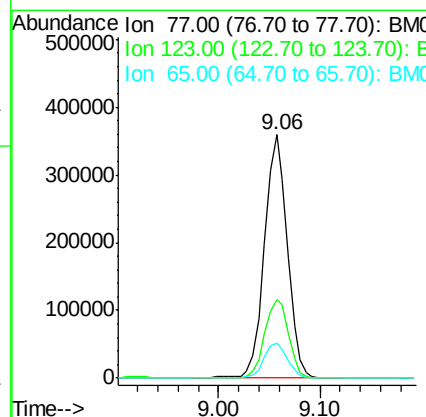
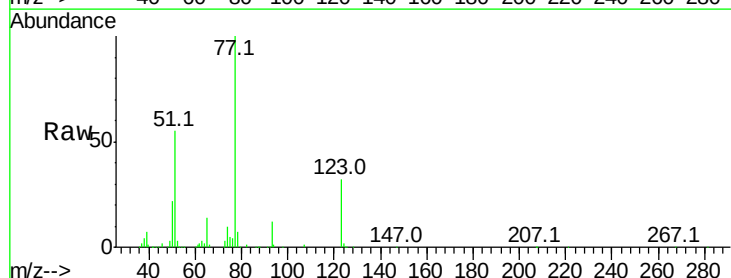
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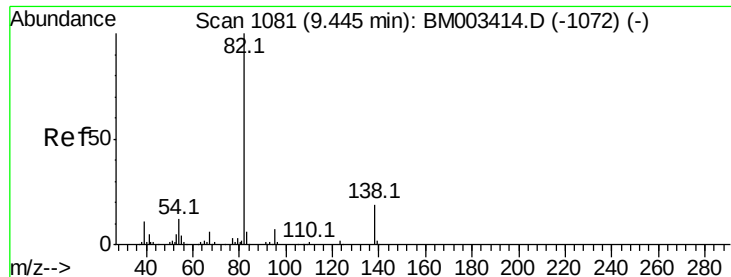
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#24
 Nitrobenzene
 Concen: 43.45 ng
 RT: 9.06 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.5	32.6	49.0#
65	14.3	10.9	16.3





#25

Isophorone

Concen: 46.16 ng

RT: 9.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

ClientSampleId :

PB97831BS

Tot Ion: 82 Resp: 930538

Ion Ratio Lower Upper

82 100

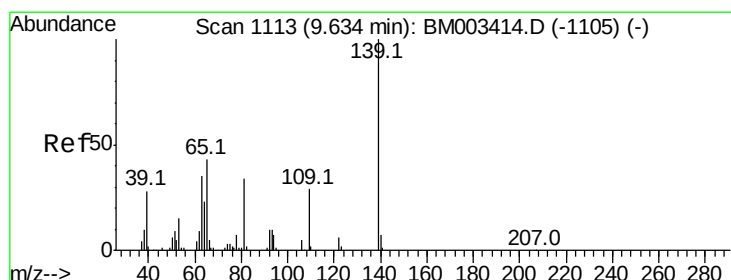
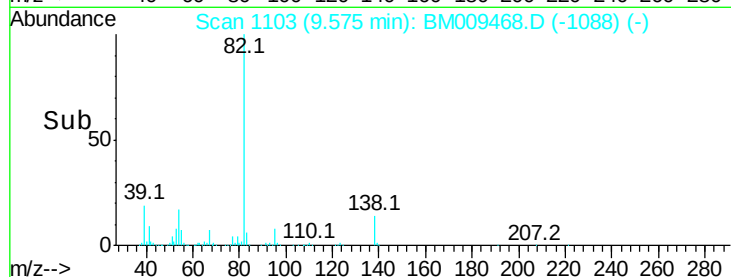
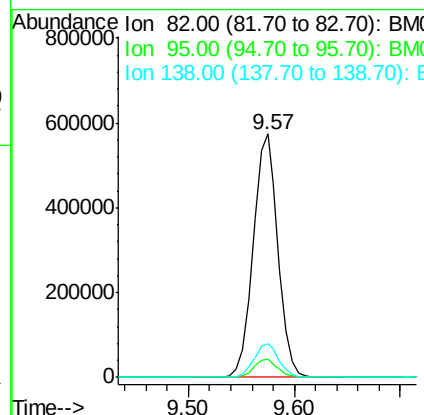
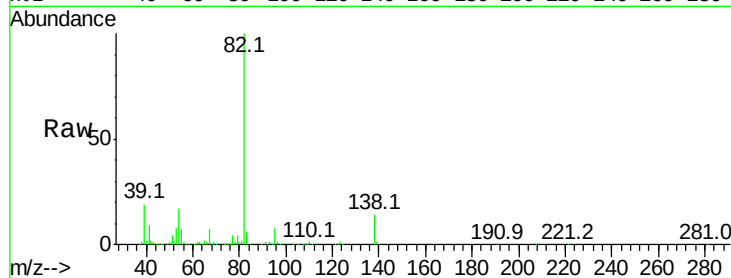
95 7.6 5.8 8.6

138 13.7 16.3 24.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.33 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

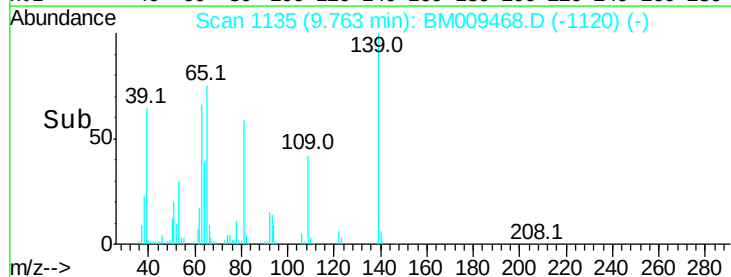
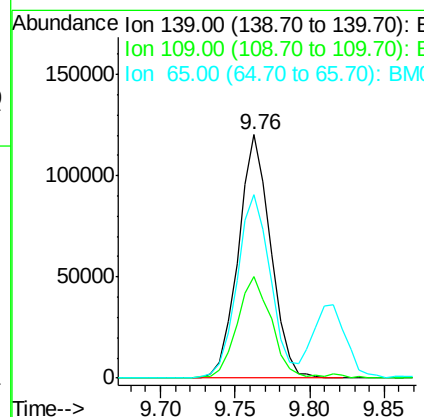
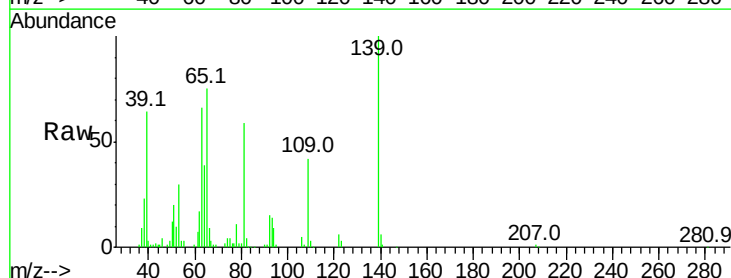
Tgt Ion: 139 Resp: 180882

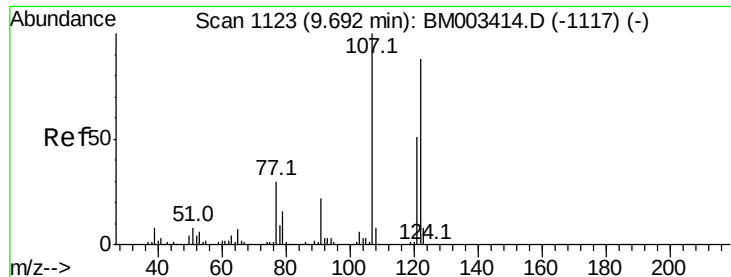
Ion Ratio Lower Upper

139 100

109 41.9 20.1 30.1#

65 75.5 31.5 47.3#





#27

2,4-Dimethylphenol

Concen: 50.12 ng

RT: 9.82 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

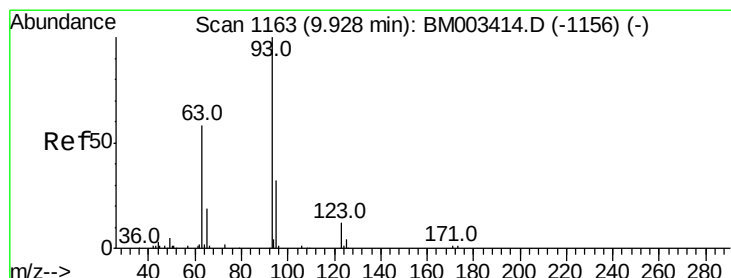
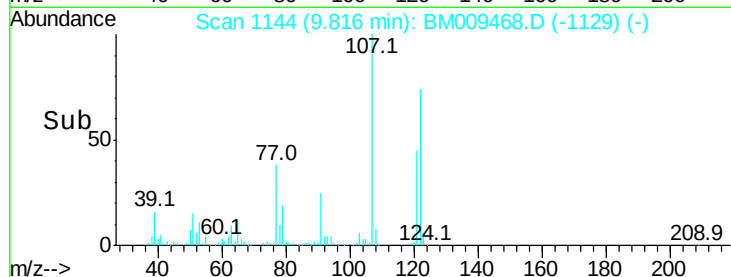
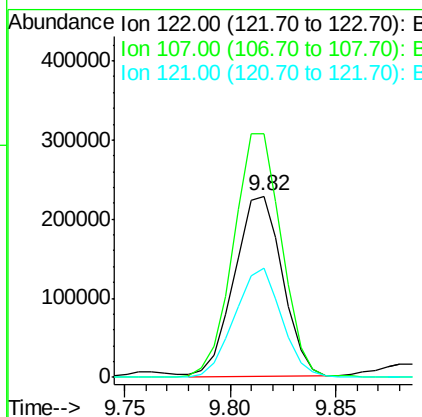
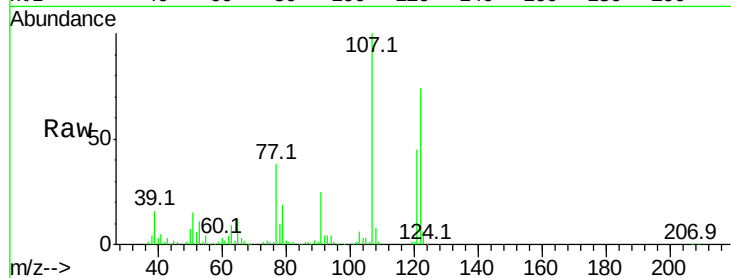
ClientSampleId :

PB97831BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.3	84.7	127.1#
121	59.9	46.6	69.8

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#28

bis(2-Chloroethoxy)methane

Concen: 44.29 ng

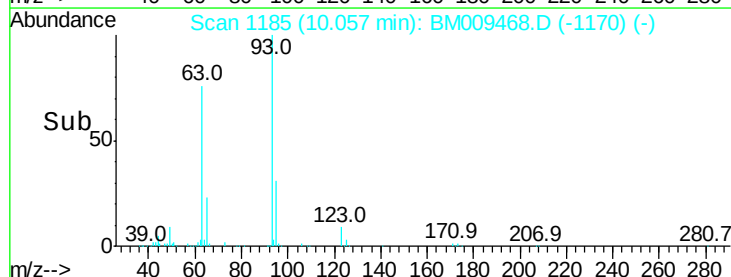
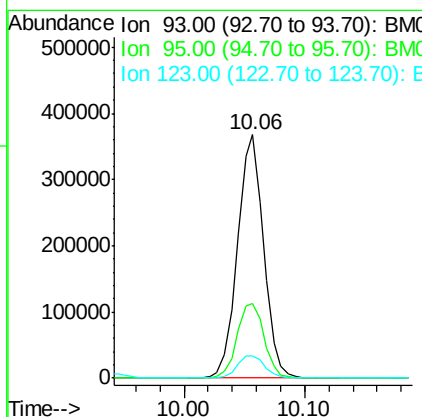
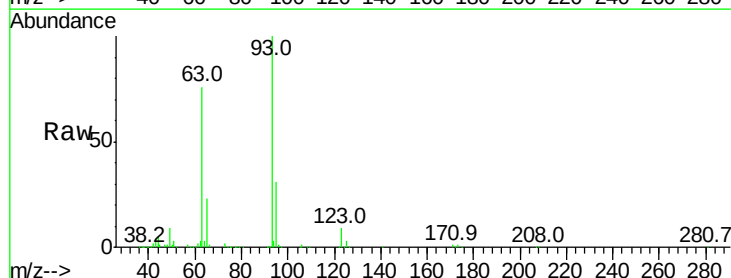
RT: 10.06 min Scan# 1185

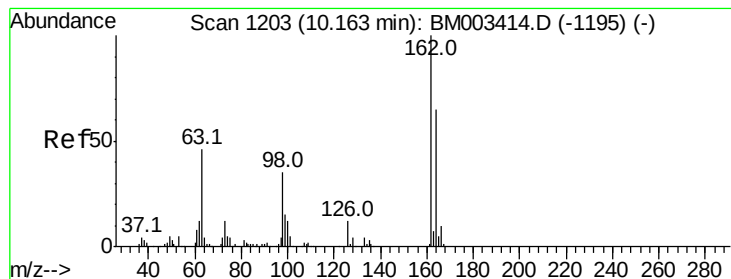
Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	25.5	38.3
123	9.3	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 49.20 ng

RT: 10.29 min Scan# 1224

Delta R.T. -0.02 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

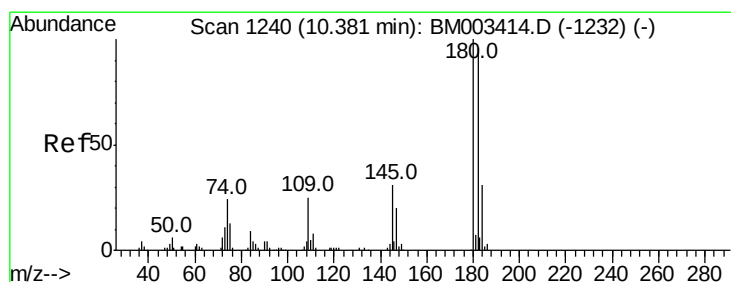
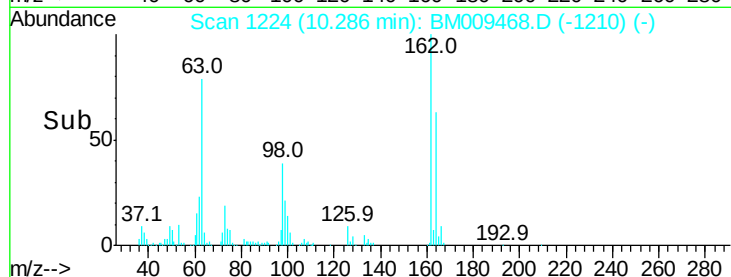
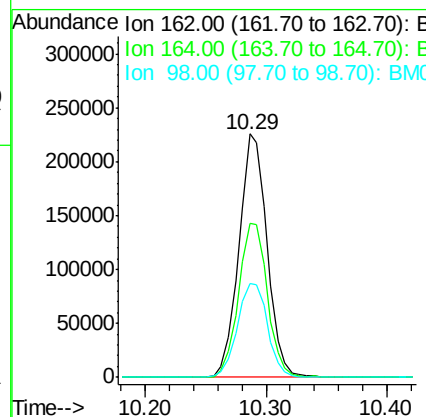
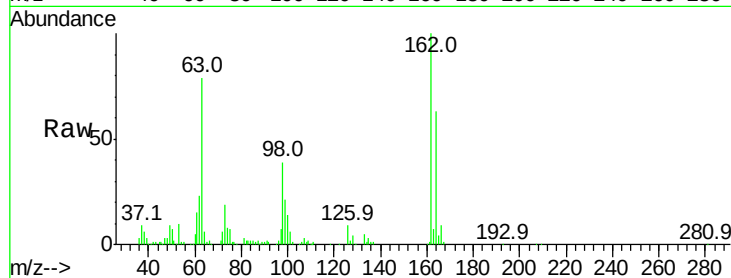
ClientSampled :

PB97831BS

Tot Ion:	162	Resp:	367360
Ion Ratio	Lower	Upper	
162	100		
164	63.3	42.8	82.8
98	38.5	14.5	54.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 43.99 ng

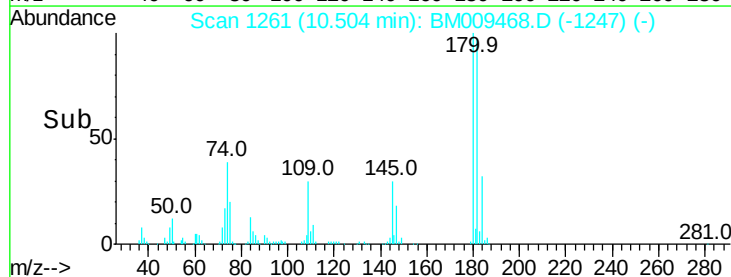
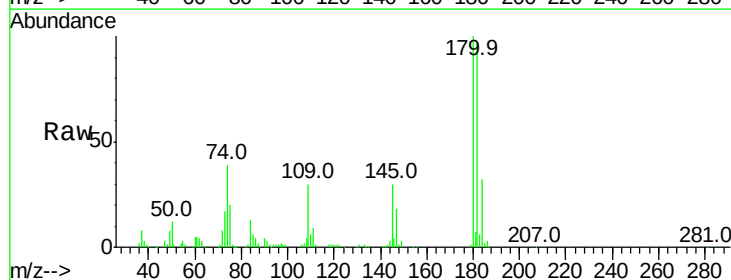
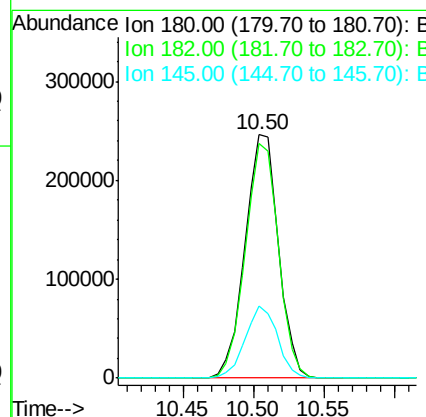
RT: 10.50 min Scan# 1261

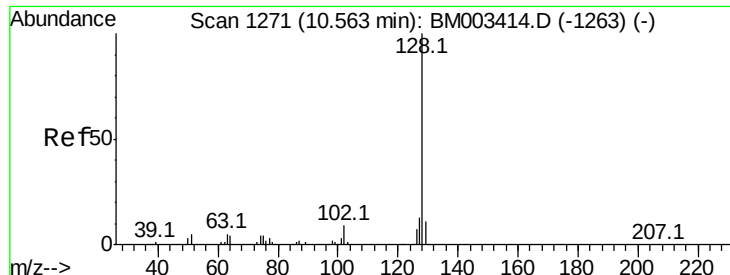
Delta R.T. -0.02 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Tgt Ion:	180	Resp:	407579
Ion Ratio	Lower	Upper	
180	100		
182	96.6	77.6	116.4
145	29.5	23.4	35.2





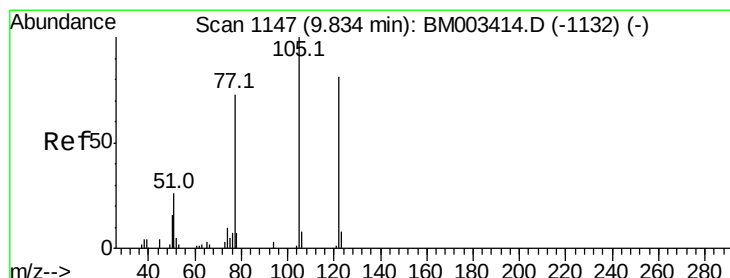
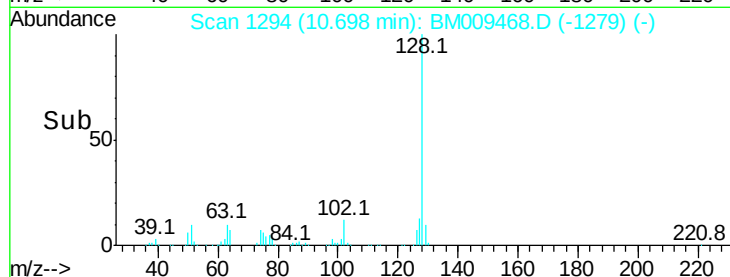
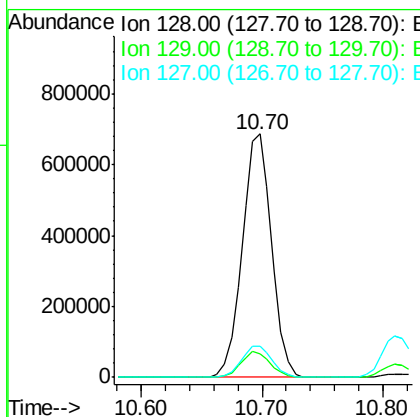
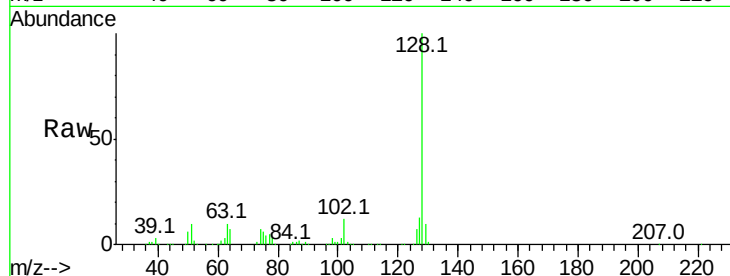
#31
Naphthalene
Concen: 43.91 ng
RT: 10.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.8	8.9	13.3
127	12.6	10.4	15.6

