

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
 Data File : BM011261.D
 Acq On : 16 Aug 2017 19:20
 Operator : SJ/JU
 Sample : PB101577BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101577BS

Manual Integrations
 APPROVED

Sohil
 8/17/2017 6:00:30 PM

Quant Time: Aug 17 04:01:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	117921	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	442668	20.00	ng	-0.01
38) Acenaphthene-d10	13.95	164	335098	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	981702	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	1262455	20.00	ng	-0.01
86) Perylene-d12	23.00	264	1134727	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	595416	85.35	ng	-0.01
7) Phenol-d6	6.48	99	855717	86.34	ng	-0.01
23) Nitrobenzene-d5	8.42	82	1177678	99.85	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	484258	90.16	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	2184887	81.77	ng	-0.01
78) Terphenyl-d14	19.37	244	4598696	72.16	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	115140	36.762	ng	# 100
3) Pyridine	3.29	79	351025	41.031	ng	# 87
4) n-Nitrosodimethylamine	3.20	42	218075	50.020	ng	# 71
6) Aniline	6.62	93	425822	34.089	ng	# 81
8) 2-Chlorophenol	6.85	128	268653	37.933	ng	# 66
9) Benzaldehyde	6.43	77	142287	22.188	ng	# 68
10) Phenol	6.51	94	451407	41.932	ng	# 94
11) bis(2-Chloroethyl)ether	6.73	93	329507	39.283	ng	# 87
12) 1,3-Dichlorobenzene	7.16	146	323342	37.462	ng	# 76
13) 1,4-Dichlorobenzene	7.31	146	322847	36.491	ng	# 86
14) 1,2-Dichlorobenzene	7.62	146	311875	36.869	ng	# 83
15) Benzyl Alcohol	7.53	79	447359	47.051	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.82	45	343137	45.461	ng	# 72
17) 2-Methylphenol	7.73	107	290288	42.192	ng	# 68
18) Hexachloroethane	8.33	117	146546	37.982	ng	# 82
19) n-Nitroso-di-n-propylamine	8.09	70	383504	45.534	ng	# 89
20) 3+4-Methylphenols	8.06	107	381883	39.929	ng	# 74
22) Acetophenone	8.09	105	547974	41.296	ng	# 86
24) Nitrobenzene	8.46	77	594595	48.650	ng	# 79
25) Isophorone	8.99	82	936710	47.633	ng	# 84
26) 2-Nitrophenol	9.16	139	151234	38.889	ng	# 1
27) 2,4-Dimethylphenol	9.25	122	278710	40.712	ng	# 62
28) bis(2-Chloroethoxy)methane	9.48	93	480599	43.818	ng	# 98
29) 2,4-Dichlorophenol	9.70	162	322706	41.949	ng	# 89
30) 1,2,4-Trichlorobenzene	9.90	180	390020	41.004	ng	# 97
31) Naphthalene	10.08	128	890194	39.974	ng	# 100
32) Benzoic acid	9.39	122	192784	35.035	ng	# 42
33) 4-Chloroaniline	10.22	127	210993	23.751	ng	# 67
34) Hexachlorobutadiene	10.37	225	318238	42.479	ng	# 94
35) Caprolactam	11.00	113	109585m	50.232	ng	#
36) 4-Chloro-3-methylphenol	11.35	107	439085	44.204	ng	# 71
37) 2-Methylnaphthalene	11.71	142	719789	43.999	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	544438	37.816	ng	# 100
40) Hexachlorocyclopentadiene	12.07	237	851920	101.553	ng	# 98

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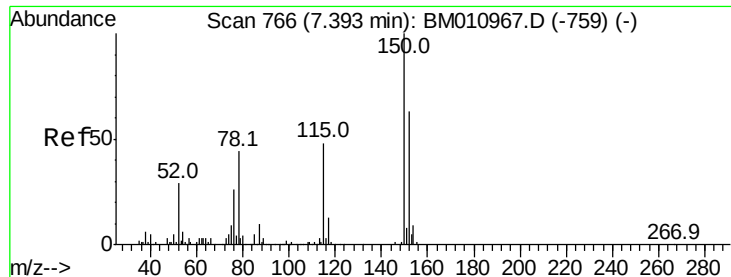
Manual Integrations
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Sohil
 8/17/2017 6:00:30 PM

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 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	350417	40.213	nq	97
43) 2,4,5-Trichlorophenol	12.42	196	381293	42.484	nq	# 86
45) 1,1'-Biphenyl	12.76	154	1032378	35.630	nq	94
46) 2-Chloronaphthalene	12.80	162	808286	37.861	nq	94
47) 2-Nitroaniline	13.02	65	416025	55.083	nq	# 60
48) Acenaphthylene	13.66	152	1261699	39.601	nq	100
49) Dimethylphthalate	13.43	163	1160459	40.482	nq	# 98
50) 2,6-Dinitrotoluene	13.54	165	243092	41.935	nq	# 37
51) Acenaphthene	14.01	154	769691	39.016	nq	95
52) 3-Nitroaniline	13.87	138	190709	37.912	nq	# 7
53) 2,4-Dinitrophenol	14.08	184	402633	97.732	nq	# 75
54) Dibenzofuran	14.35	168	1400112	43.802	nq	# 89
55) 4-Nitrophenol	14.20	139	349901	79.171	nq	# 70
56) 2,4-Dinitrotoluene	14.34	165	374986	46.079	nq	# 75
57) Fluorene	15.00	166	1170250	42.049	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.59	232	425340	50.562	nq	# 100
59) Diethylphthalate	14.81	149	1252887	42.796	nq	99
60) 4-Chlorophenyl-phenylether	15.01	204	688327	40.965	nq	95
61) 4-Nitroaniline	15.05	138	182895	34.230	nq	# 1
62) Azobenzene	15.30	77	1785267	56.978	nq	84
64) 4,6-Dinitro-2-methylphenol	15.10	198	274182	41.255	nq	94
65) n-Nitrosodiphenylamine	15.23	169	1067921	38.011	nq	99
66) 4-Bromophenyl-phenylether	15.91	248	486520	38.551	nq	# 90
67) Hexachlorobenzene	16.01	284	496126	34.789	nq	# 84
68) Atrazine	16.20	200	473662	42.071	nq	94
69) Pentachlorophenol	16.36	266	706803	78.067	nq	97
70) Phenanthrene	16.74	178	2151060	41.846	nq	100
71) Anthracene	16.84	178	2166156	42.253	nq	99
72) Carbazole	17.12	167	1824187	40.688	nq	98
73) Di-n-butylphthalate	17.71	149	2289671	41.937	nq	# 95
74) Fluoranthene	18.78	202	2833412	44.479	nq	98
76) Benzidine	18.99	184	1529786	50.653	nq	97
77) Pyrene	19.14	202	2946494	39.279	nq	99
79) Butylbenzylphthalate	20.09	149	1047810	39.281	nq	# 56
80) Benzo(a)anthracene	20.92	228	2964015	41.118	nq	99
81) 3,3'-Dichlorobenzidine	20.87	252	878674	31.072	nq	# 97
82) Chrysene	20.97	228	2786386	40.269	nq	99
83) Bis(2-ethylhexyl)phthalate	20.89	149	1487194	37.898	nq	# 98
84) Di-n-octyl phthalate	21.73	149	2403607	37.739	nq	# 94
85) Indeno(1,2,3-cd)pyrene	25.01	276	2917223	40.708	nq	# 96
87) Benzo(b)fluoranthene	22.40	252	2882088	39.574	nq	# 91
88) Benzo(k)fluoranthene	22.44	252	2751672	39.421	nq	# 94
89) Benzo(a)pyrene	22.92	252	2700697	40.982	nq	# 95
90) Dibenzo(a,h)anthracene	25.03	278	2399602	39.279	nq	# 90
91) Benzo(g,h,i)perylene	25.62	276	2408949	40.157	nq	# 85

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



#1

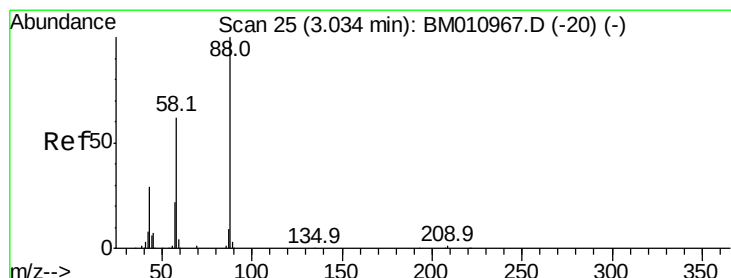
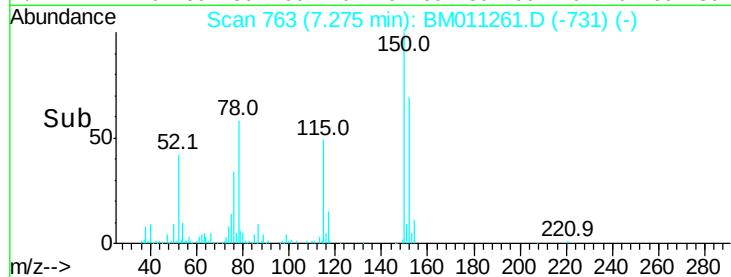
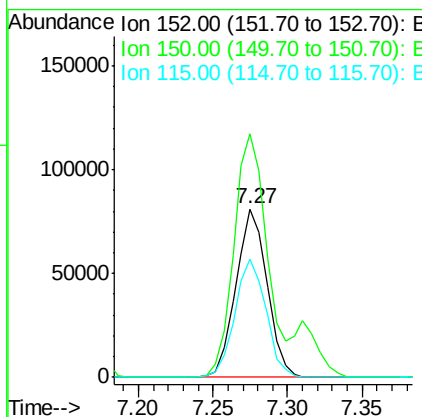
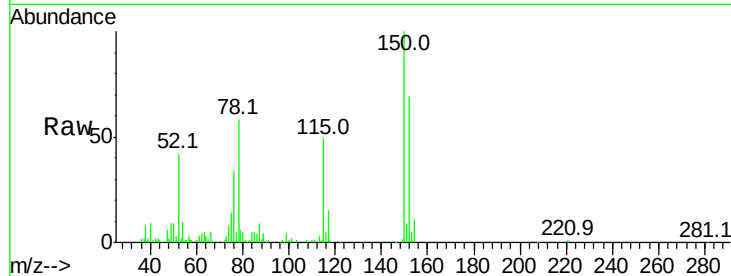
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.7	119.5	179.3
115	70.3	43.0	64.4

Manual Integrations
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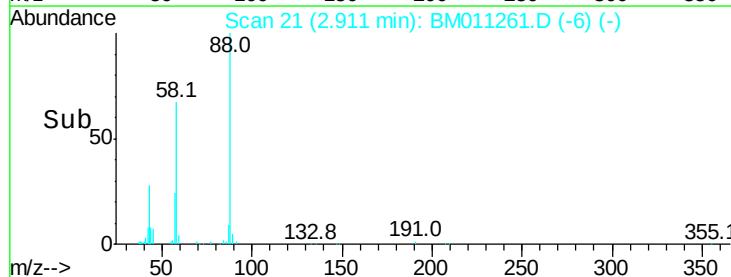
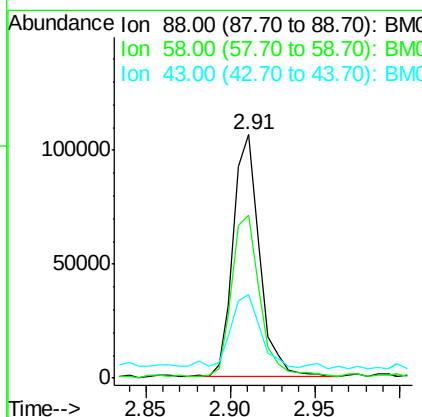
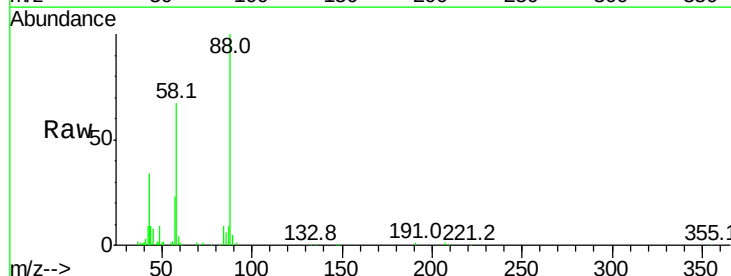
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8/17/2017 6:00:30 PM

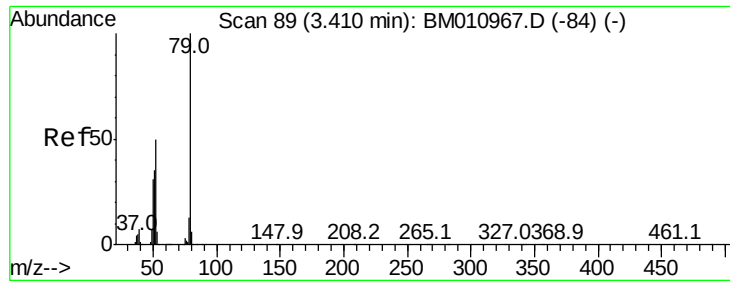


#2

1,4-Dioxane
Concen: 36.762 ng
RT: 2.91 min Scan# 21
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	0.0	0.0
43	33.8	0.0	0.0





#3

Pvridine

Concen: 41.031 ng

RT: 3.29 min Scan# 85

Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

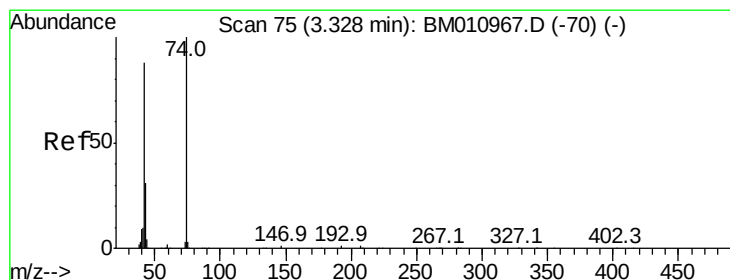
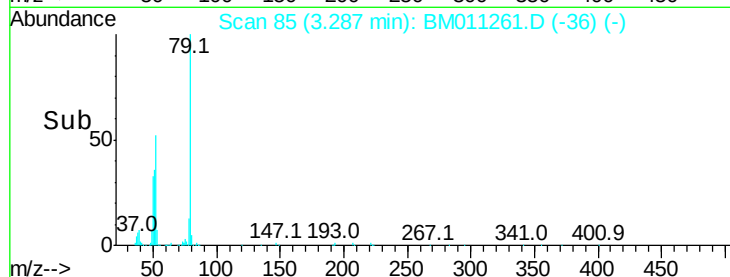
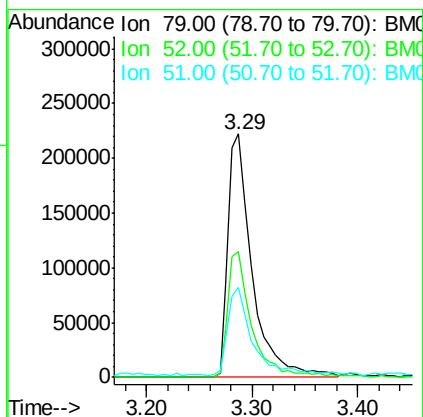
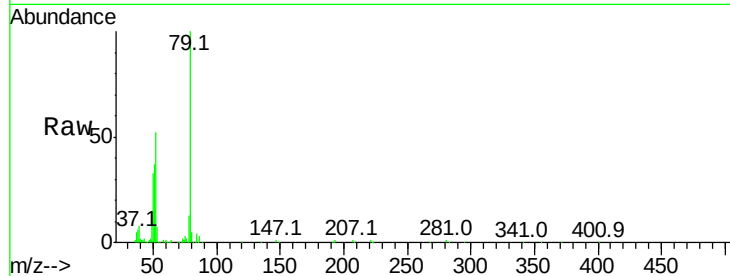
ClientSampleId :

PB101577BS

Tot Ion:	79	Resp:	351025
Ion Ratio	Lower	Upper	
79	100		
52	51.8	51.1	76.7
51	36.7	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 50.020 ng

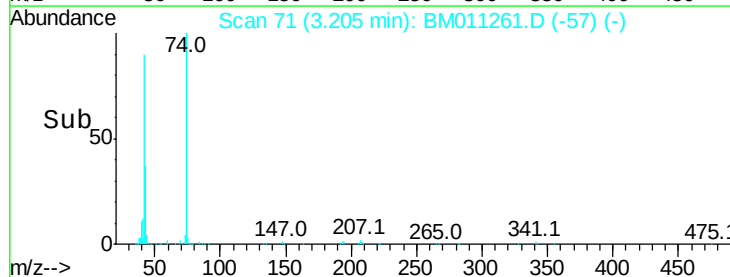
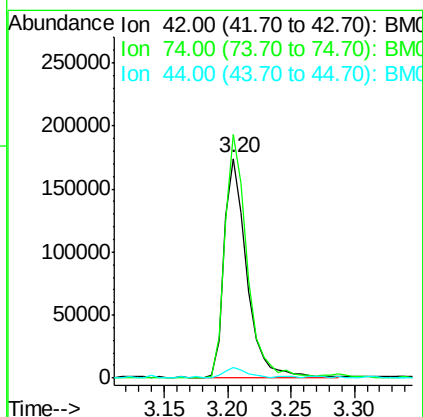
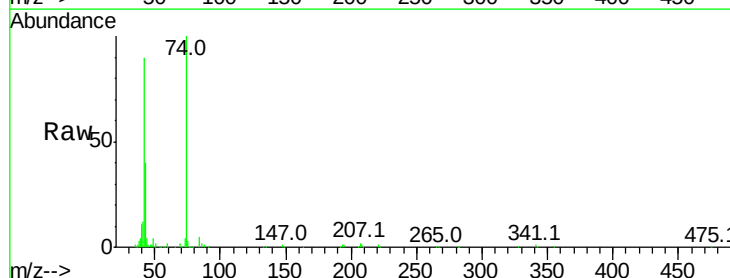
RT: 3.20 min Scan# 71

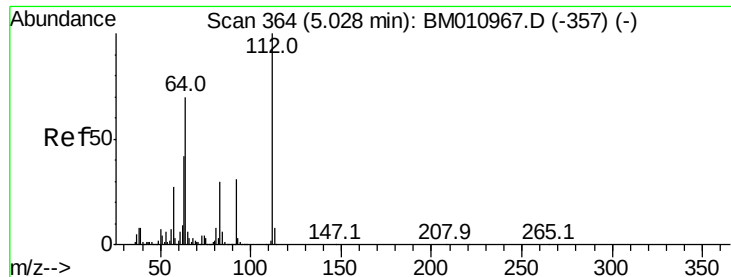
Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion:	42	Resp:	218075
Ion Ratio	Lower	Upper	
42	100		
74	110.8	119.3	178.9#
44	4.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 85.355 ng

RT: 4.92 min Scan# 362

Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

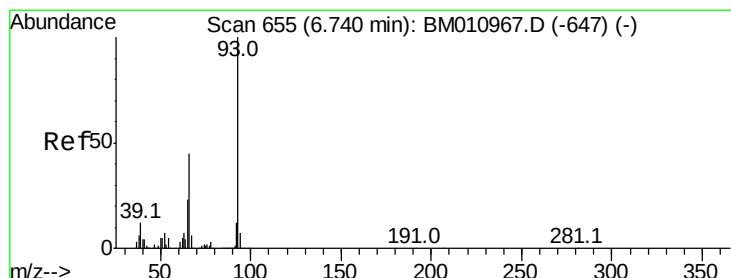
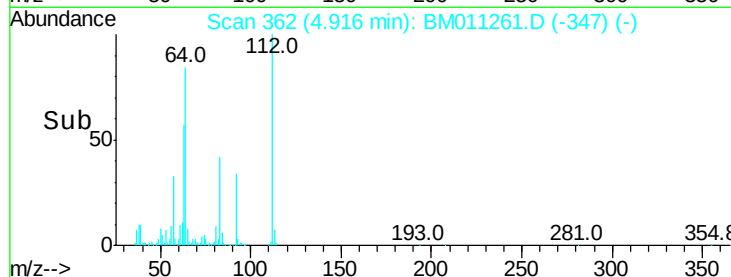
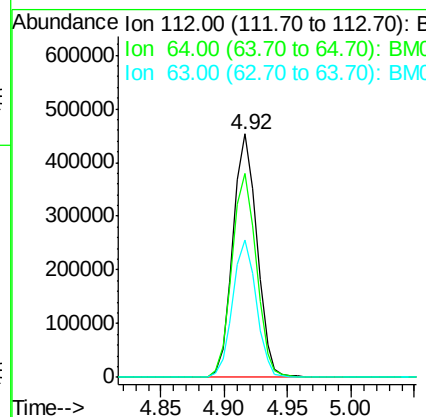
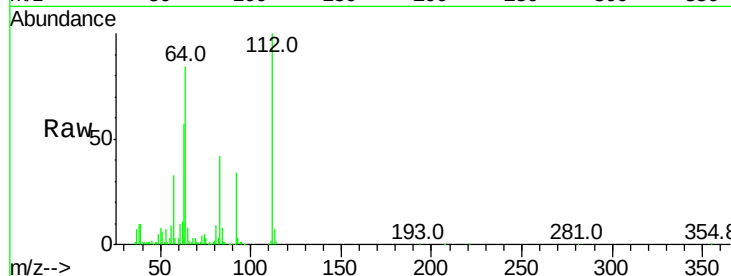
ClientSampleId :

PB101577BS

Tot Ion:	112	Resp:	595416
Ion Ratio	Lower	Upper	
112	100		
64	83.8	38.6	57.8#
63	56.6	19.3	28.9#

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#6

Aniline

Concen: 34.089 ng

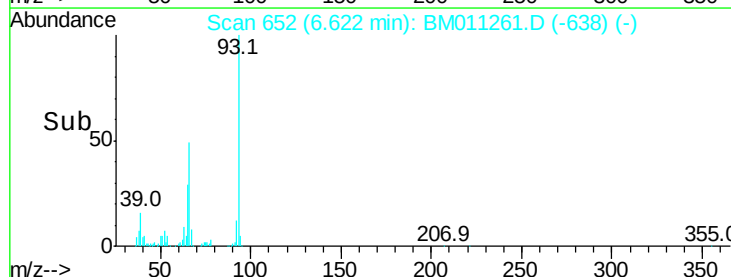
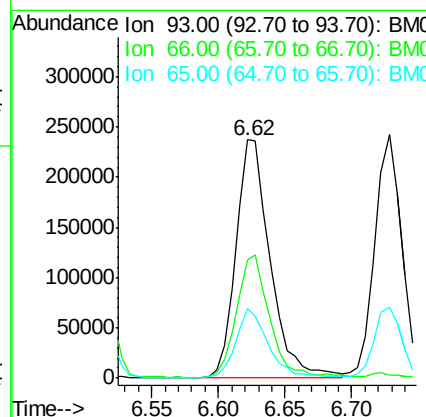
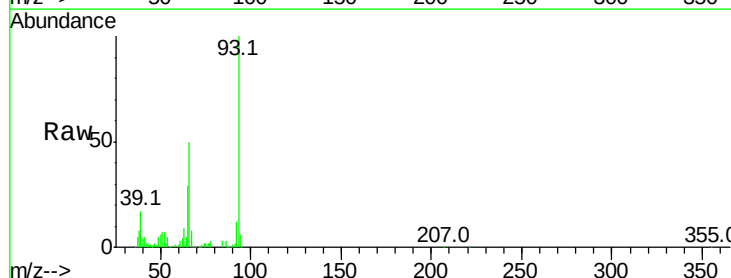
RT: 6.62 min Scan# 652

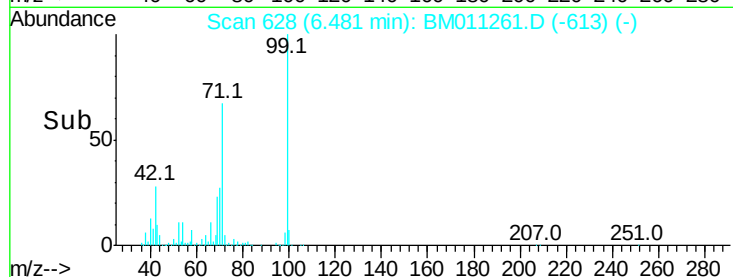
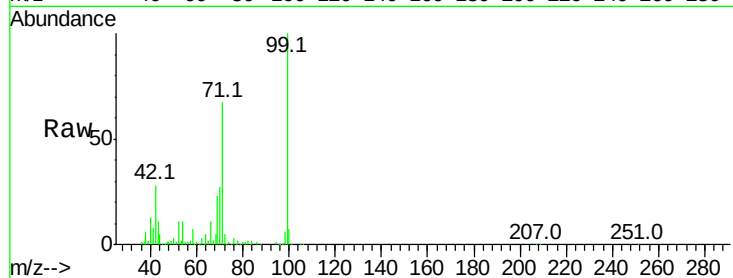
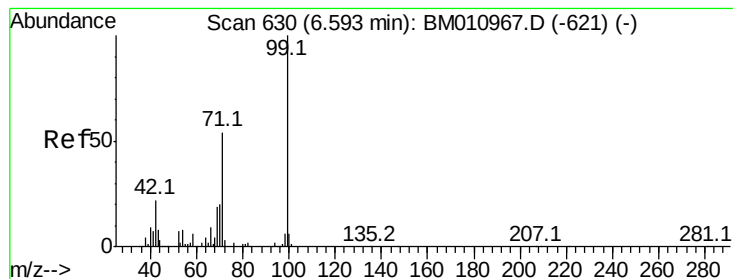
Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion:	93	Resp:	425822
Ion Ratio	Lower	Upper	
93	100		
66	49.8	30.8	46.2#
65	29.3	16.0	24.0#





#7

Phenol-d6

Concen: 86.338 ng

RT: 6.48 min Scan# 628

Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tot Ion	Ratio	Resp	Lower	Upper
99	100			
42	28.2	11.0	16.4#	
71	67.2	23.4	35.2#	

Instrument :

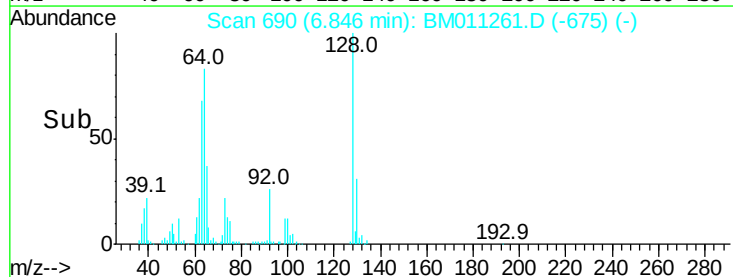
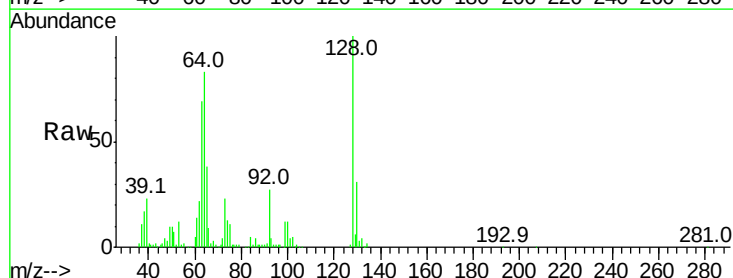
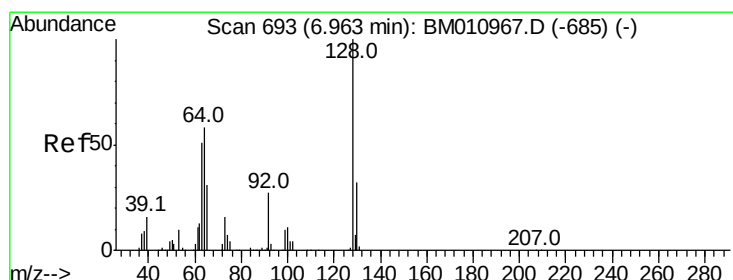
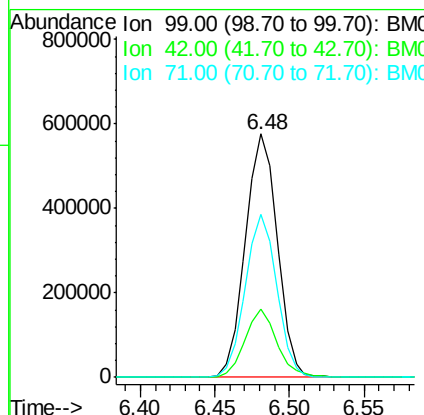
BNA_M

ClientSampleId :

PB101577BS

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#8

2-Chlorophenol

Concen: 37.933 ng

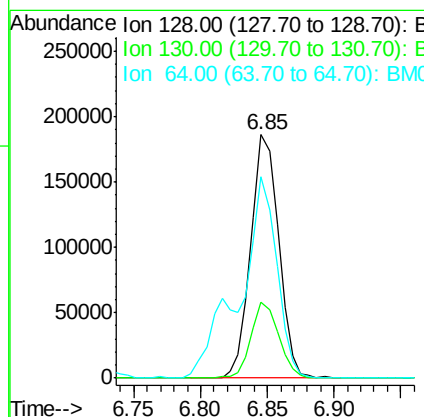
RT: 6.85 min Scan# 690

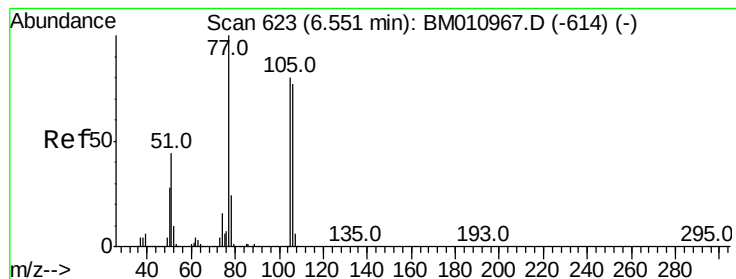
Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
130	31.1	12.0	52.0	
64	82.7	24.9	64.9#	





#9

Benzaldehyde

Concen: 22.188 ng

RT: 6.43 min Scan# 620

Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

ClientSampleId :

PB101577BS

Tot Ion: 77 Resp: 142287

Ion Ratio Lower Upper

77 100

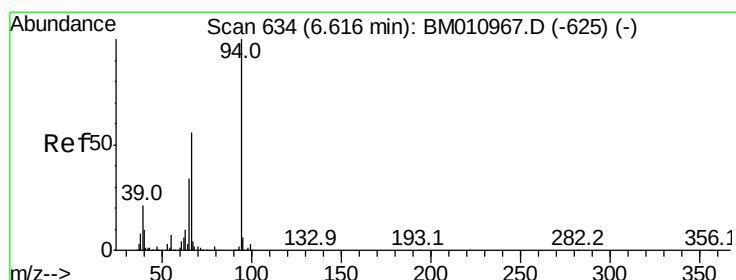
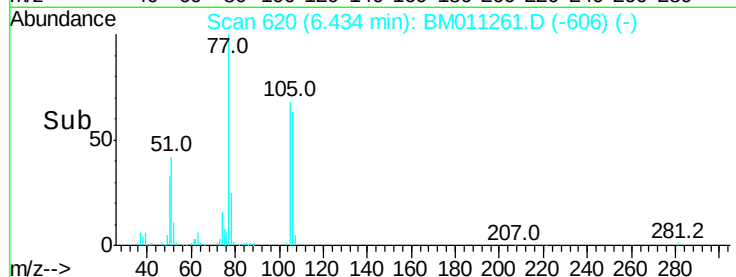
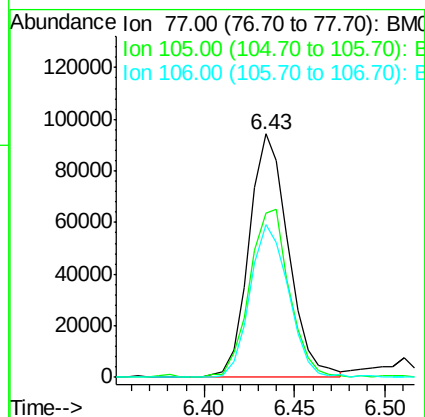
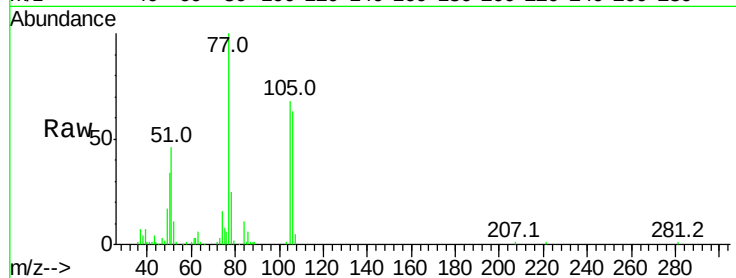
105 67.7 78.8 118.8#