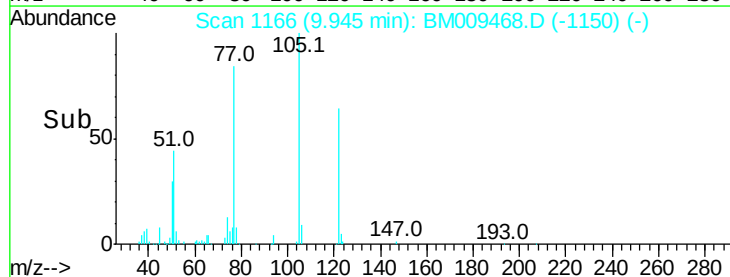
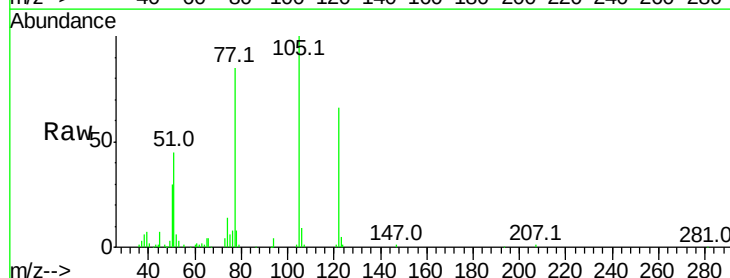
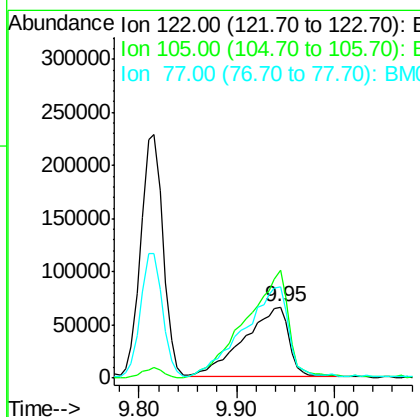
Manual Integrations
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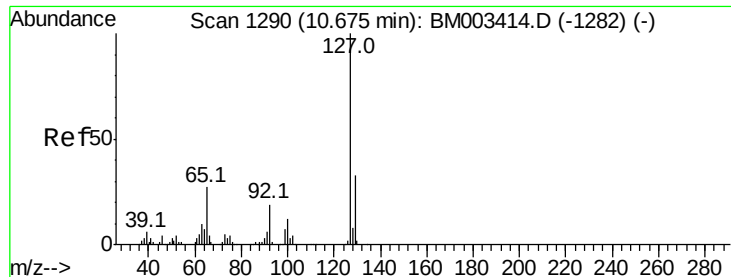
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#32
Benzoic acid
Concen: 43.68 ng
RT: 9.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	152.0	99.9	139.9#
77	129.3	73.7	113.7#





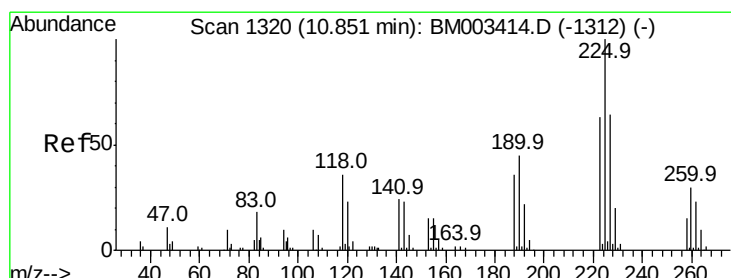
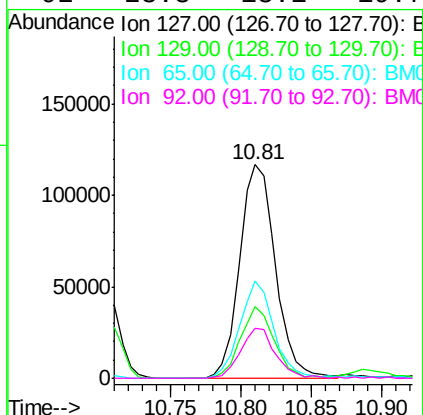
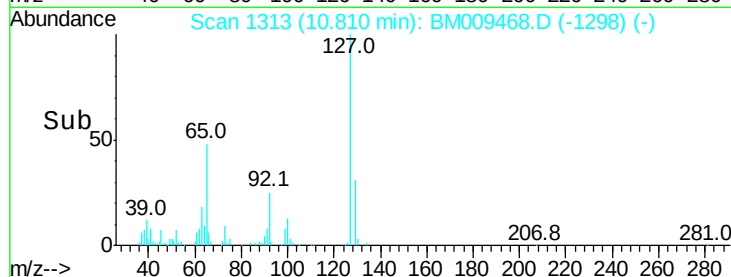
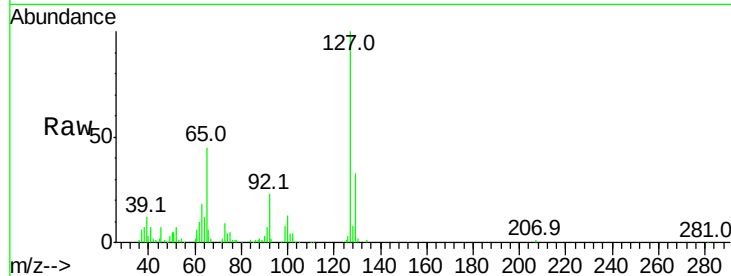
#33
4-Chloroaniline
Concen: 20.48 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	25.3	37.9		
65	45.5	17.6	26.4		
92	23.3	13.1	19.7		

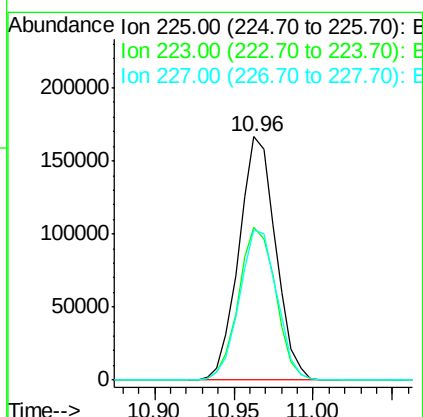
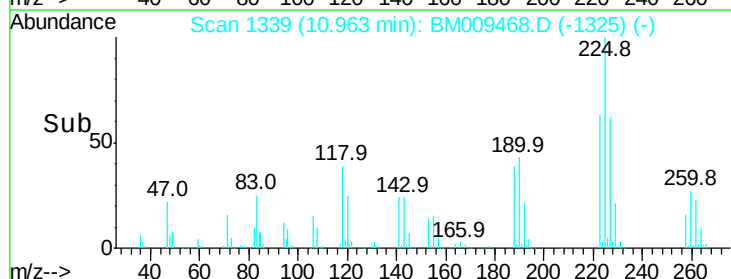
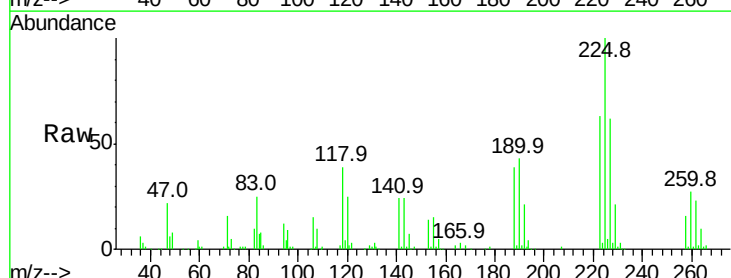
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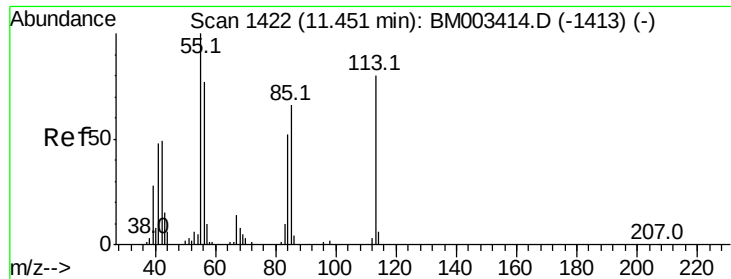
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#34
Hexachlorobutadiene
Concen: 42.24 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	47.9	71.9		
227	61.8	50.1	75.1		





#35

Caprolactam

Concen: 52.50 ng/ml

RT: 11.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

ClientSampleID :

PB97831BS

Tot Ion:113 Resp: 119678

Ion Ratio Lower Upper

113 100

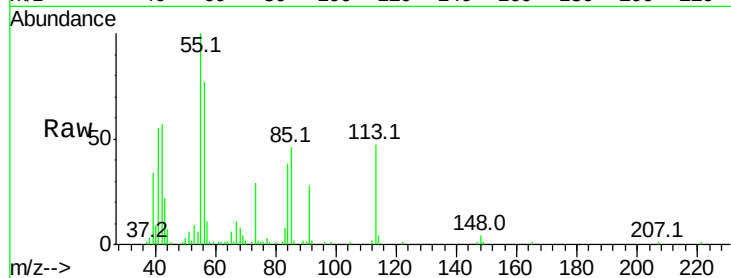
55 212.8 145.9 185.9#

56 163.9 101.0 141.0#

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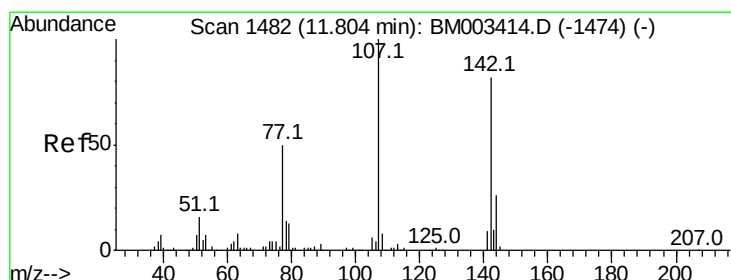
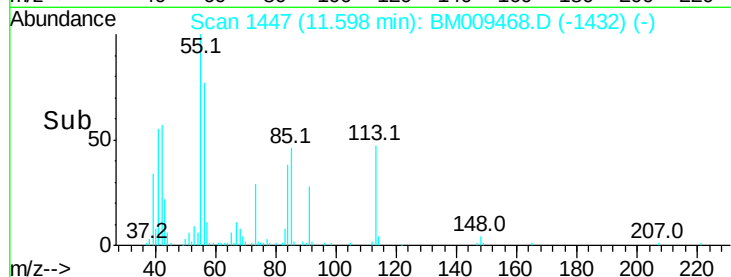
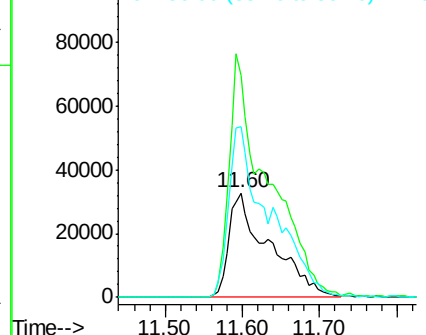
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 51.17 ng/ml

RT: 11.93 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

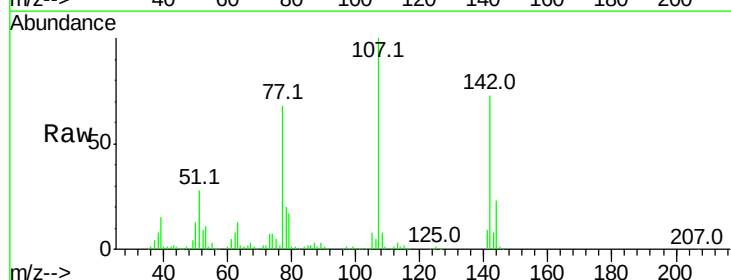
Tgt Ion:107 Resp: 432307

Ion Ratio Lower Upper

107 100

144 22.8 23.3 34.9#

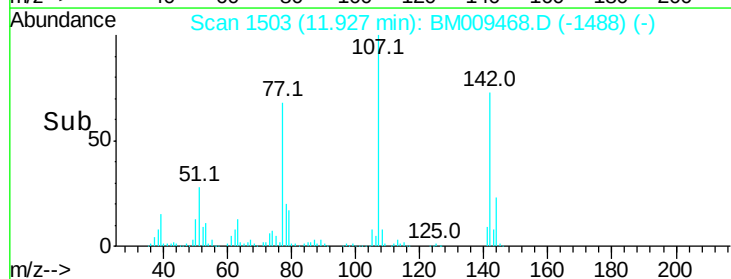
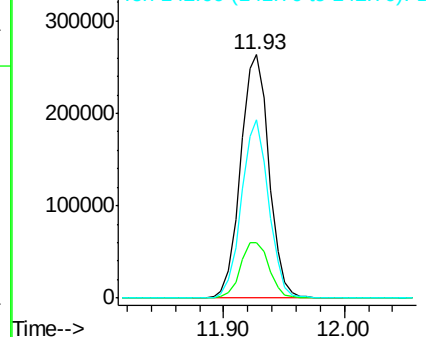
142 73.2 72.6 109.0

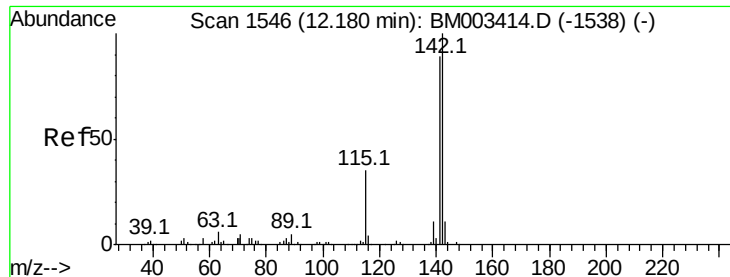


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





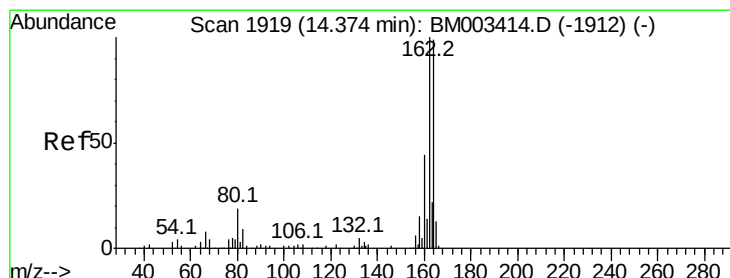
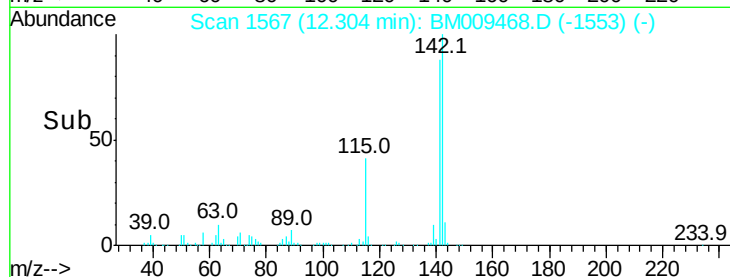
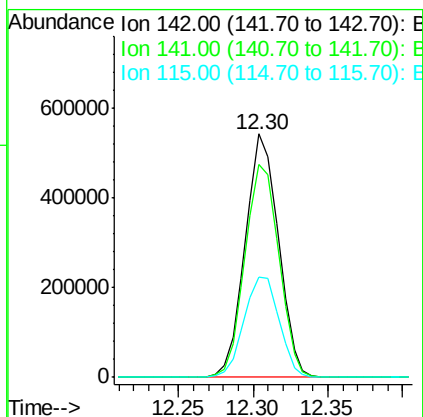
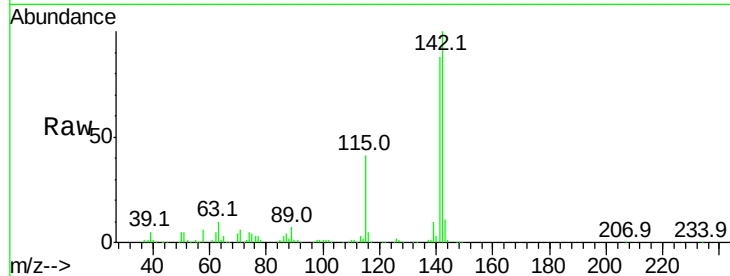
#37
2-Methylnaphthalene
Concen: 46.17 ng
RT: 12.30 min Scan# 1567
Delta R.T. -0.02 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.9	107.9
115	41.4	25.4	38.0

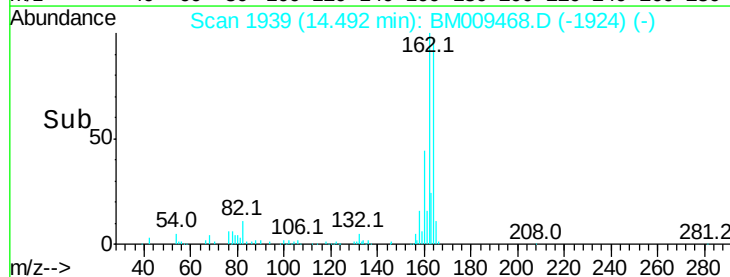
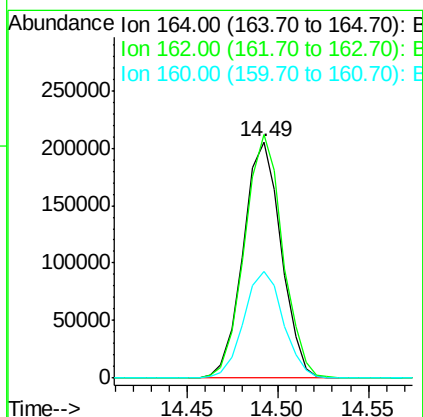
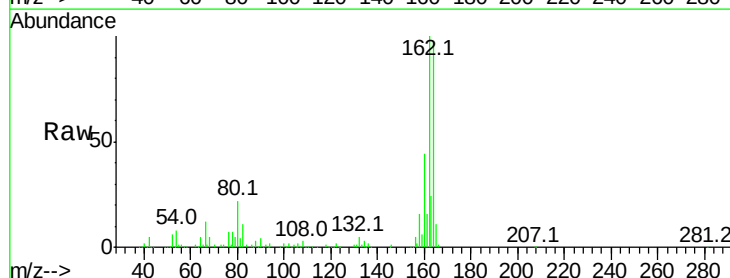
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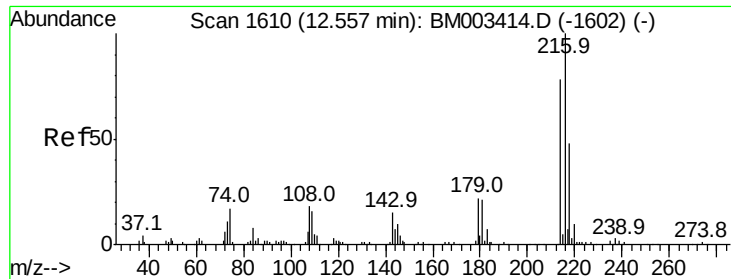
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	45.1	35.8	53.6





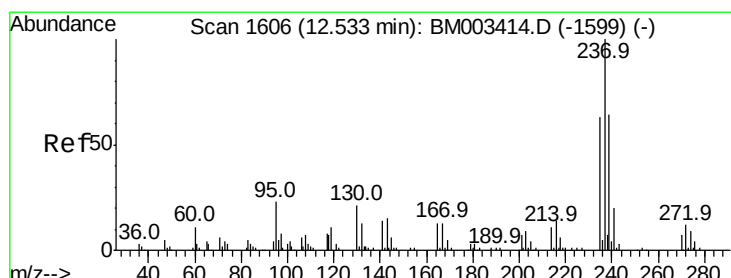
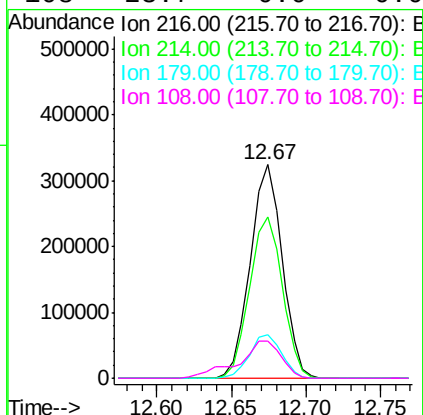
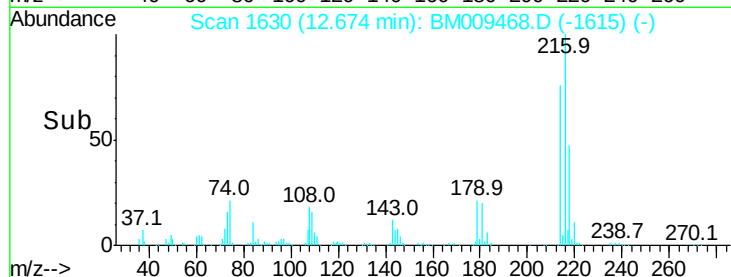
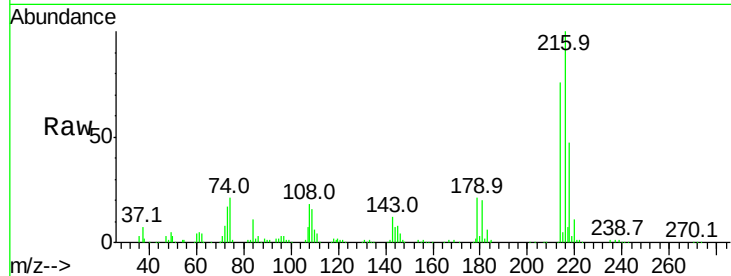
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.34 ng
 RT: 12.67 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Instrument :
 BNA_M
 ClientSampleId :
 PB97831BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	478726		
214	77.9	0.0	0.0	0.0#
179	20.7	0.0	0.0	0.0#
108	23.7	0.0	0.0	0.0#

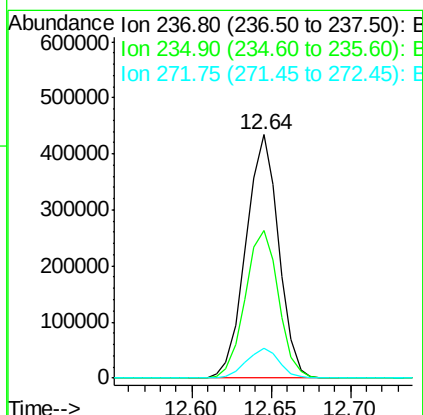
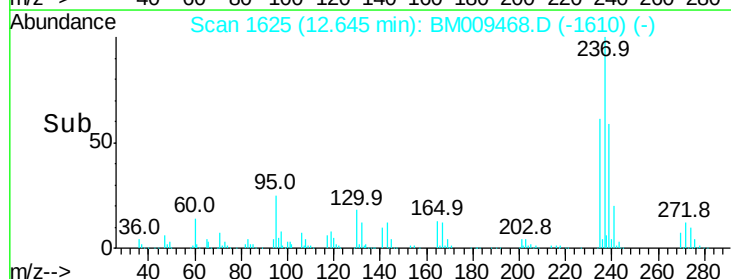
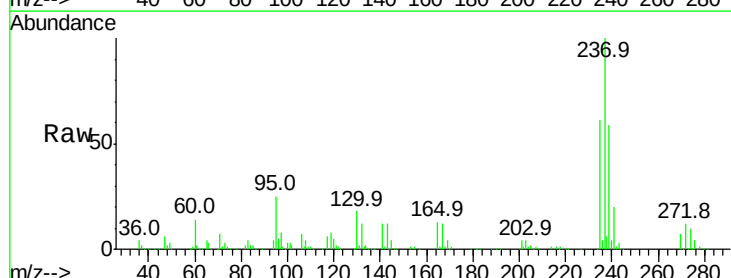
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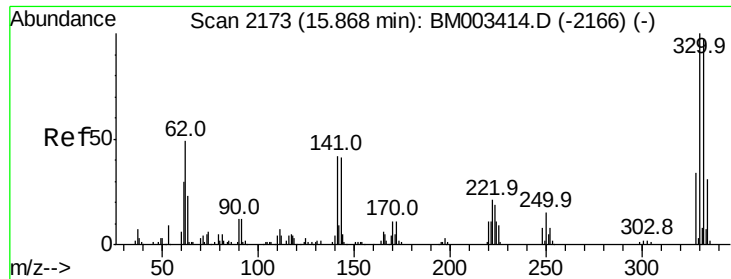
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#40
 Hexachlorocyclopentadiene
 Concen: 95.82 ng
 RT: 12.64 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	621851		
235	60.9	42.0	82.0	
272	12.1	0.0	33.4	