106 62.5 73.7 113.7#

Manual Integrations
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#10

Phenol

Concen: 41.932 ng

RT: 6.51 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

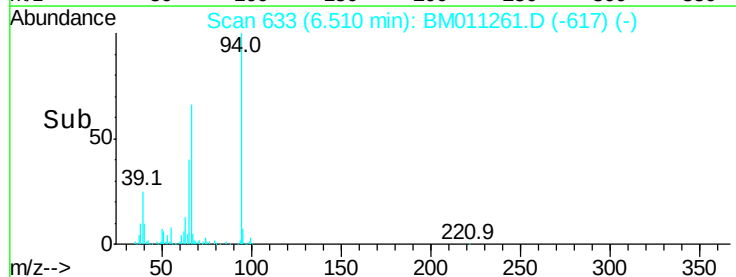
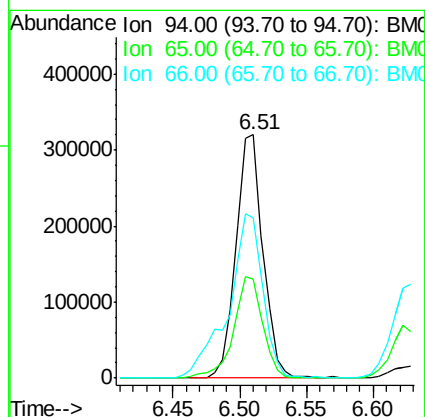
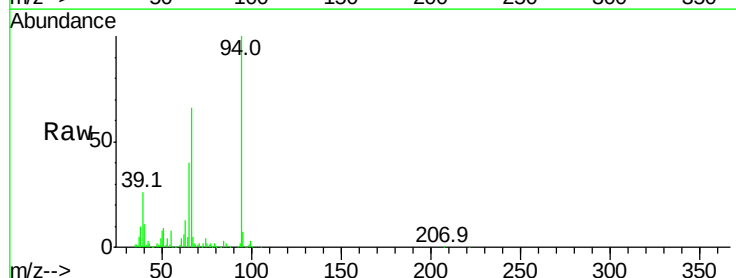
Tgt Ion: 94 Resp: 451407

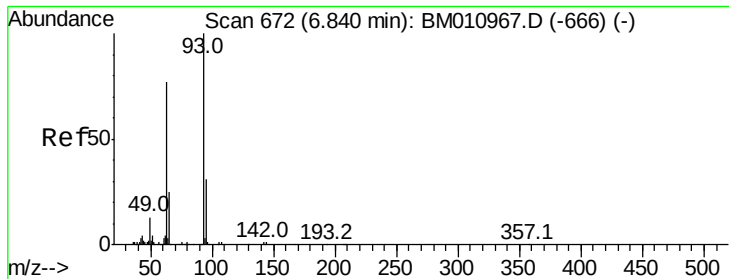
Ion Ratio Lower Upper

94 100

65 40.4 18.8 58.8

66 65.9 39.9 79.9





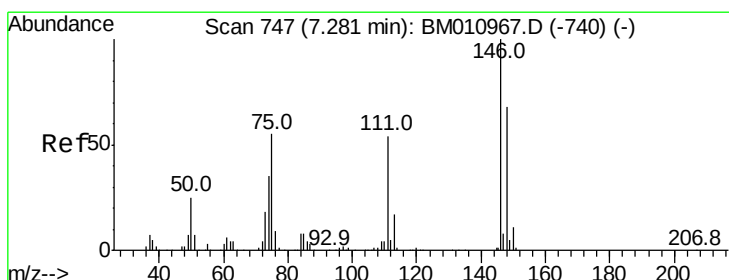
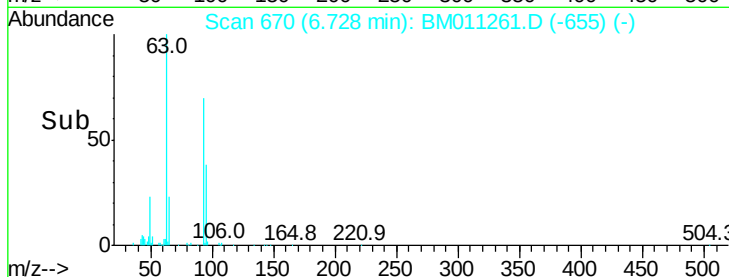
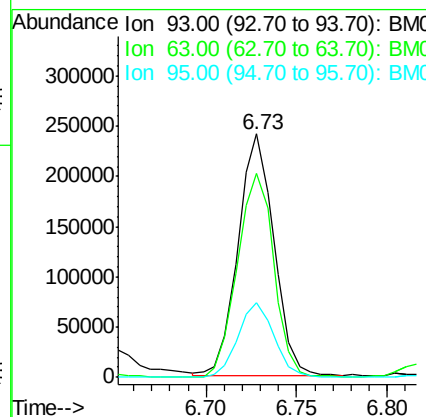
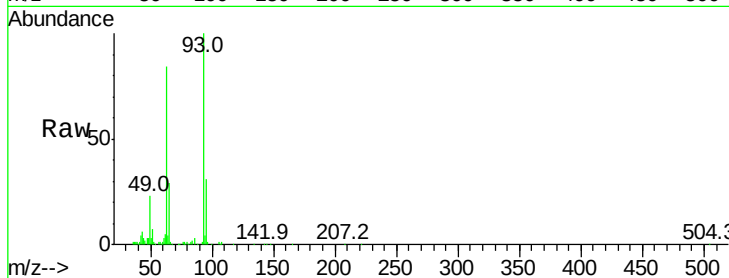
#11
bis(2-Chloroethyl)ether
Concen: 39.283 ng
RT: 6.73 min Scan# 670
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	83.7	49.5	89.5	
95	30.7	13.5	53.5	

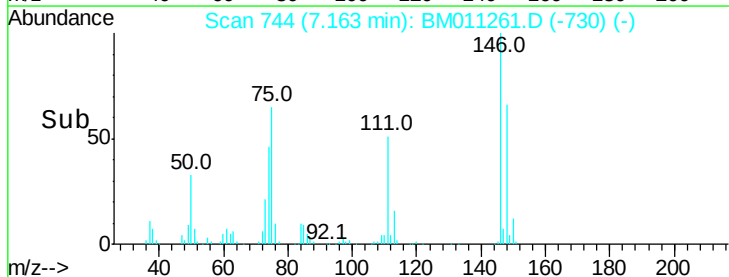
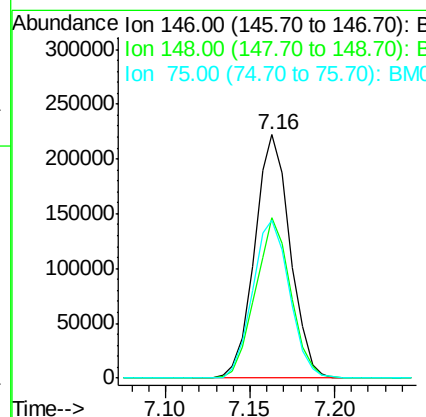
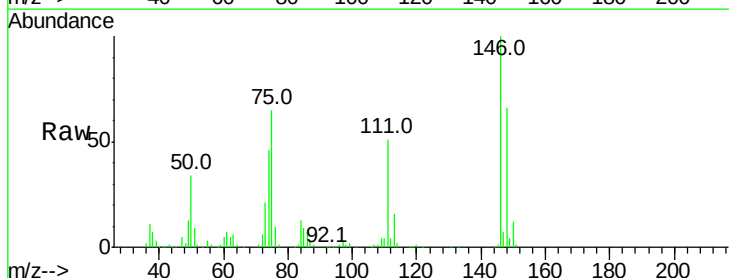
Manual Integrations
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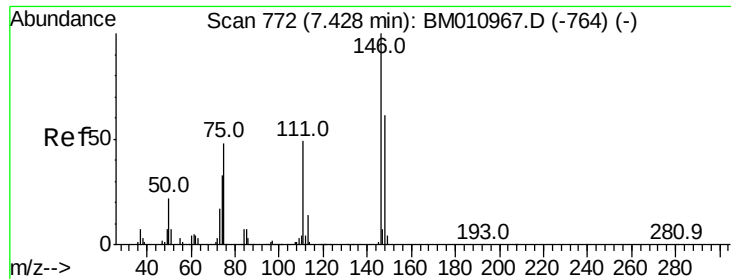
Sohil
8/17/2017 6:00:30 PM



#12
1,3-Dichlorobenzene
Concen: 37.462 ng
RT: 7.16 min Scan# 744
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.9	50.9	76.3	
75	64.6	21.4	32.2	





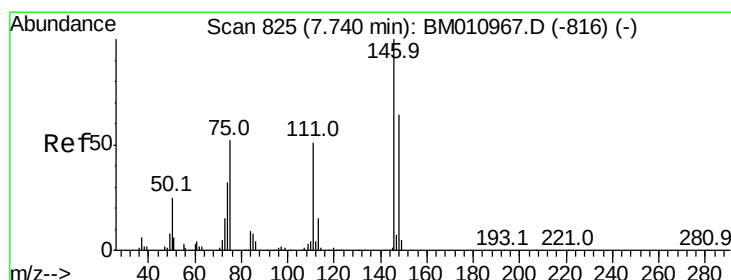
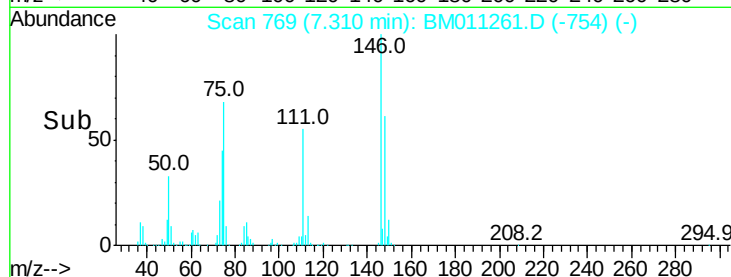
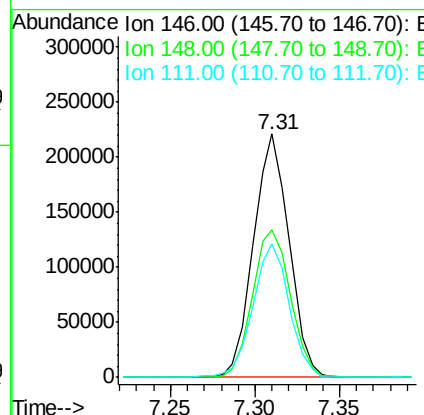
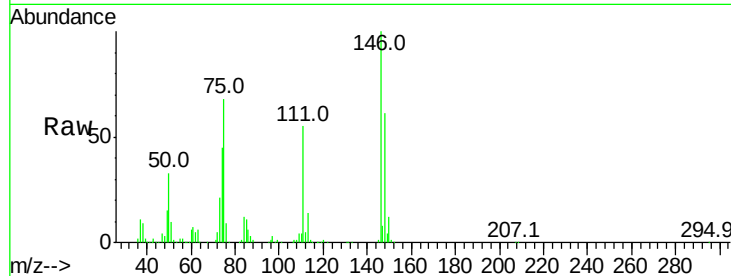
#13
 1,4-Dichlorobenzene
 Concen: 36.491 ng
 RT: 7.31 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Instrument :
 BNA_M
 ClientSampleID :
 PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
148	60.8	51.9	77.9	
111	54.8	29.2	43.8	

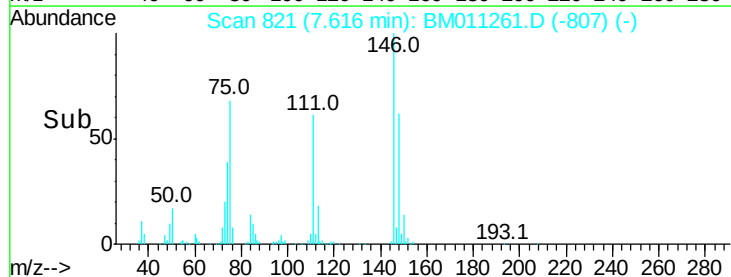
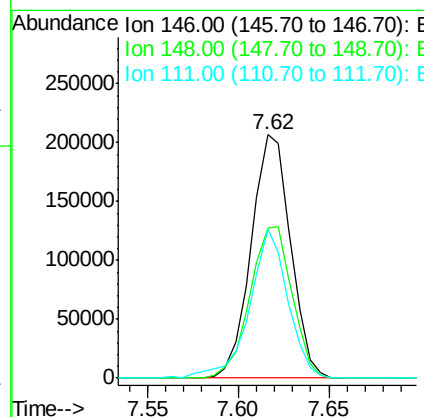
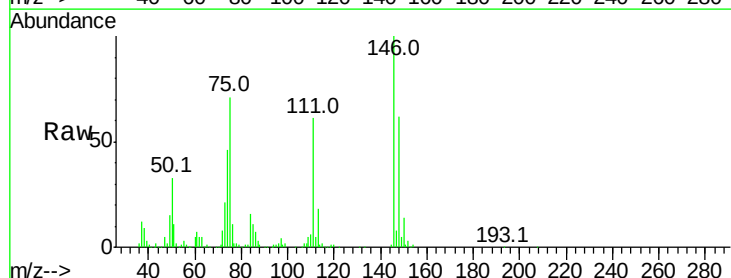
Manual Integrations
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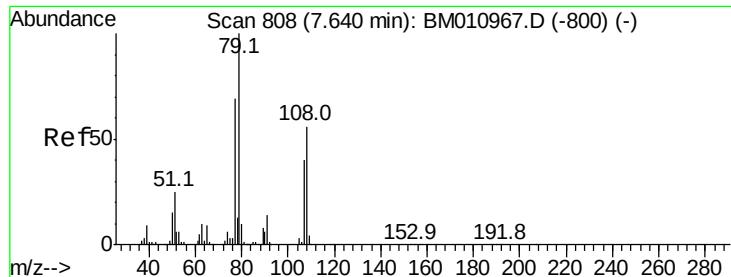
Sohil
 8/17/2017 6:00:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.869 ng
 RT: 7.62 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	61.7	52.3	78.5	
111	61.0	30.6	45.8	





#15

Benzyl Alcohol

Concen: 47.051 ng

RT: 7.53 min Scan# 806

Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

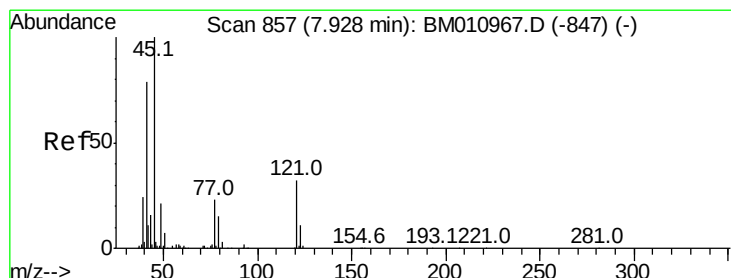
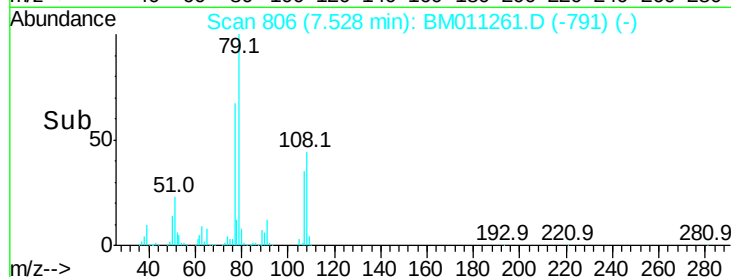
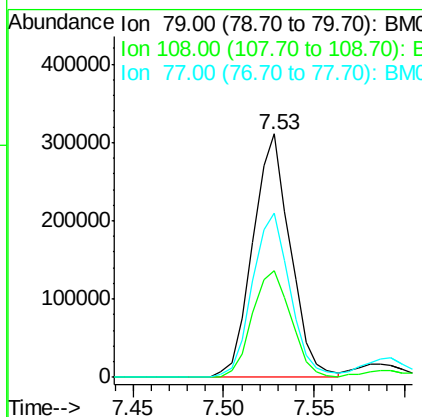
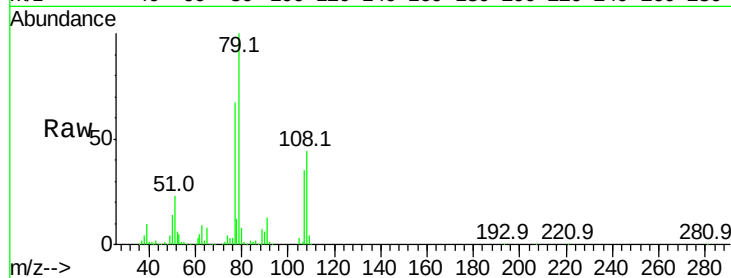
ClientSampled :

PB101577BS

Tot Ion:	79	Resp:	447359
Ion Ratio	Lower	Upper	
79	100		
108	43.8	65.0	97.4#
77	67.3	53.0	79.6

Manual Integrations
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8/17/2017 6:00:30 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.461 ng

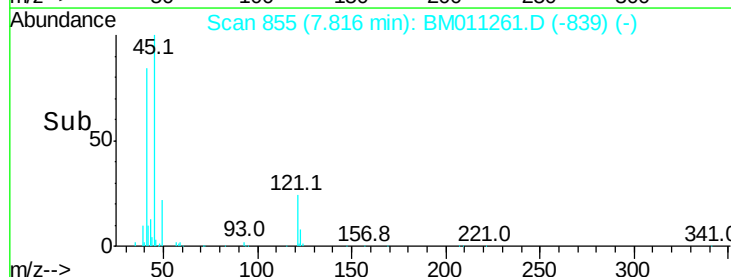
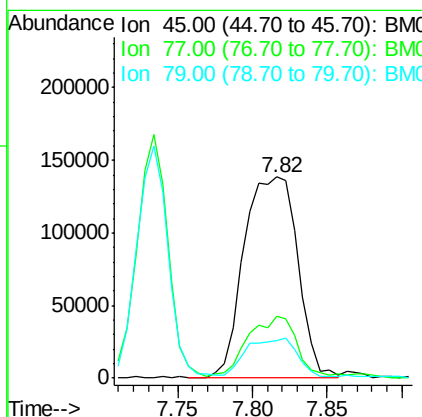
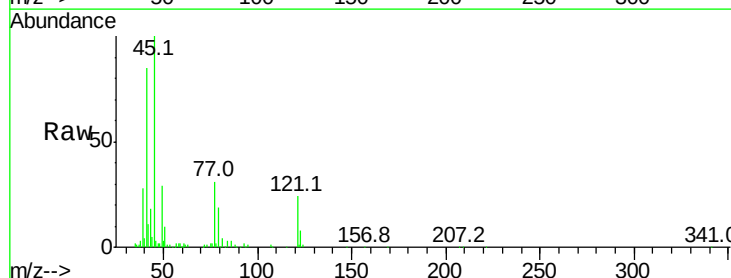
RT: 7.82 min Scan# 855

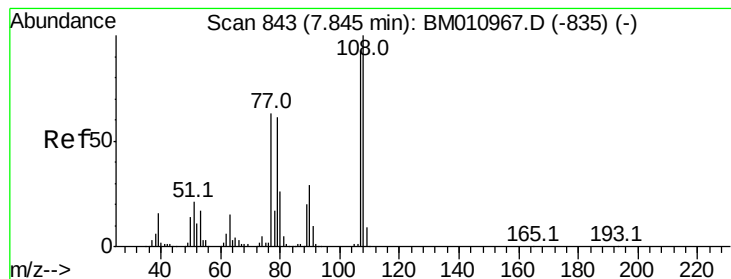
Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion:	45	Resp:	343137
Ion Ratio	Lower	Upper	
45	100		
77	30.8	0.0	35.2
79	18.7	0.0	32.0





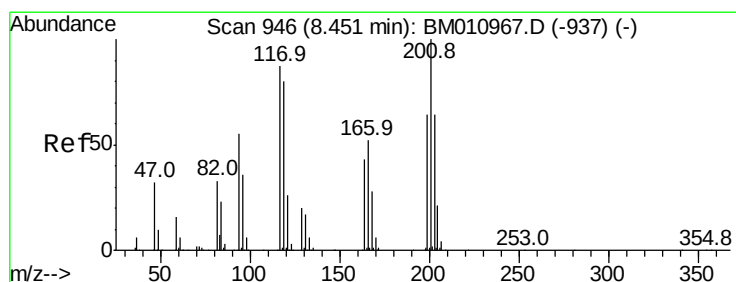
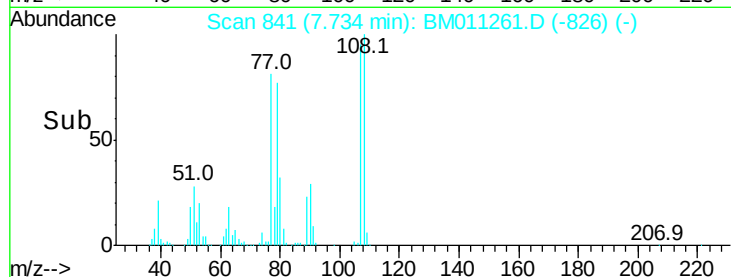
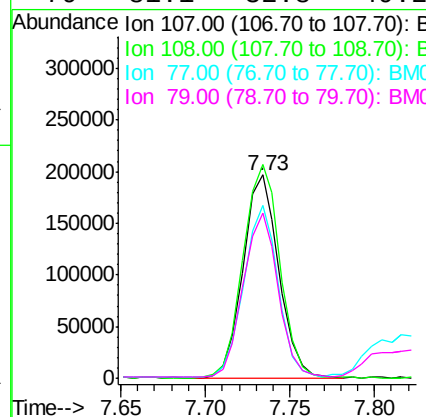
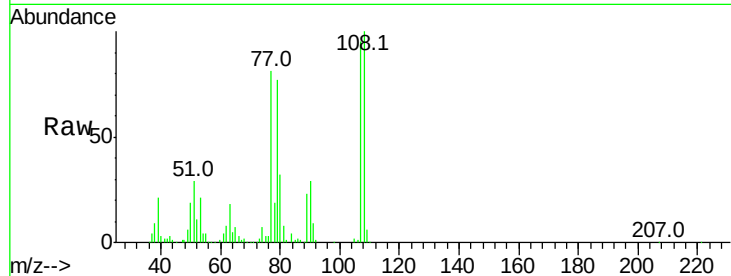
#17
2-Methylphenol
Concen: 42.192 ng
RT: 7.73 min Scan# 841
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	105.1	89.8	134.8	
77	85.2	32.6	48.8#	
79	81.1	32.8	49.2#	

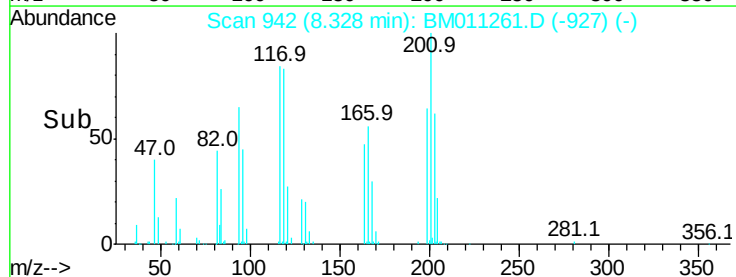
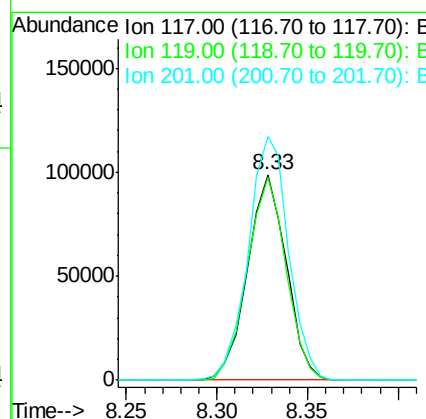
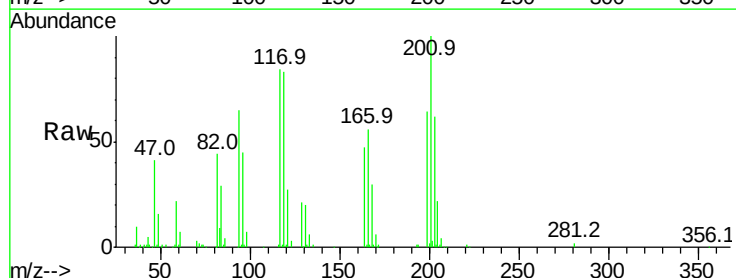
Manual Integrations
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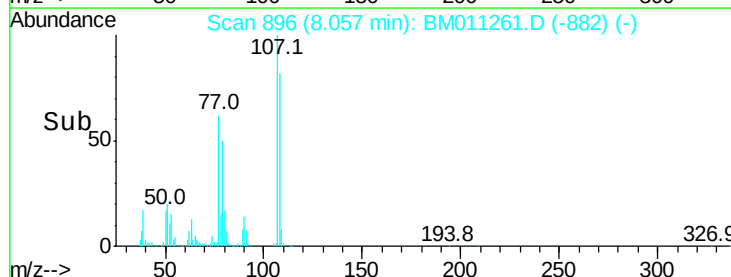
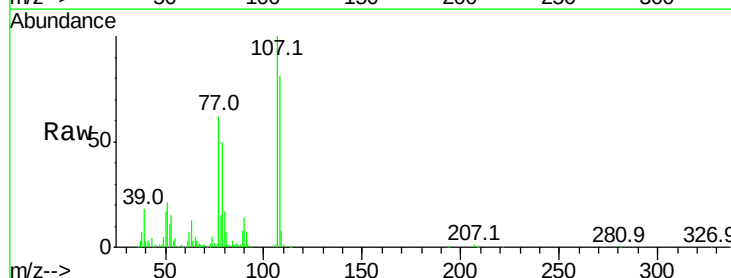
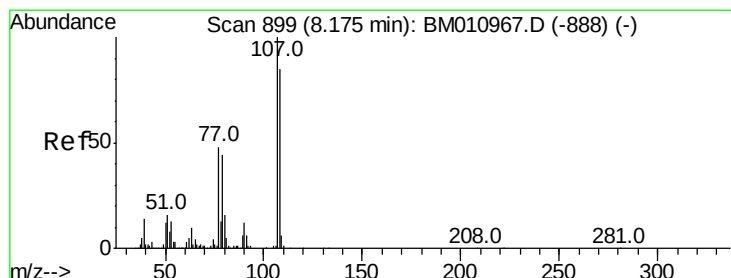
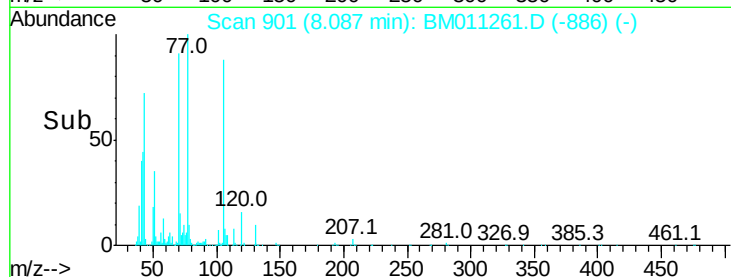
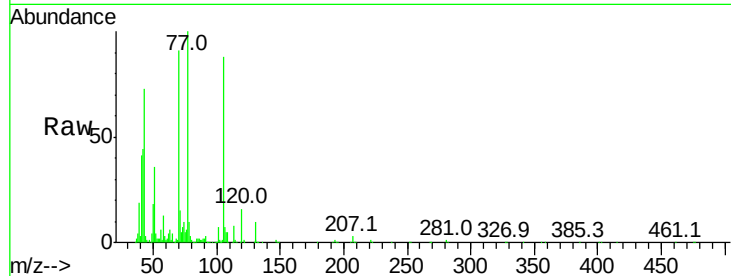
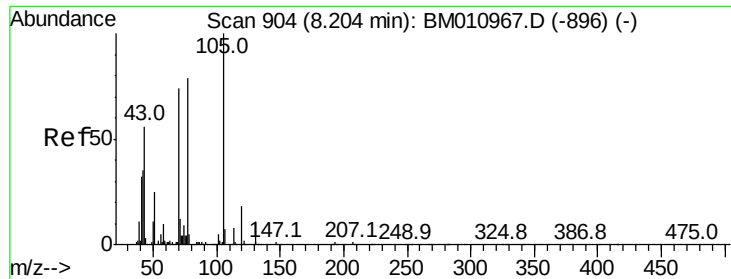
Sohil
8/17/2017 6:00:30 PM



#18
Hexachloroethane
Concen: 37.982 ng
RT: 8.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.0	79.2	118.8	
201	122.0	69.8	104.6#	





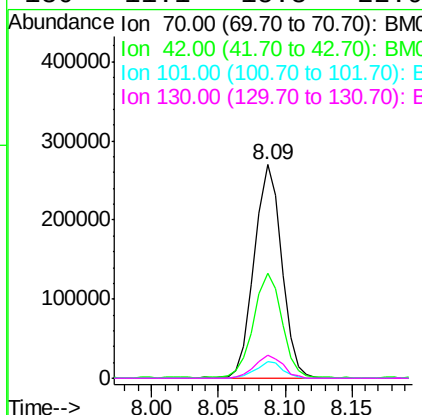
#19
n-Nitroso-di-n-propylamine
Concen: 45.534 ng
RT: 8.09 min Scan# 901
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.0	44.5	66.7
101	7.7	7.4	11.2
130	11.1	15.3	22.9#

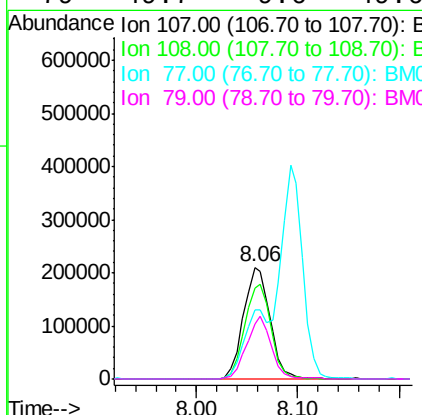
Manual Integrations
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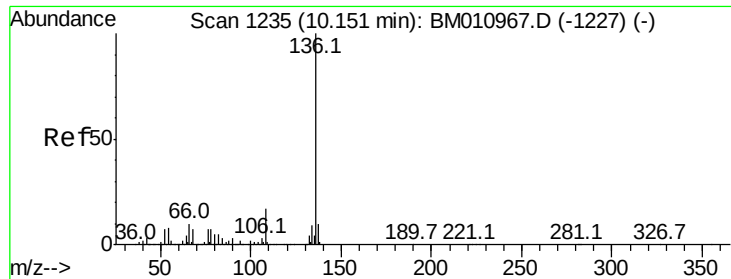
Sohil
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#20
3+4-Methylphenols
Concen: 39.929 ng
RT: 8.06 min Scan# 896
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.5	73.2	113.2
77	61.8	10.7	50.7#
79	49.7	9.6	49.6#