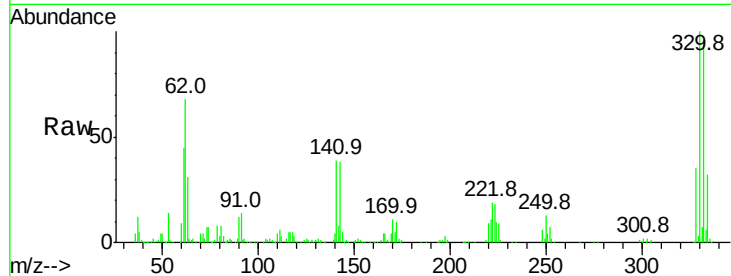
#41
 2,4,6-Tribromophenol
 Concen: 163.94 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Instrument :
 BNA_M
 ClientSampleId :
 PB97831BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	40.9	0.0	0.0#

Manual Integrations
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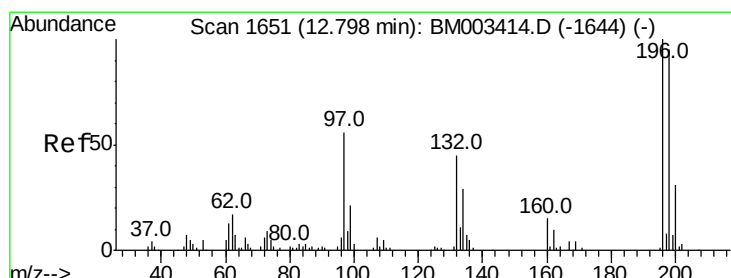
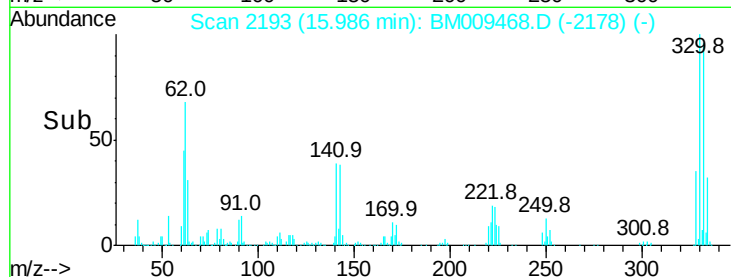
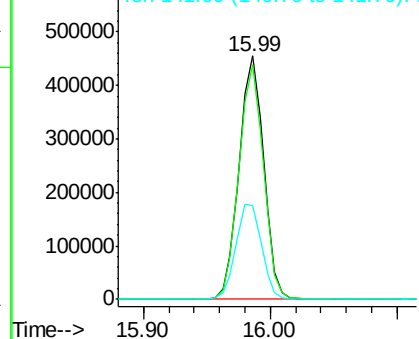


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.13 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

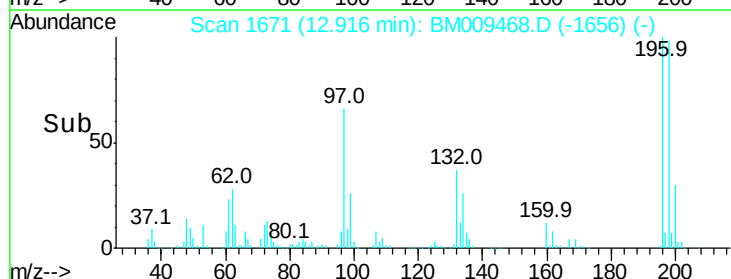
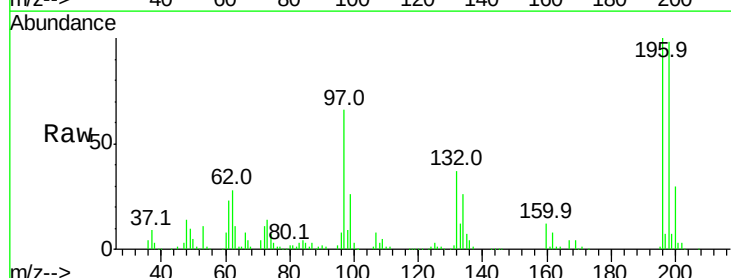
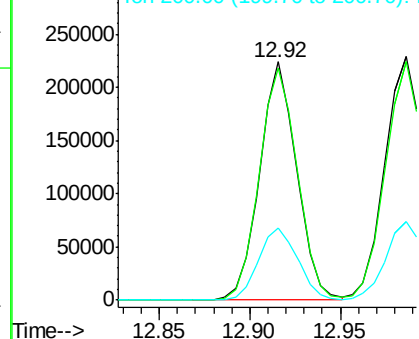
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.6	76.3	114.5
200	30.2	25.6	38.4

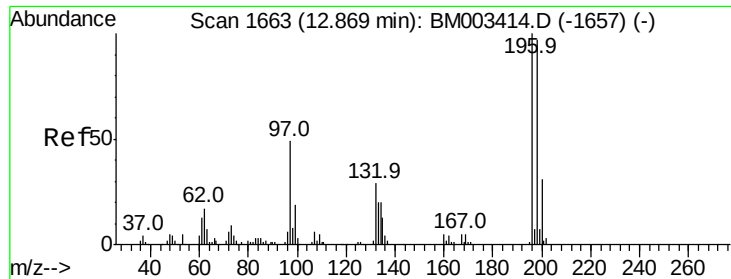
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





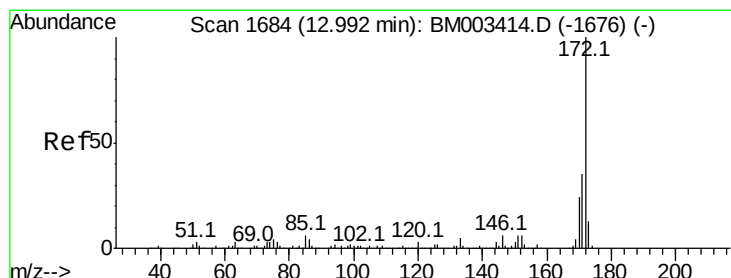
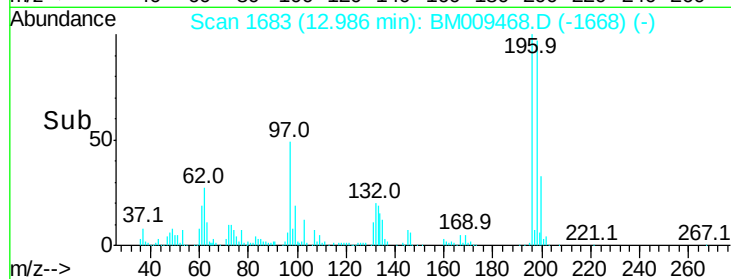
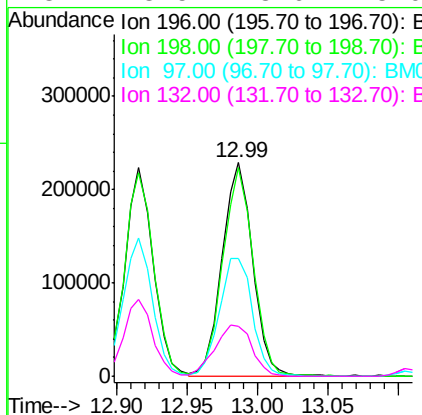
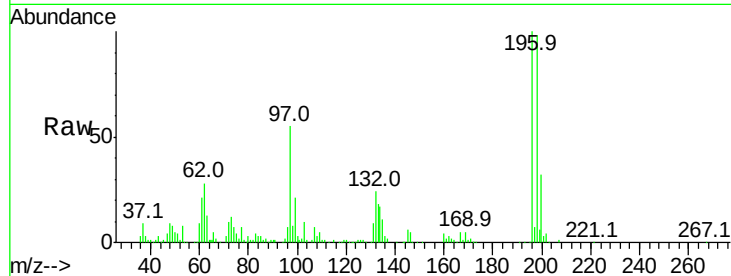
#43
 2,4,5-Trichlorophenol
 Concen: 47.86 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Instrument :
 BNA_M
 ClientSampleId :
 PB97831BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	345265		
198	97.8	79.4	119.0	
97	54.9	26.8	40.2	
132	23.5	18.6	28.0	

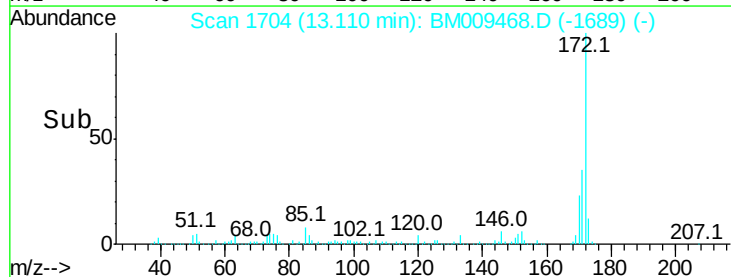
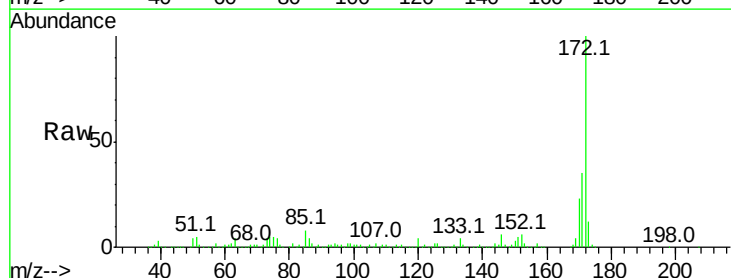
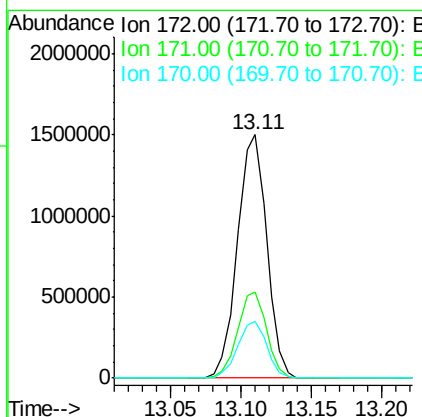
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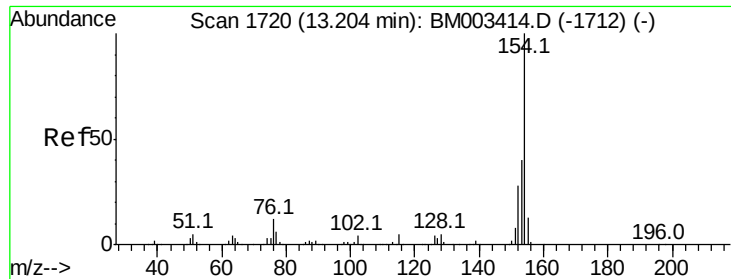
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 87.45 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2173543		
171	35.3	28.5	42.7	
170	23.1	18.8	28.2	





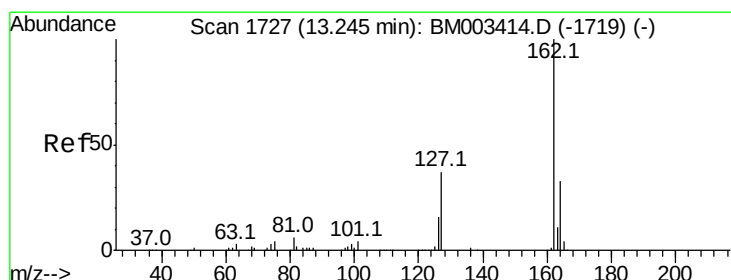
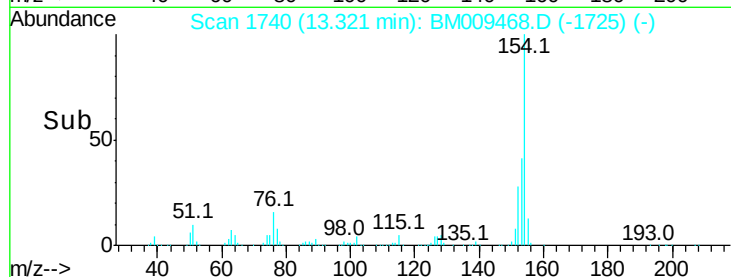
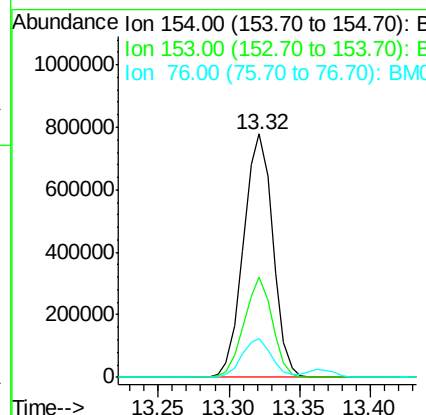
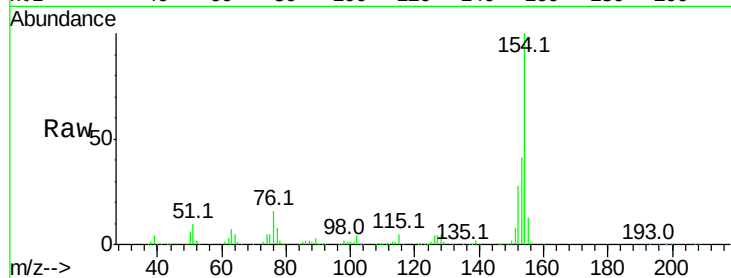
#45
1,1'-Biphenyl
Concen: 45.44 ng
RT: 13.32 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampled :
PB97831BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.7	60.7
76	16.0	0.0	30.9

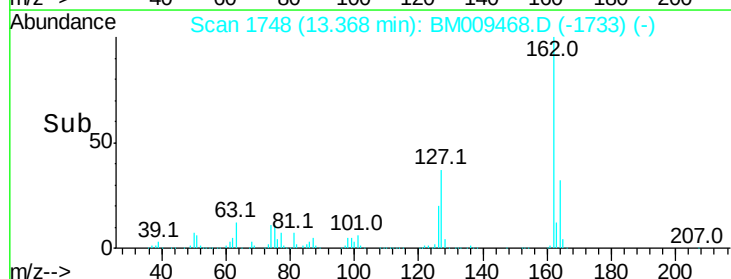
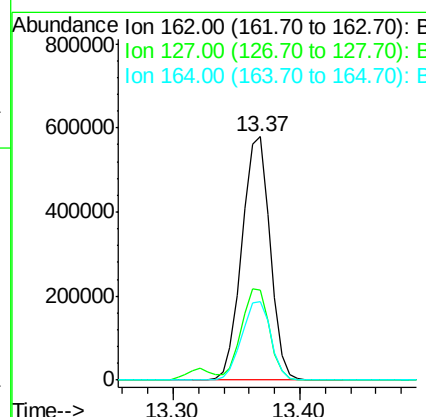
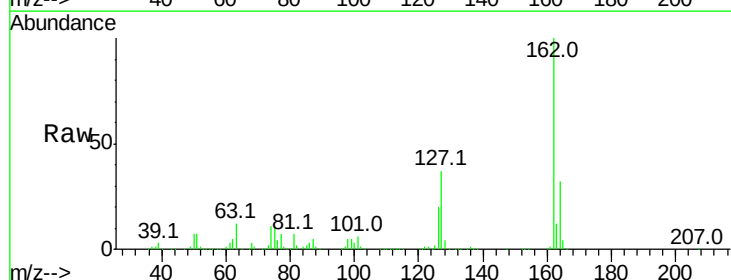
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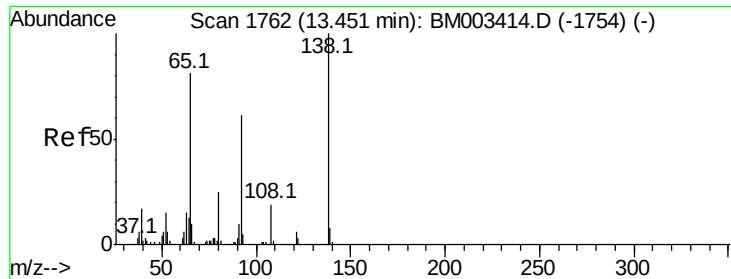
mohammad
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#46
2-Chloronaphthalene
Concen: 45.98 ng
RT: 13.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.8	26.9	40.3
164	32.0	26.8	40.2





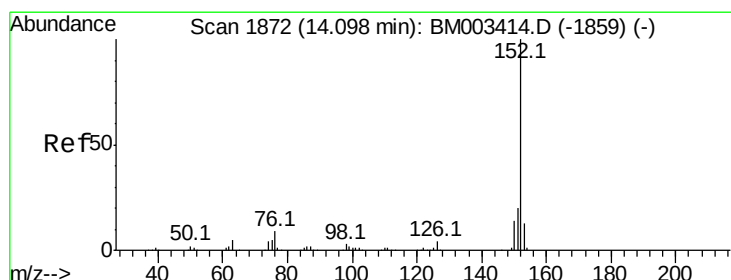
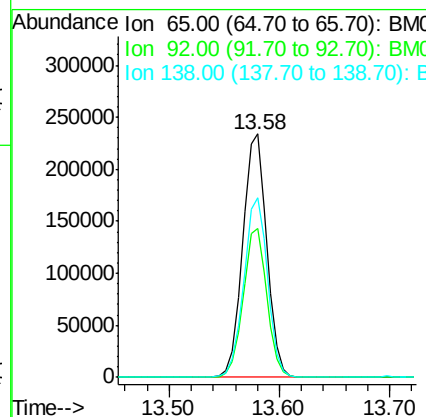
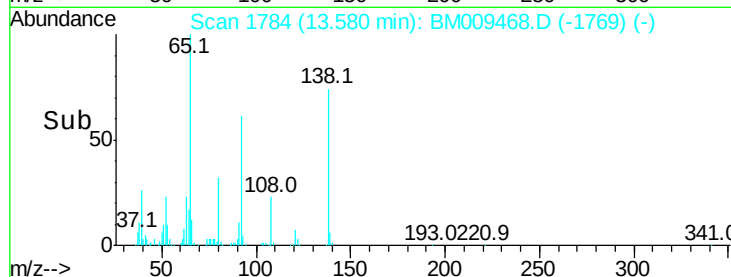
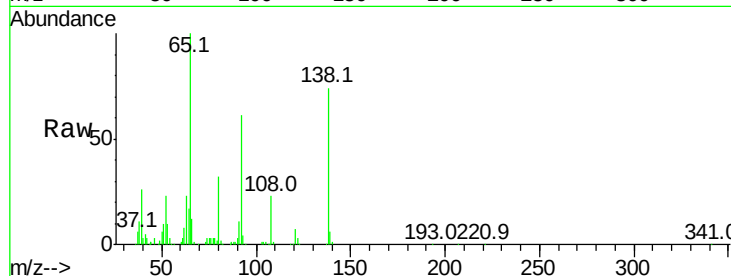
#47
2-Nitroaniline
Concen: 50.26 ng
RT: 13.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.1	59.1	88.7
138	73.9	93.9	140.9

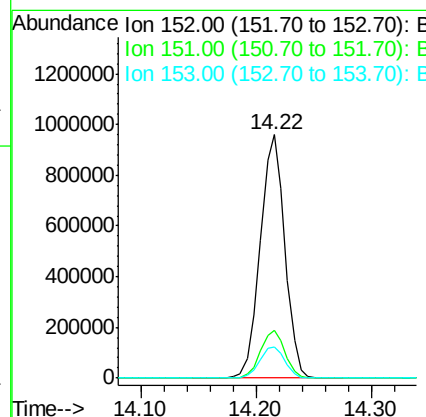
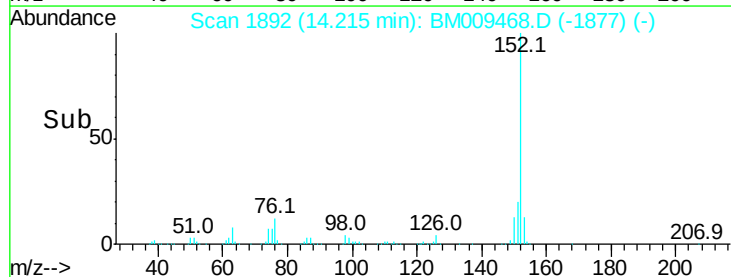
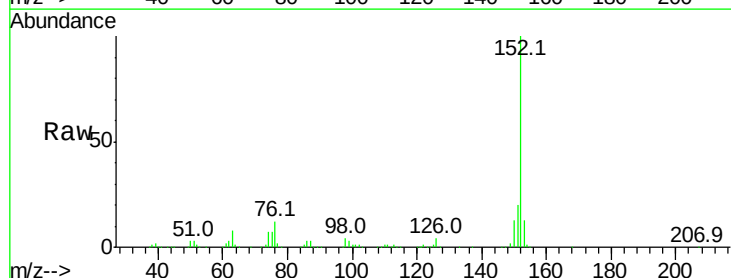
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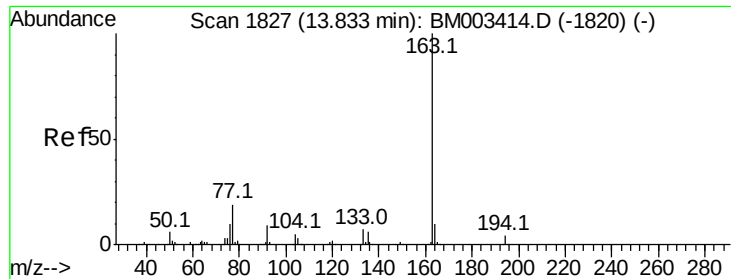
mohammad
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#48
Acenaphthylene
Concen: 45.30 ng
RT: 14.22 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	12.9	10.6	16.0





#49

Dimethylphthalate

Concen: 48.92 ng

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

ClientSampled :

PB97831BS

Tot Ion:163 Resp: 1125011

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

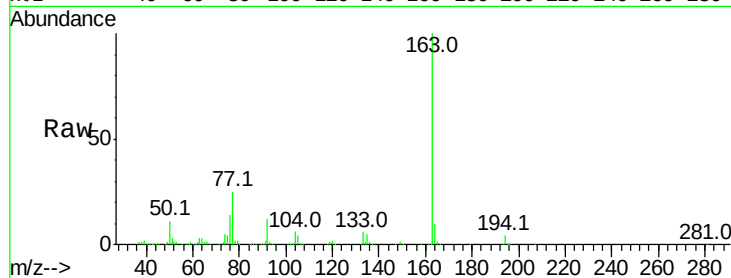
164 9.8 8.2 12.2

Manual Integrations

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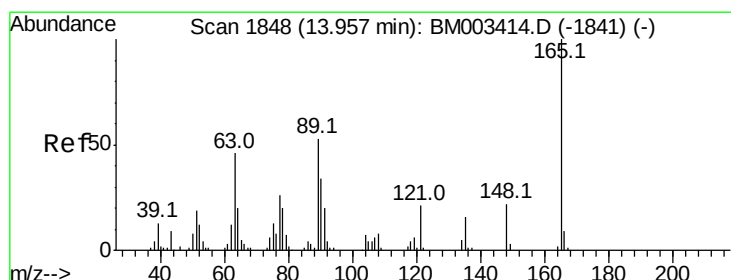
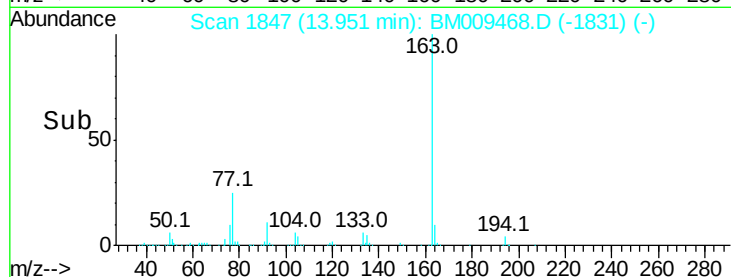
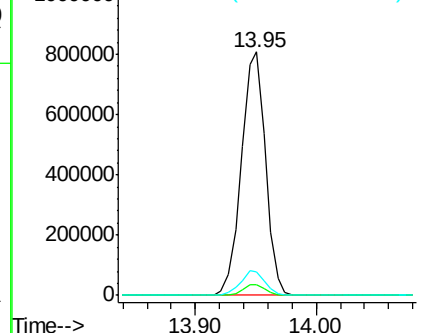
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.35 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

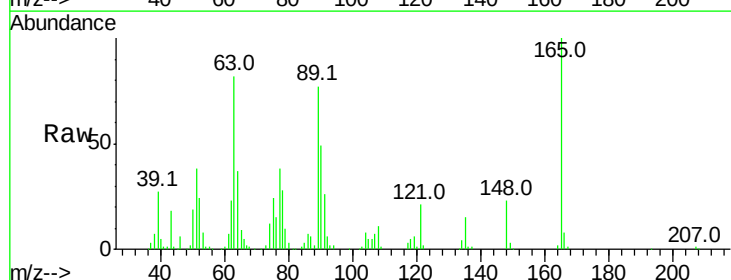
Tgt Ion:165 Resp: 244536

Ion Ratio Lower Upper

165 100

63 82.1 44.1 66.1#

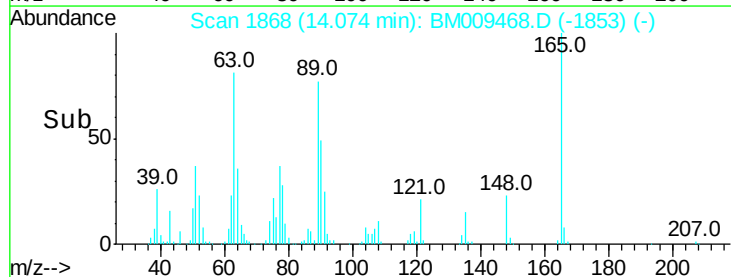
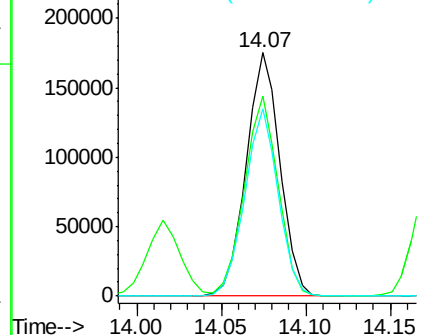
89 76.9 44.3 66.5#

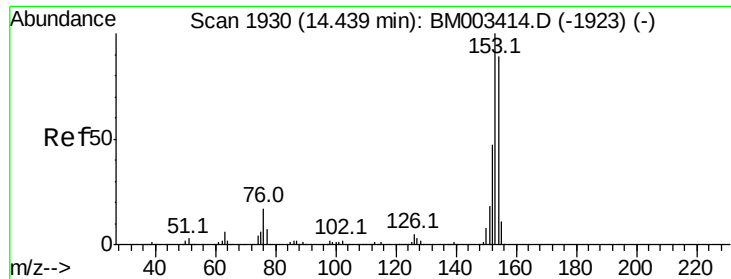


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 45.47 ng

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

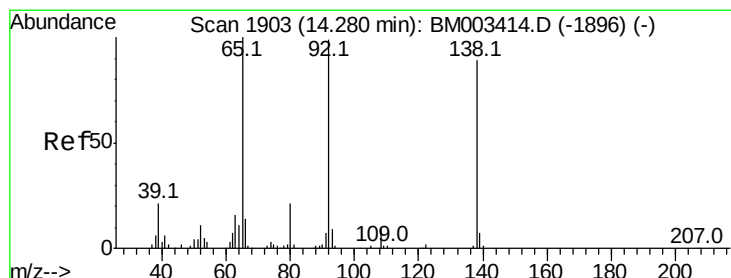
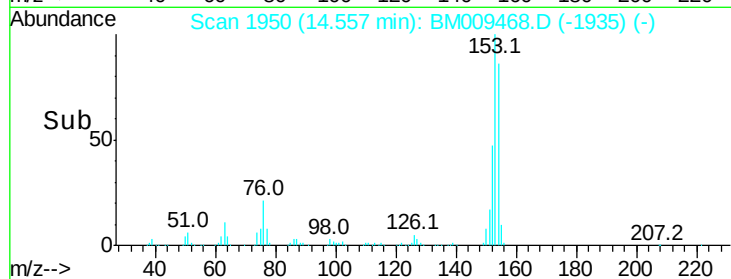
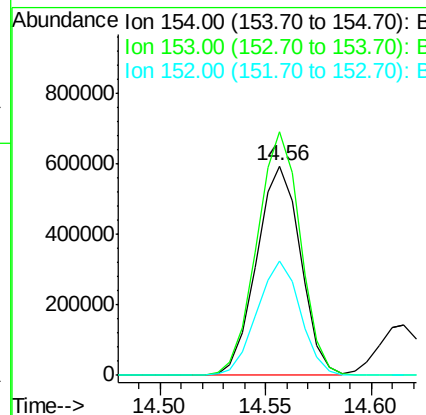
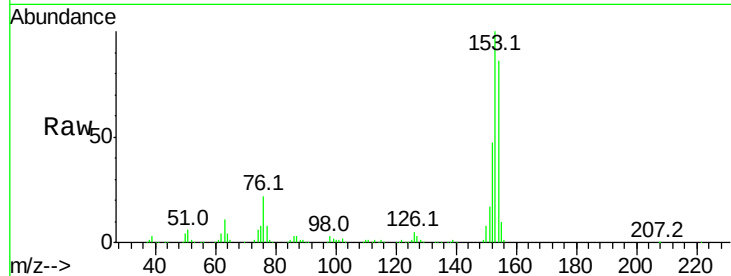
ClientSampleId :

PB97831BS

Tot Ion:	154	Resp:	865081
Ion Ratio	Lower	Upper	
154	100		
153	116.1	90.0	135.0
152	54.3	42.6	63.8

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#52

3-Nitroaniline

Concen: 29.02 ng

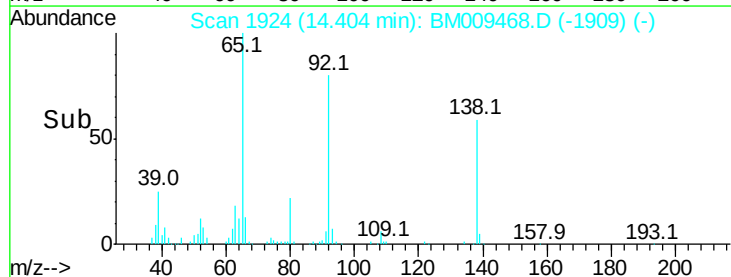
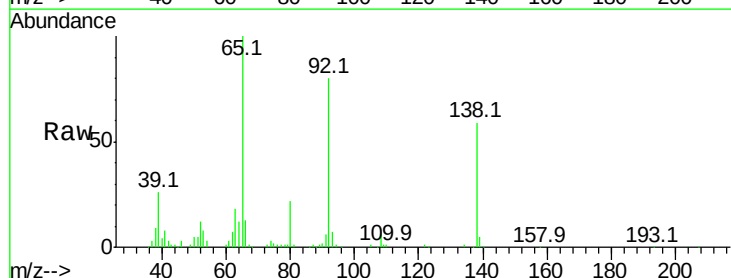
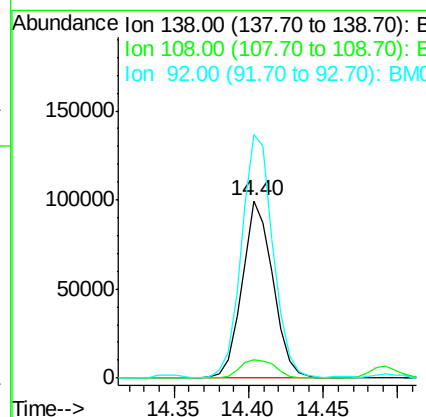
RT: 14.40 min Scan# 1924

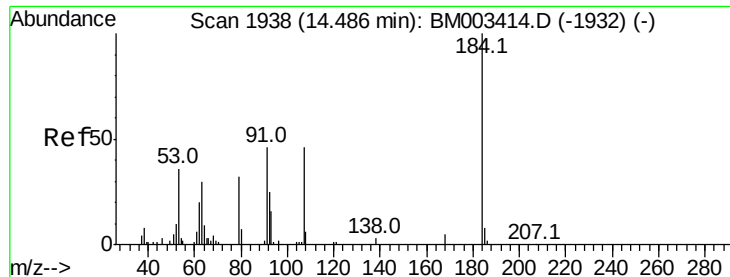
Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Tgt Ion:	138	Resp:	141669
Ion Ratio	Lower	Upper	
138	100		
108	10.3	7.3	10.9
92	137.3	76.6	114.8#





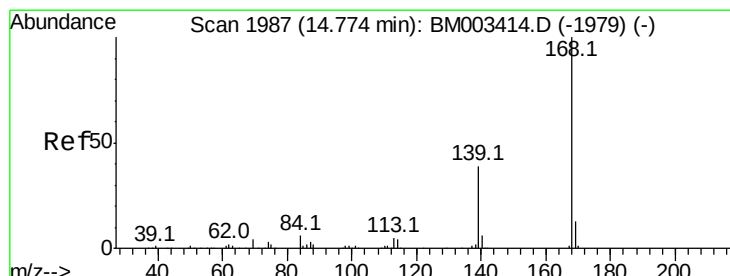
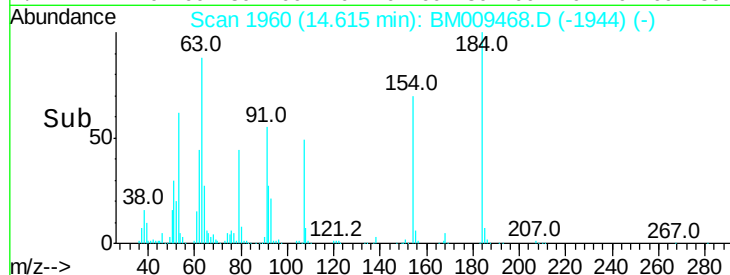
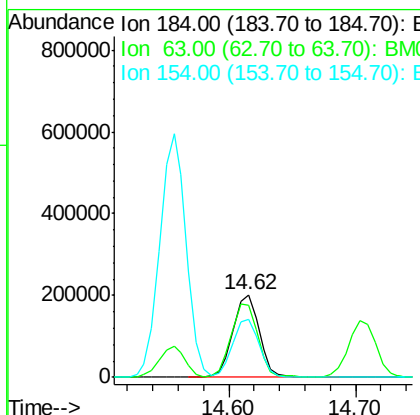
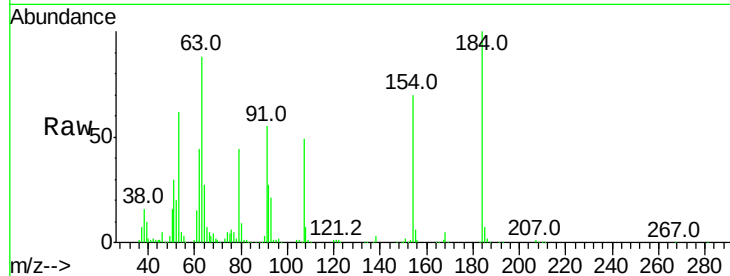
#53
2,4-Dinitrophenol
Concen: 86.20 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	289606		
63	88.1	69.2	103.8	
154	70.3	53.3	79.9	

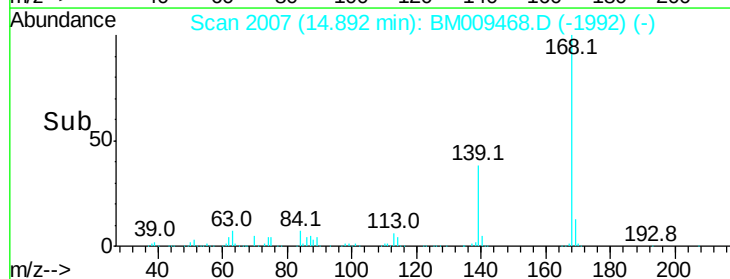
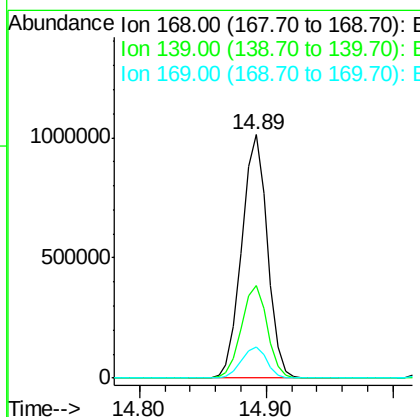
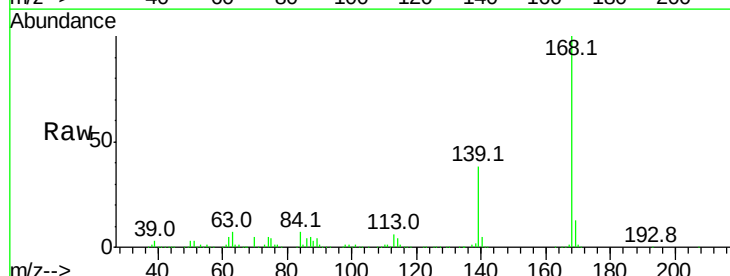
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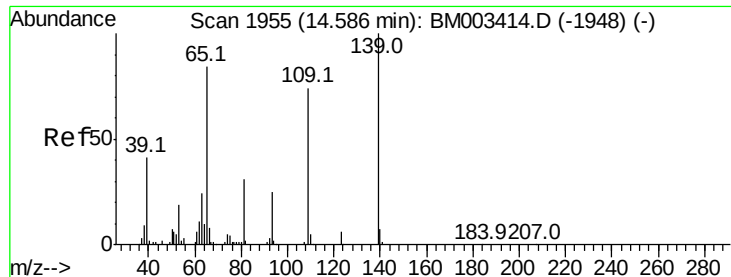
mohammad
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#54
Dibenzofuran
Concen: 50.38 ng
RT: 14.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1417539		
139	37.8	27.3	40.9	
169	12.7	10.6	16.0	





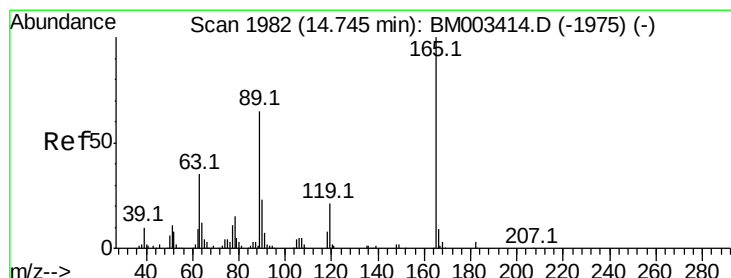
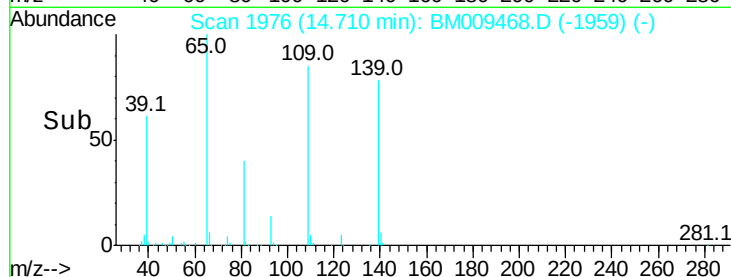
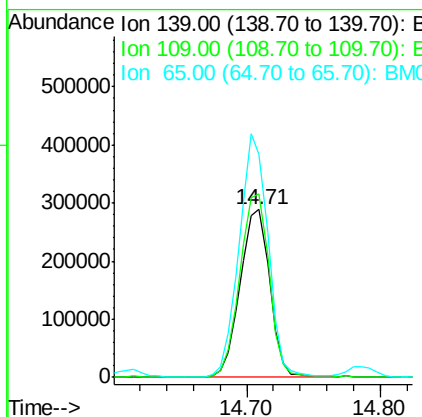
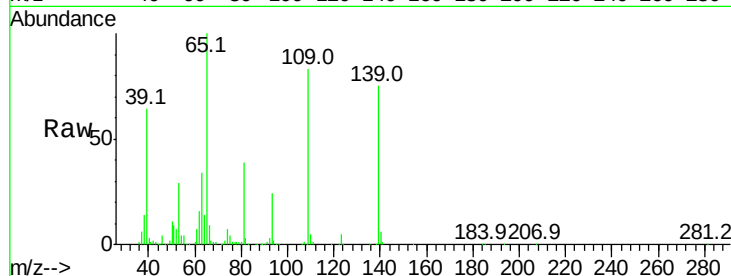
#55
4-Nitrophenol
Concen: 110.45 ng
RT: 14.71 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	109.6	37.7	77.7#
65	132.7	49.9	89.9#

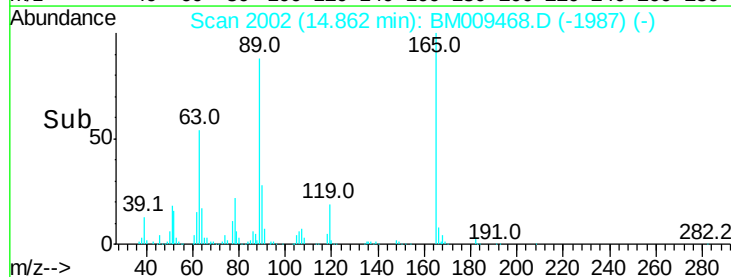
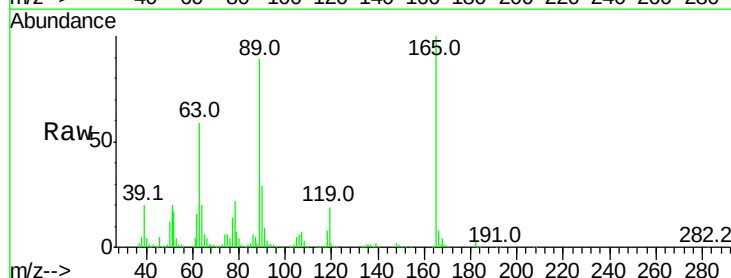
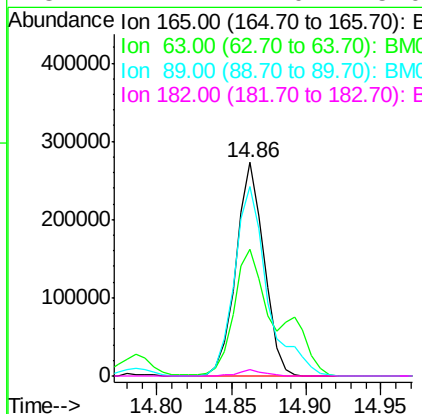
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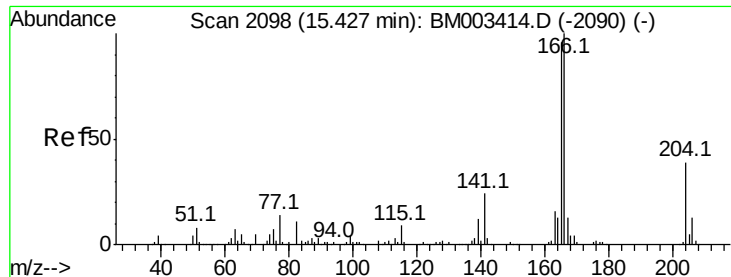
mohammad
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#56
2,4-Dinitrotoluene
Concen: 53.19 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.5	52.4	78.6
89	89.0	72.4	108.6
182	2.7	2.0	3.0





#57

Fluorene

Concen: 46.95 ng

RT: 15.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

ClientSampleId :

PB97831BS

Tot Ion:166 Resp: 1187280

Ion Ratio Lower Upper

166 100

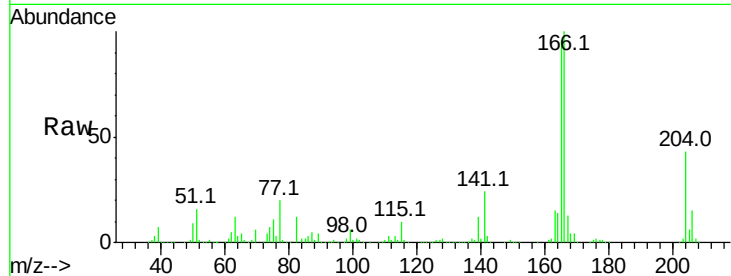
165 95.5 79.0 118.4

167 13.1 10.3 15.5

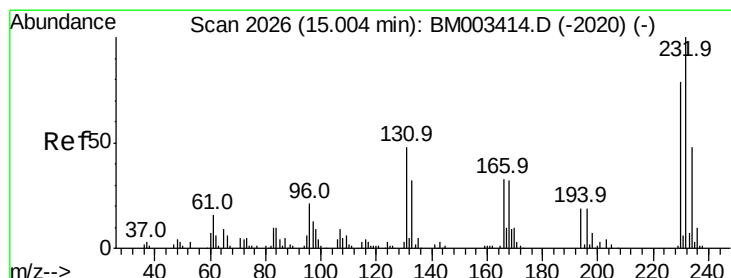
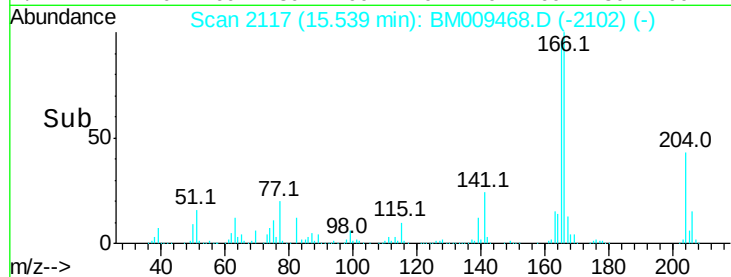
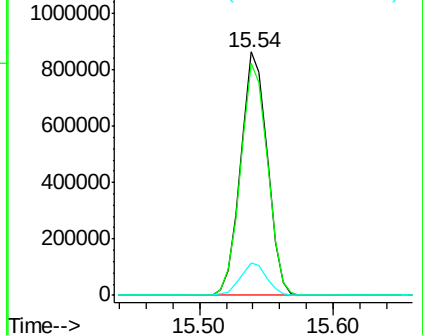
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.60 ng