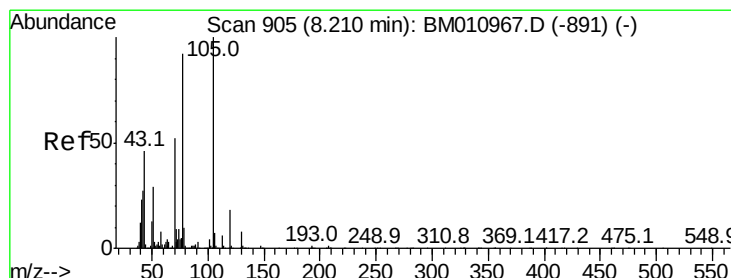
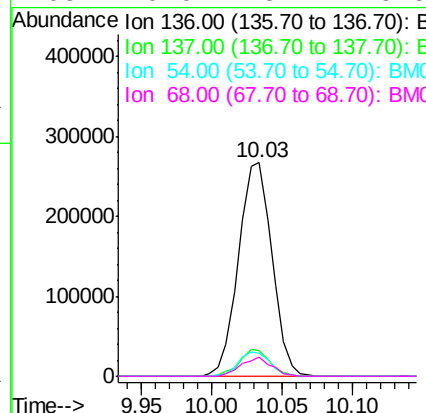
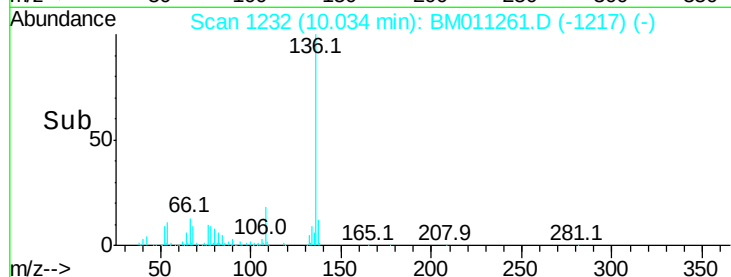
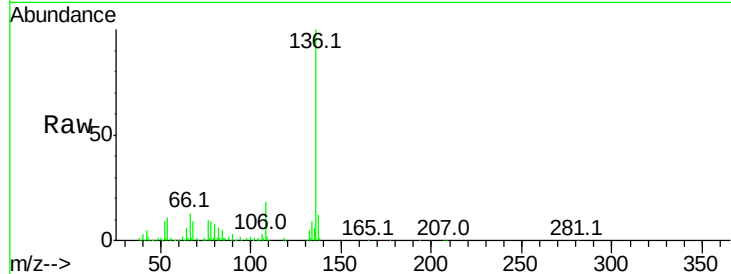
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.03 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.8	8.7	13.1	
54	10.7	4.6	6.8#	
68	9.0	3.7	5.5#	

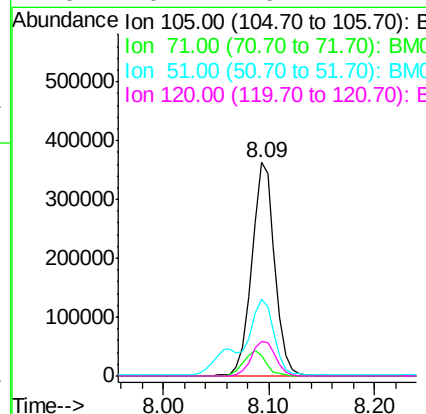
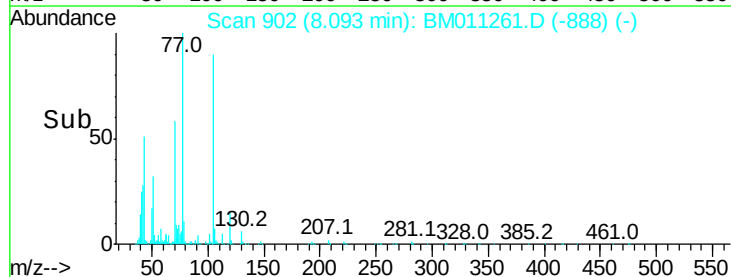
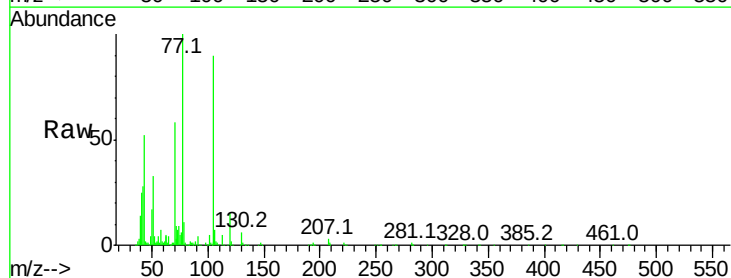
Manual Integrations
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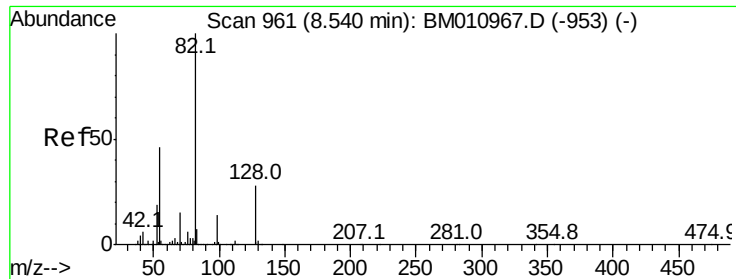
Sohil
8/17/2017 6:00:30 PM



#22
Acetophenone
Concen: 41.296 ng
RT: 8.09 min Scan# 902
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.6	0.6	1.0#	
51	36.1	21.6	32.4#	
120	16.4	16.1	24.1	





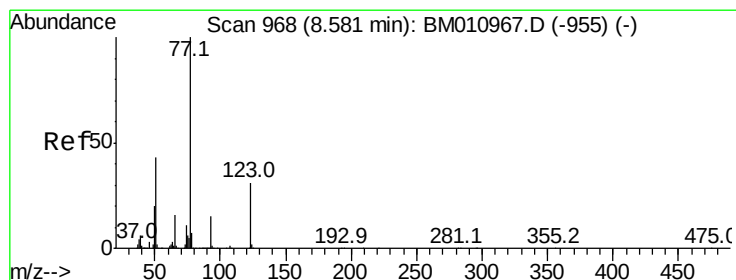
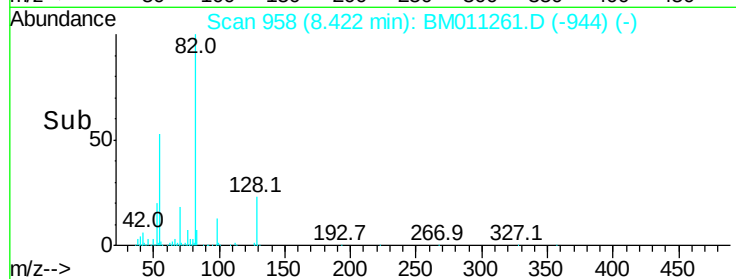
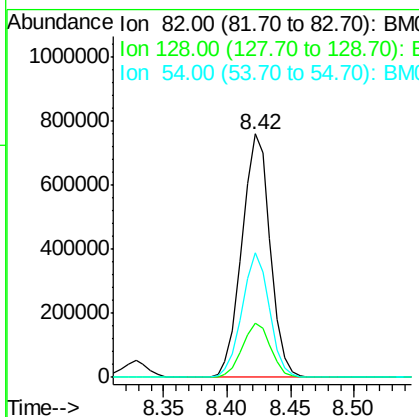
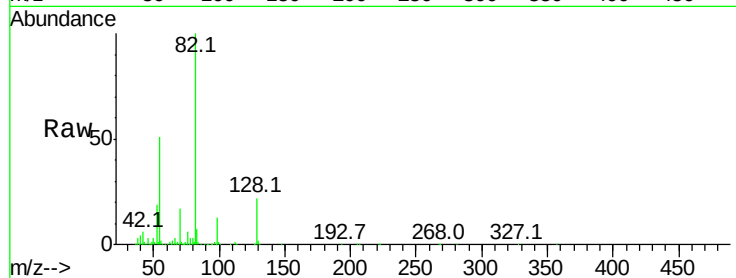
#23
Nitrobenzene-d5
Concen: 99.849 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	22.3	32.8	49.2#
54	51.0	40.6	60.8

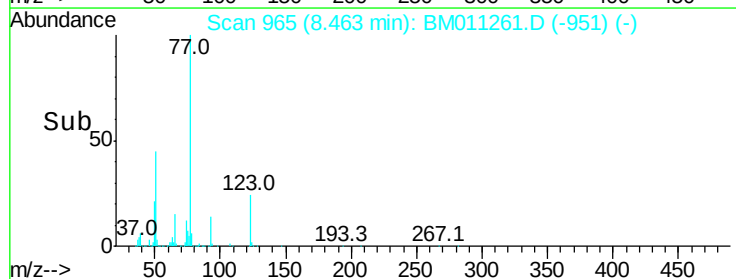
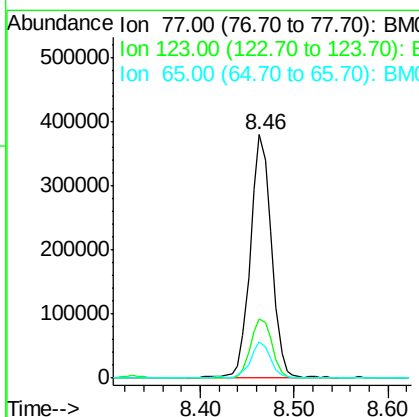
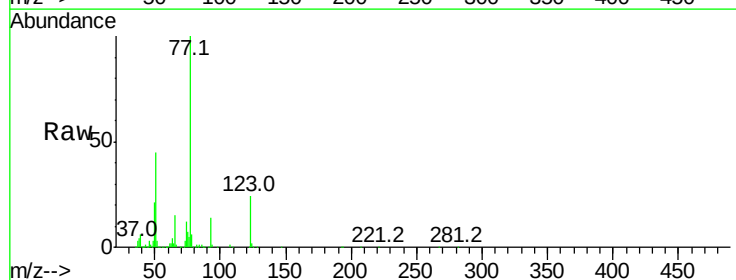
Manual Integrations
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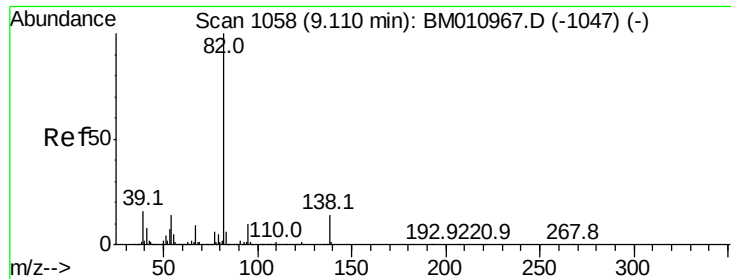
Sohil
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#24
Nitrobenzene
Concen: 48.650 ng
RT: 8.46 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	24.1	32.6	49.0#
65	15.1	10.9	16.3





#25

Isophorone

Concen: 47.633 ng

RT: 8.99 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

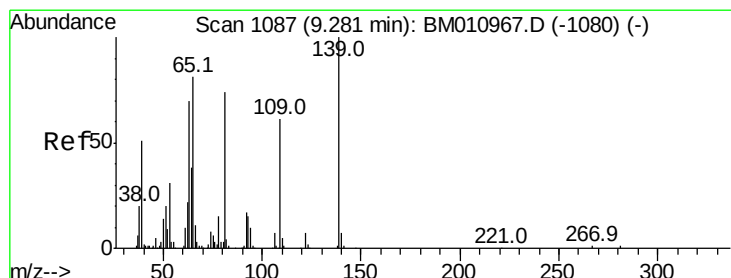
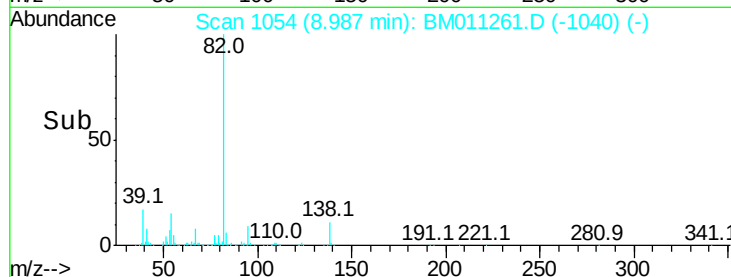
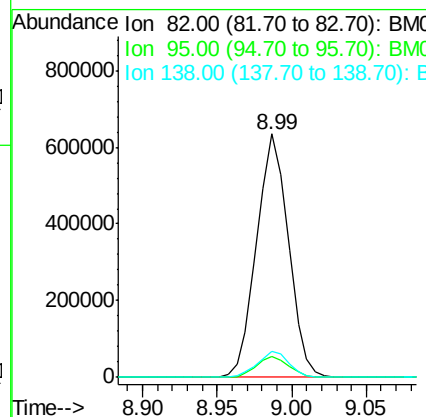
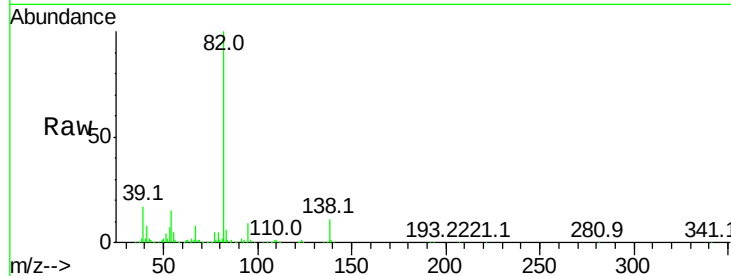
ClientSampleId :

PB101577BS

Tot Ion	82	Resp	936710
Ion Ratio	Lower	Upper	
82	100		
95	8.8	5.8	8.6#
138	10.9	16.3	24.5#

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.889 ng

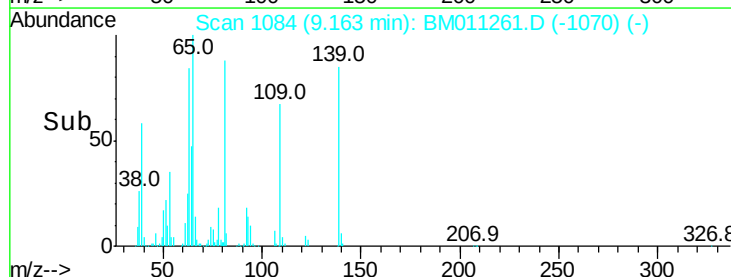
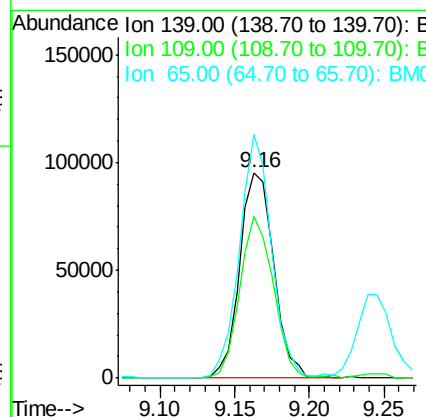
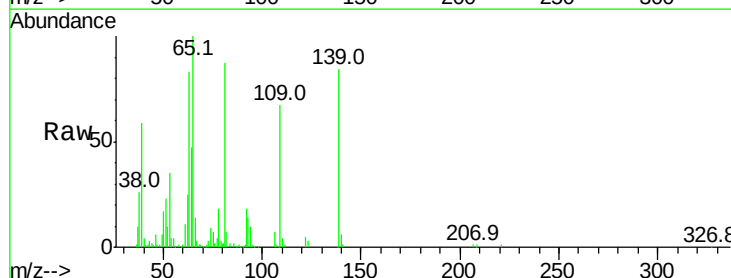
RT: 9.16 min Scan# 1084

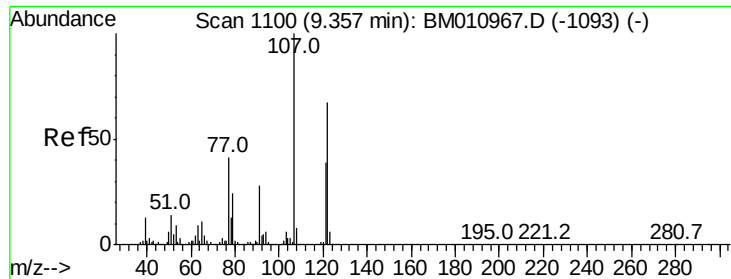
Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion	139	Resp	151234
Ion Ratio	Lower	Upper	
139	100		
109	78.9	20.1	30.1#
65	118.5	31.5	47.3#





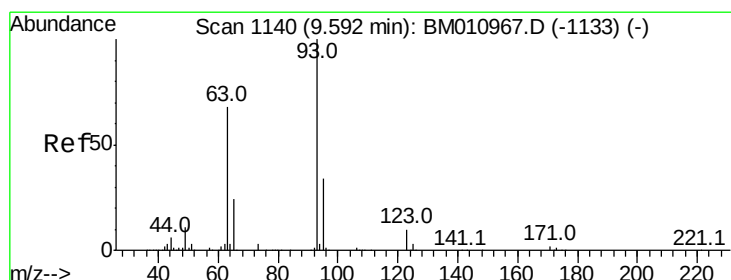
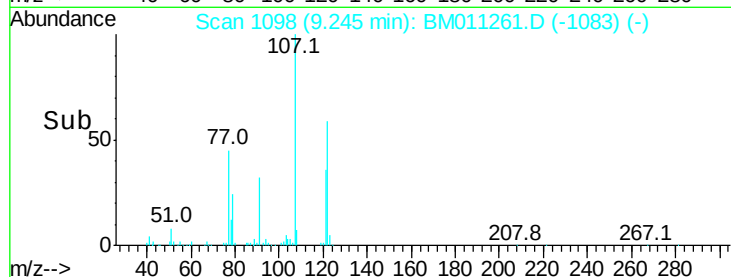
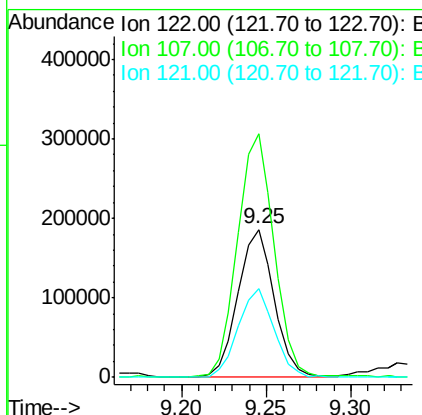
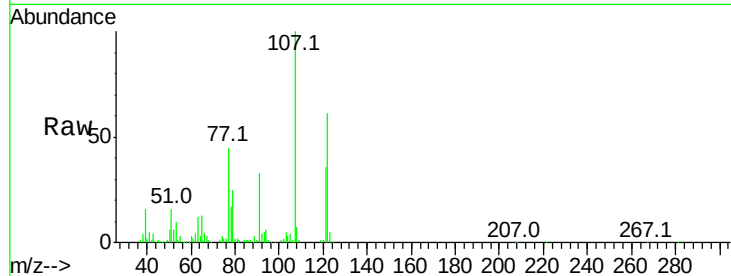
#27
 2,4-Dimethylphenol
 Concen: 40.712 ng
 RT: 9.25 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Instrument :
 BNA_M
 ClientSampleId :
 PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	278710		
107	164.9	84.7	127.1#	
121	59.7	46.6	69.8	

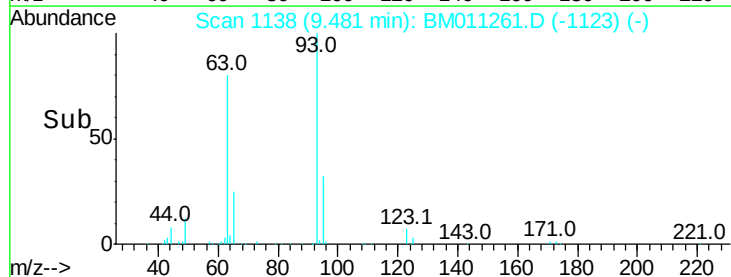
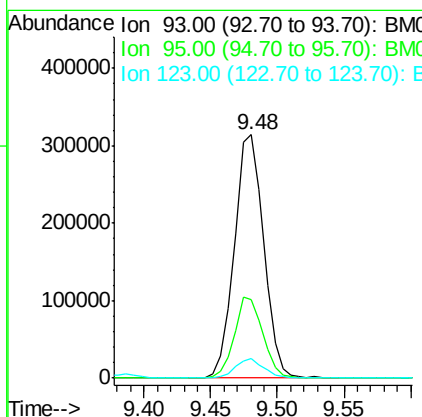
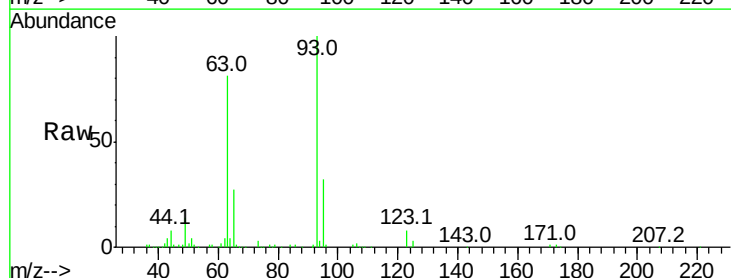
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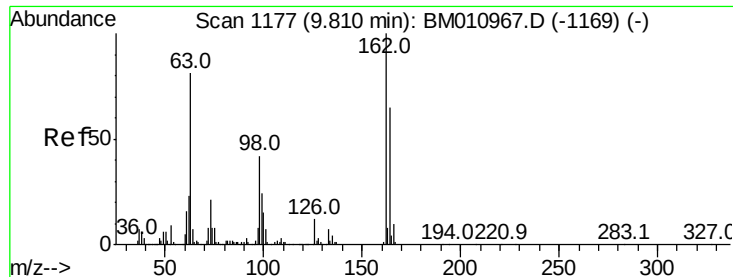
Sohil
 8/17/2017 6:00:30 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.818 ng
 RT: 9.48 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	480599		
95	32.1	25.5	38.3	
123	7.9	8.6	13.0#	





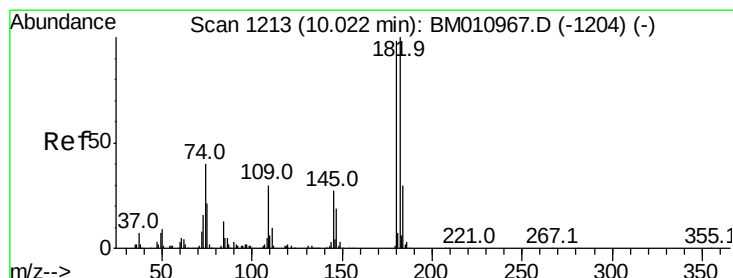
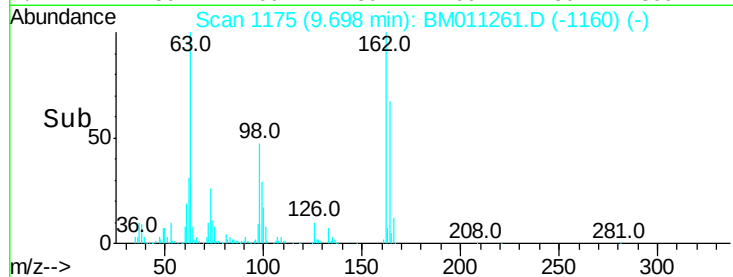
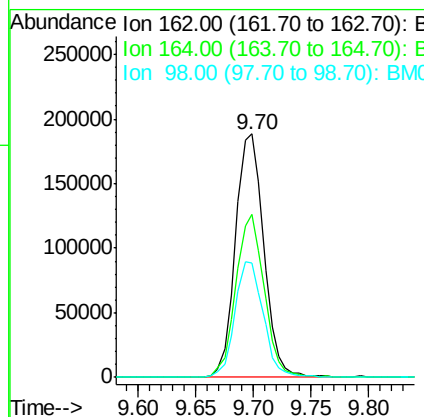
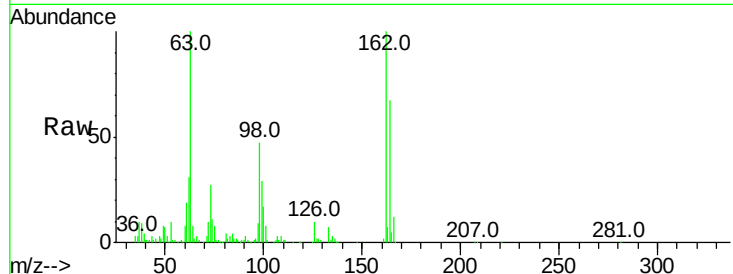
#29
2,4-Dichlorophenol
Concen: 41.949 ng
RT: 9.70 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampled :
PB101577BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	67.1	42.8	82.8
98	47.0	14.5	54.5

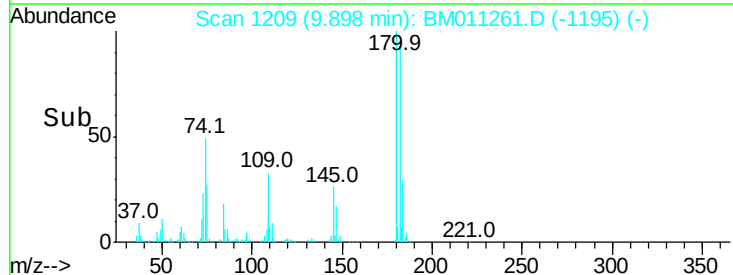
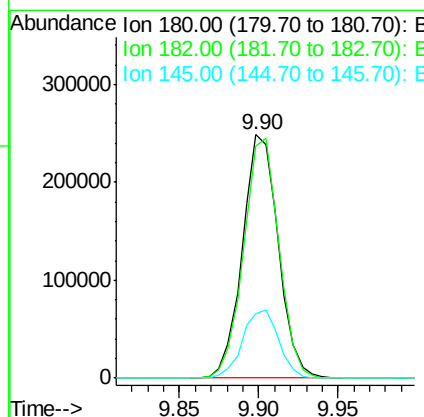
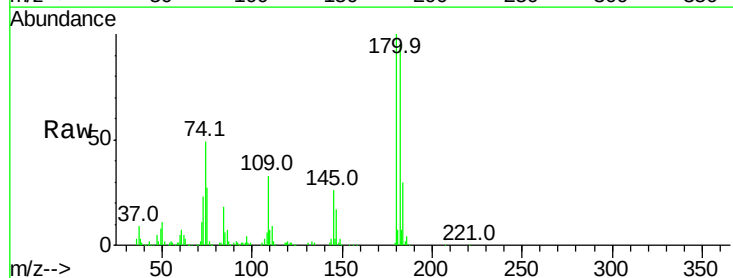
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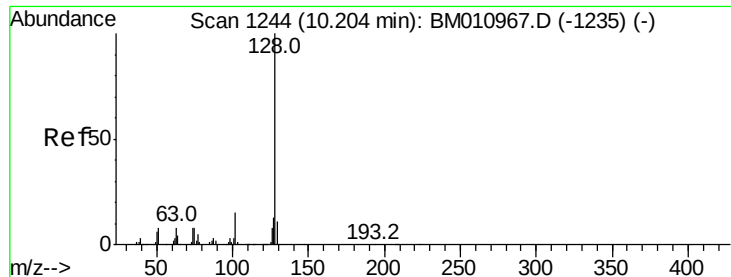
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 41.004 ng
RT: 9.90 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	77.6	116.4
145	26.4	23.4	35.2





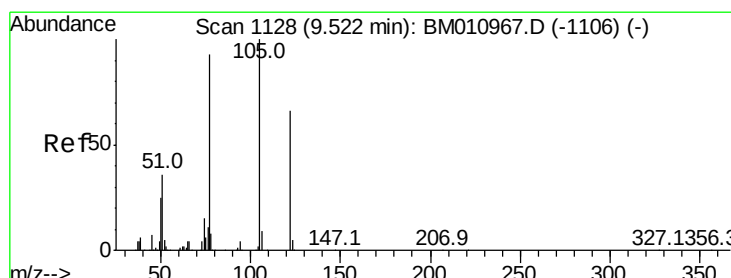
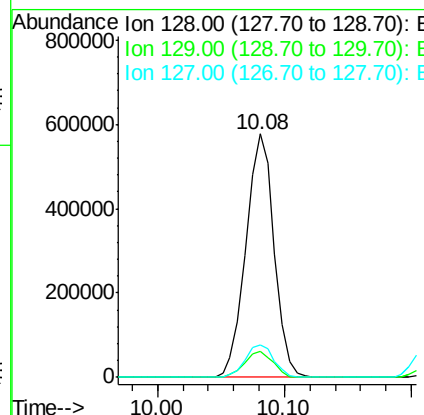
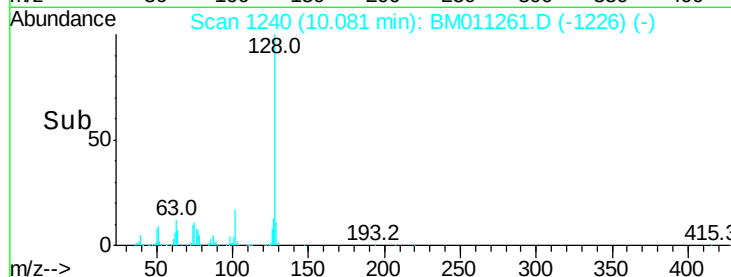
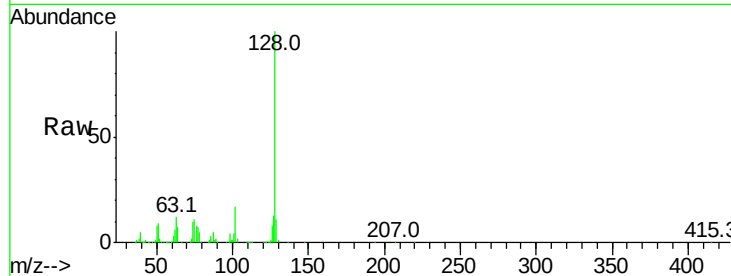
#31
Naphthalene
Concen: 39.974 ng
RT: 10.08 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	890194		
129	10.9		8.9	13.3
127	13.1		10.4	15.6

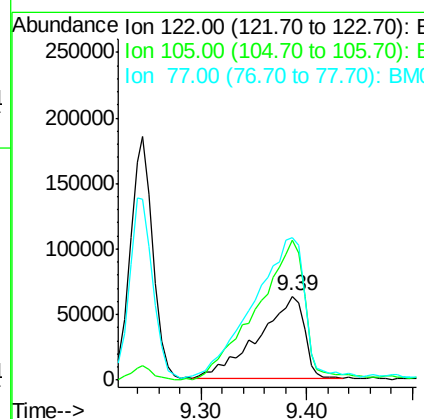
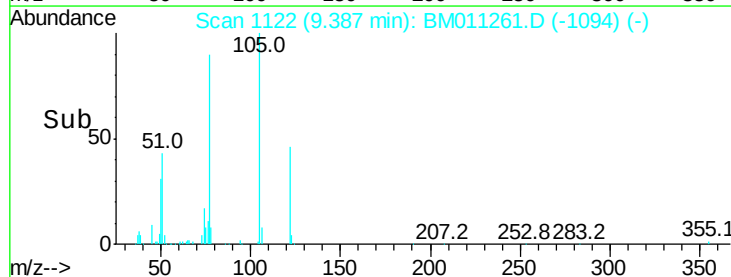
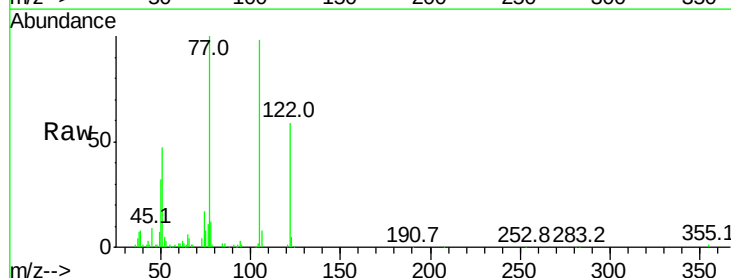
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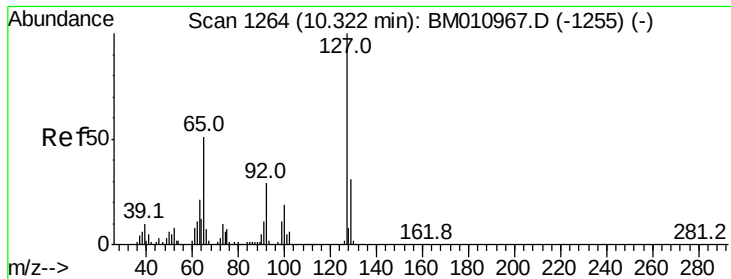
Sohil
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#32
Benzoic acid
Concen: 35.035 ng
RT: 9.39 min Scan# 1122
Delta R.T. -0.04 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	192784		
105	166.4		99.9	139.9#
77	170.0		73.7	113.7#





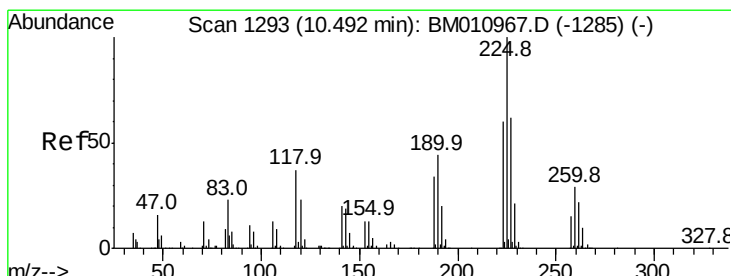
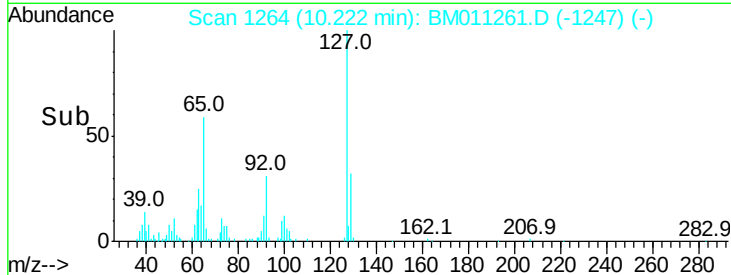
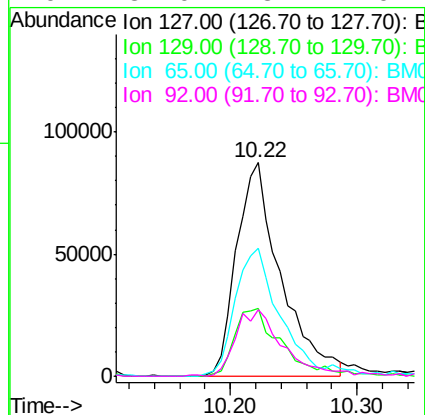
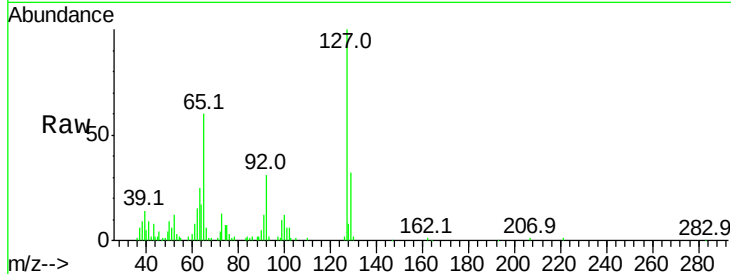
#33
4-Chloroaniline
Concen: 23.751 ng
RT: 10.22 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.0	25.3	37.9
65	60.0	17.6	26.4
92	31.0	13.1	19.7

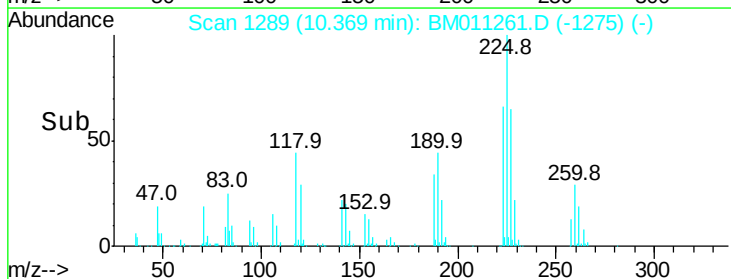
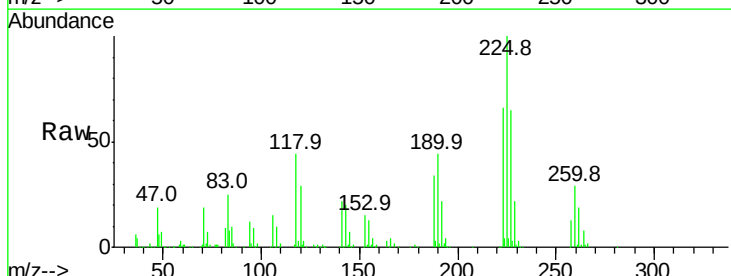
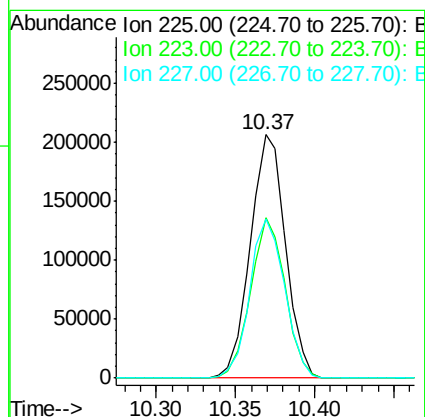
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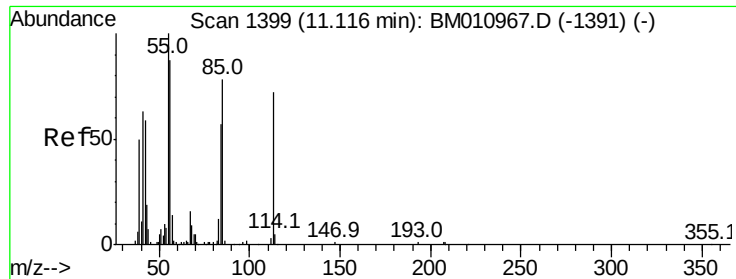
Sohil
8/17/2017 6:00:30 PM



#34
Hexachlorobutadiene
Concen: 42.479 ng
RT: 10.37 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	65.7	47.9	71.9
227	65.3	50.1	75.1





#35

Caprolactam

Concen: 50.232 ng/mL

RT: 11.00 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

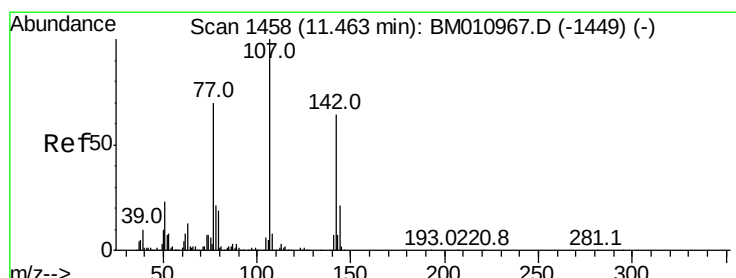
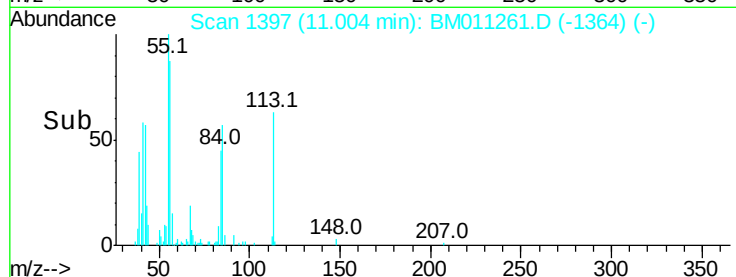
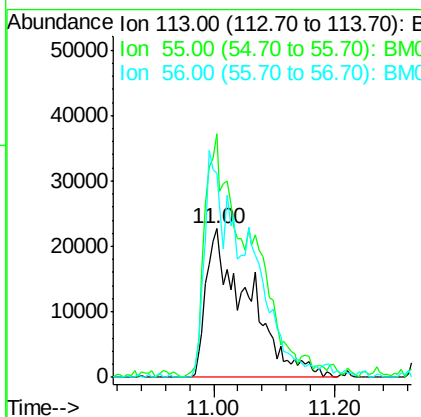
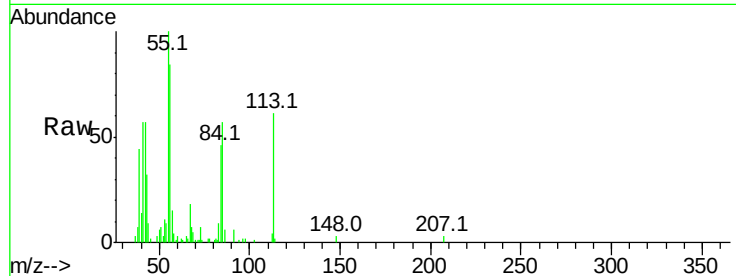
ClientSampleID :

PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109585		
55	163.6	145.9	185.9	
56	137.1	101.0	141.0	

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8/17/2017 6:00:30 PM



#36

4-Chloro-3-methylphenol

Concen: 44.204 ng/mL

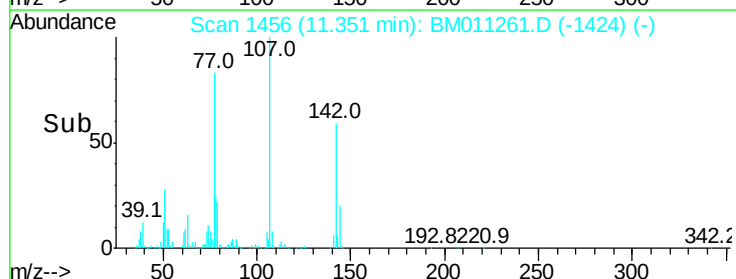
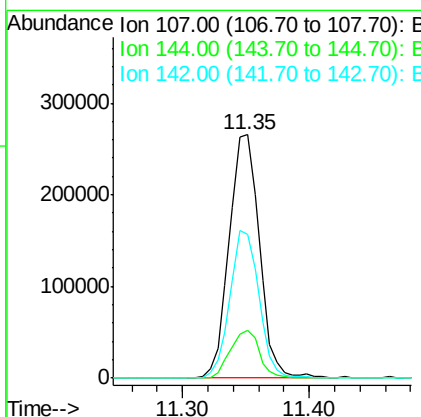
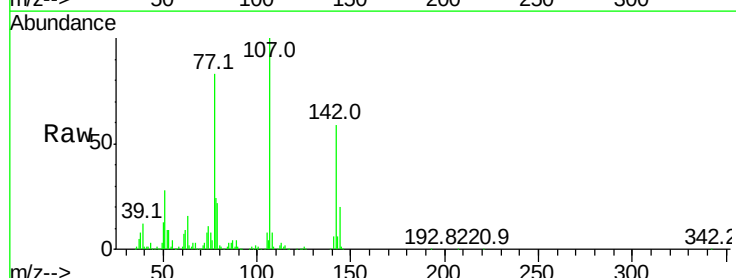
RT: 11.35 min Scan# 1456

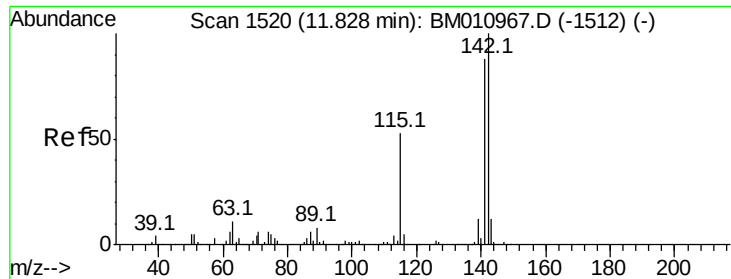
Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	439085		
144	19.8	23.3	34.9#	
142	59.2	72.6	109.0#	





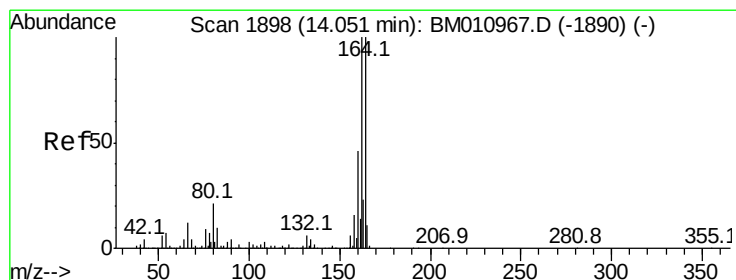
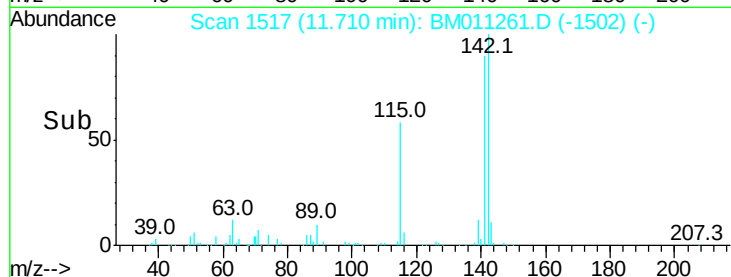
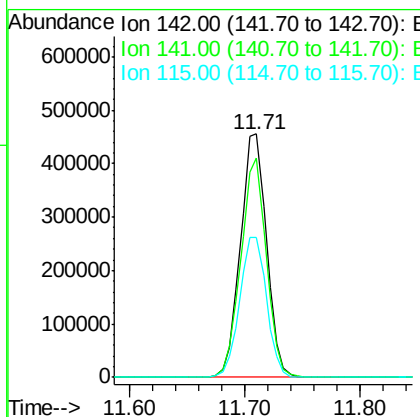
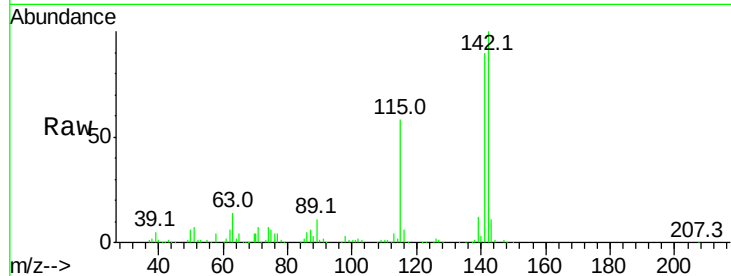
#37
2-Methylnaphthalene
Concen: 43.999 ng
RT: 11.71 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	719789		
141	89.9	71.9	107.9	
115	57.7	25.4	38.0	

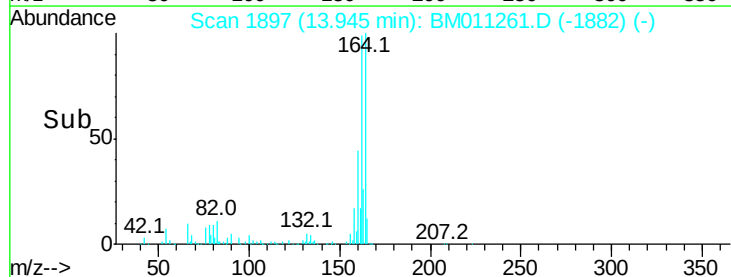
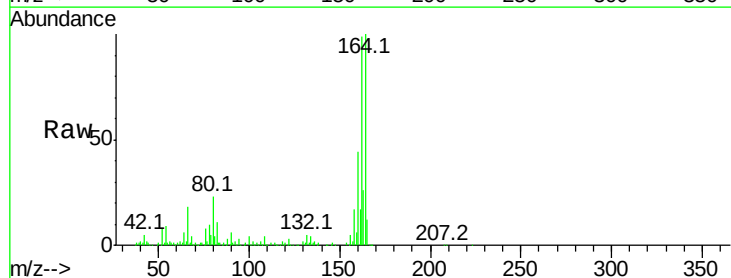
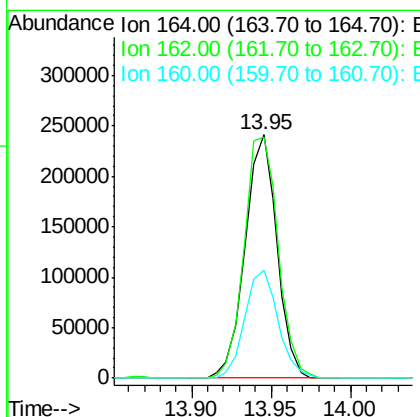
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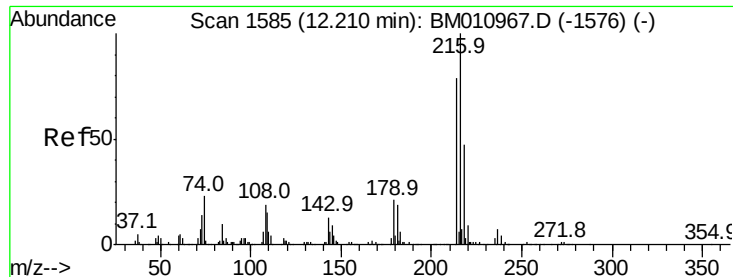
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.95 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	335098		
162	99.2	82.4	123.6	
160	44.2	35.8	53.6	





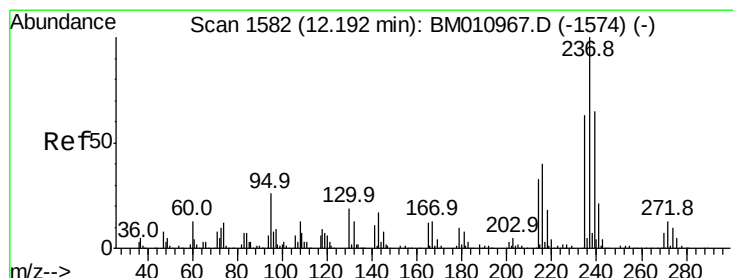
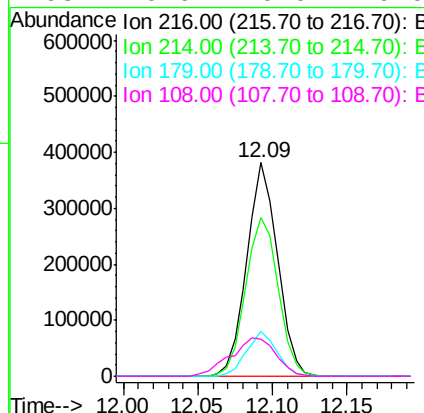
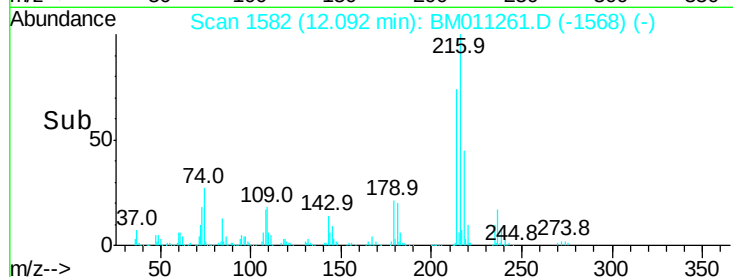
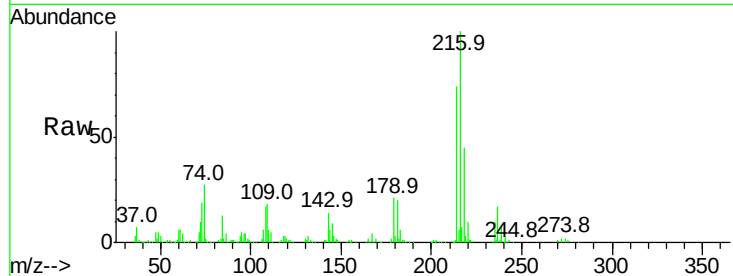
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.816 ng
 RT: 12.09 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Instrument :
 BNA_M
 ClientSampled :
 PB101577BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.3	0.0	0.0#
179	20.6	0.0	0.0#
108	26.6	0.0	0.0#

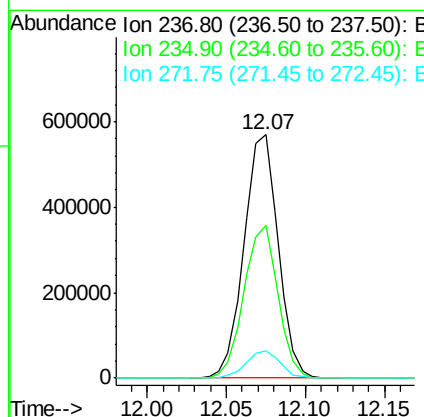
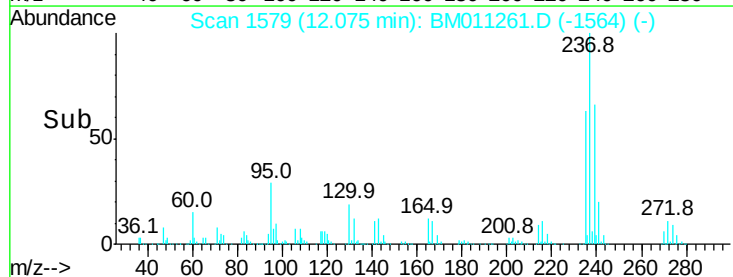
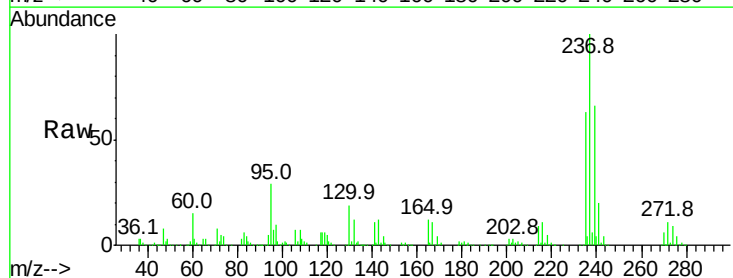
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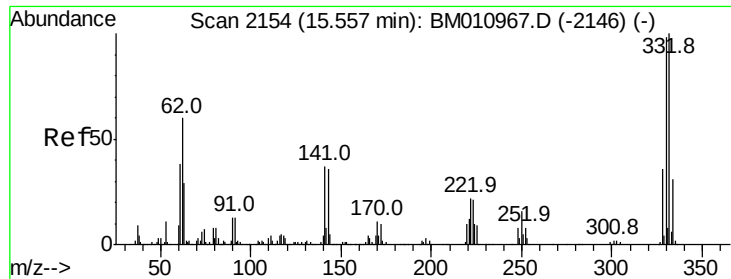
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 101.553 ng
 RT: 12.07 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	42.0	82.0
272	11.2	0.0	33.4





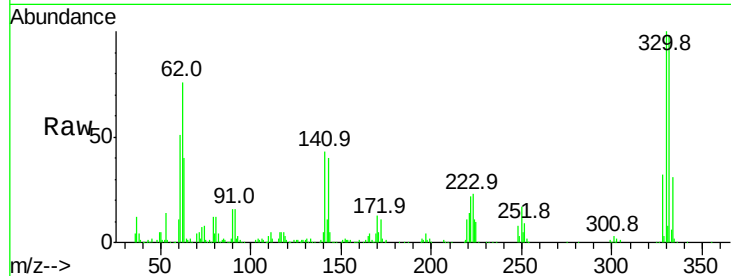
#41
 2,4,6-Tribromophenol
 Concen: 90.163 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Instrument :
 BNA_M
 ClientSampleID :
 PB101577BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.4	0.0	0.0#
141	45.1	0.0	0.0#

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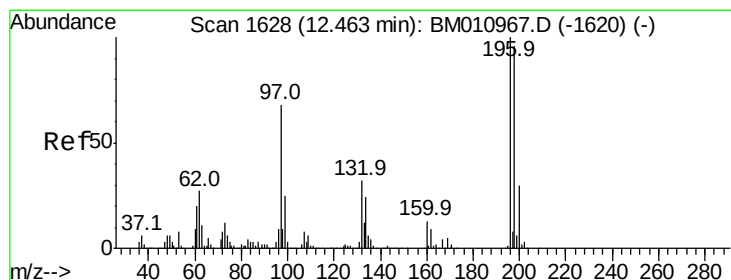
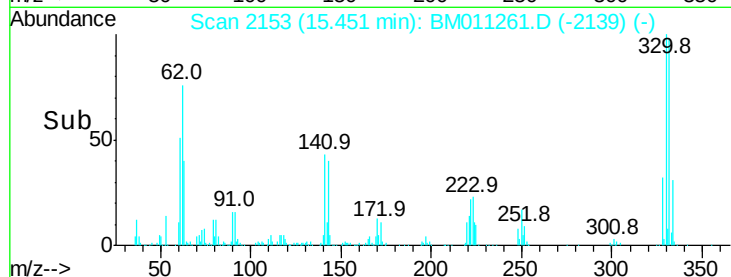
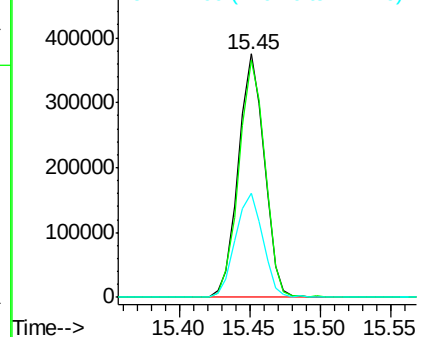


Abundance

Ion 329.80 (329.50 to 330.50): E

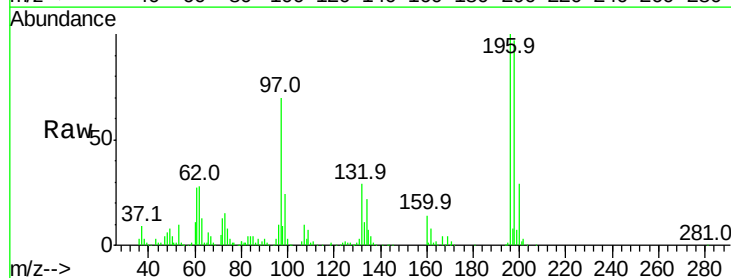
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.213 ng
 RT: 12.35 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.4	76.3	114.5
200	28.7	25.6	38.4

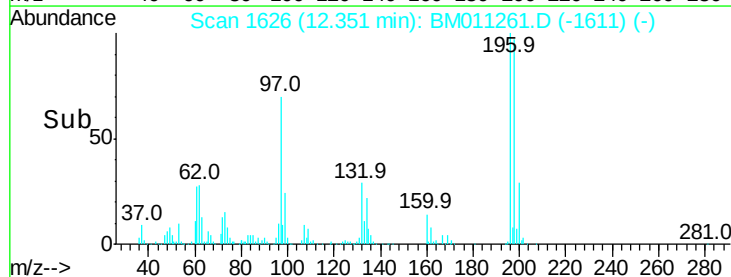
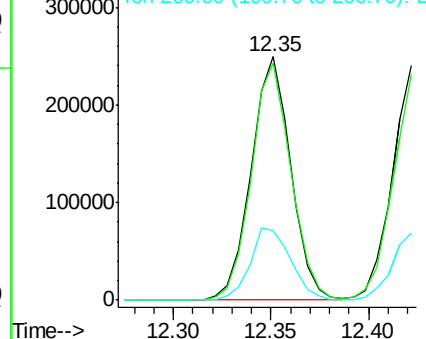


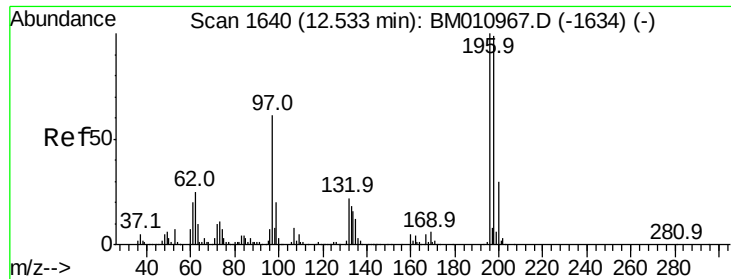
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





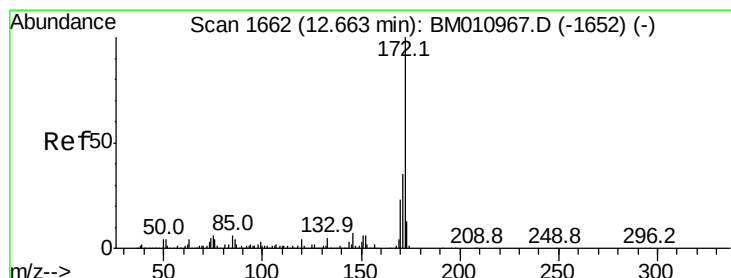
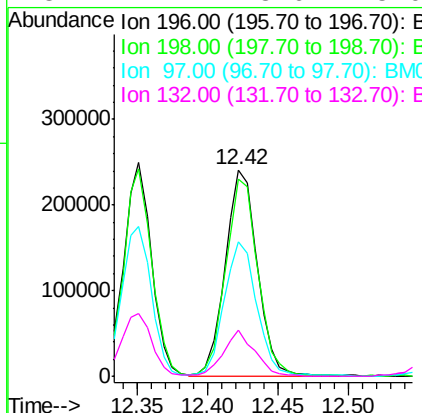
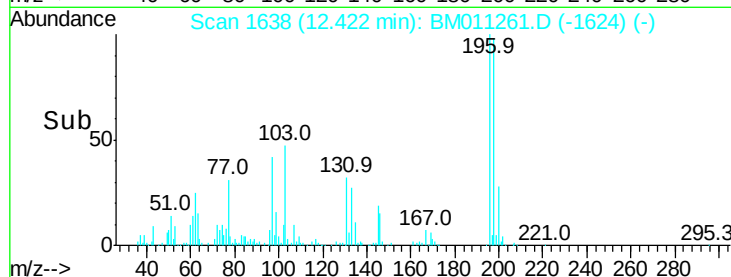
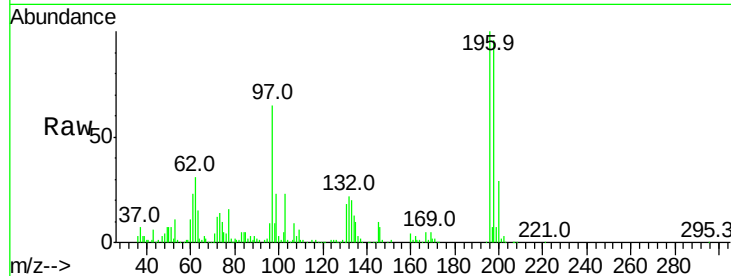
#43
2,4,5-Trichlorophenol
Concen: 42.484 ng
RT: 12.42 min Scan# 1638
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.8	79.4	119.0	
97	65.4	26.8	40.2	
132	22.4	18.6	28.0	

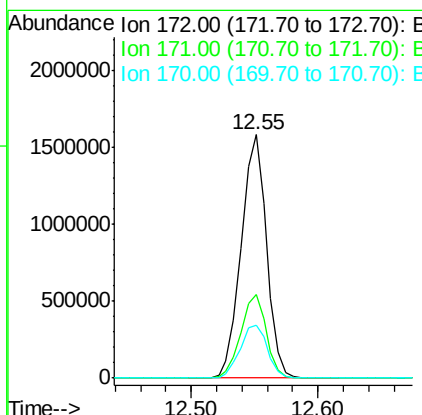
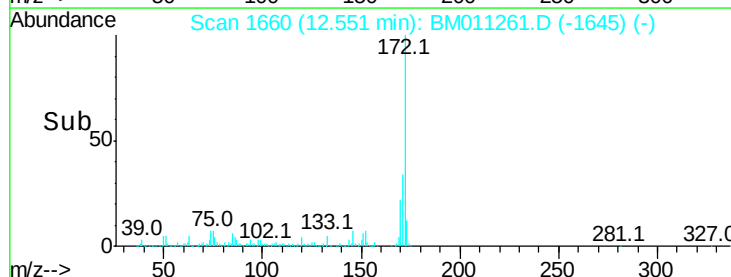
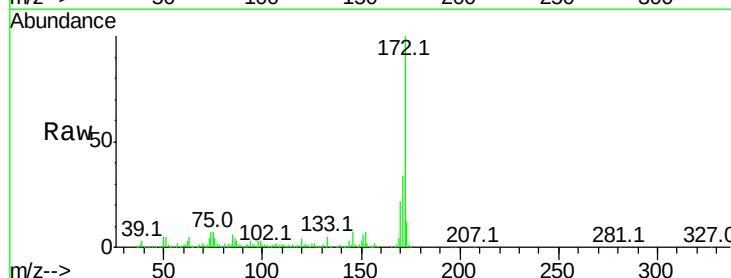
Manual Integrations
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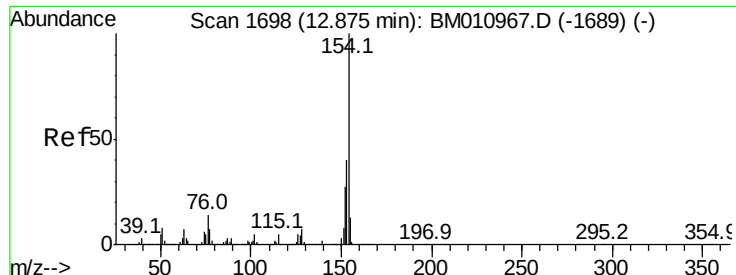
Sohil
8/17/2017 6:00:30 PM