RT: 15.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Tgt Ion:232 Resp: 327007

Ion Ratio Lower Upper

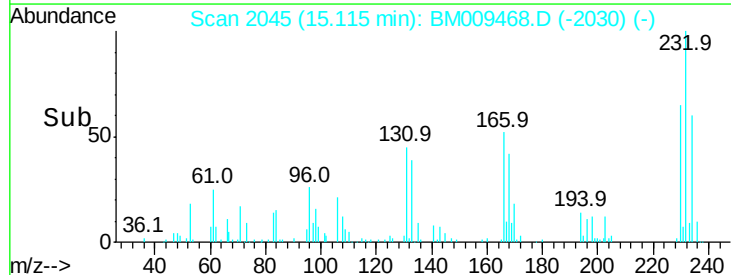
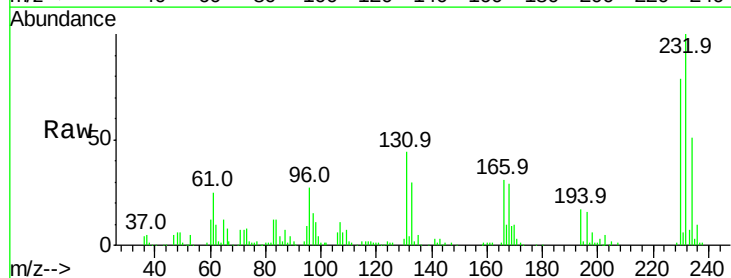
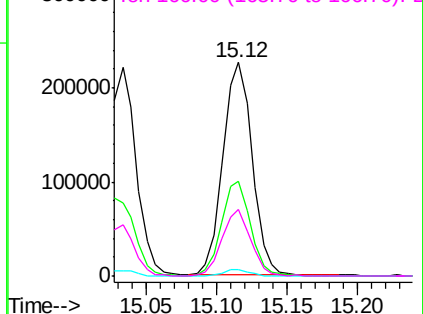
232 100

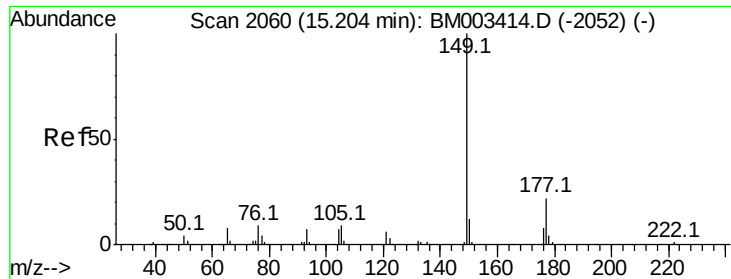
131 43.5 0.0 0.0#

130 2.8 0.0 0.0#

166 30.5 0.0 0.0#

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





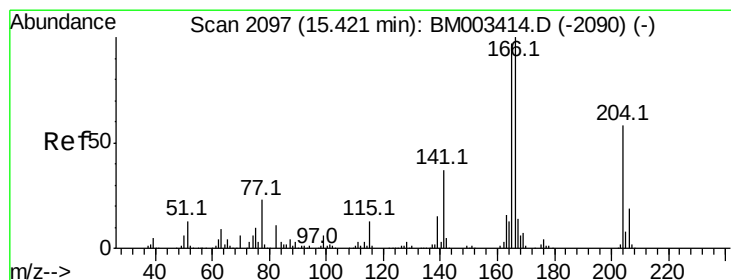
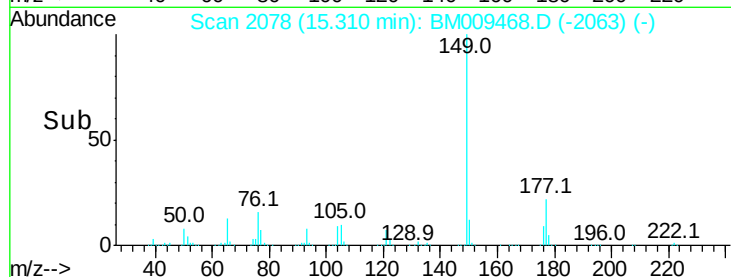
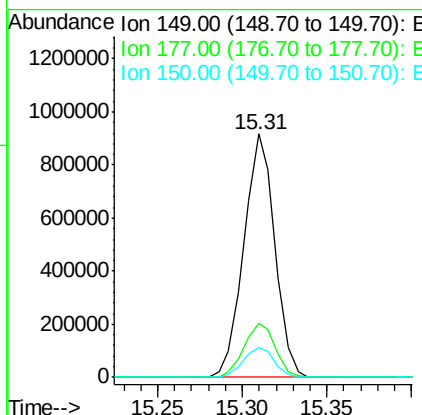
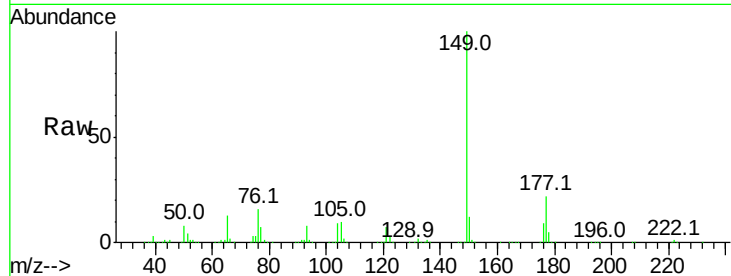
#59
Diethylphthalate
Concen: 50.26 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion:149 Resp: 1172352
Ion Ratio Lower Upper
149 100
177 22.3 18.3 27.5
150 12.3 9.8 14.8

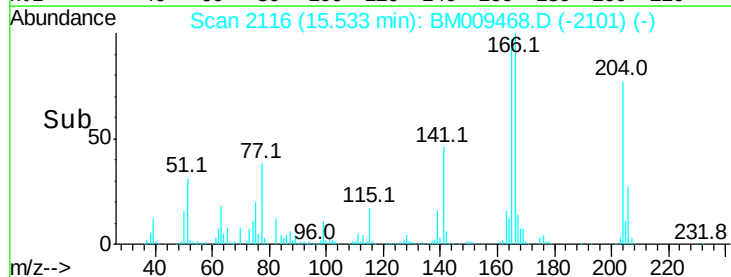
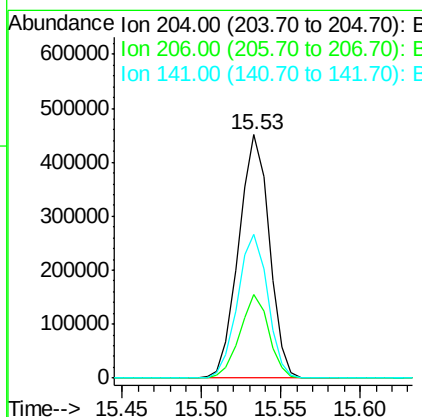
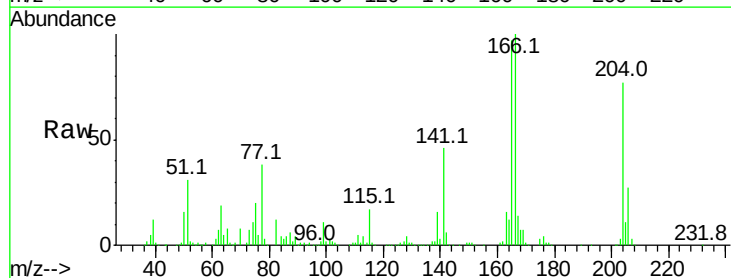
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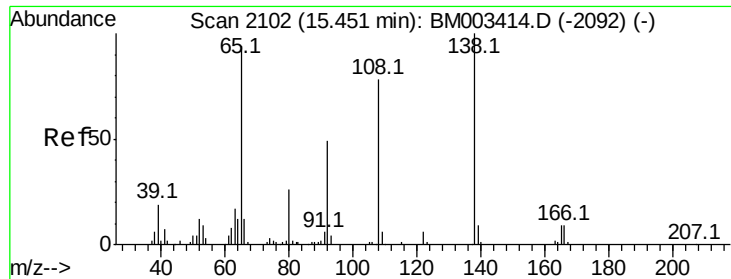
mohammad
3/31/2017 2:12:07 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.69 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion:204 Resp: 603380
Ion Ratio Lower Upper
204 100
206 34.5 26.6 39.8
141 59.1 45.2 67.8





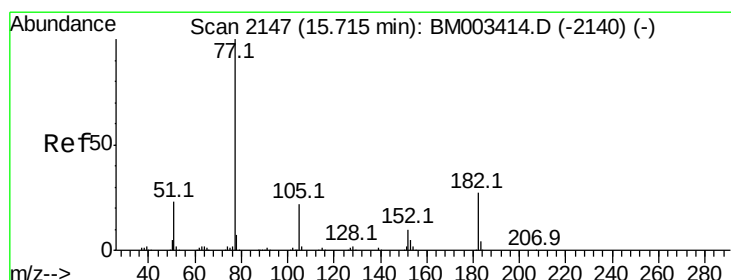
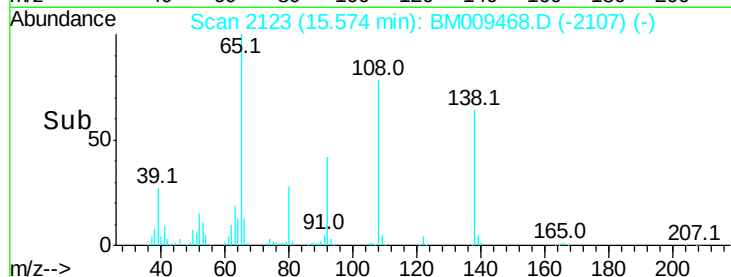
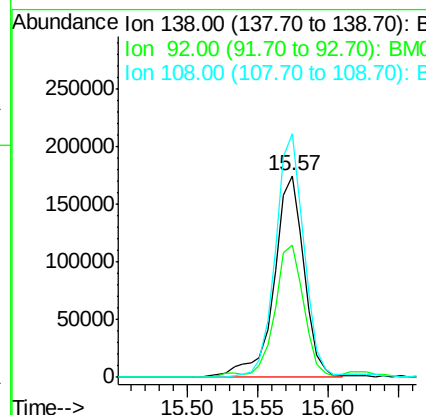
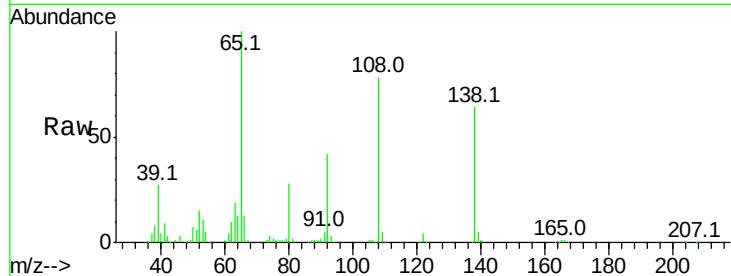
#61
4-Nitroaniline
Concen: 49.15 ng
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampled :
PB97831BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	65.8	16.7	56.7#
108	120.7	37.6	77.6#

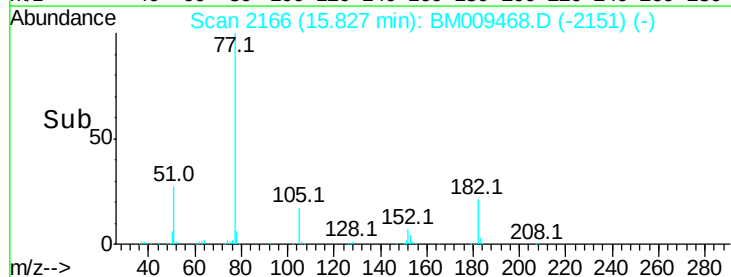
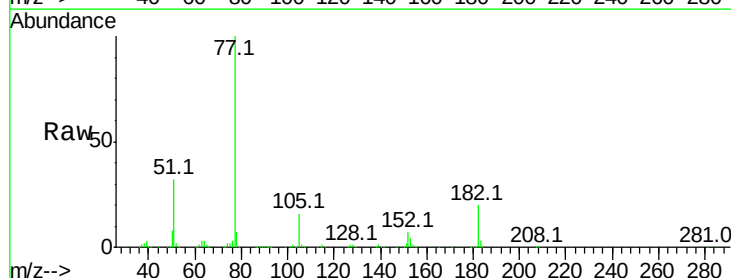
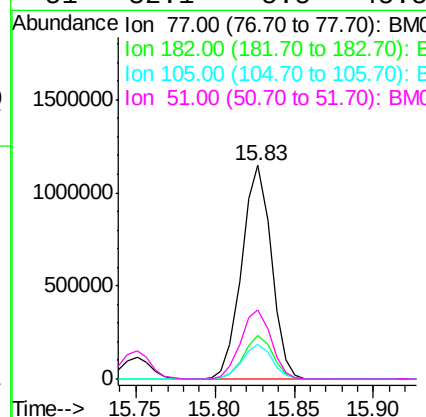
Manual Integrations
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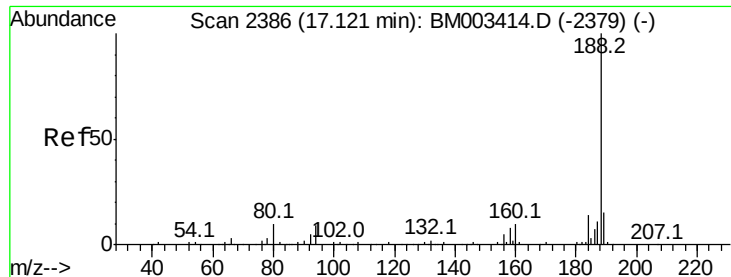
mohammad
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#62
Azobenzene
Concen: 54.56 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	6.5	46.5
105	16.3	3.8	43.8
51	32.1	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

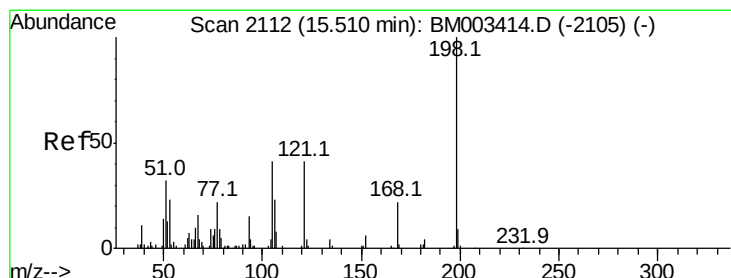
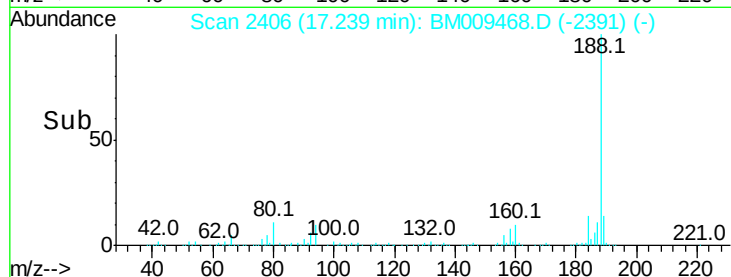
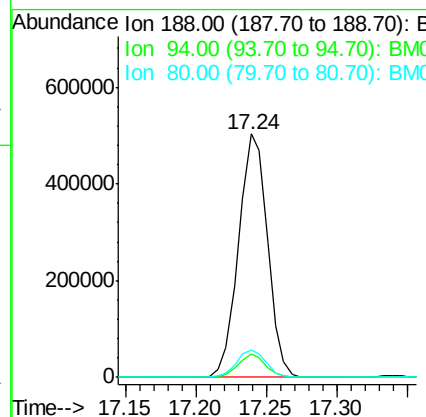
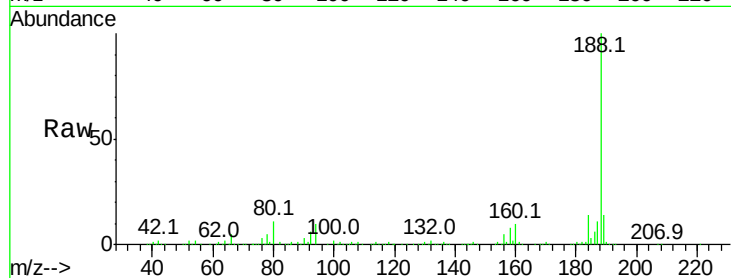
ClientSampleId :

PB97831BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	718002		
94	9.9		8.7	13.1
80	11.4		9.3	13.9

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#64

4,6-Dinitro-2-methylphenol

Concen: 47.20 ng

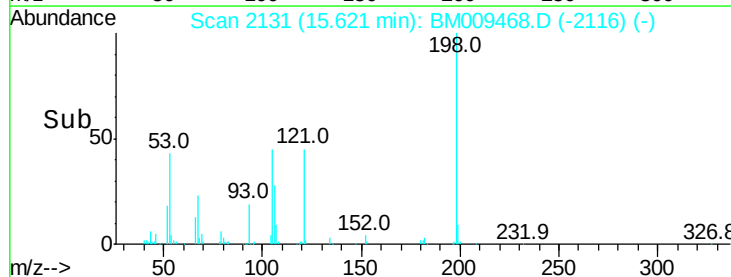
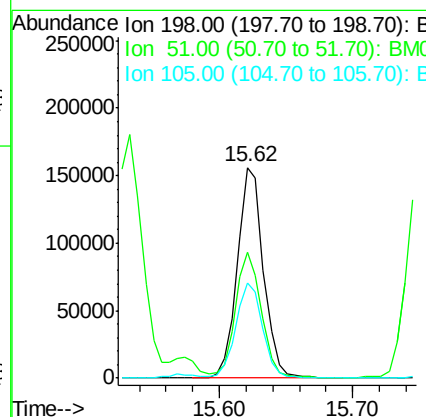
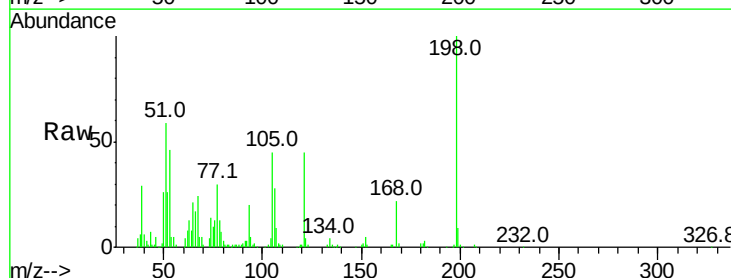
RT: 15.62 min Scan# 2131

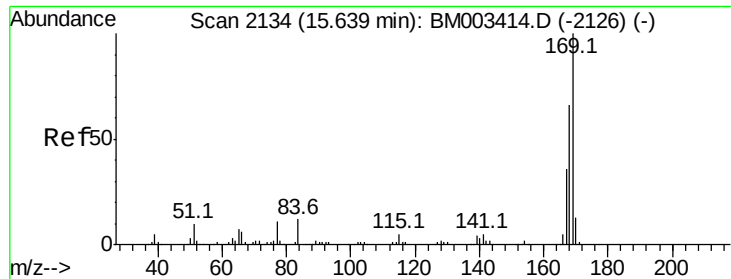
Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	213492		
51	59.5		28.8	68.8
105	45.2		30.5	70.5





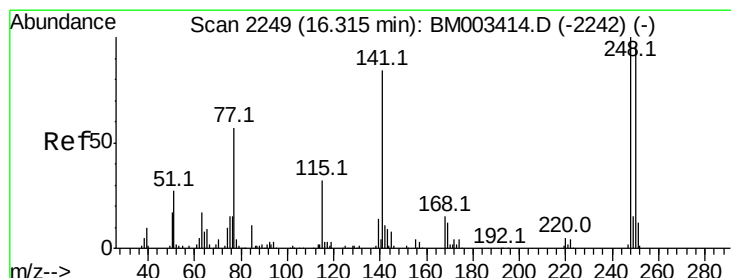
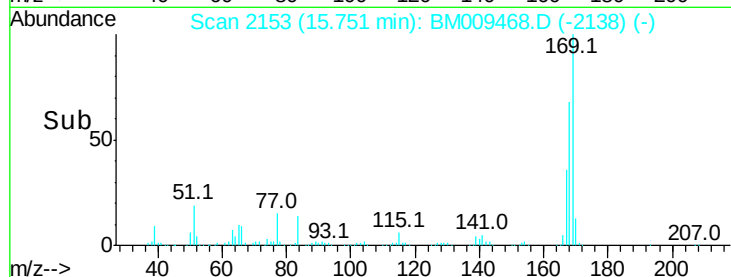
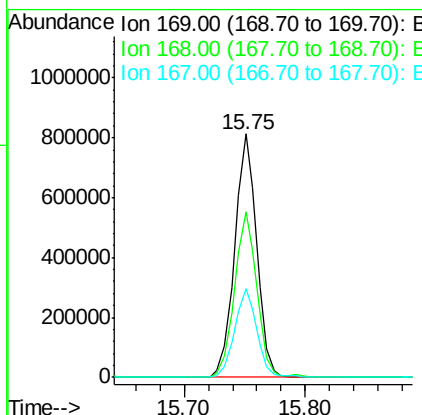
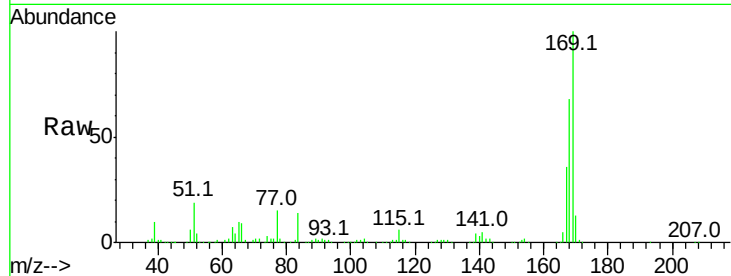
#65
 n-Nitrosodiphenylamine
 Concen: 47.17 ng
 RT: 15.75 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Instrument :
 BNA_M
 ClientSampled :
 PB97831BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.9	80.9
167	36.2	28.9	43.3