#44
2-Fluorobiphenyl
Concen: 81.771 ng
RT: 12.55 min Scan# 1660
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.3	28.5	42.7	
170	21.9	18.8	28.2	





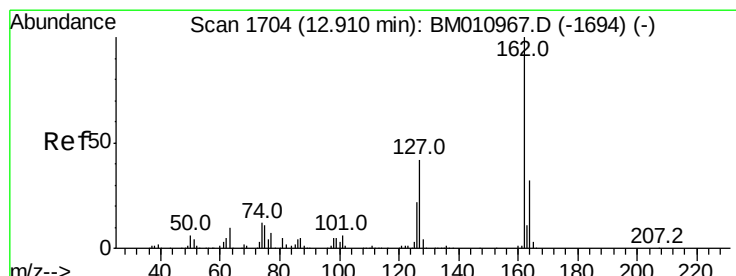
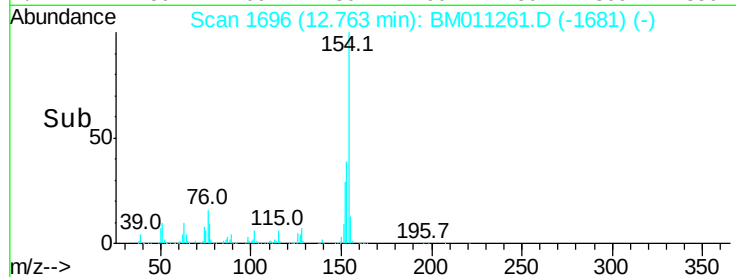
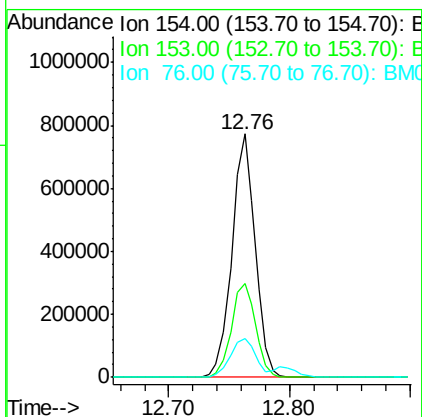
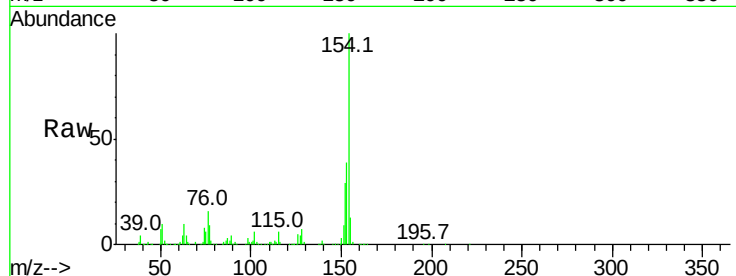
#45
 1,1'-Biphenyl
 Concen: 35.630 ng
 RT: 12.76 min Scan# 1696
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Instrument :
 BNA_M
 ClientSampleId :
 PB101577BS

Tot Ion:	154	Resp:	1032378
Ion	Ratio	Lower	Upper
154	100		
153	38.5	20.7	60.7
76	16.0	0.0	30.9

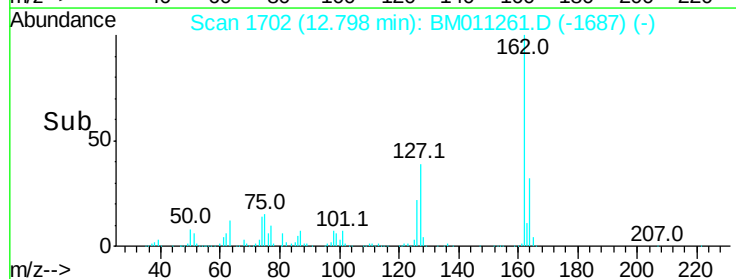
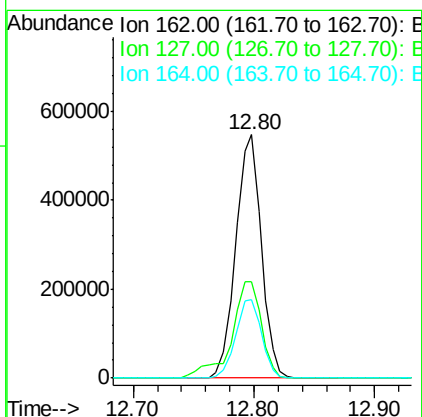
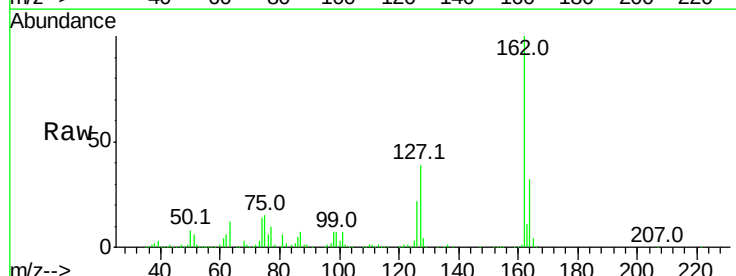
Manual Integrations
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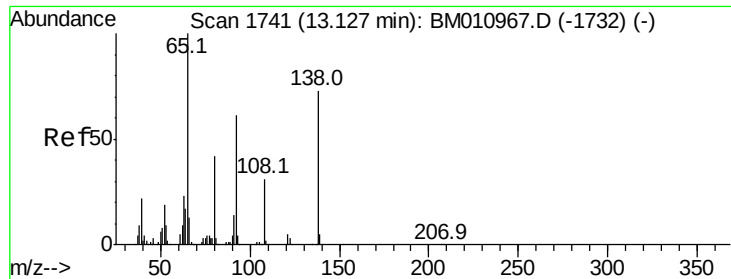
Sohil
 8/17/2017 6:00:30 PM



#46
 2-Chloronaphthalene
 Concen: 37.861 ng
 RT: 12.80 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Tgt Ion:	162	Resp:	808286
Ion	Ratio	Lower	Upper
162	100		
127	39.4	26.9	40.3
164	32.4	26.8	40.2





#47

2-Nitroaniline

Concen: 55.083 ng

RT: 13.02 min Scan# 1740

Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

ClientSampleId :

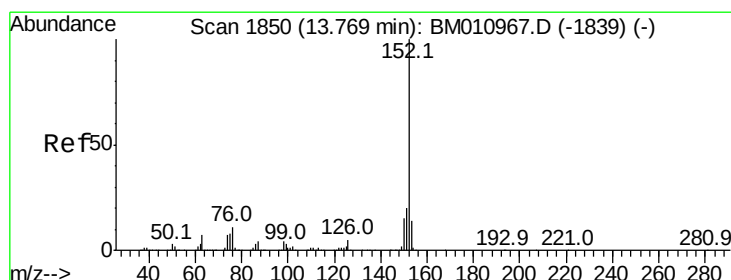
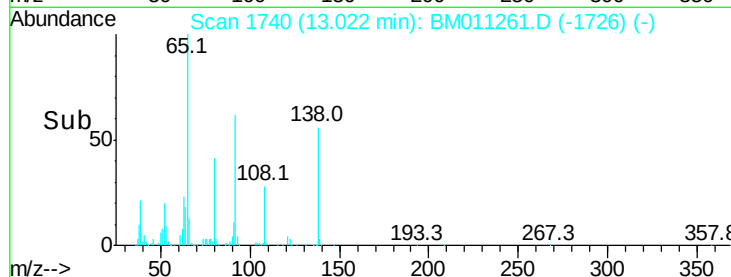
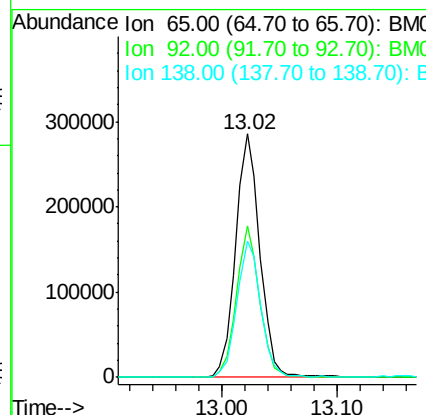
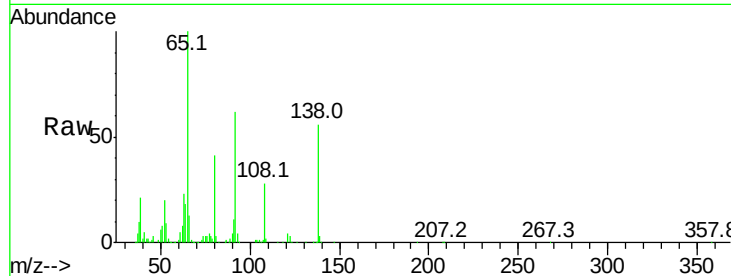
PB101577BS

Tot Ion: 65 Resp: 416025
Ion Ratio Lower Upper

65	100		
92	62.4	59.1	88.7
138	55.9	93.9	140.9

Manual Integrations
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Sohil
8/17/2017 6:00:30 PM



#48

Acenaphthylene

Concen: 39.601 ng

RT: 13.66 min Scan# 1848

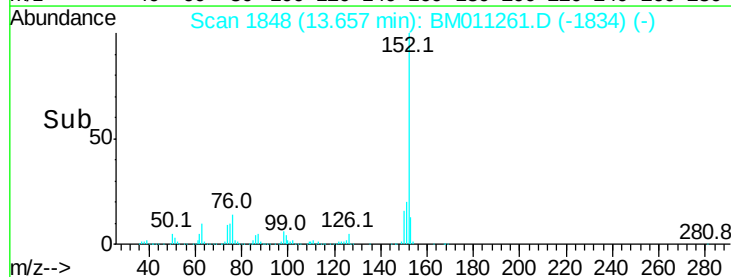
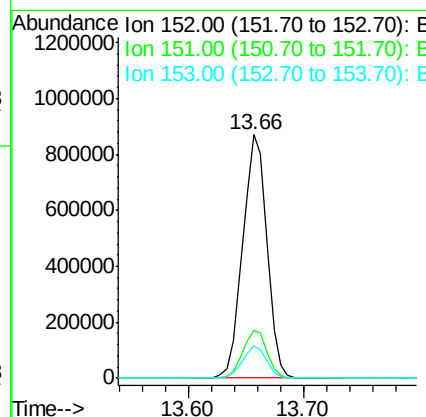
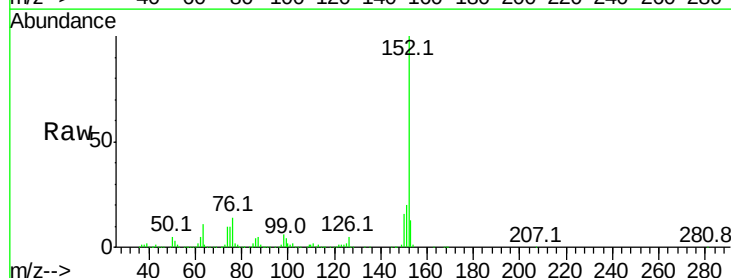
Delta R.T. -0.02 min

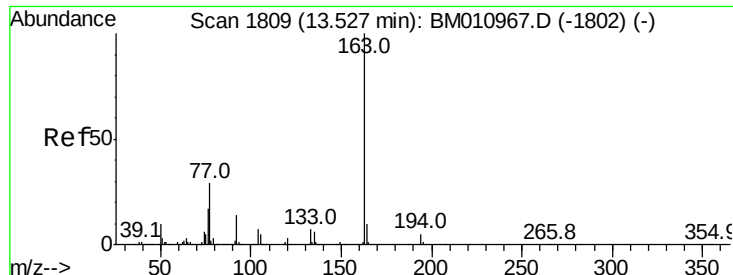
Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion: 152 Resp: 1261699
Ion Ratio Lower Upper

152	100		
151	19.9	15.9	23.9
153	13.3	10.6	16.0





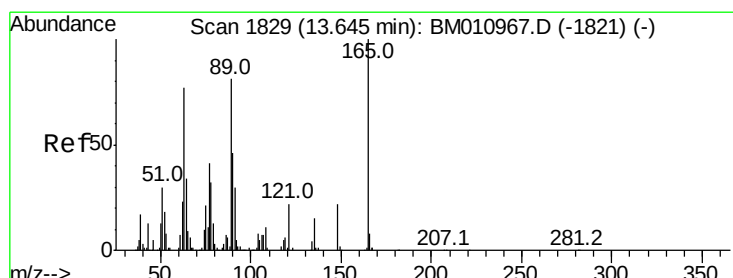
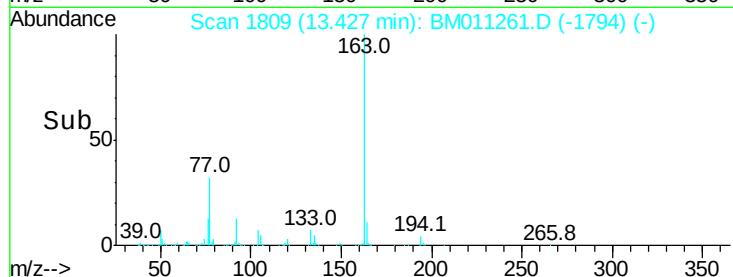
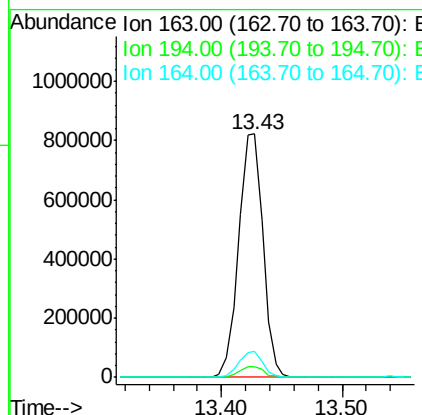
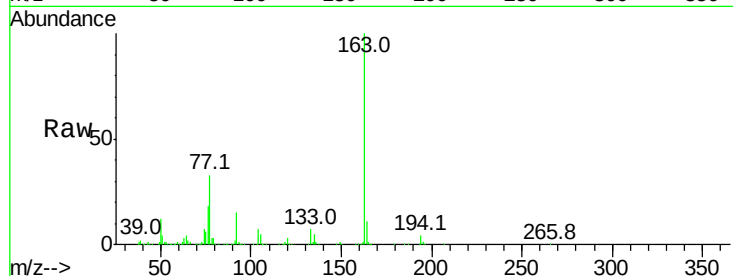
#49
Dimethylphthalate
Concen: 40.482 ng
RT: 13.43 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampled :
PB101577BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.8	8.2	12.2

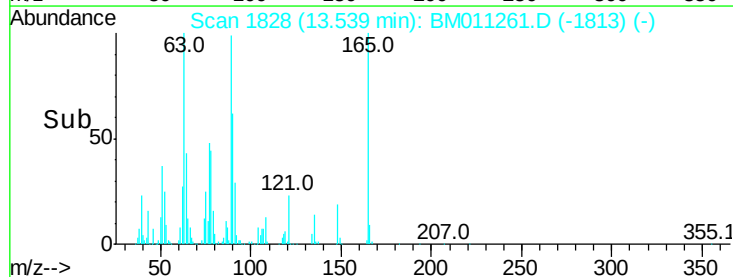
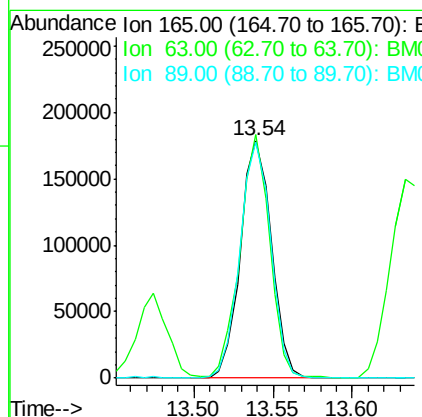
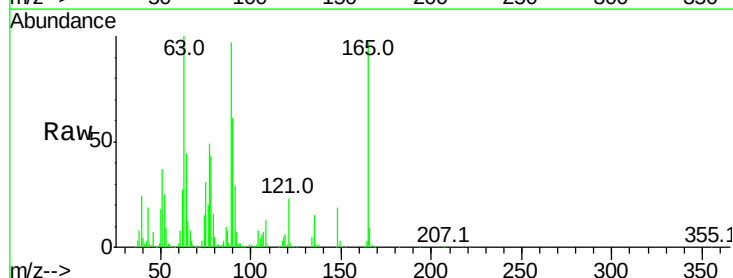
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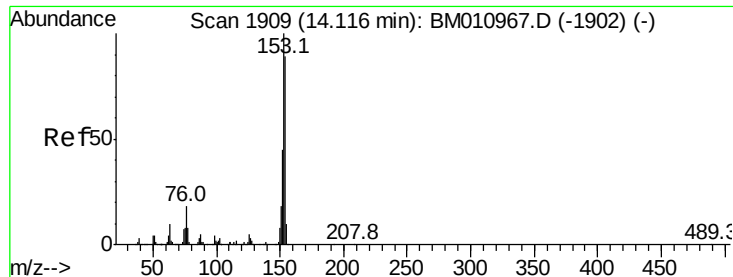
Sohil
8/17/2017 6:00:30 PM



#50
2,6-Dinitrotoluene
Concen: 41.935 ng
RT: 13.54 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	102.6	44.1	66.1#
89	99.6	44.3	66.5#





#51

Acenaphthene

Concen: 39.016 ng

RT: 14.01 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

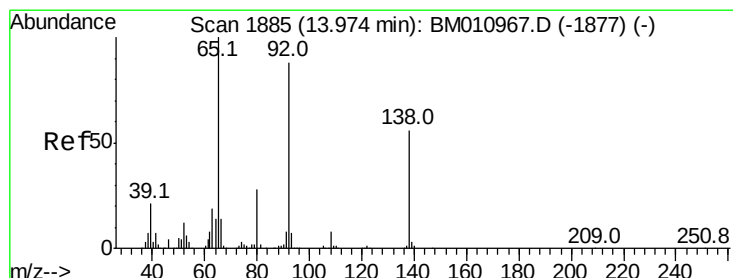
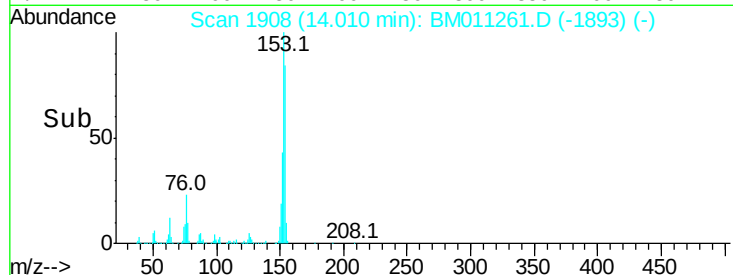
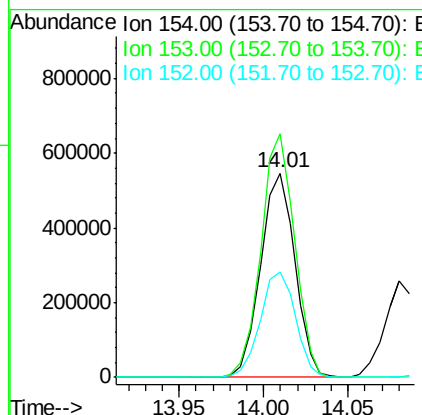
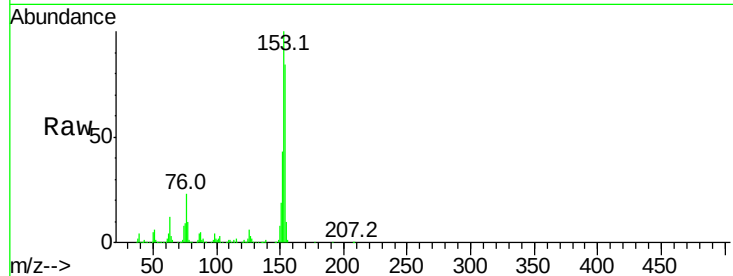
ClientSampleId :

PB101577BS

Tot Ion:	154	Resp:	769691
Ion Ratio	Lower	Upper	
154	100		
153	119.3	90.0	135.0
152	51.9	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 37.912 ng

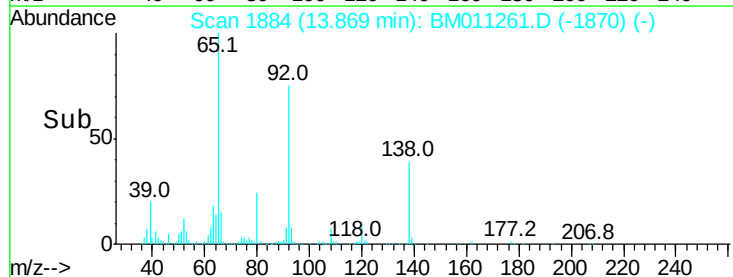
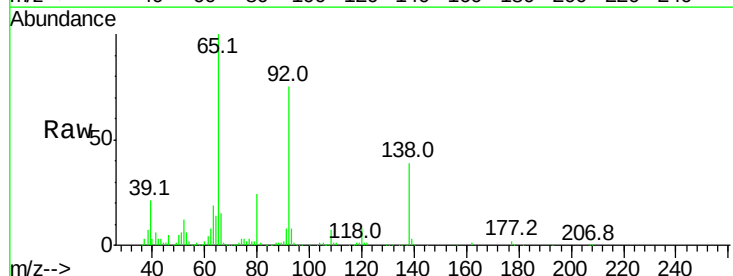
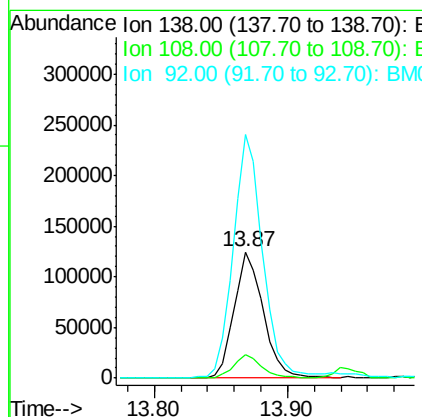
RT: 13.87 min Scan# 1884

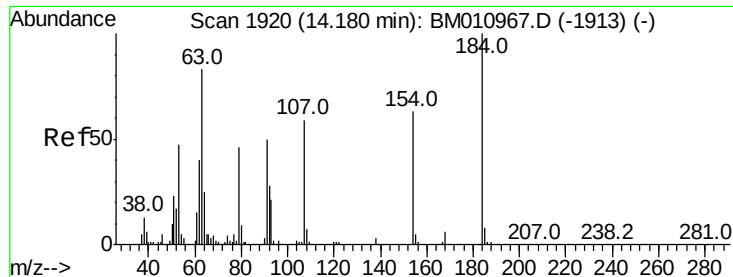
Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion:	138	Resp:	190709
Ion Ratio	Lower	Upper	
138	100		
108	18.3	7.3	10.9#
92	193.0	76.6	114.8#





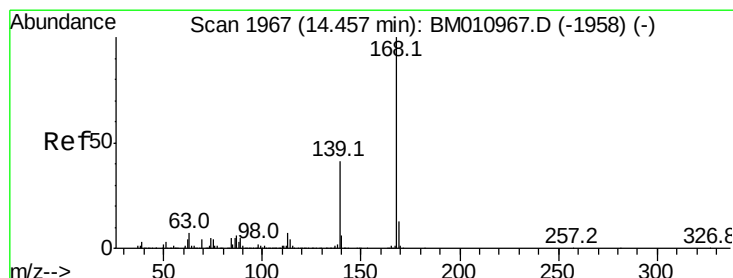
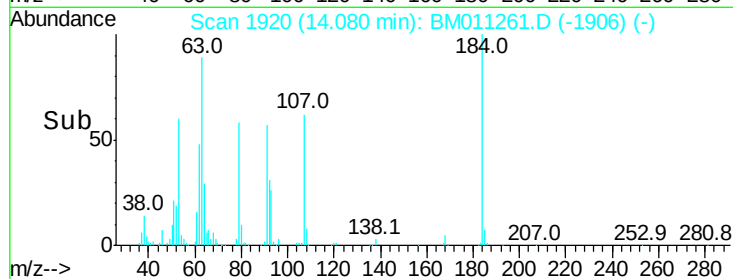
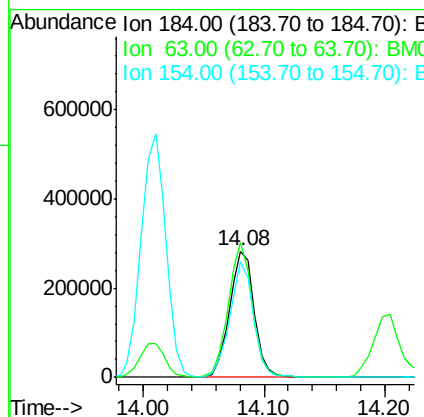
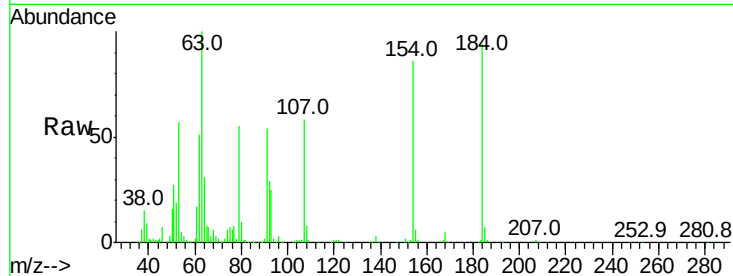
#53
2,4-Dinitrophenol
Concen: 97.732 ng
RT: 14.08 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	402633		
63	106.3	69.2	103.8#	
154	91.0	53.3	79.9#	

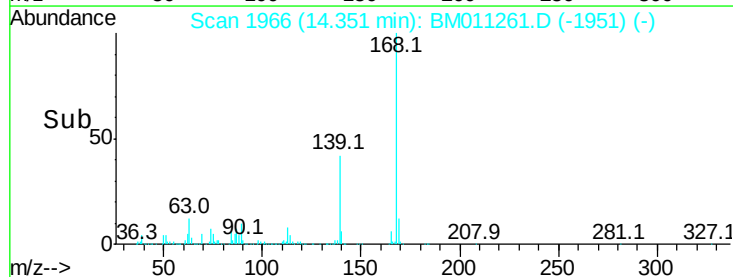
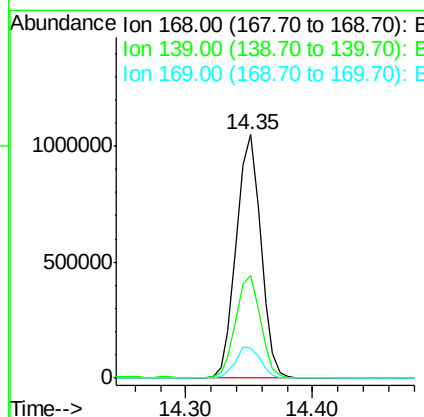
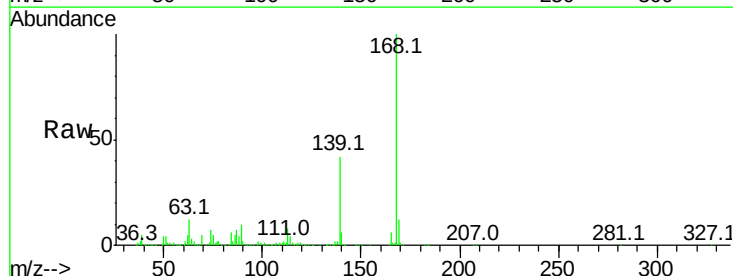
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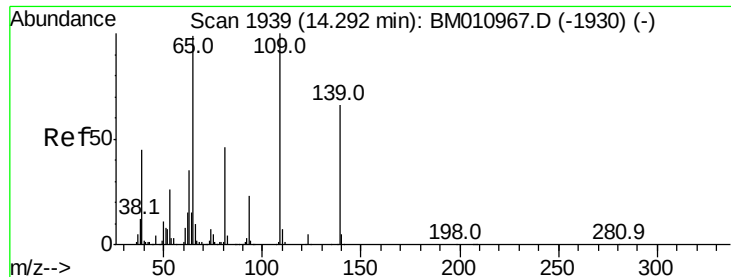
Sohil
8/17/2017 6:00:30 PM



#54
Dibenzofuran
Concen: 43.802 ng
RT: 14.35 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1400112		
139	42.3	27.3	40.9#	
169	12.4	10.6	16.0	





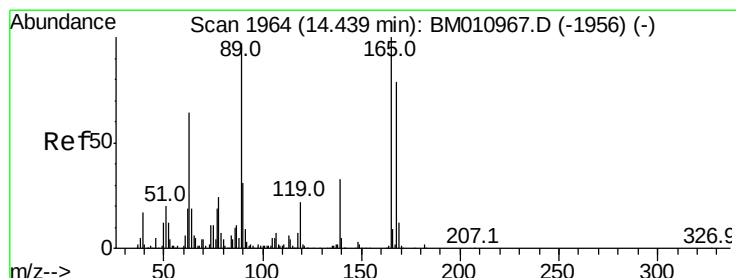
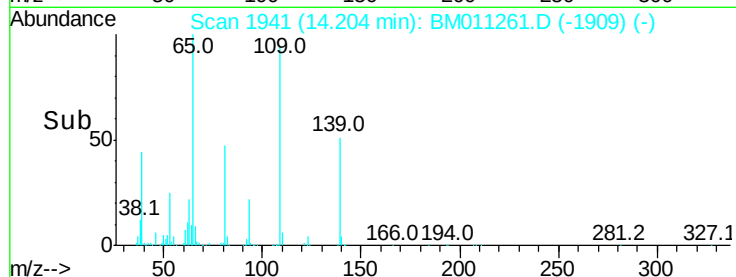
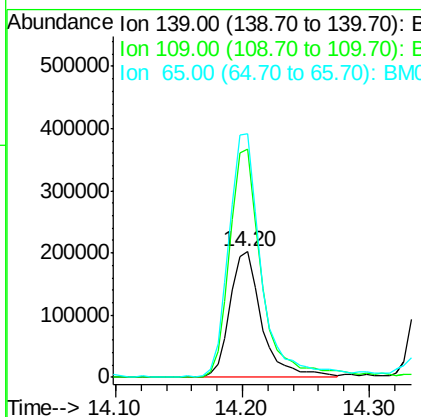
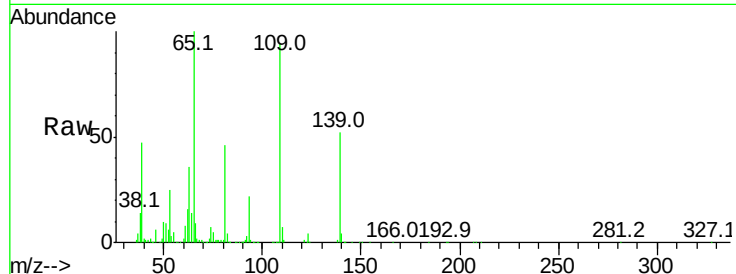
#55
4-Nitrophenol
Concen: 79.171 ng
RT: 14.20 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampled :
PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	181.5	130.0	170.0#	
65	194.0	130.0	170.0#	

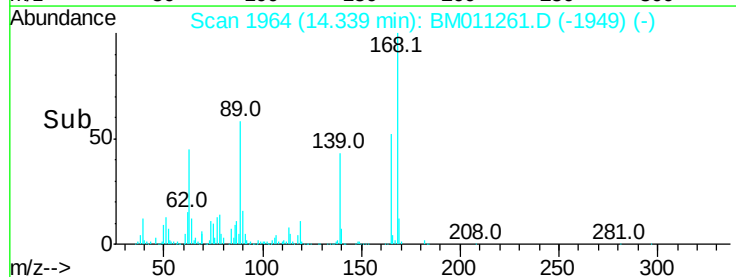
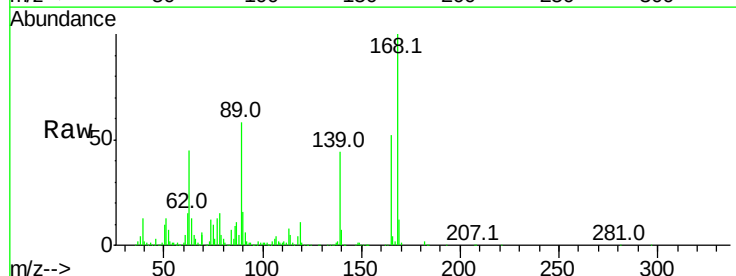
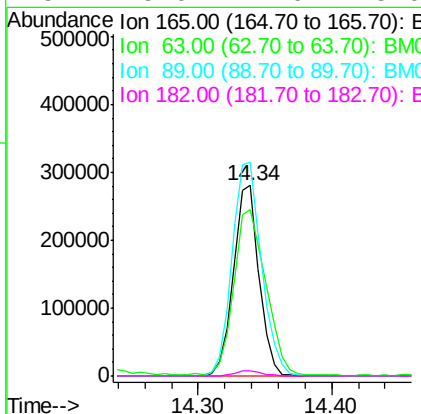
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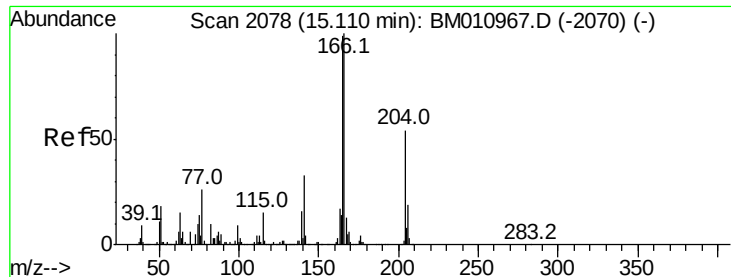
Sohil
8/17/2017 6:00:30 PM



#56
2,4-Dinitrotoluene
Concen: 46.079 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	87.5	52.4	78.6#	
89	112.1	72.4	108.6#	
182	3.0	2.0	3.0#	





#57

Fluorene

Concen: 42.049 ng

RT: 15.00 min Scan# 2077

Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

ClientSampleId :

PB101577BS

Tot Ion:166 Resp: 1170250

Ion Ratio Lower Upper

166 100

165 97.2 79.0 118.4

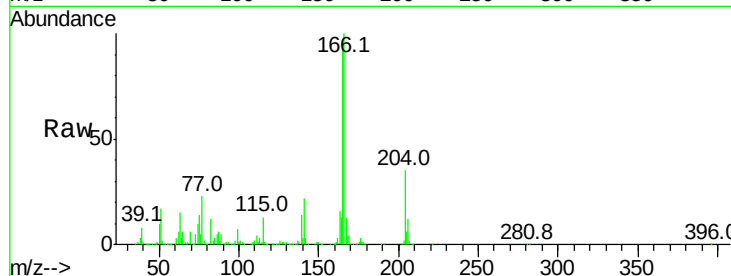
167 13.4 10.3 15.5

Manual Integrations

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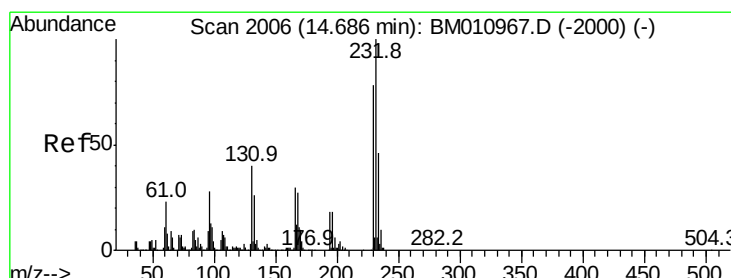
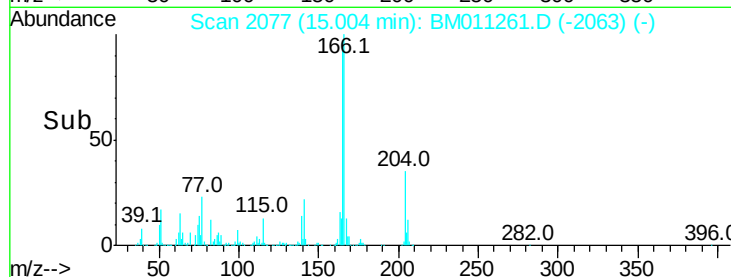
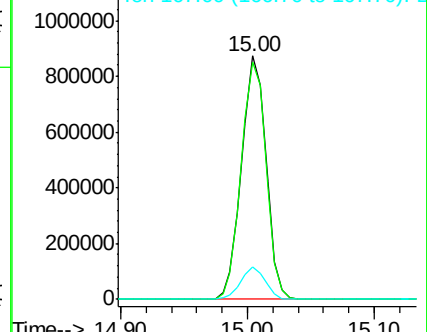


Abundance

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: 50.562 ng

RT: 14.59 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion:232 Resp: 425340

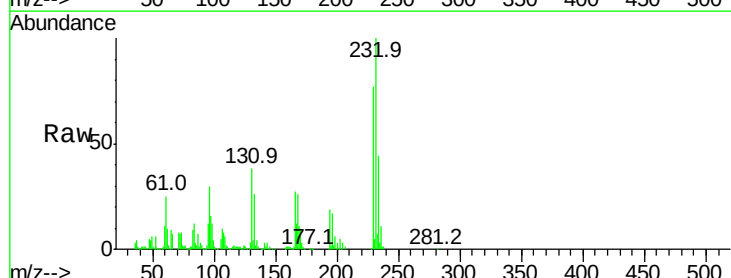
Ion Ratio Lower Upper

232 100

131 39.2 0.0 0.0#

130 2.8 0.0 0.0#

166 27.3 0.0 0.0#



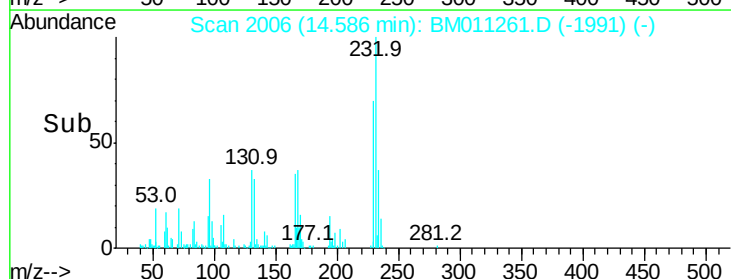
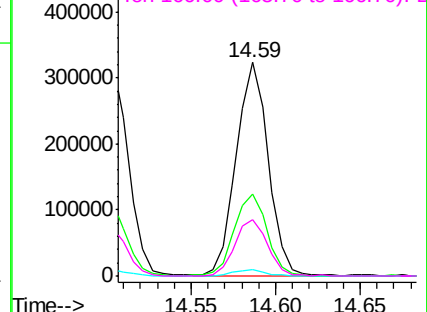
Abundance

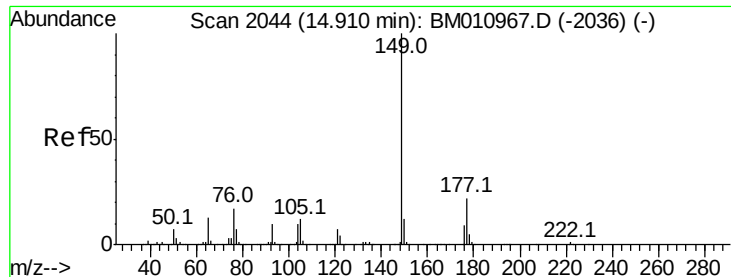
Ion 232.00 (231.70 to 232.70): E

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





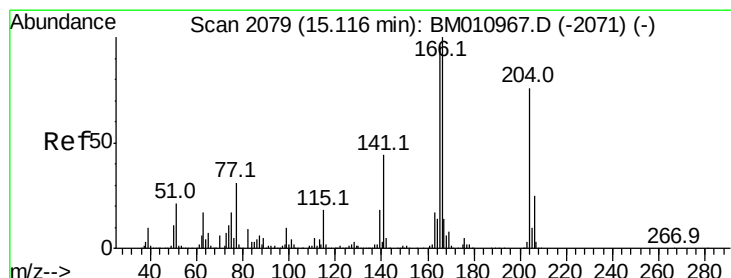
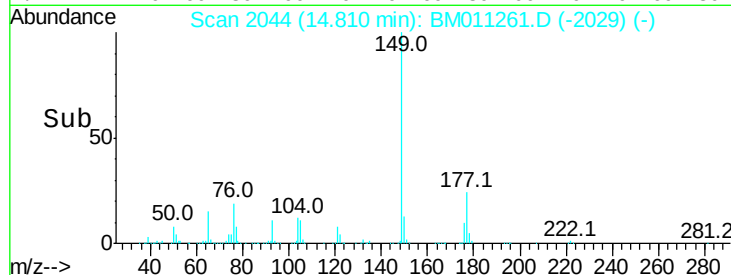
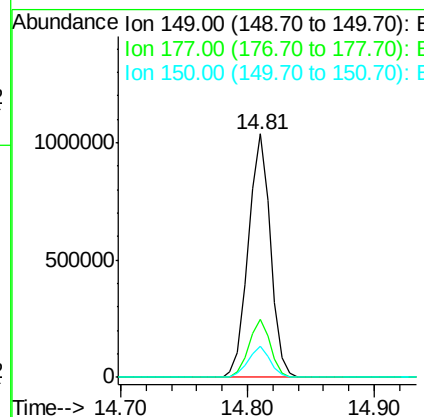
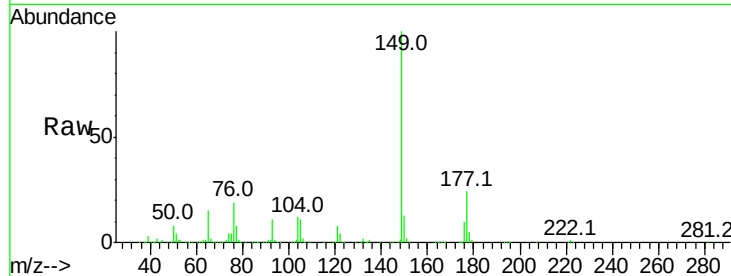
#59
Diethylphthalate
Concen: 42.796 ng
RT: 14.81 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.3	27.5
150	12.6	9.8	14.8

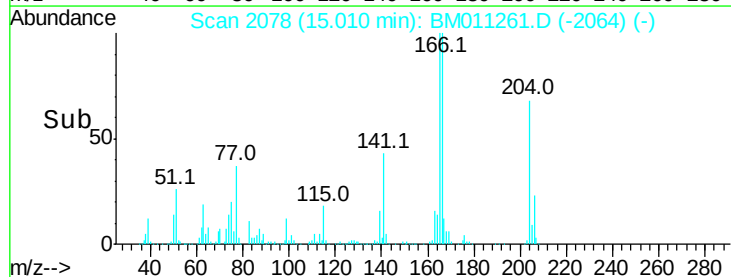
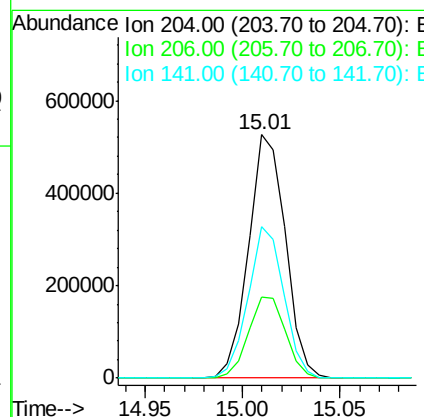
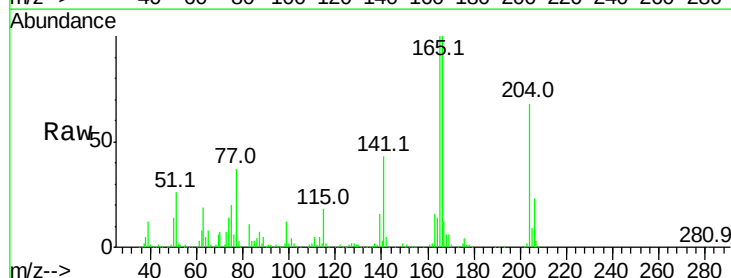
Manual Integrations
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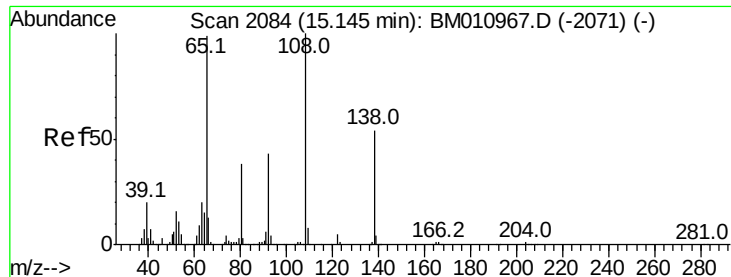
Sohil
8/17/2017 6:00:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.965 ng
RT: 15.01 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	62.2	45.2	67.8





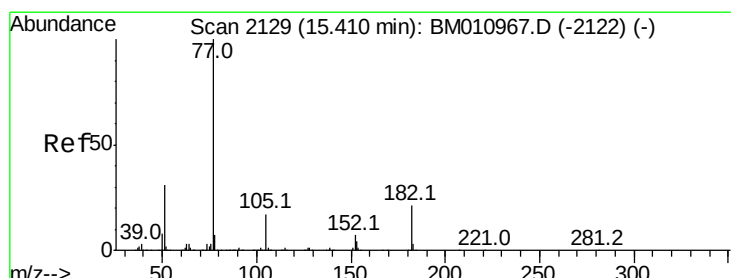
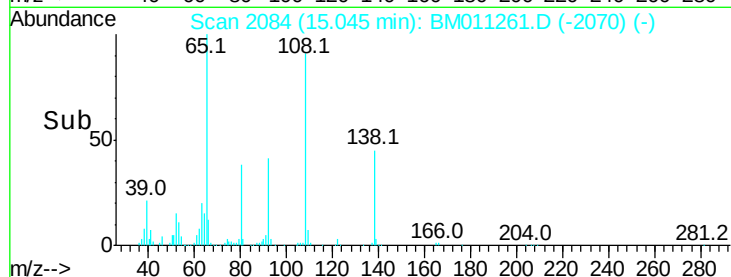
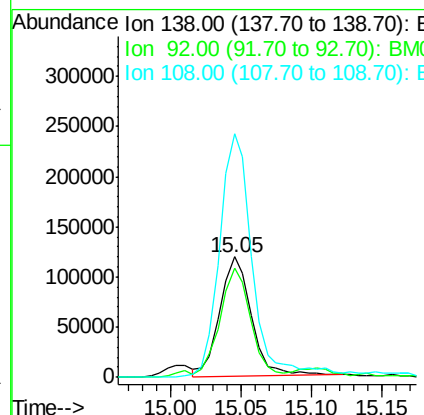
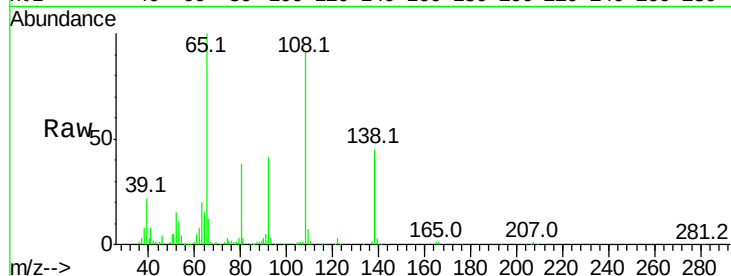
#61
4-Nitroaniline
Concen: 34.230 ng
RT: 15.05 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	90.4	16.7	56.7#
108	202.2	37.6	77.6#

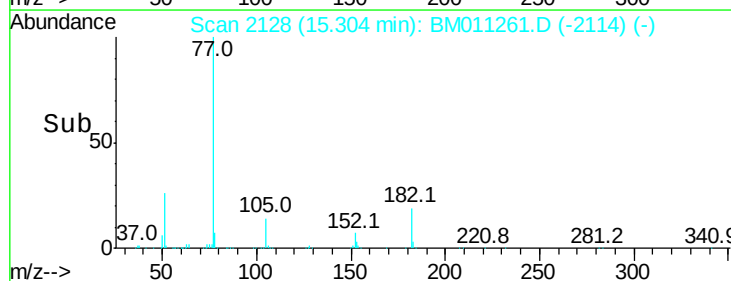
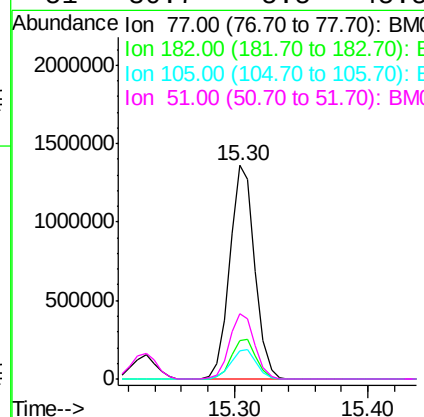
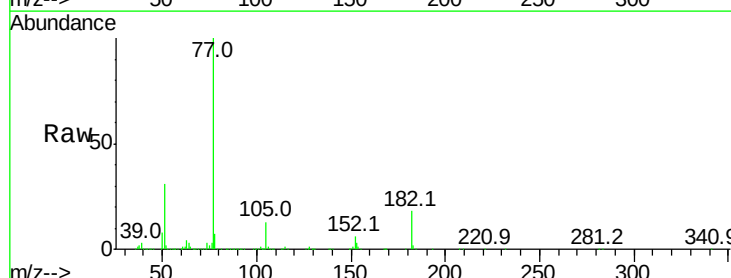
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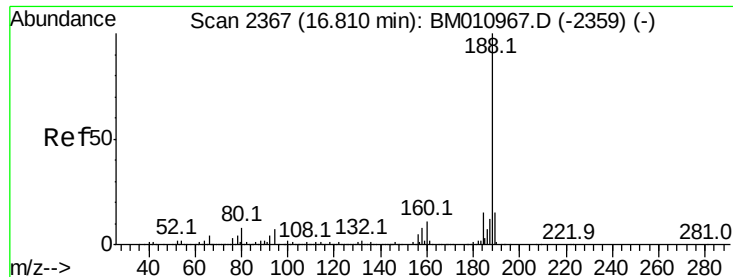
Sohil
8/17/2017 6:00:30 PM



#62
Azobenzene
Concen: 56.978 ng
RT: 15.30 min Scan# 2128
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.8	6.5	46.5
105	13.2	3.8	43.8
51	30.7	5.5	45.5





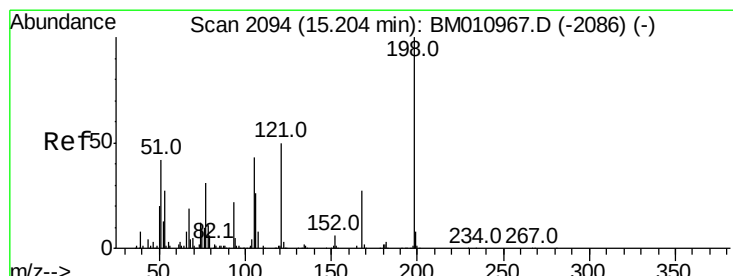
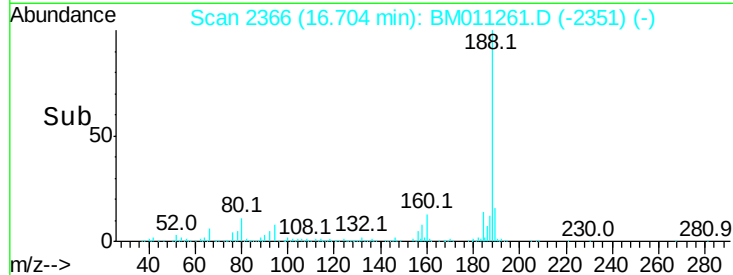
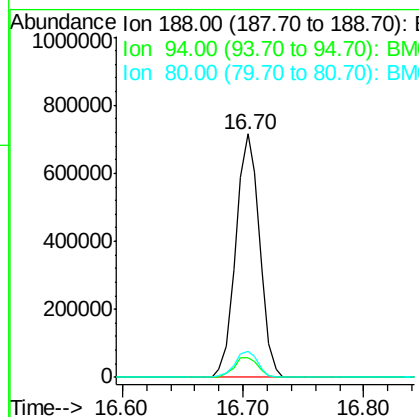
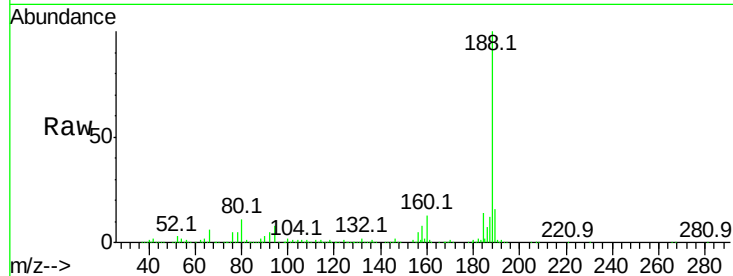
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.70 min Scan# 2366
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Instrument :
 BNA_M
 ClientSampleId :
 PB101577BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.3	8.7	13.1#
80	10.7	9.3	13.9

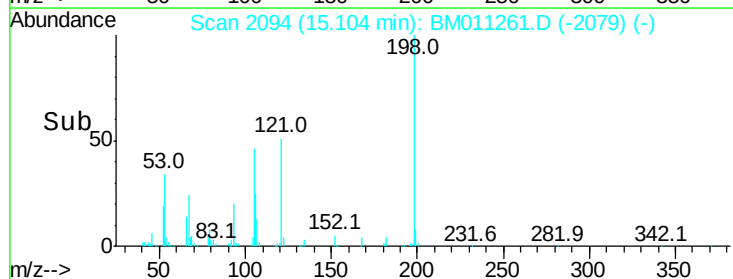
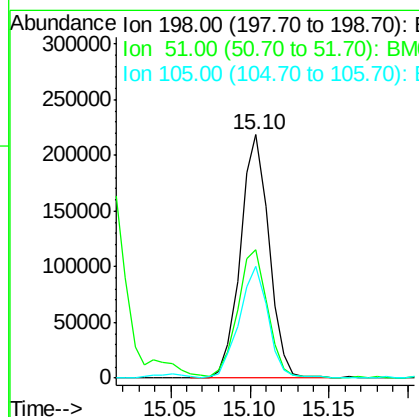
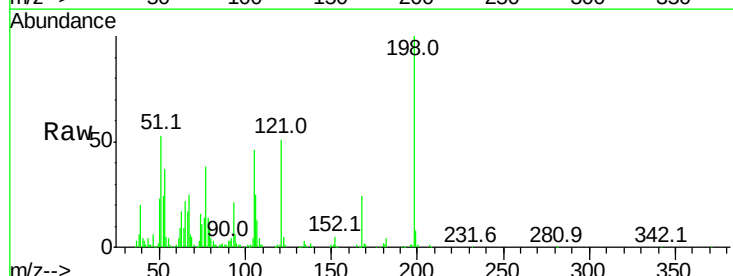
Manual Integrations
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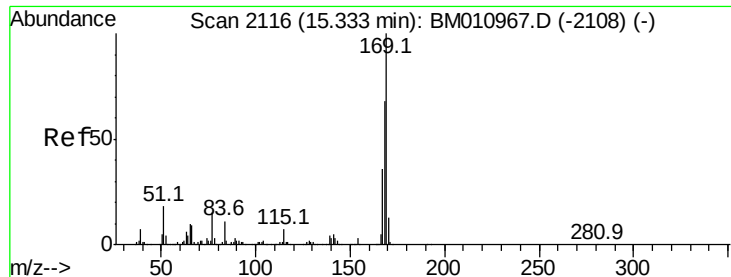
Sohil
 8/17/2017 6:00:30 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.255 ng
 RT: 15.10 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	52.7	28.8	68.8
105	45.7	30.5	70.5





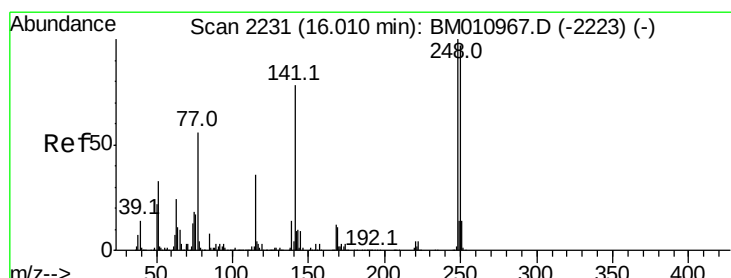
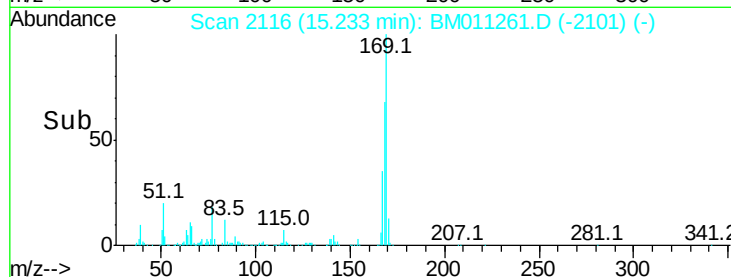
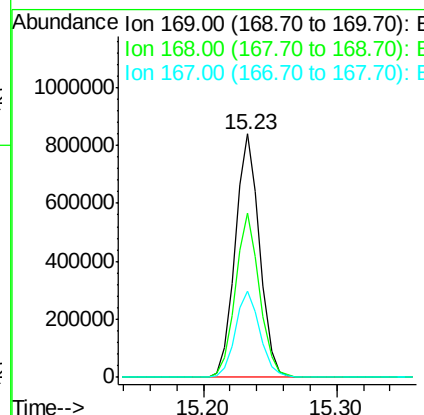
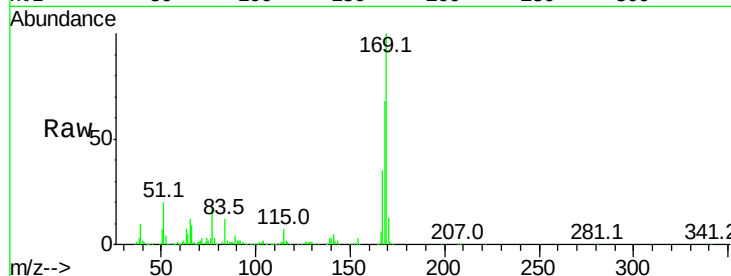
#65
 n-Nitrosodiphenylamine
 Concen: 38.011 ng
 RT: 15.23 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Instrument :
 BNA_M
 ClientSampled :
 PB101577BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.9	80.9
167	35.4	28.9	43.3

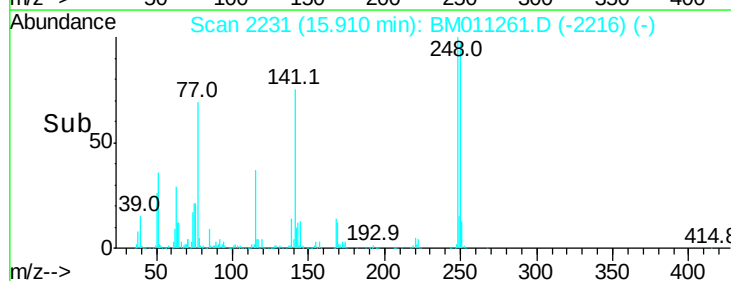
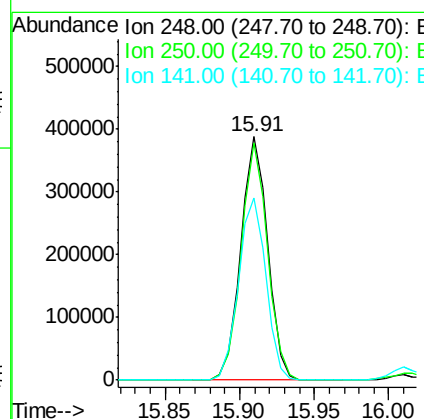
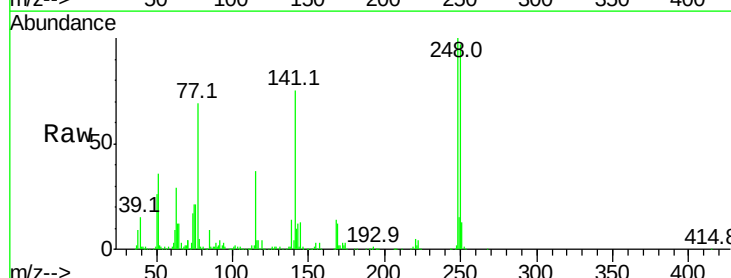
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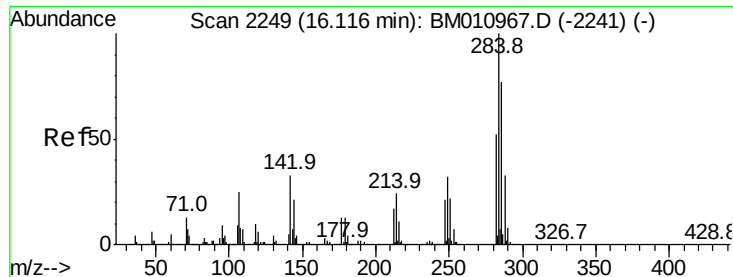
Sohil
 8/17/2017 6:00:30 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.551 ng
 RT: 15.91 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.4	116.0
141	75.1	45.2	67.8





#67

Hexachlorobenzene

Concen: 34.789 ng

RT: 16.01 min Scan# 2248

Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

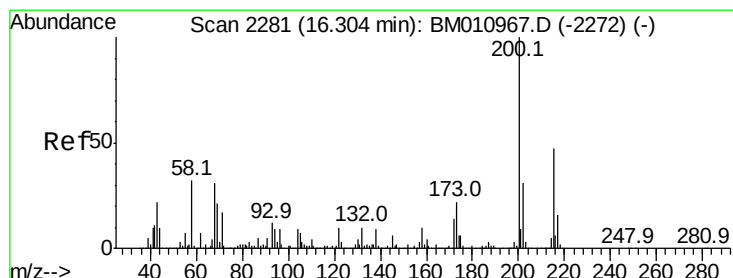
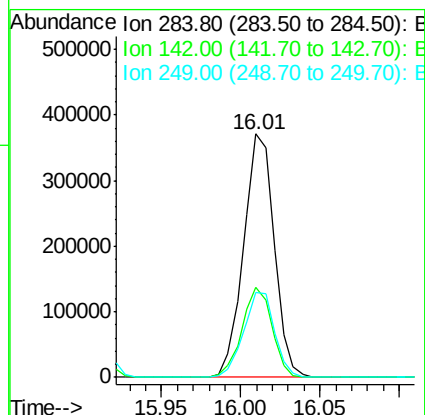
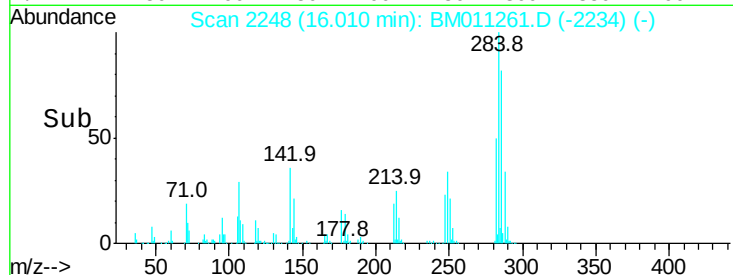
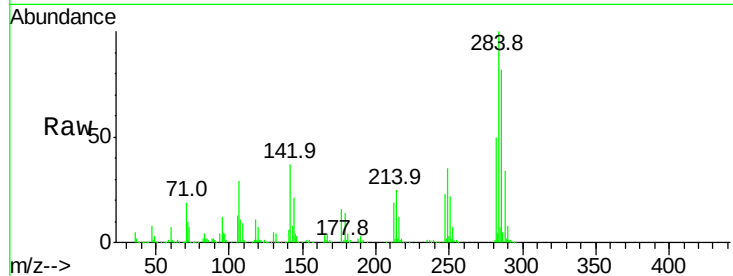
ClientSampleId :