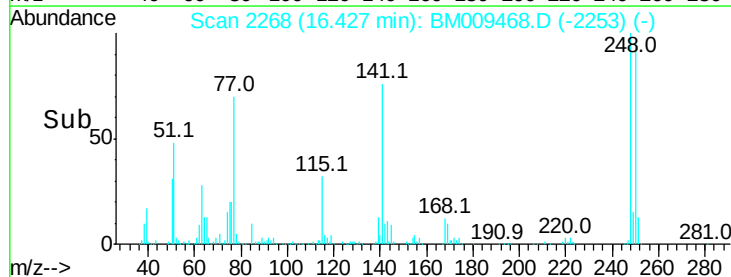
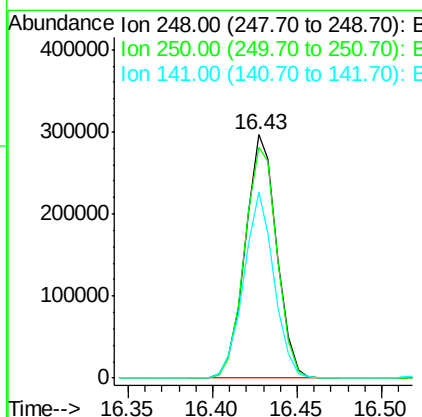
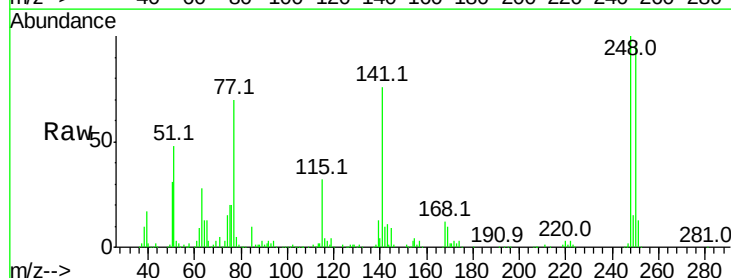
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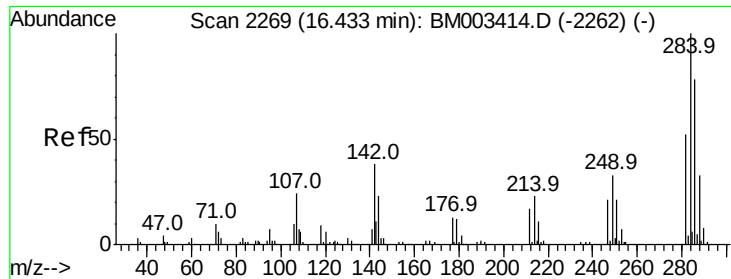
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#66
 4-Bromophenyl-phenylether
 Concen: 46.21 ng
 RT: 16.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.4	116.0
141	76.3	45.2	67.8





#67

Hexachlorobenzene

Concen: 44.73 ng

RT: 16.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

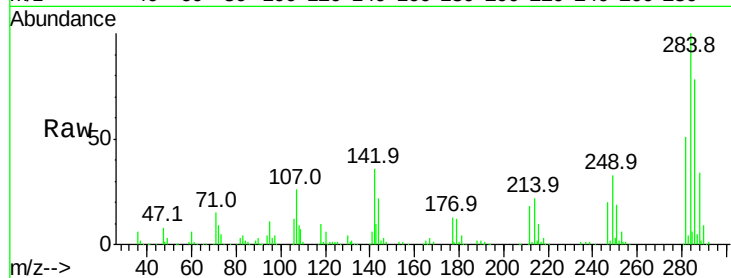
ClientSampleId :

PB97831BS

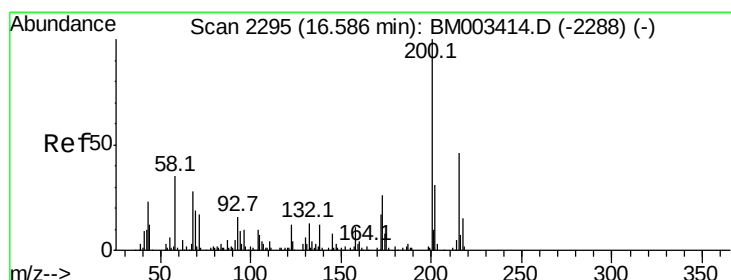
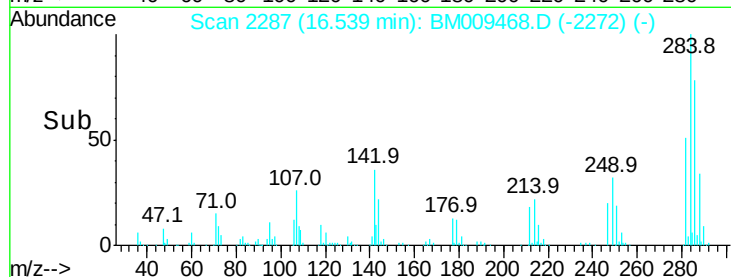
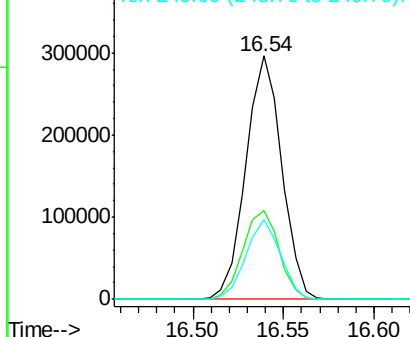
Tot Ion:	284	Resp:	407880
Ion Ratio	Lower	Upper	
284	100		
142	36.2	20.4	30.6#
249	33.0	23.8	35.6

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



#68

Atrazine

Concen: 45.44 ng

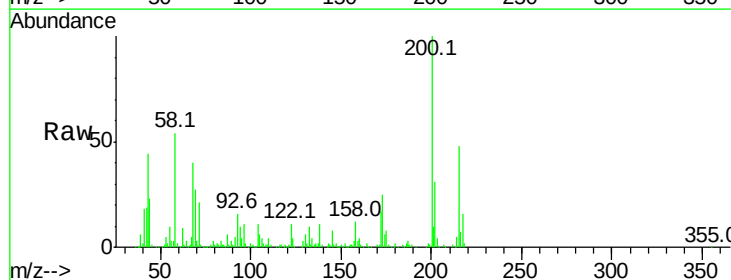
RT: 16.70 min Scan# 2314

Delta R.T. -0.01 min

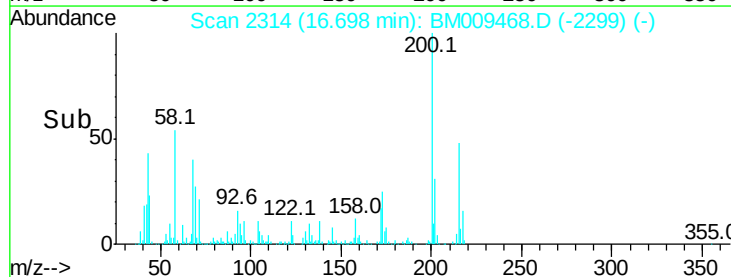
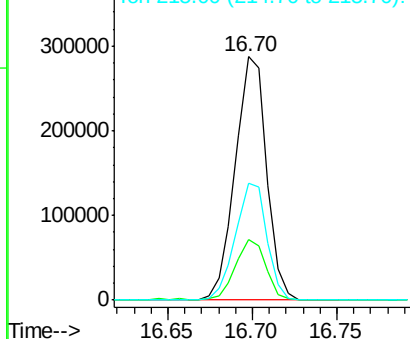
Lab File: BM009468.D

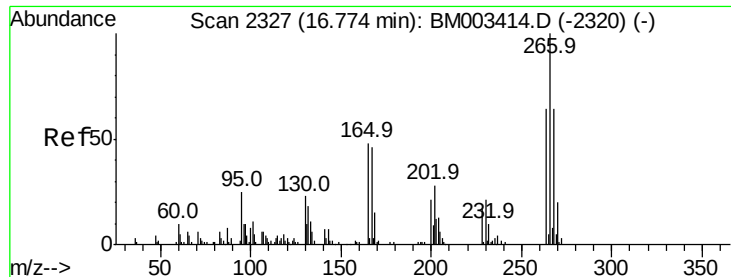
Acq: 31 Mar 2017 03:52

Tgt Ion:	200	Resp:	372750
Ion Ratio	Lower	Upper	
200	100		
173	24.8	4.8	44.8
215	47.9	26.9	66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





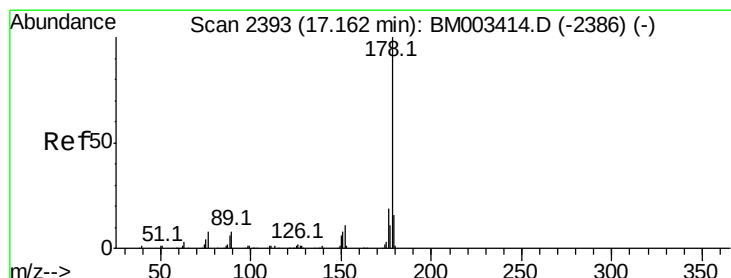
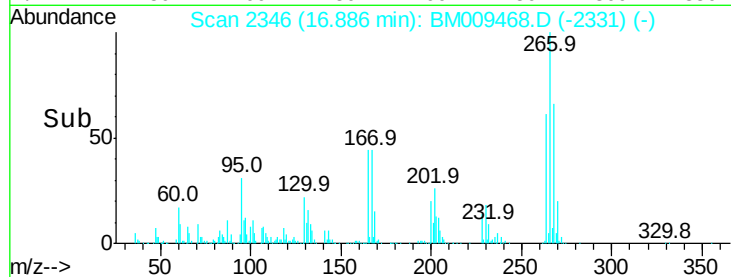
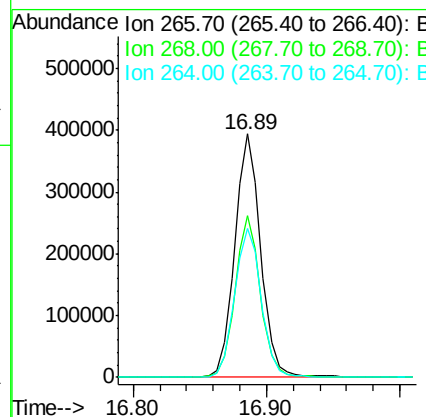
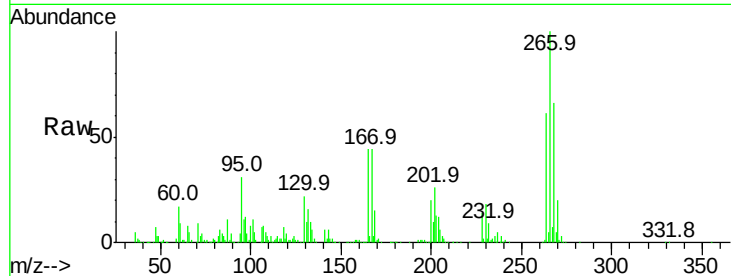
#69
 Pentachlorophenol
 Concen: 95.95 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Instrument :
 BNA_M
 ClientSampleID :
 PB97831BS

Tot Ion:	266	Resp:	534472
Ion Ratio	Lower	Upper	
266	100		
268	66.5	52.0	78.0
264	60.9	49.0	73.4

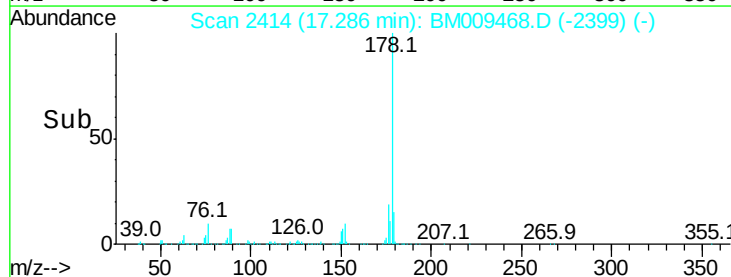
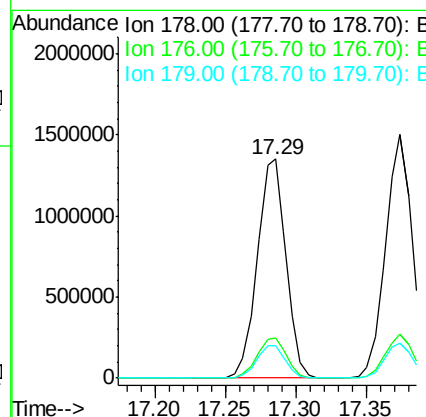
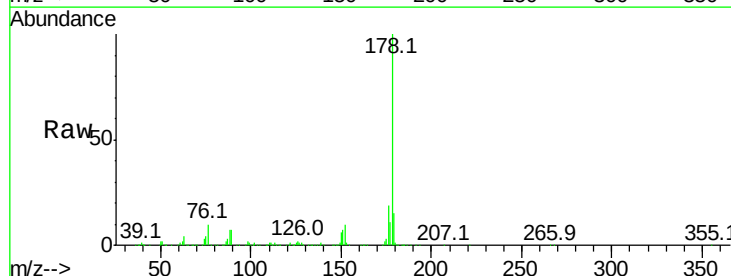
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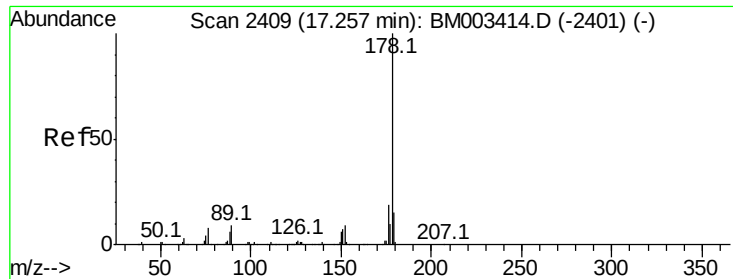
mohammad
 3/31/2017 2:12:07 PM



#70
 Phenanthrene
 Concen: 46.83 ng
 RT: 17.29 min Scan# 2414
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Tgt Ion:	178	Resp:	1922627
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.2	22.8
179	15.0	12.1	18.1





#71

Anthracene

Concen: 47.94 ng

RT: 17.37 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

ClientSampleId :

PB97831BS

Tot Ion:178 Resp: 1992931

Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

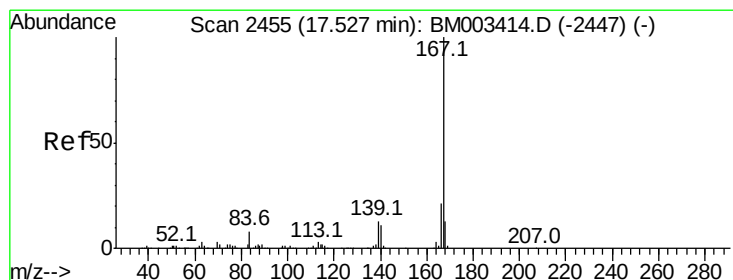
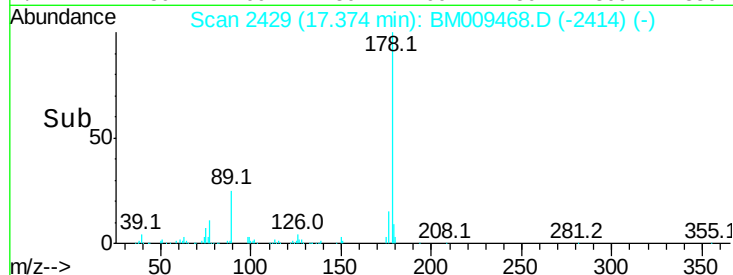
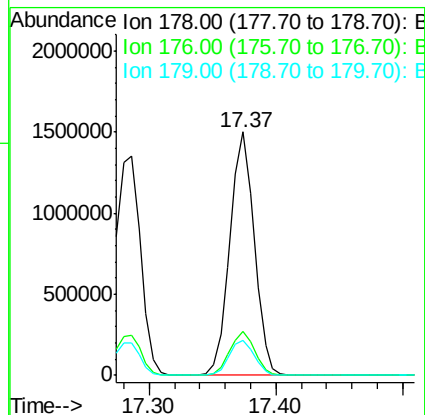
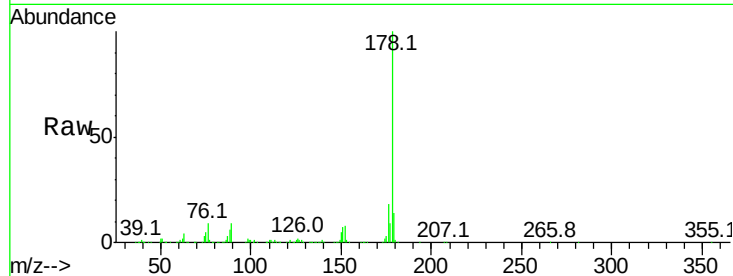
179 14.4 12.6 19.0

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#72

Carbazole

Concen: 45.32 ng

RT: 17.64 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

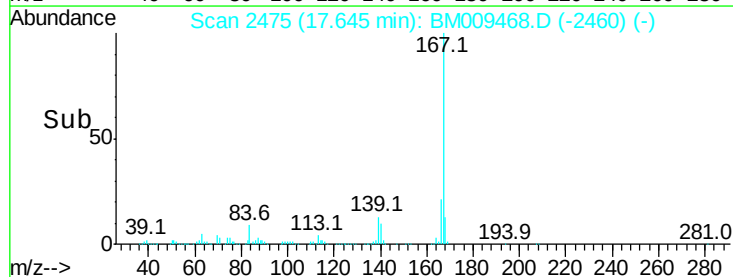
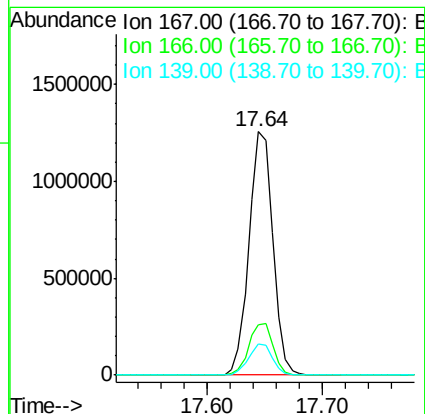
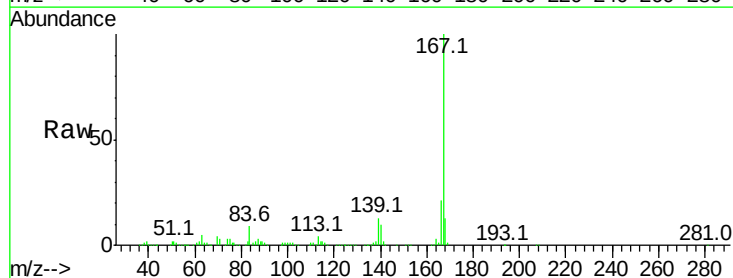
Tgt Ion:167 Resp: 1804221

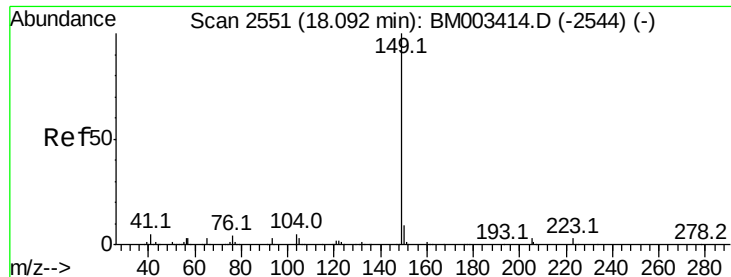
Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

139 13.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 51.49 ng

RT: 18.20 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

ClientSampleId :

PB97831BS

Tot Ion:149 Resp: 2093919

Ion Ratio Lower Upper

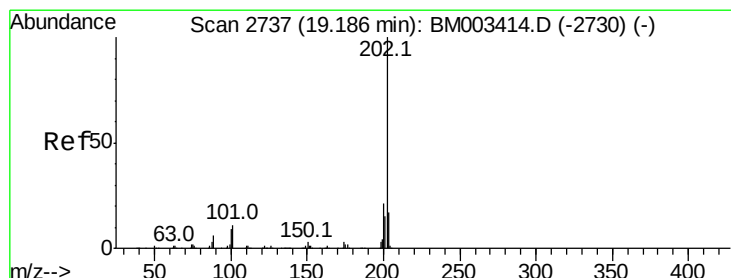
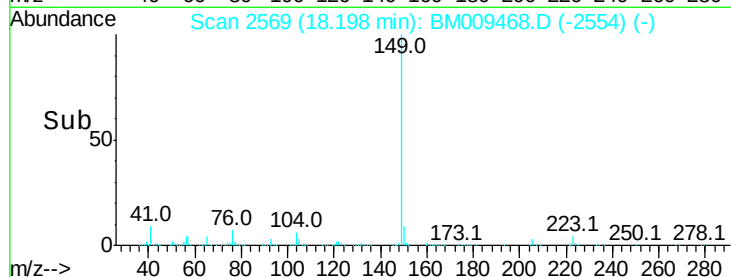
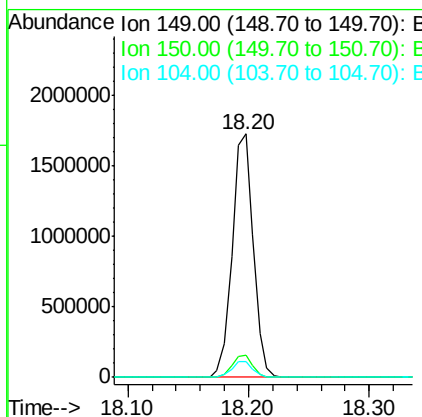
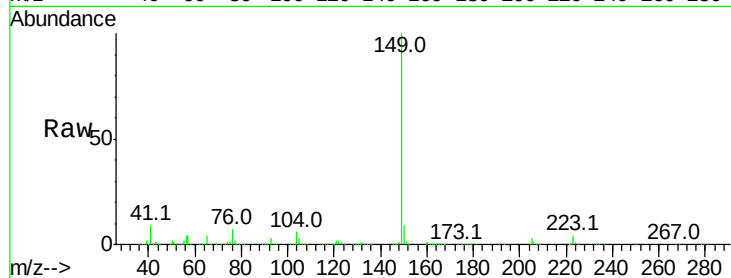
149 100