PB101577BS

Tot Ion:	284	Resp:	496126
Ion Ratio	Lower	Upper	
284	100		
142	37.1	20.4	30.6#
249	35.1	23.8	35.6

Manual Integrations
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#68

Atrazine

Concen: 42.071 ng

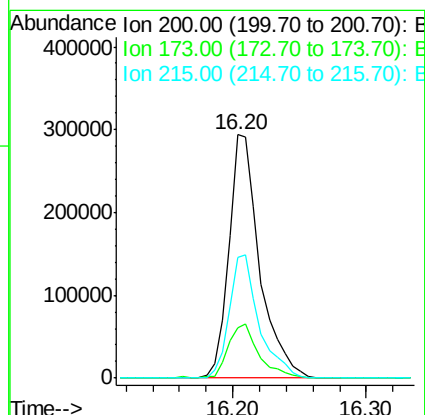
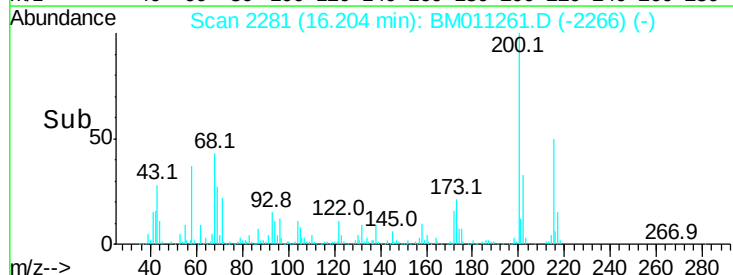
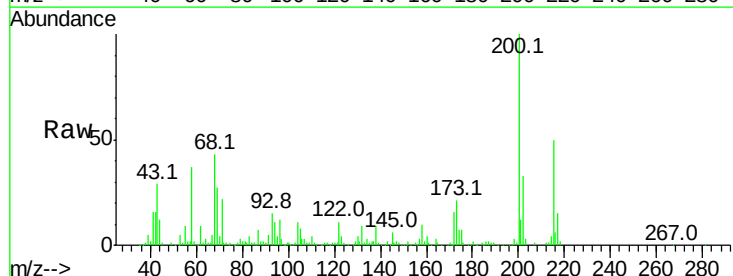
RT: 16.20 min Scan# 2281

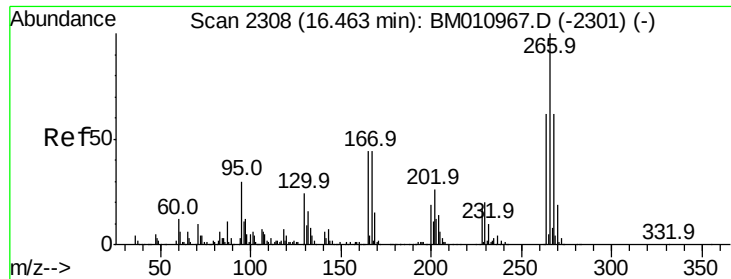
Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion:	200	Resp:	473662
Ion Ratio	Lower	Upper	
200	100		
173	20.6	4.8	44.8
215	49.7	26.9	66.9





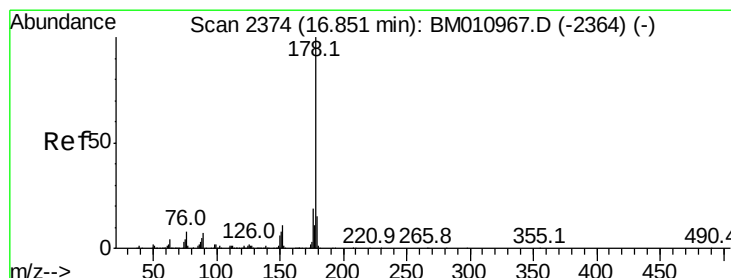
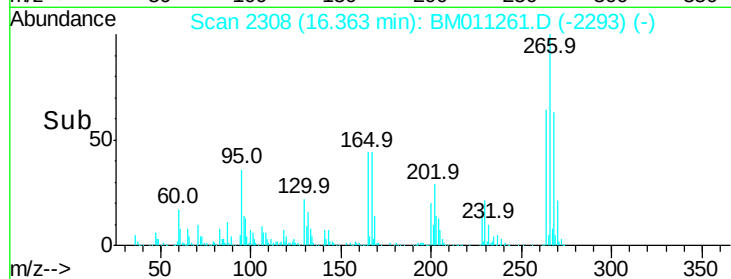
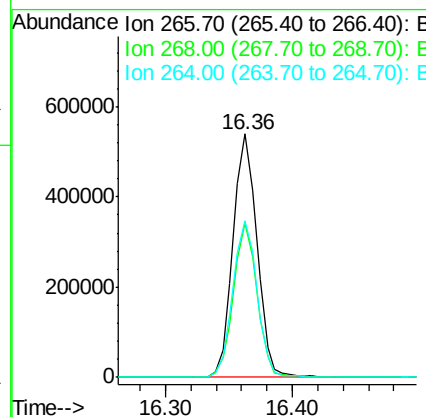
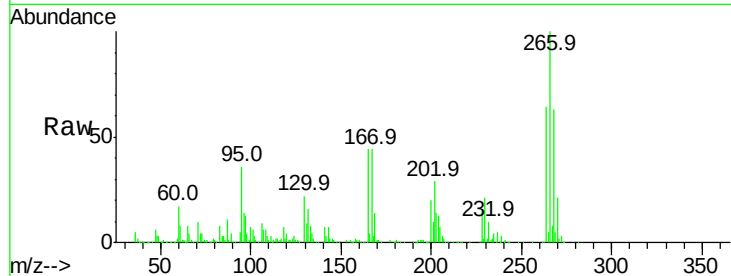
#69
 Pentachlorophenol
 Concen: 78.067 ng
 RT: 16.36 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Instrument :
 BNA_M
 ClientSampleId :
 PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.0	52.0	78.0	
264	64.1	49.0	73.4	

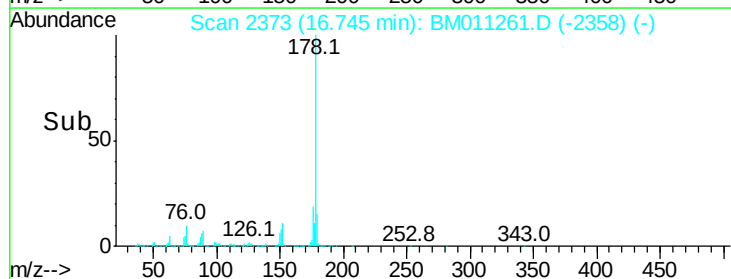
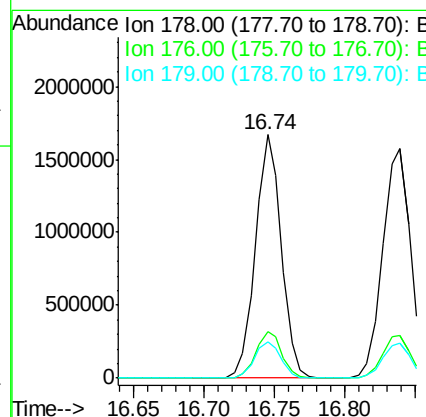
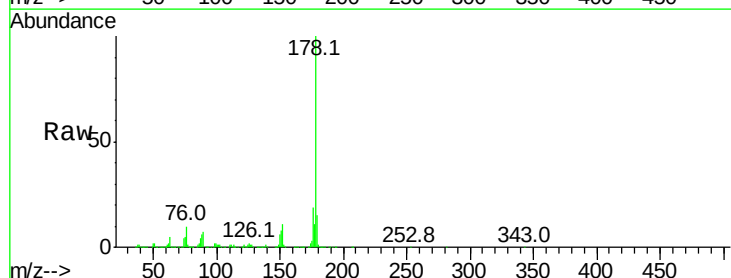
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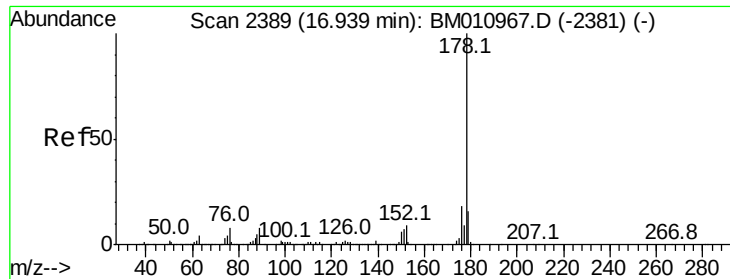
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#70
 Phenanthrene
 Concen: 41.846 ng
 RT: 16.74 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.8	15.2	22.8	
179	15.1	12.1	18.1	





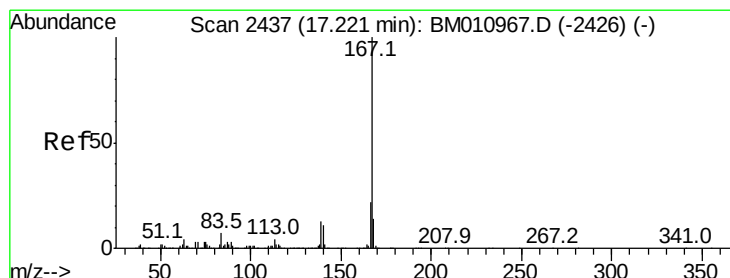
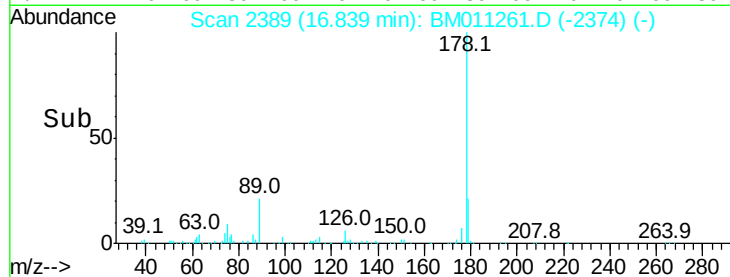
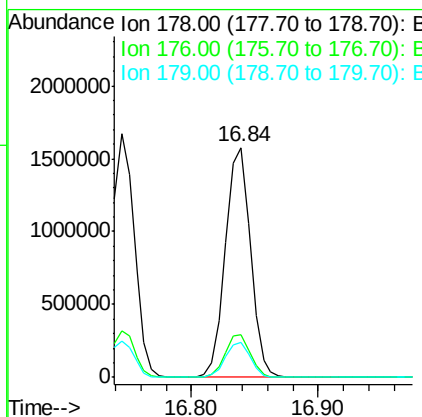
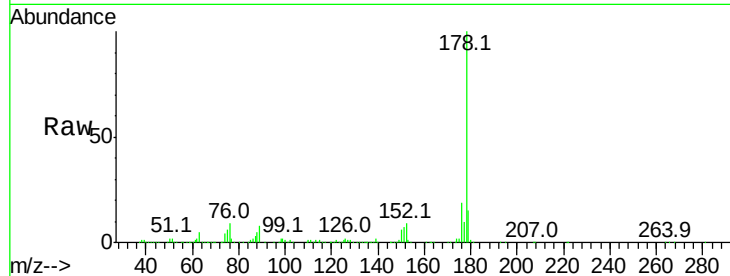
#71
 Anthracene
 Concen: 42.253 ng
 RT: 16.84 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Instrument :
 BNA_M
 ClientSampleId :
 PB101577BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.3	12.6	19.0

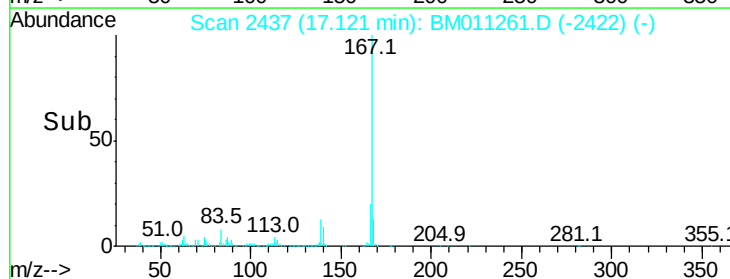
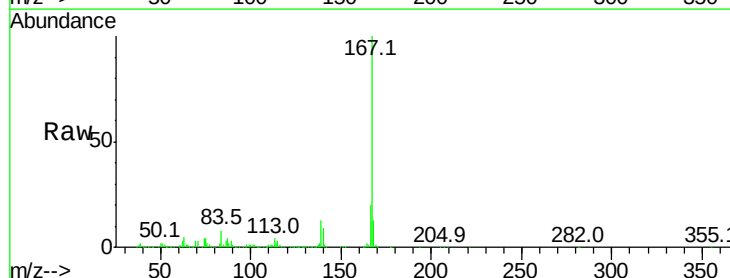
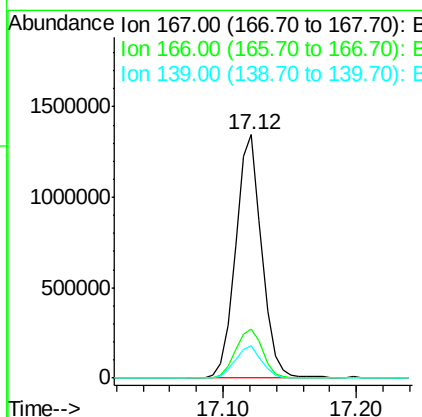
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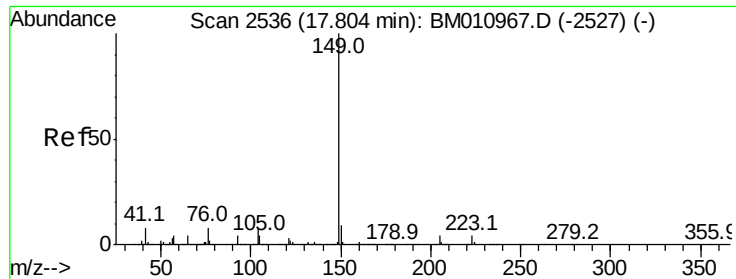
Sohil
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#72
 Carbazole
 Concen: 40.688 ng
 RT: 17.12 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.2	25.8
139	13.3	10.8	16.2





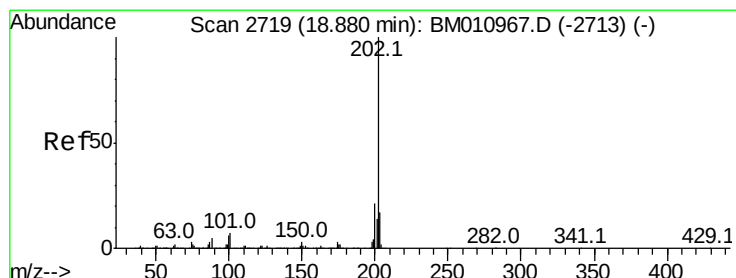
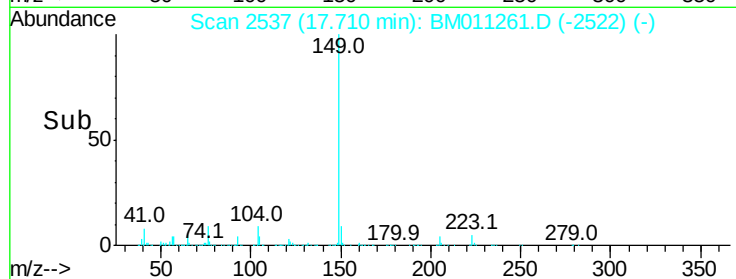
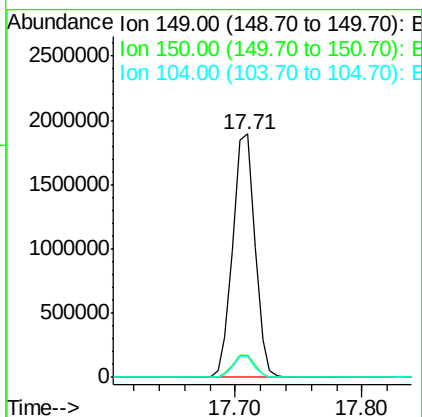
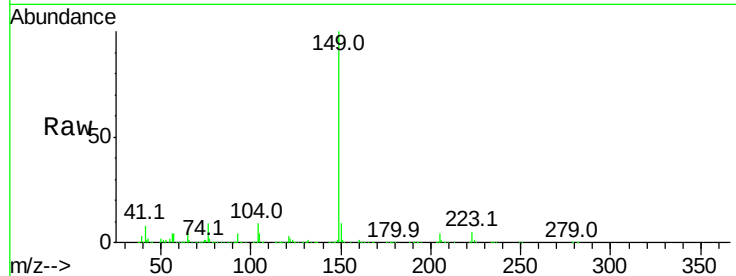
#73
Di-n-butylphthalate
Concen: 41.937 ng
RT: 17.71 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
PB101577BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	8.7	3.7	5.5

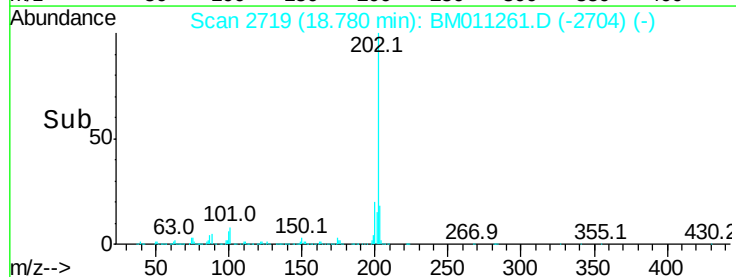
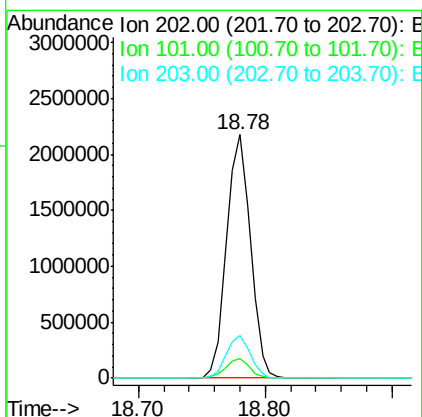
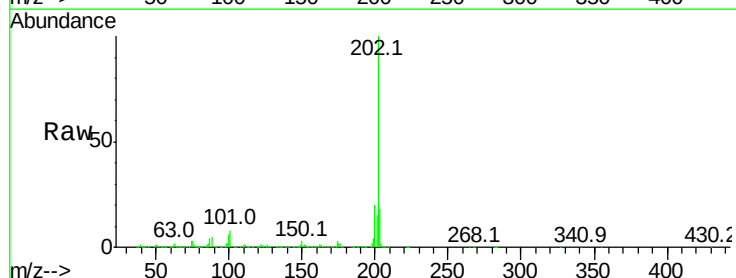
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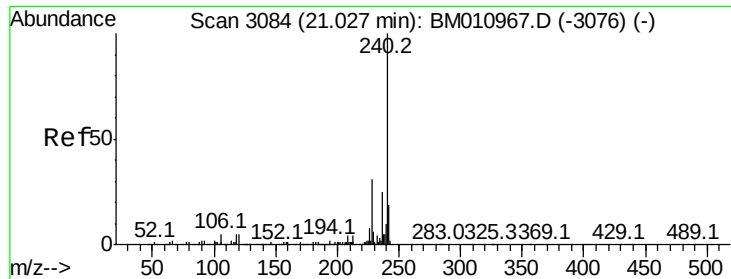
Sohil
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#74
Fluoranthene
Concen: 44.479 ng
RT: 18.78 min Scan# 2719
Delta R.T. -0.01 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.7
203	17.7	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.93 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

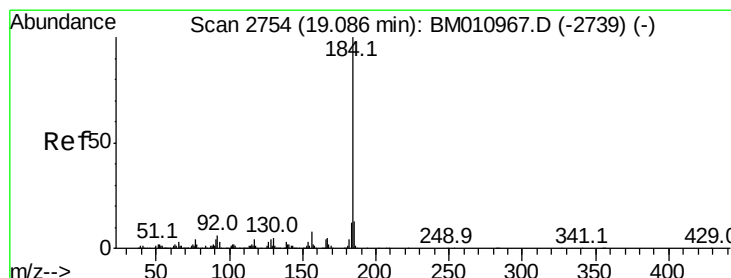
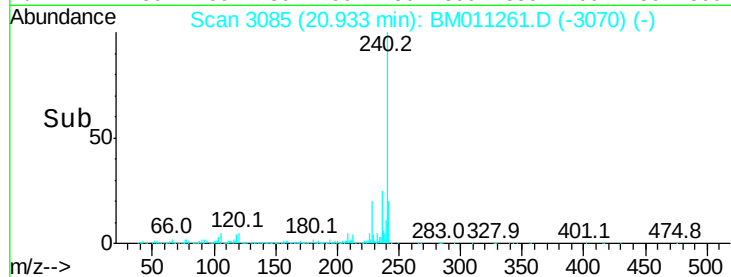
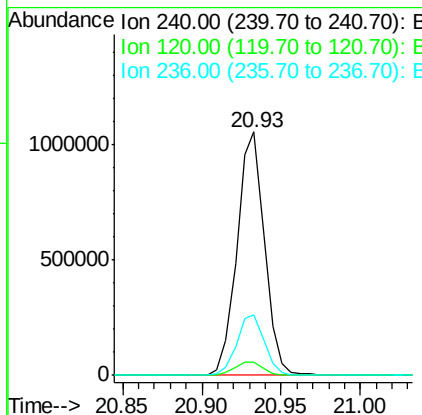
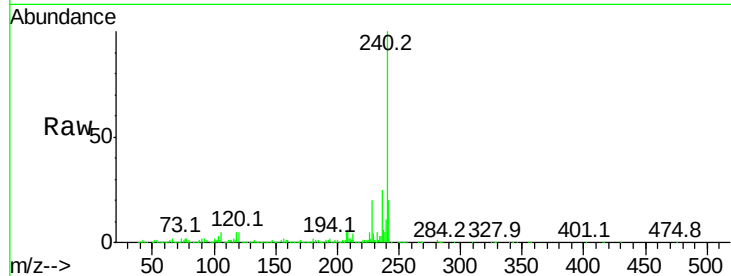
ClientSampleId :

PB101577BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.4	8.2	12.2#
236	25.1	20.0	30.0

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#76

Benzidine

Concen: 50.653 ng

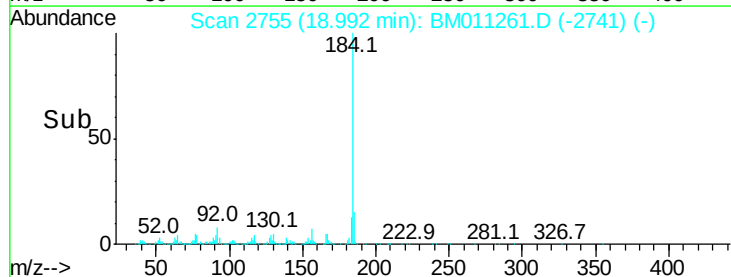
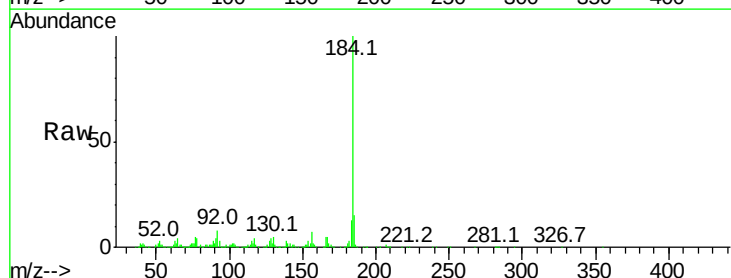
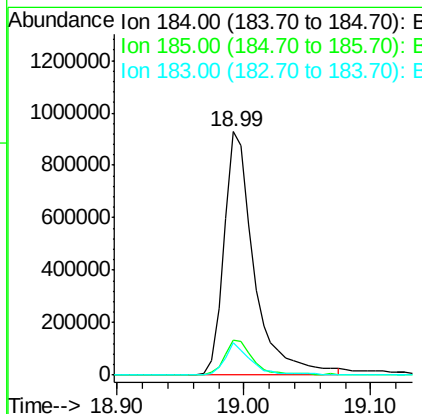
RT: 18.99 min Scan# 2755

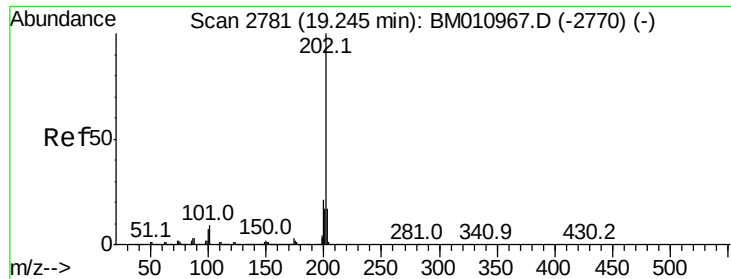
Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.3	16.9
183	13.2	8.9	13.3





#77

Pvrene

Concen: 39.279 ng

RT: 19.14 min Scan# 2781

Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

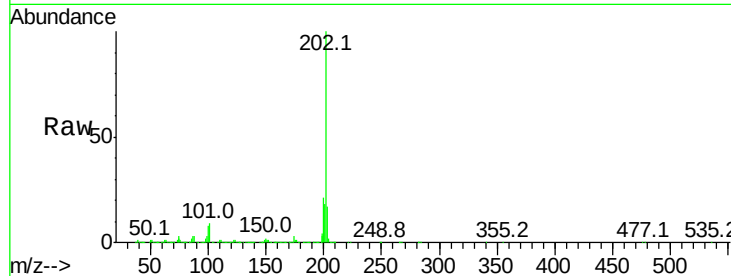
ClientSampleId :

PB101577BS

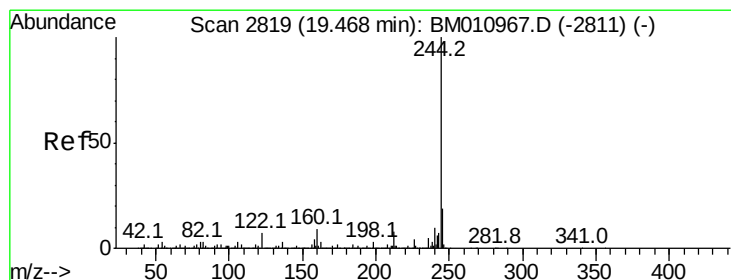
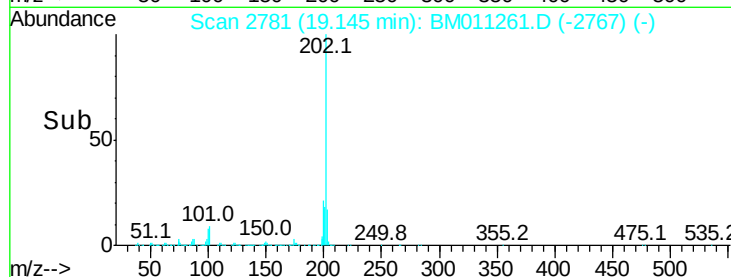
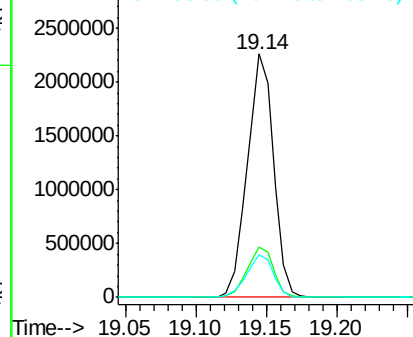
Tot Ion:	202	Resp:	2946494
Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.3	14.1	21.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 72.156 ng

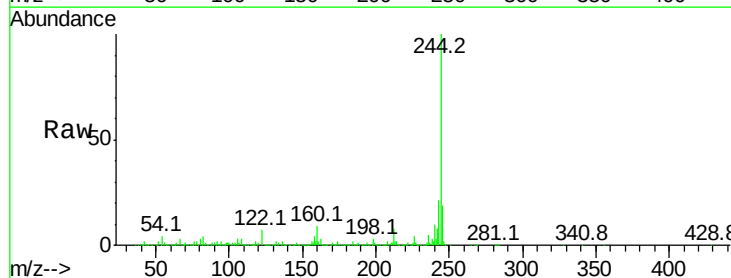
RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

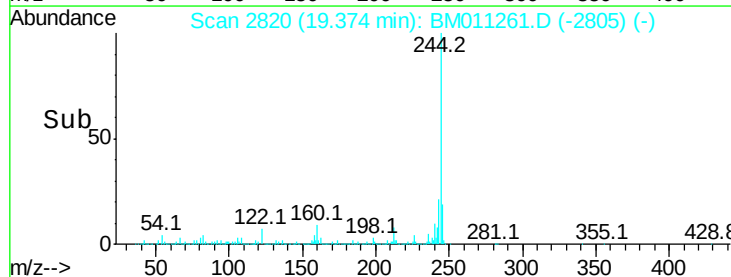
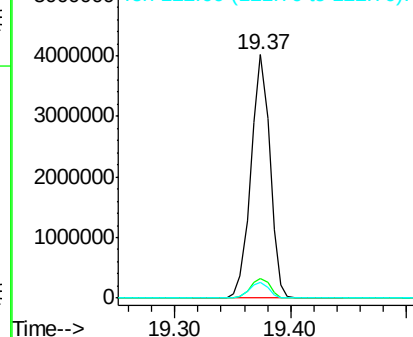
Lab File: BM011261.D

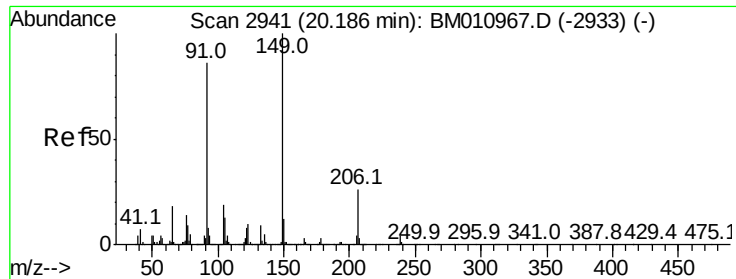
Acq: 16 Aug 2017 19:20

Tgt Ion:	244	Resp:	4598696
Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	6.7	6.2	9.4



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





#79

Butylbenzylphthalate

Concen: 39.281 ng

RT: 20.09 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

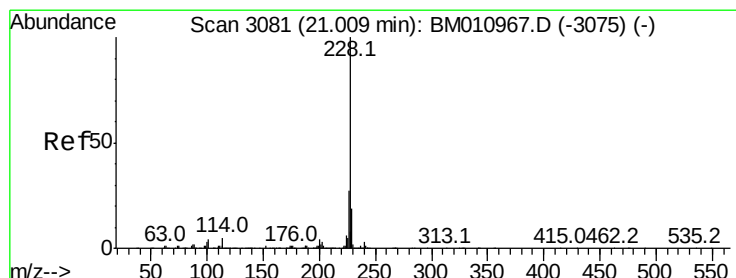
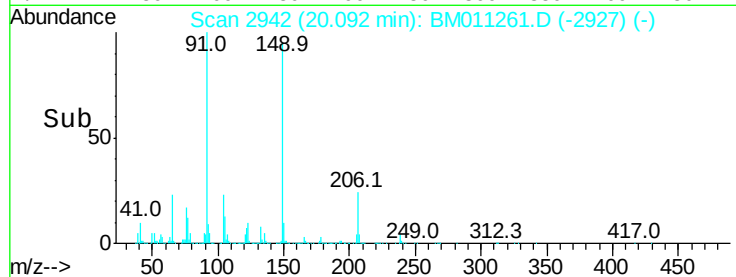
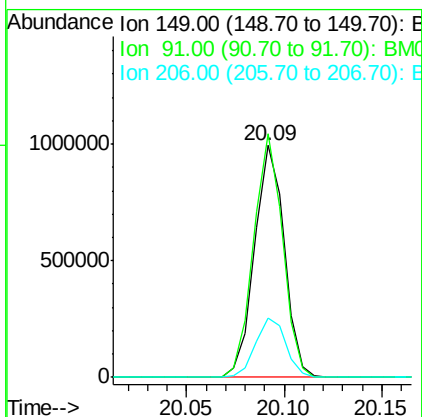
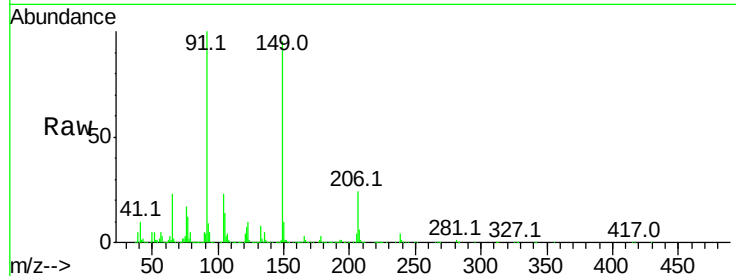
ClientSampleId :

PB101577BS

Tot Ion:	149	Resp:	1047810
Ion Ratio	Lower	Upper	
149	100		
91	105.1	50.1	75.1#
206	25.5	16.2	24.2#

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#80

Benzo(a)anthracene

Concen: 41.118 ng

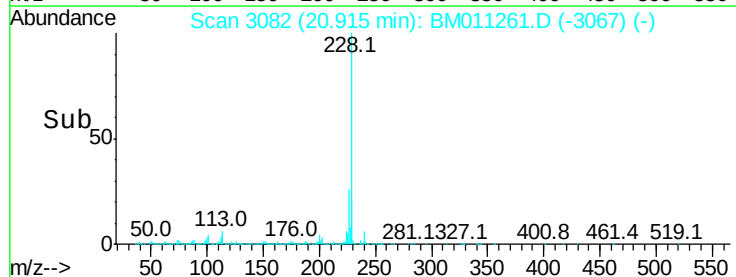
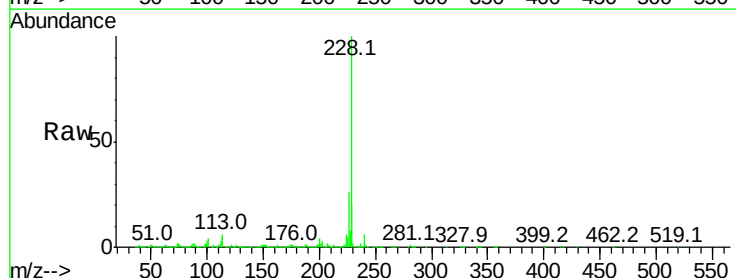
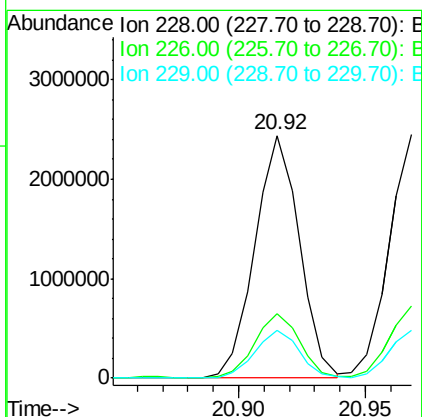
RT: 20.92 min Scan# 3082

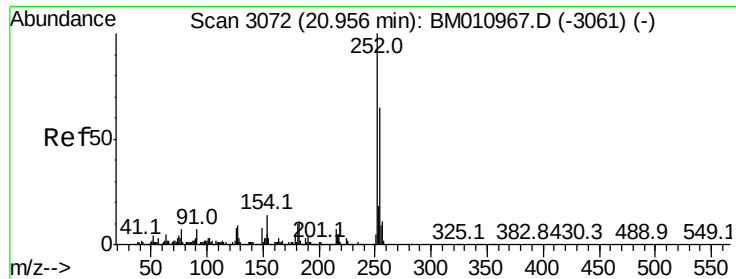
Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion:	228	Resp:	2964015
Ion Ratio	Lower	Upper	
228	100		
226	26.4	21.7	32.5
229	19.7	16.0	24.0





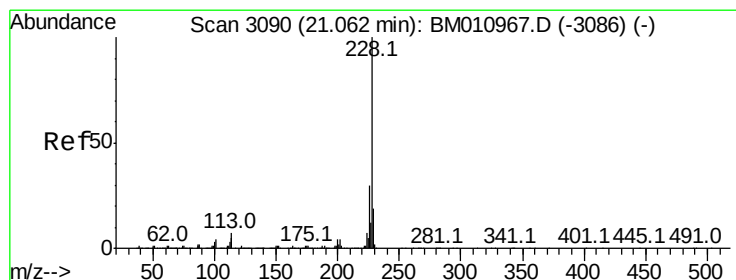
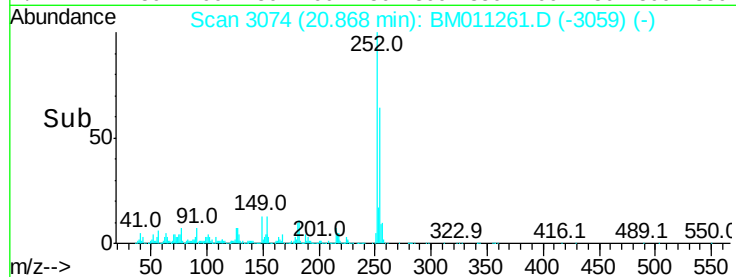
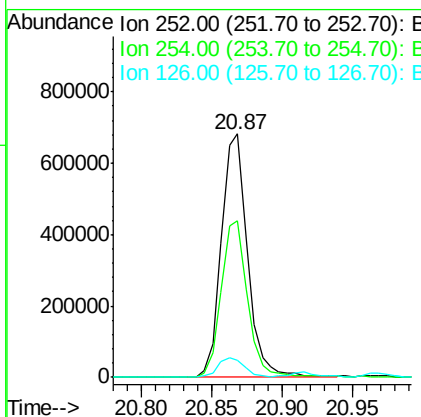
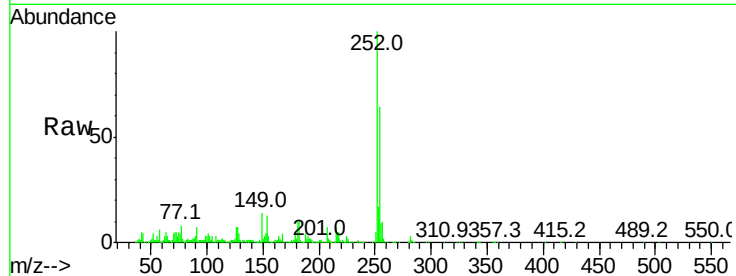
#81
 3,3'-Dichlorobenzidine
 Concen: 31.072 ng
 RT: 20.87 min Scan# 3074
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Instrument :
 BNA_M
 ClientSampleId :
 PB101577BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.2	51.9	77.9	
126	7.1	9.8	14.8	

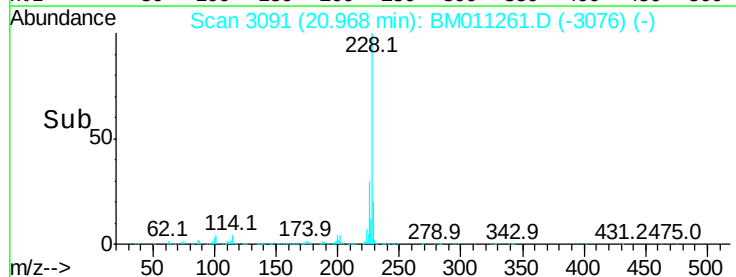
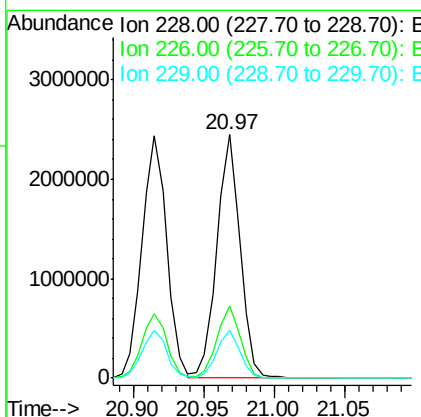
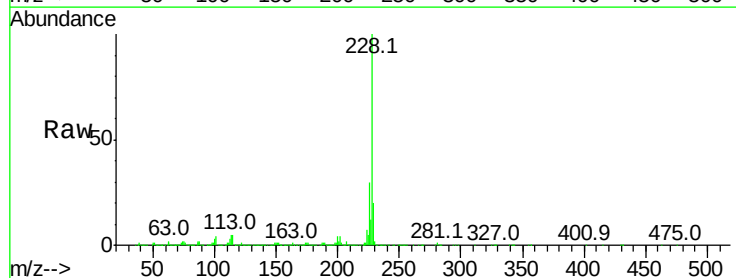
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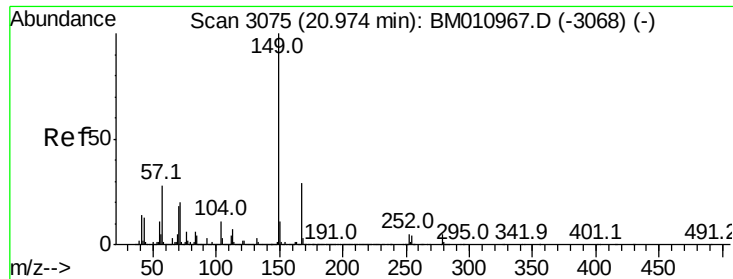
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#82
 Chrysene
 Concen: 40.269 ng
 RT: 20.97 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.6	24.1	36.1	
229	19.5	15.5	23.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.898 ng

RT: 20.89 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

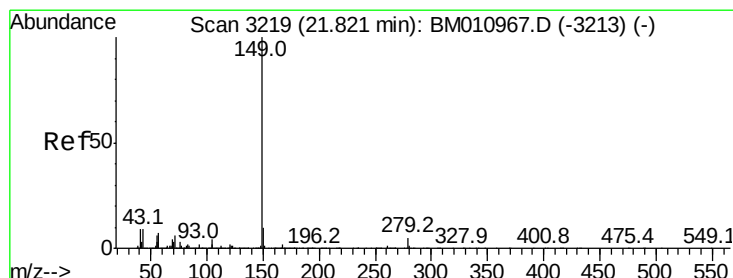
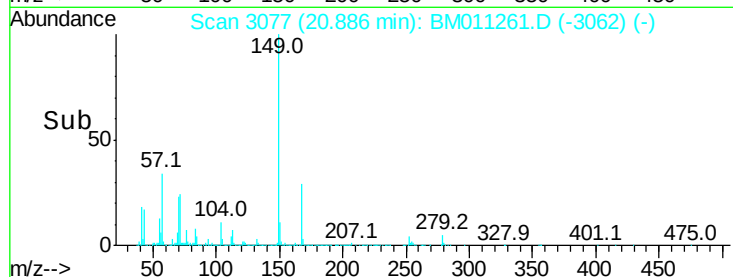
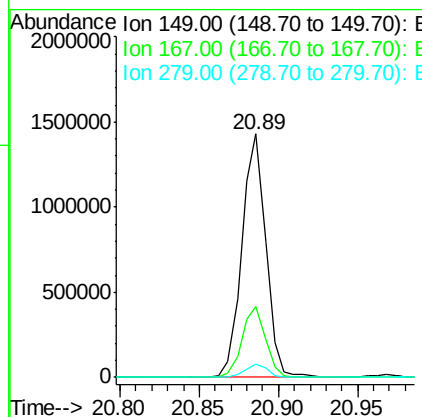
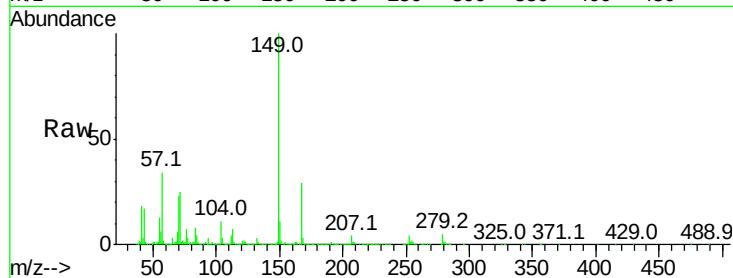
ClientSampleId :

PB101577BS

Tot Ion:	149	Resp:	1487194
Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.4	33.6
279	5.2	3.4	5.0#

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#84

Di-n-octyl phthalate

Concen: 37.739 ng

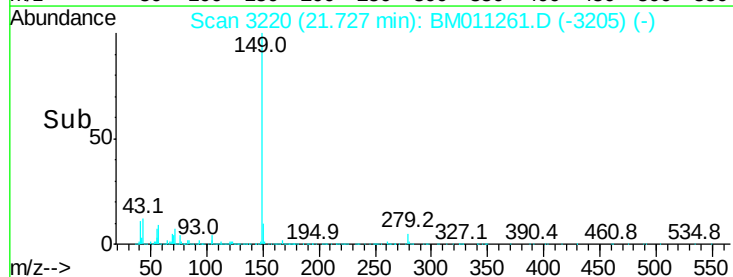
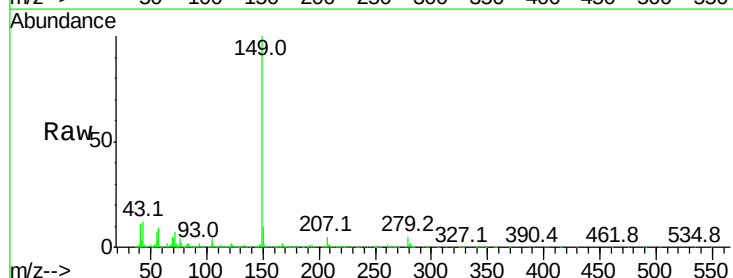
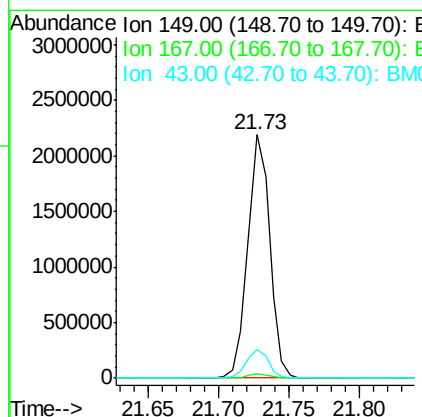
RT: 21.73 min Scan# 3220

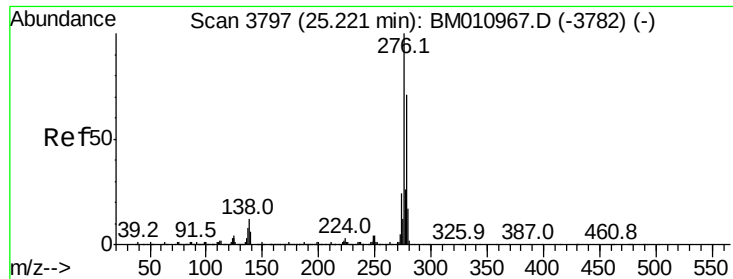
Delta R.T. -0.01 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion:	149	Resp:	2403607
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.7	7.3	10.9#





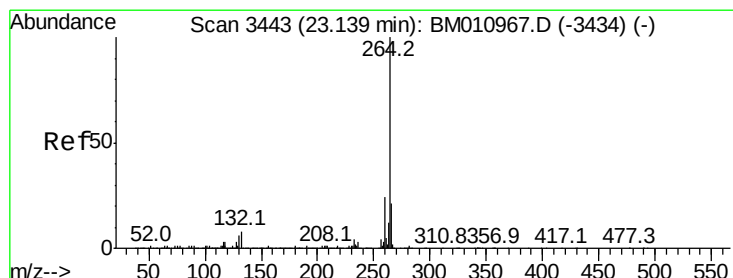
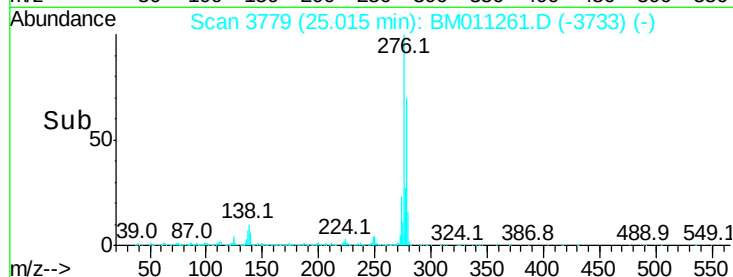
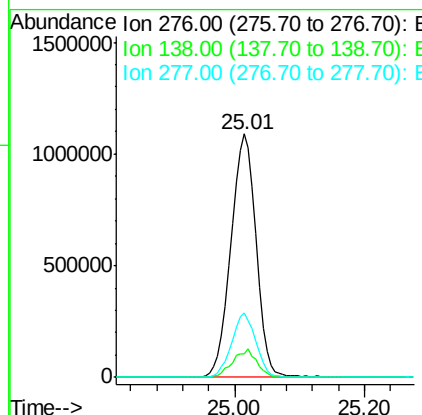
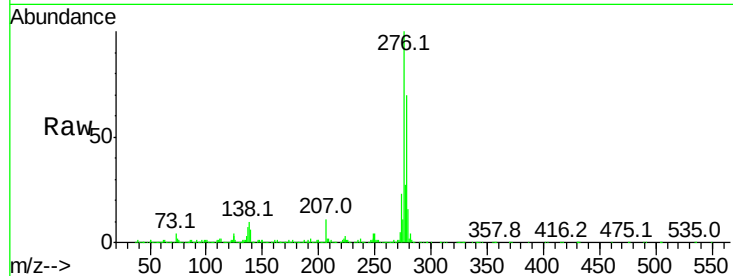
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.708 ng
RT: 25.01 min Scan# 3779
Delta R.T. -0.03 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleID :
PB101577BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.1	12.0	18.0#
277	25.4	20.0	30.0

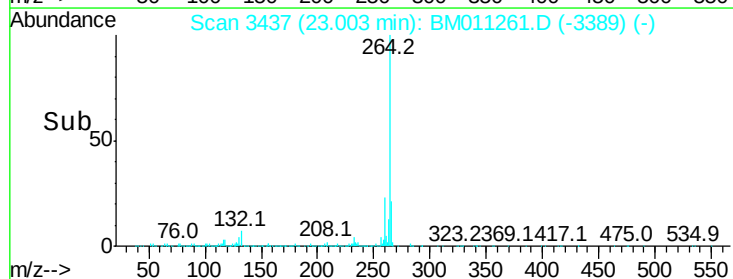
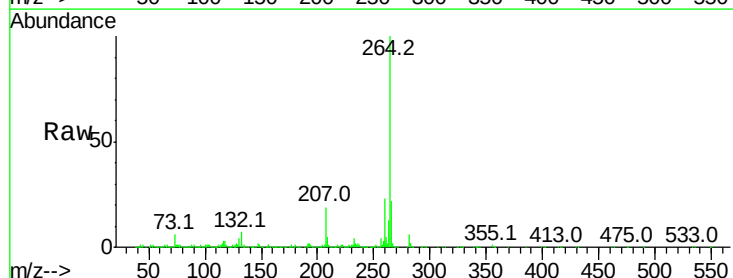
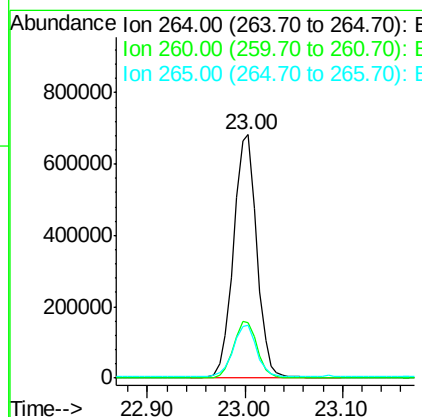
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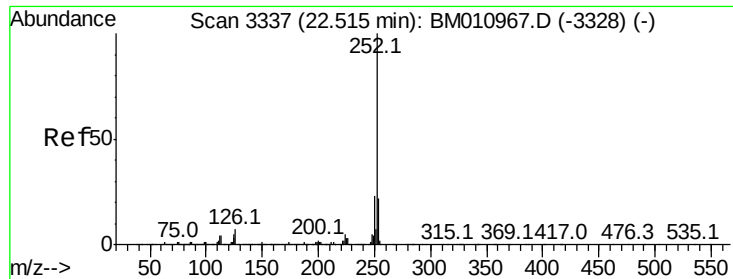
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.00 min Scan# 3437
Delta R.T. -0.02 min
Lab File: BM011261.D
Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 39.574 ng

RT: 22.40 min Scan# 3334

Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

ClientSampleId :

PB101577BS

Tot Ion:252 Resp: 2882088

Ion Ratio Lower Upper

252 100

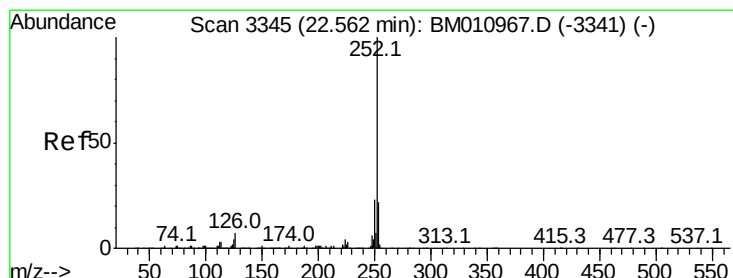
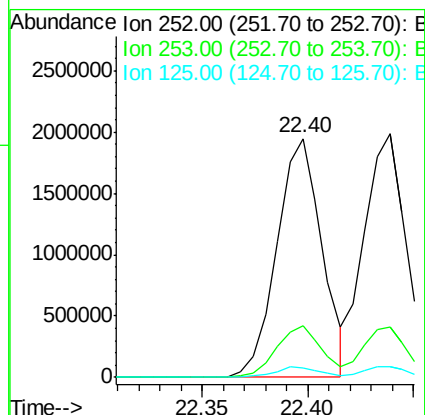
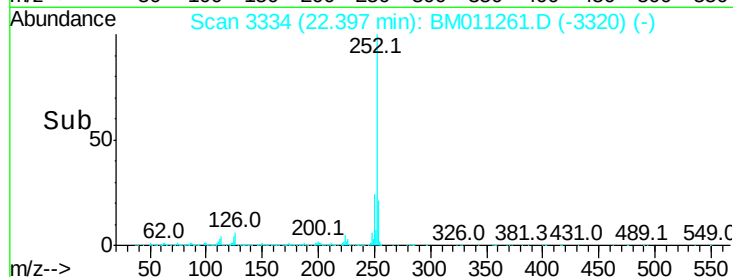
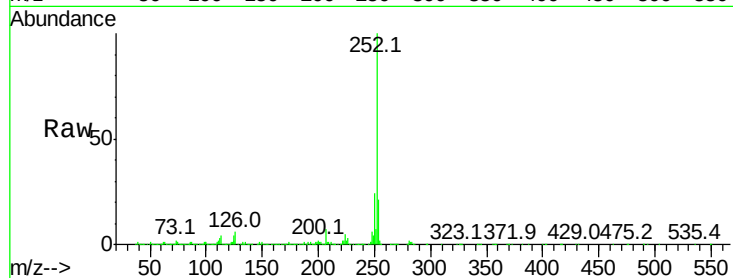
253 21.5 18.0 27.0

125 3.9 9.9 14.9#

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#88

Benzo(k)fluoranthene

Concen: 39.421 ng

RT: 22.44 min Scan# 3341

Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

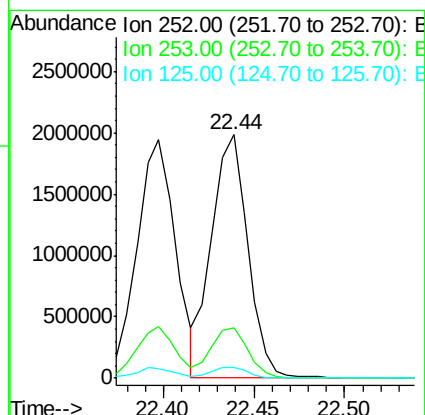
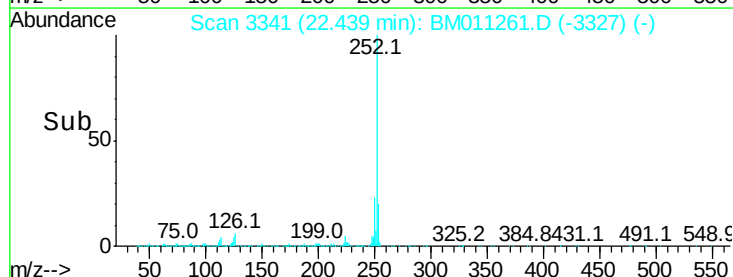
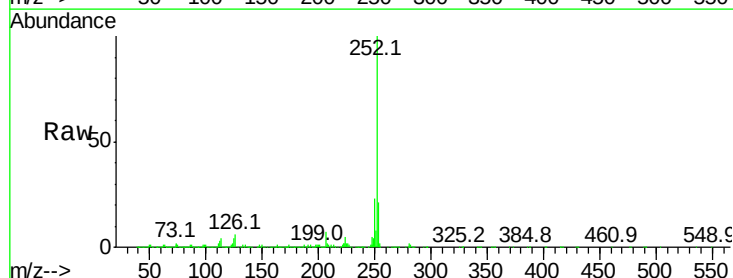
Tgt Ion:252 Resp: 2751672

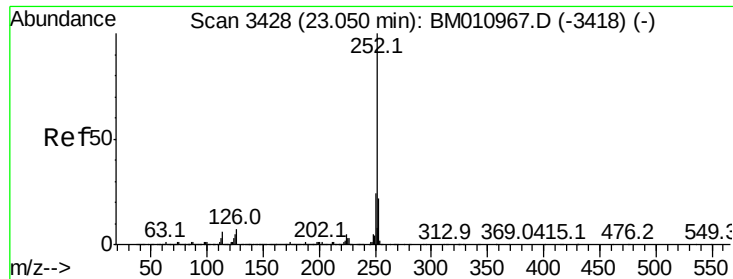
Ion Ratio Lower Upper

252 100

253 20.5 17.2 25.8

125 4.2 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 40.982 ng

RT: 22.92 min Scan# 3422

Delta R.T. -0.02 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Instrument :

BNA_M

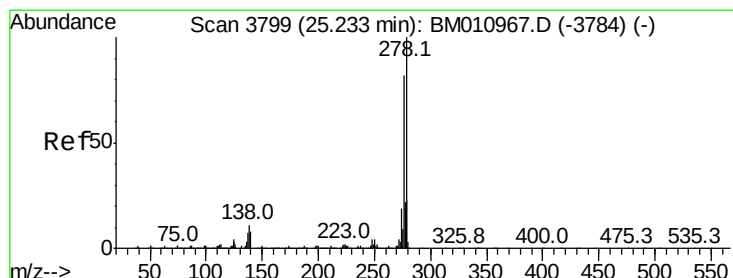
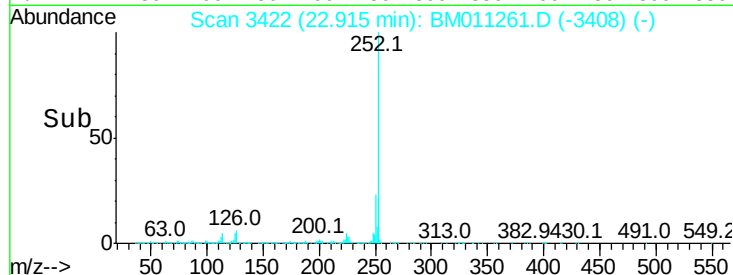
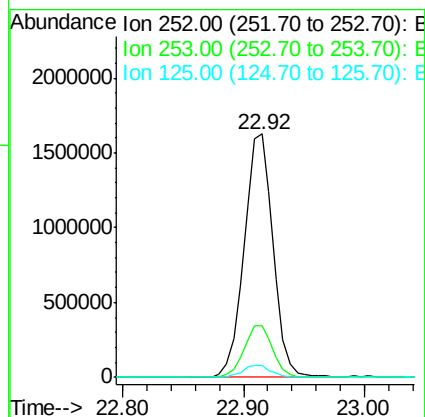
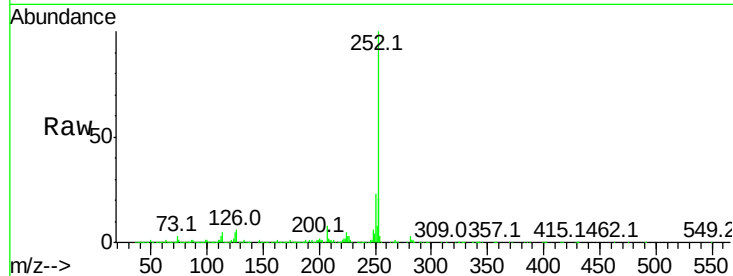
ClientSampleId :

PB101577BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	4.7	7.4	11.2

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#90

Dibenzo(a,h)anthracene

Concen: 39.279 ng

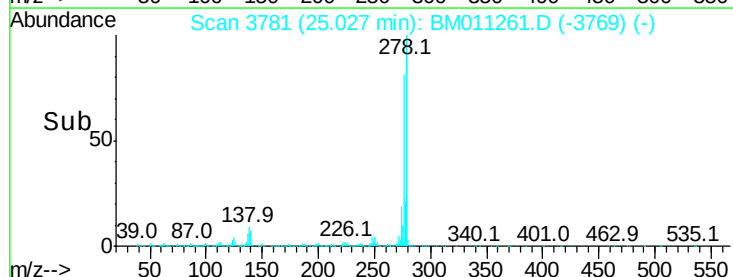
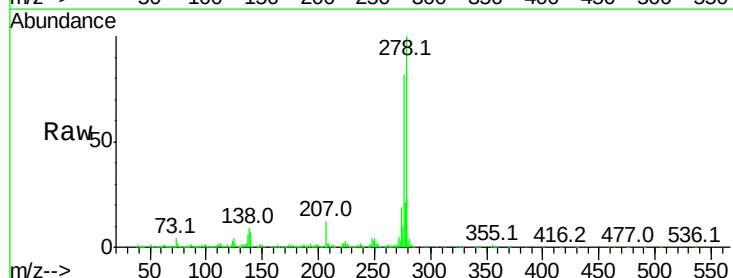
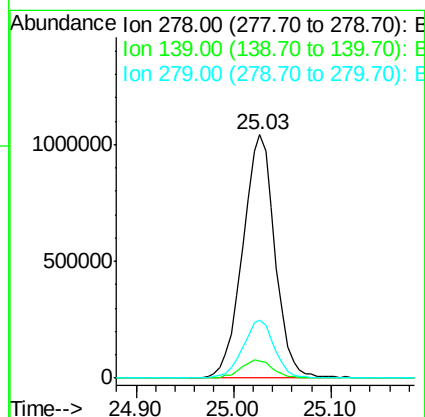
RT: 25.03 min Scan# 3781

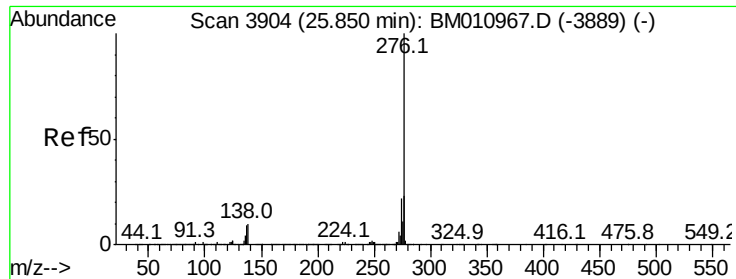
Delta R.T. -0.03 min

Lab File: BM011261.D

Acq: 16 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.0	13.4	20.0
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.157 ng
 RT: 25.62 min Scan# 3882
 Delta R.T. -0.04 min
 Lab File: BM011261.D
 Acq: 16 Aug 2017 19:20

Instrument :
 BNA_M
 ClientSampleId :
 PB101577BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.5	27.7
138	10.0	19.0	28.6

Manual Integrations
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