150 9.2 7.5 11.3

104 6.4 3.7 5.5#

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#74

Fluoranthene

Concen: 49.50 ng

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

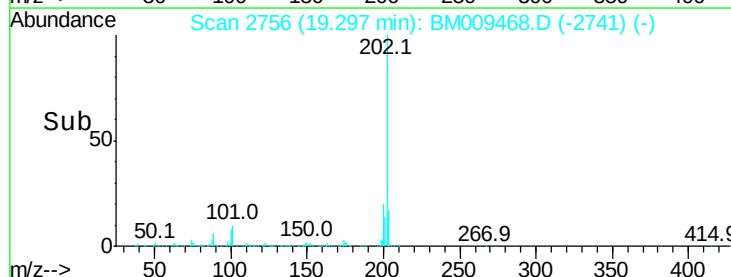
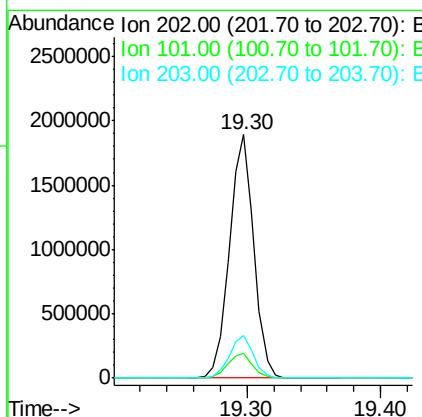
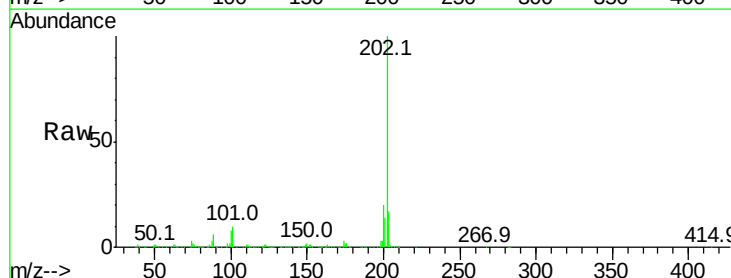
Tgt Ion:202 Resp: 2407235

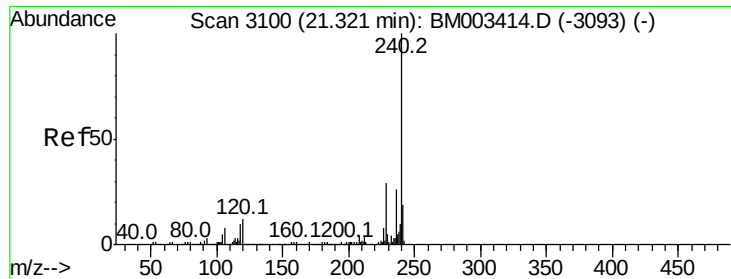
Ion Ratio Lower Upper

202 100

101 10.0 0.0 28.7

203 17.5 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

ClientSampleId :

PB97831BS

Tot Ion:240 Resp: 1002198

Ion Ratio Lower Upper

240 100

120 7.7 8.2 12.2#

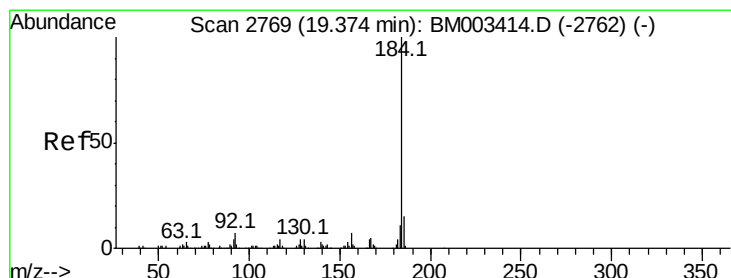
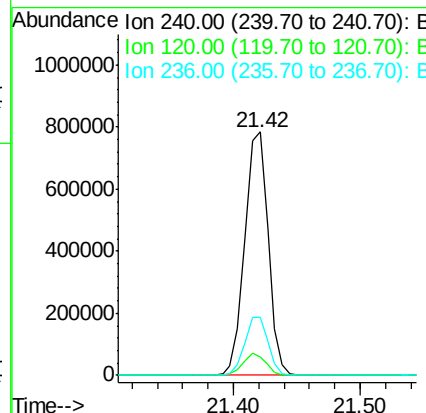
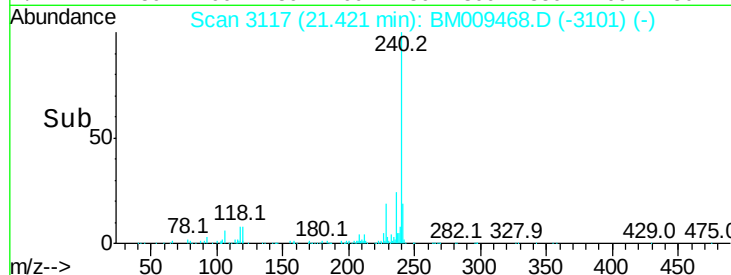
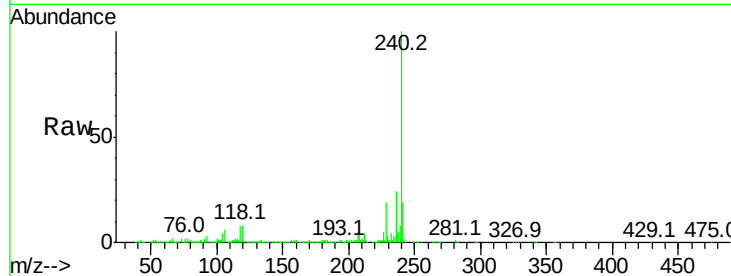
236 23.8 20.0 30.0

Manual Integrations

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#76

Benzidine

Concen: 32.49 ng

RT: 19.49 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

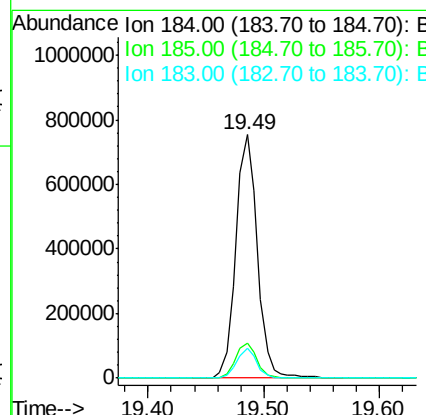
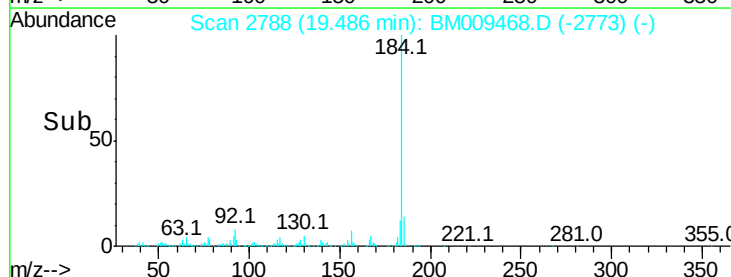
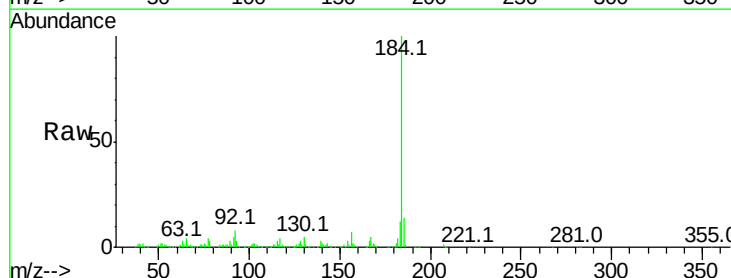
Tgt Ion:184 Resp: 970363

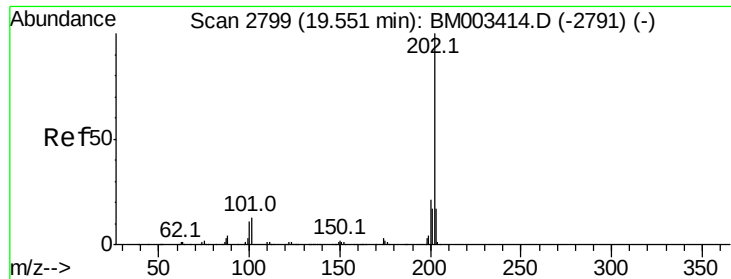
Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

183 12.1 8.9 13.3





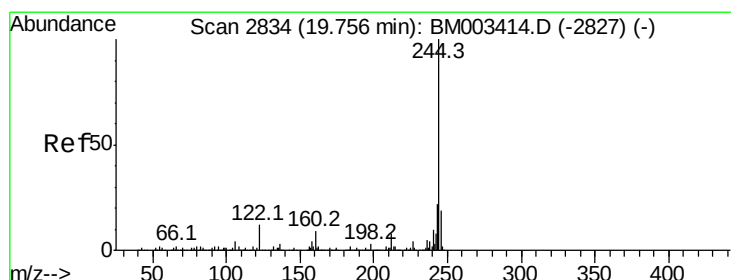
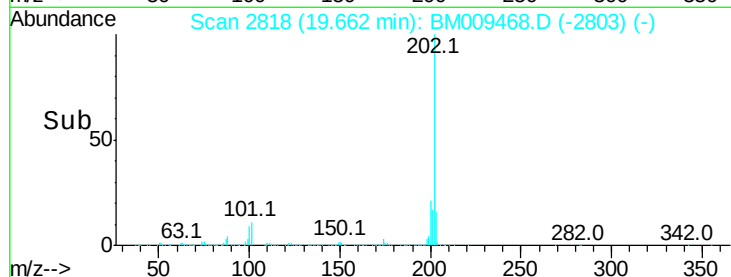
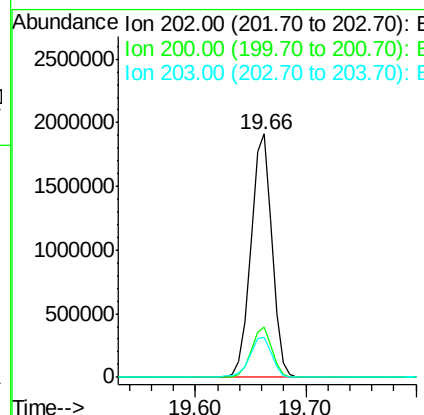
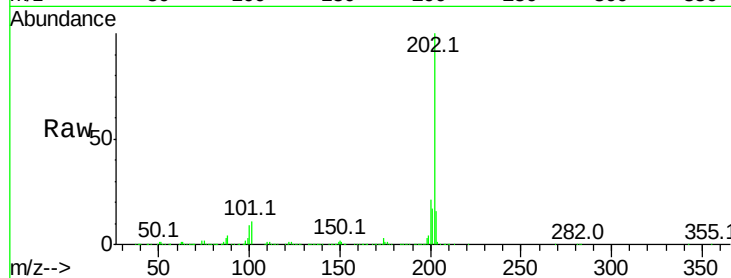
#77
Pvrene
Concen: 44.99 ng
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	16.2	14.1	21.1

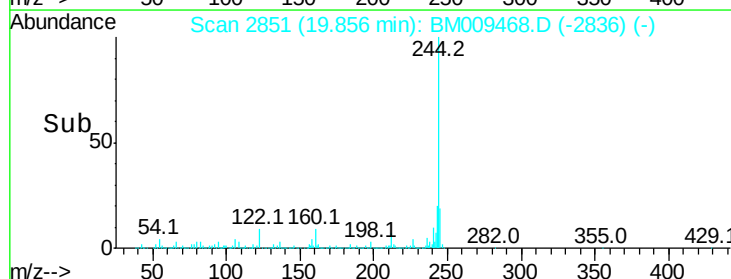
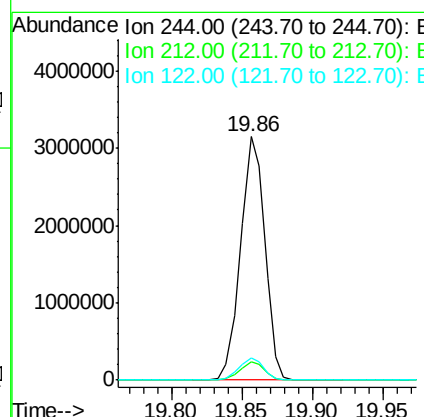
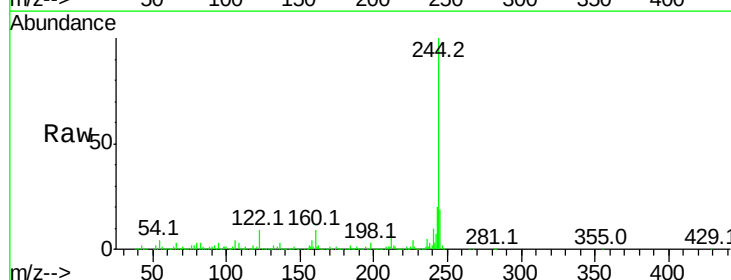
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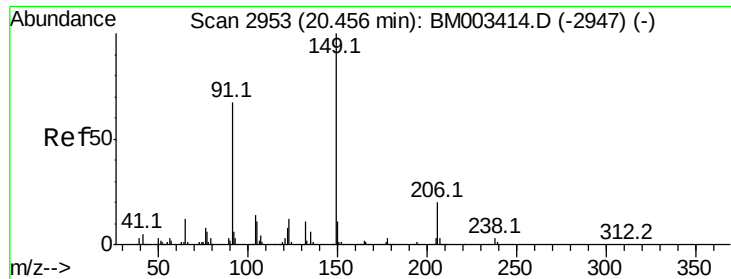
mohammad
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#78
Terphenyl-d14
Concen: 78.65 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	9.4	6.2	9.4





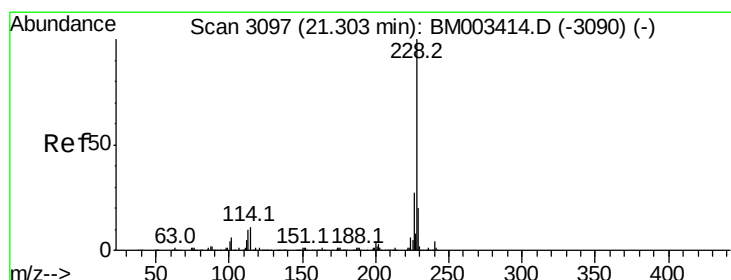
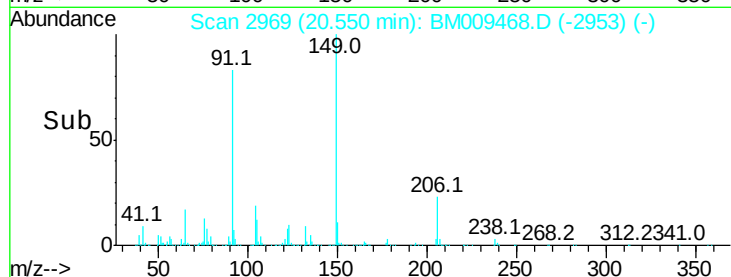
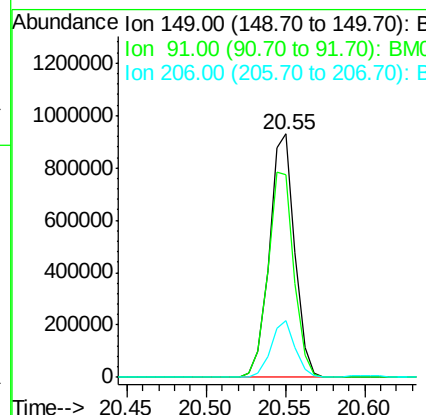
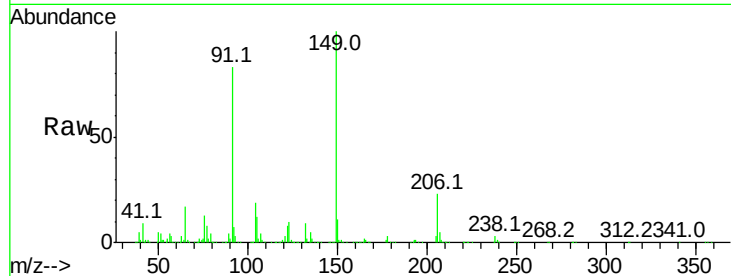
#79
Butylbenzylphthalate
Concen: 50.66 ng
RT: 20.55 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.3	50.1	75.1#
206	23.3	16.2	24.2

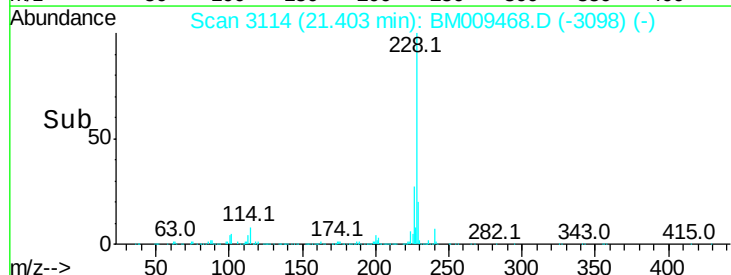
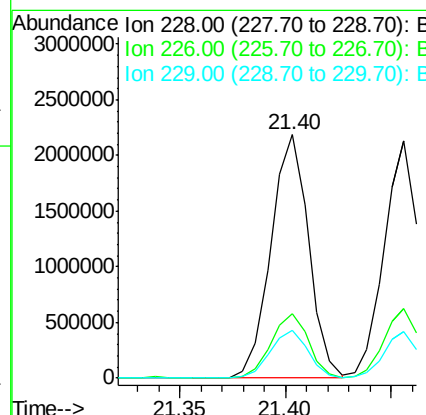
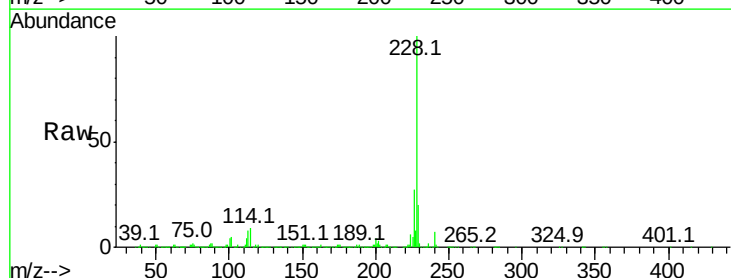
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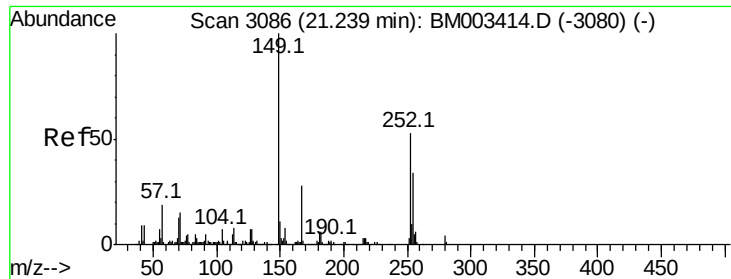
mohammad
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#80
Benzo(a)anthracene
Concen: 46.57 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.7	32.5
229	19.7	16.0	24.0





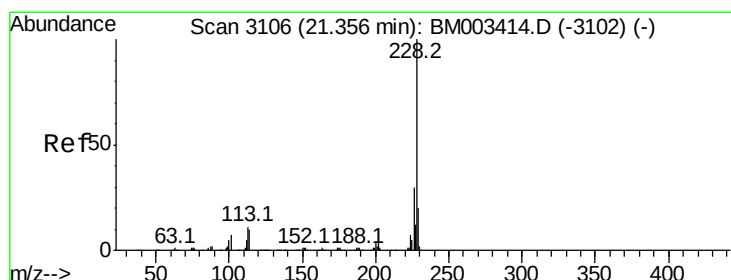
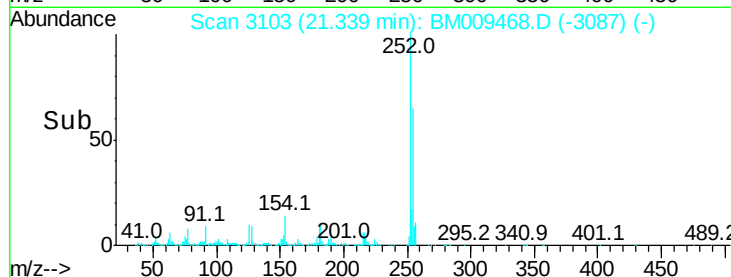
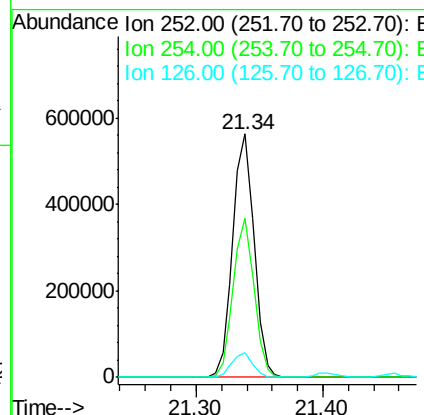
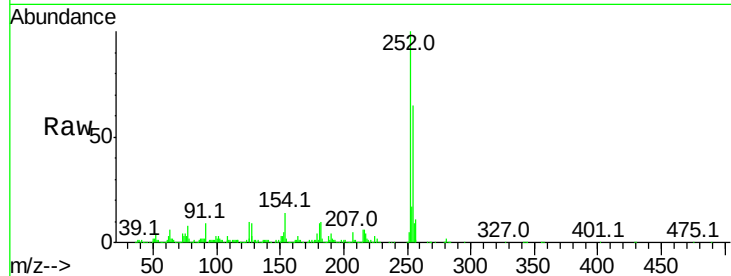
#81
 3,3'-Dichlorobenzidine
 Concen: 30.14 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Instrument :
 BNA_M
 ClientSampleId :
 PB97831BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.9	77.9
126	10.0	9.8	14.8

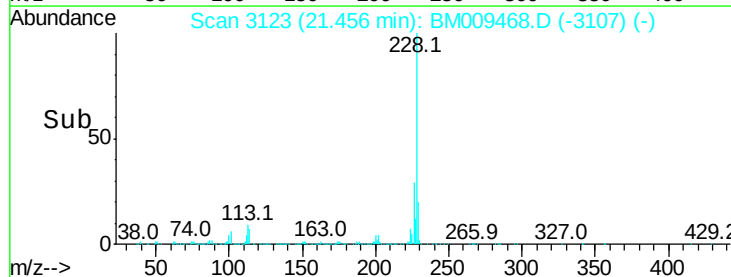
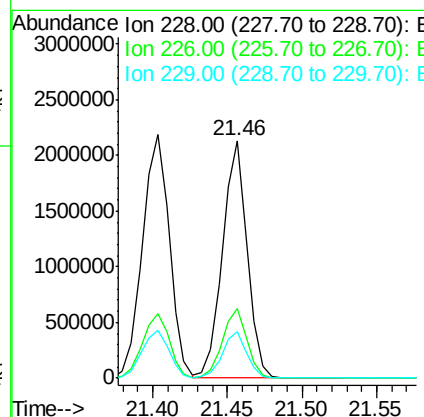
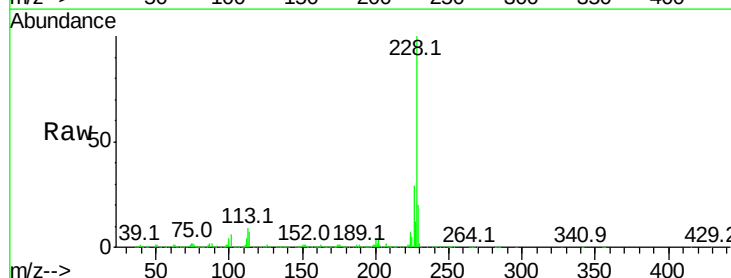
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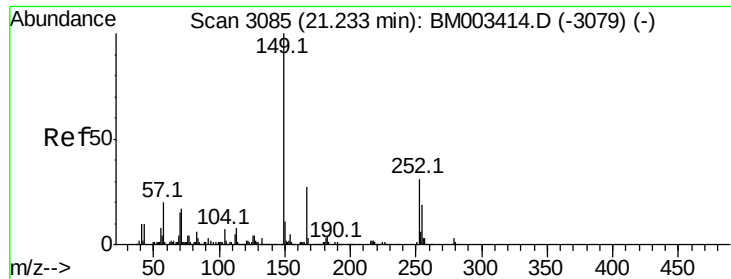
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#82
 Chrysene
 Concen: 44.35 ng
 RT: 21.46 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	19.6	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.13 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

Instrument :

BNA_M

ClientSampleId :

PB97831BS

Tot Ion:149 Resp: 1531206

Ion Ratio Lower Upper

149 100

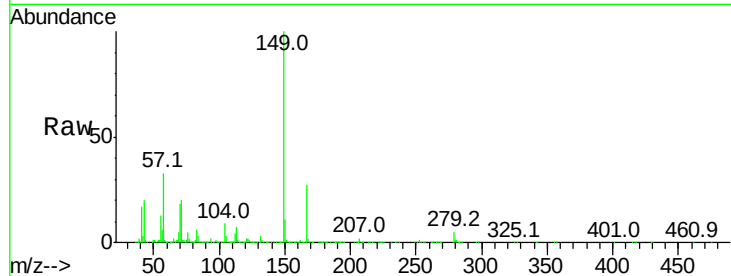
167 27.0 22.4 33.6

279 4.7 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

2000000

1500000

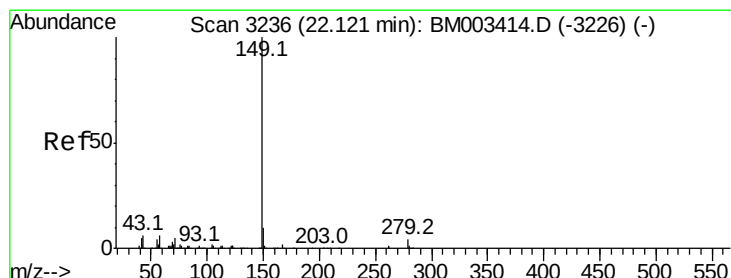
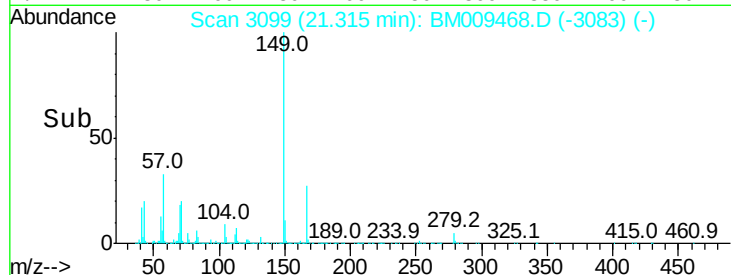
1000000

500000

0

21.25 21.30 21.35 21.40

Time-->



#84

Di-n-octyl phthalate

Concen: 53.28 ng

RT: 22.21 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BM009468.D

Acq: 31 Mar 2017 03:52

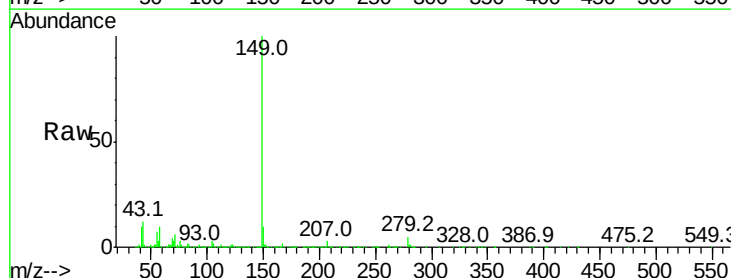
Tgt Ion:149 Resp: 2708062

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 12.6 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

3000000

2500000

2000000

1500000

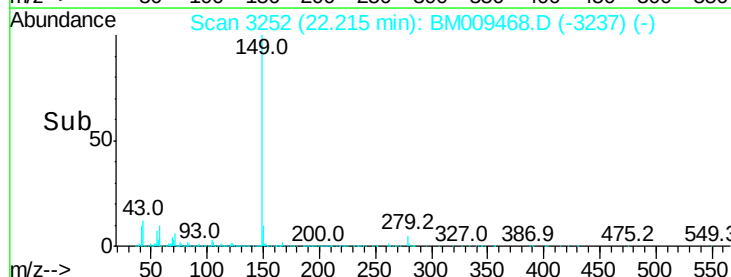
1000000

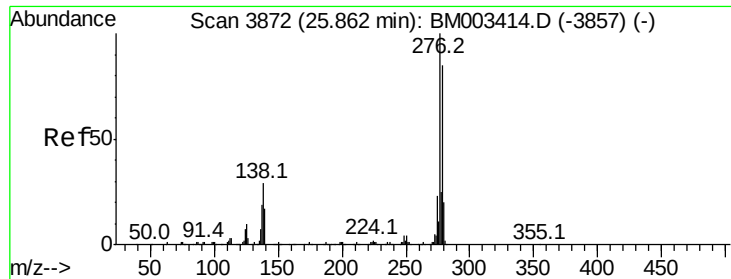
500000

0

22.10 22.20 22.30

Time-->





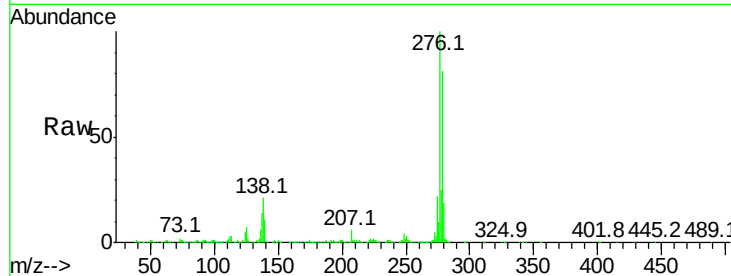
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.44 ng
RT: 26.11 min Scan# 3914
Delta R.T. -0.02 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

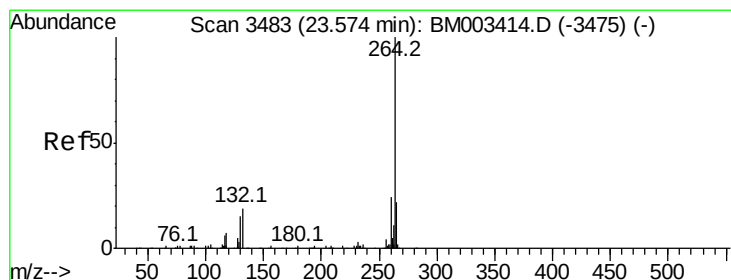
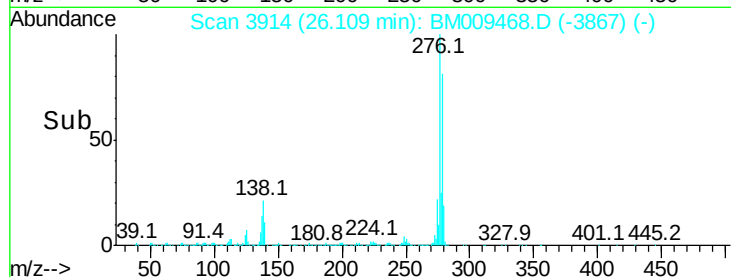
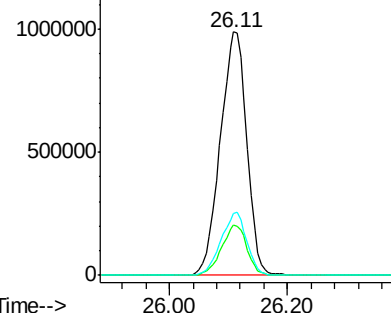
Tot Ion	Ratio	Lower	Upper
276	100		
138	19.7	0.0	0.0#
277	25.1	0.0	0.0#

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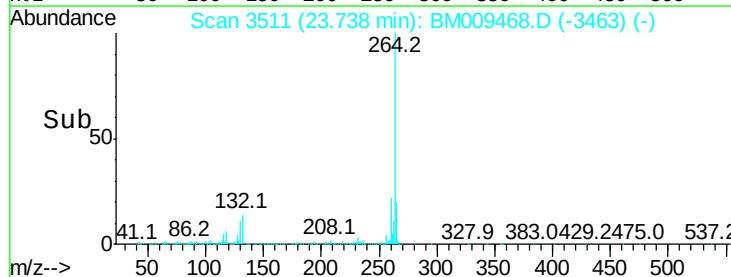
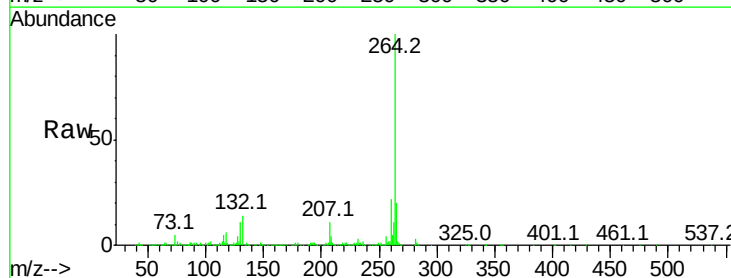
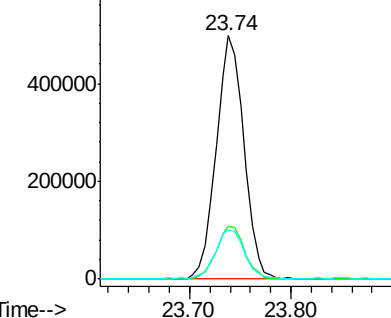
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

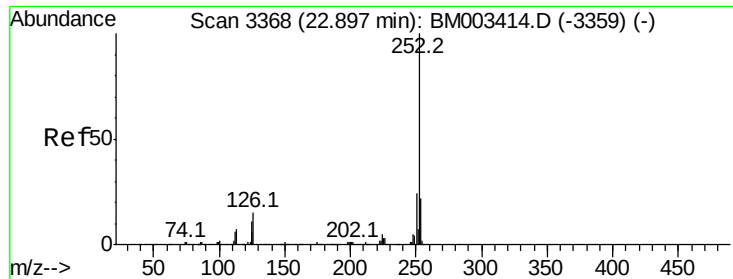


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.6	27.8
265	20.3	17.3	25.9

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





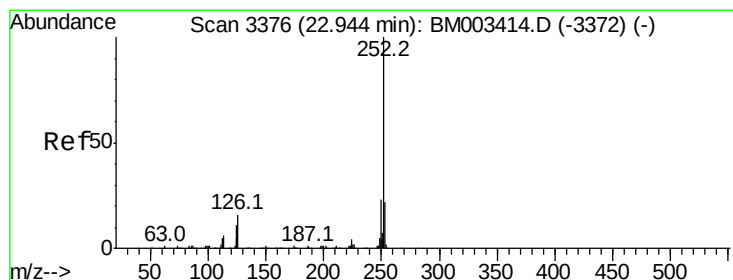
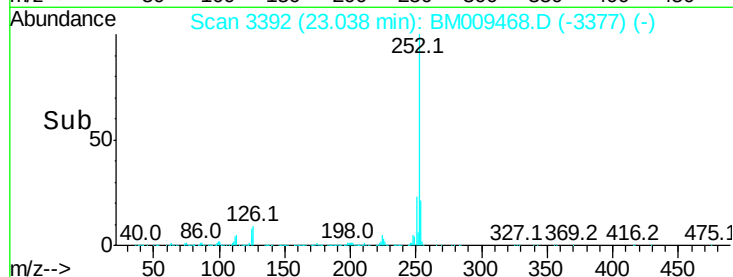
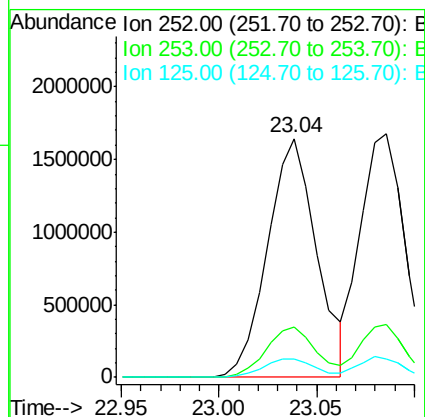
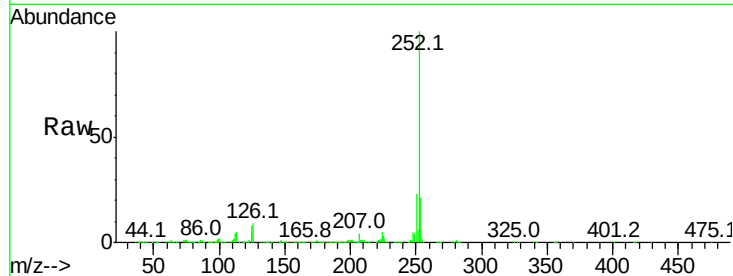
#87
Benzo(b)fluoranthene
Concen: 47.94 ng
RT: 23.04 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion:252 Resp: 2865147
Ion Ratio Lower Upper
252 100
253 21.3 18.0 27.0
125 7.7 9.9 14.9#

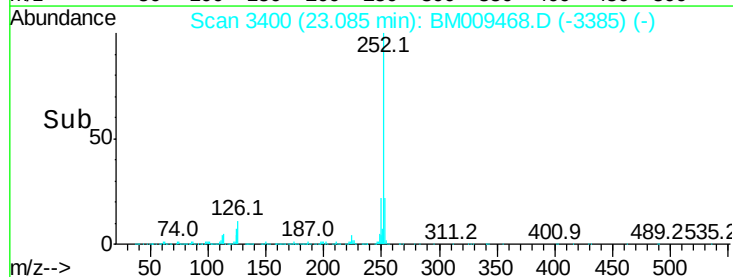
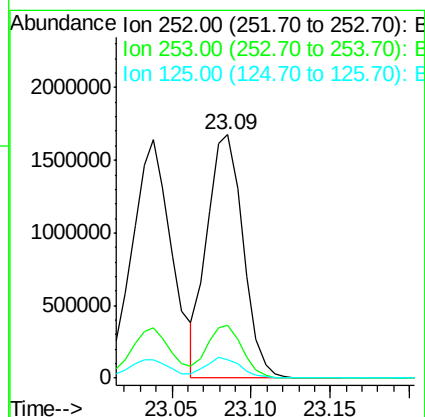
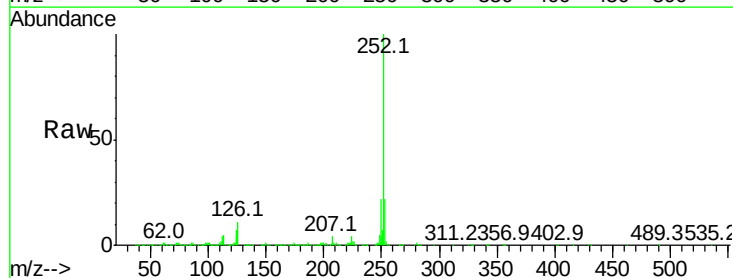
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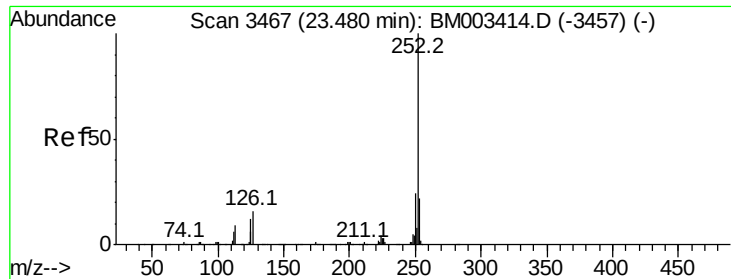
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#88
Benzo(k)fluoranthene
Concen: 46.02 ng
RT: 23.09 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion:252 Resp: 2645411
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 7.4 8.1 12.1#





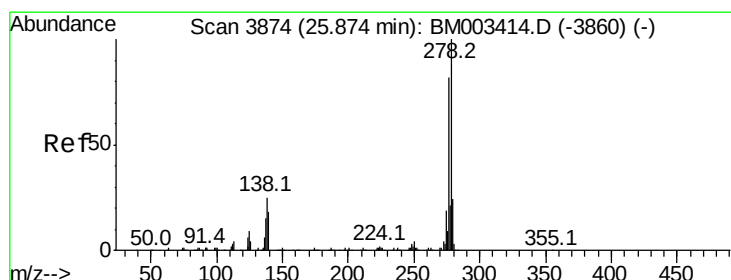
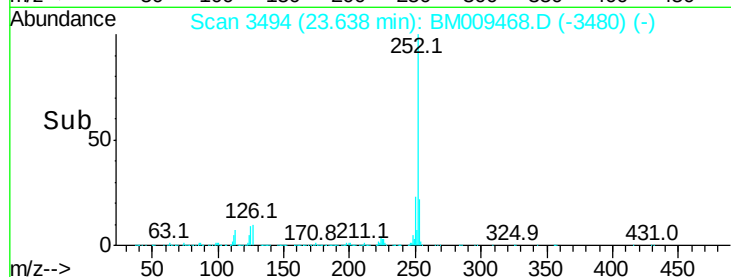
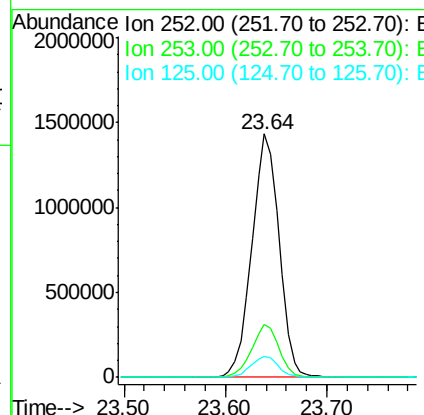
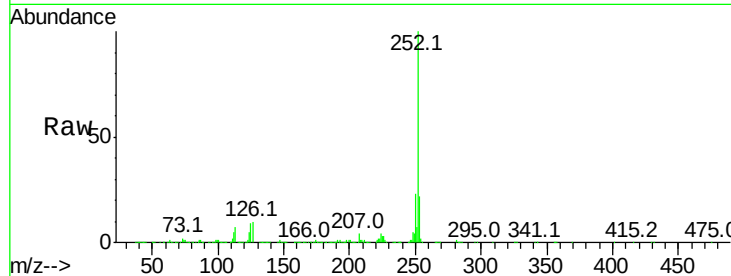
#89
Benzo(a)pyrene
Concen: 48.39 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Instrument :
BNA_M
ClientSampleId :
PB97831BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.7	7.4	11.2

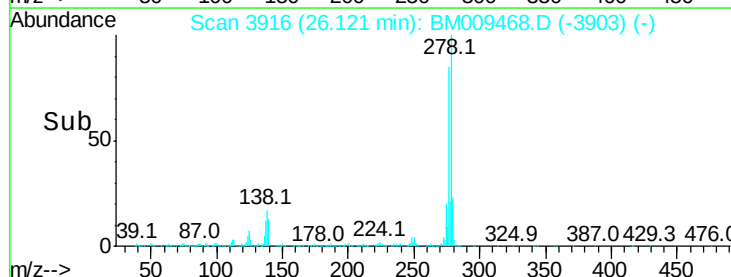
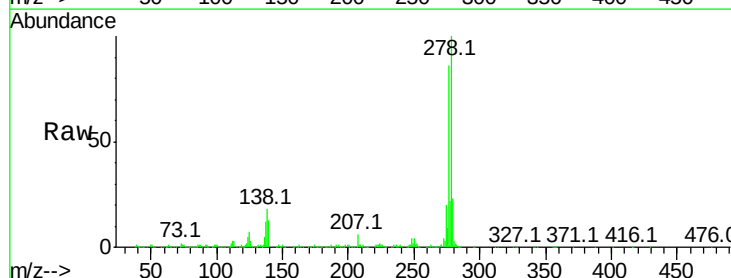
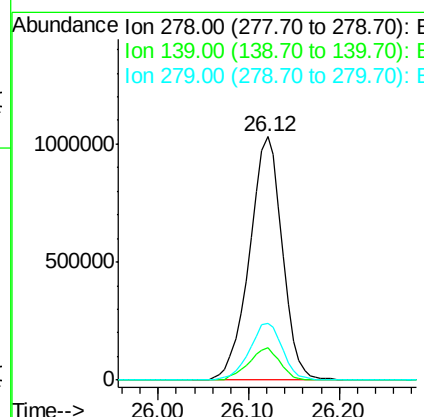
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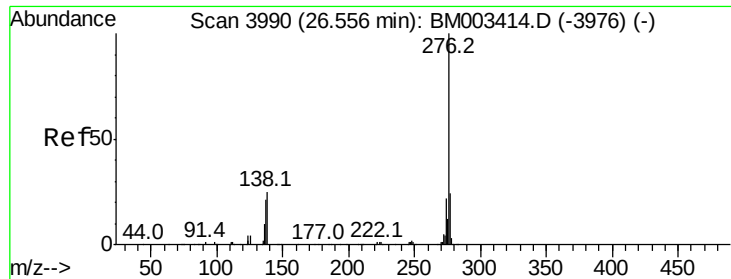
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#90
Dibenzo(a,h)anthracene
Concen: 47.77 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM009468.D
Acq: 31 Mar 2017 03:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	13.4	20.0#
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 47.12 ng
 RT: 26.84 min Scan# 4039
 Delta R.T. -0.02 min
 Lab File: BM009468.D
 Acq: 31 Mar 2017 03:52

Instrument :
 BNA_M
 ClientSampleId :
 PB97831BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.5	27.7
138	15.4	19.0	28.6

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