

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
 Data File : BM010984.D
 Acq On : 26 Jul 2017 23:12
 Operator : SJ/JU
 Sample : PB100891BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BS

Manual Integrations
 APPROVED

Sohil
 7/27/2017 6:21:37 PM

Quant Time: Jul 27 09:46:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	232741	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	1042452	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	776808	20.00	ng	0.00
63) Phenanthrene-d10	16.81	188	1981422	20.00	ng	0.00
75) Chrysene-d12	21.03	240	1817914	20.00	ng	0.00
86) Perylene-d12	23.14	264	1224469	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	1840852	133.70	ng	0.00
7) Phenol-d6	6.60	99	2514305	128.53	ng	0.00
23) Nitrobenzene-d5	8.55	82	2109011	75.93	ng	0.00
41) 2,4,6-Tribromophenol	15.56	330	1512877	121.51	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	4843645	78.20	ng	0.00
78) Terphenyl-d14	19.47	244	7490968	81.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	185917	30.075	ng	# 100
3) Pyridine	3.41	79	565369	33.483	ng	# 88
4) n-Nitrosodimethylamine	3.33	42	362901	42.174	ng	# 65
6) Aniline	6.74	93	850696	34.504	ng	# 90
8) 2-Chlorophenol	6.97	128	580380	41.520	ng	# 82
9) Benzaldehyde	6.55	77	282347	22.308	ng	# 88
10) Phenol	6.62	94	871344	41.010	ng	# 99
11) bis(2-Chloroethyl)ether	6.85	93	630777	38.101	ng	# 93
12) 1,3-Dichlorobenzene	7.28	146	637993	37.451	ng	# 83
13) 1,4-Dichlorobenzene	7.43	146	660884	37.847	ng	# 92
14) 1,2-Dichlorobenzene	7.74	146	630987	37.794	ng	# 92
15) Benzyl Alcohol	7.64	79	841485	44.841	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	7.92	45	596910	40.068	ng	# 77
17) 2-Methylphenol	7.85	107	578545	42.604	ng	# 78
18) Hexachloroethane	8.45	117	291799	38.319	ng	# 81
19) n-Nitroso-di-n-propylamine	8.20	70	673446	40.512	ng	# 92
20) 3+4-Methylphenols	8.17	107	813695	43.106	ng	# 82
22) Acetophenone	8.21	105	1095249	35.050	ng	# 94
24) Nitrobenzene	8.58	77	1058127	36.764	ng	# 86
25) Isophorone	9.11	82	1712876	36.987	ng	# 86
26) 2-Nitrophenol	9.28	139	339715	37.095	ng	# 24
27) 2,4-Dimethylphenol	9.36	122	639446	39.664	ng	# 75
28) bis(2-Chloroethoxy)methane	9.59	93	983253	38.067	ng	# 98
29) 2,4-Dichlorophenol	9.81	162	731880	40.400	ng	# 92
30) 1,2,4-Trichlorobenzene	10.02	180	853684	38.112	ng	# 97
31) Naphthalene	10.20	128	1998736	38.113	ng	# 98
32) Benzoic acid	9.52	122	438900	33.870	ng	# 57
33) 4-Chloroaniline	10.33	127	377446	18.042	ng	# 74
34) Hexachlorobutadiene	10.49	225	676912	38.369	ng	# 97
35) Caprolactam	11.12	113	205502m	40.001	ng	#
36) 4-Chloro-3-methylphenol	11.46	107	896919	38.343	ng	# 75
37) 2-Methylnaphthalene	11.83	142	1613948	41.894	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	1188581	35.614	ng	# 100
40) Hexachlorocyclopentadiene	12.19	237	1883828	96.871	ng	# 99

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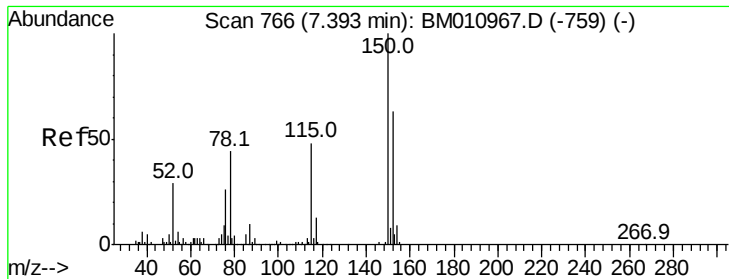
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	761610	37.703	nq	97
43) 2,4,5-Trichlorophenol	12.53	196	811878	39.023	nq #	88
45) 1,1'-Biphenyl	12.87	154	2321474	34.562	nq	98
46) 2-Chloronaphthalene	12.91	162	1843715	37.255	nq	95
47) 2-Nitroaniline	13.13	65	710357	40.573	nq #	65
48) Acenaphthylene	13.77	152	2772763	37.542	nq	99
49) Dimethylphthalate	13.53	163	2432423	36.604	nq #	99
50) 2,6-Dinitrotoluene	13.64	165	508328	37.828	nq #	63
51) Acenaphthene	14.12	154	1721717	37.649	nq	98
52) 3-Nitroaniline	13.97	138	372384	31.934	nq #	47
53) 2,4-Dinitrophenol	14.18	184	723833	75.792	nq #	90
54) Dibenzofuran	14.46	168	3024591	40.818	nq #	91
55) 4-Nitrophenol	14.30	139	764504	74.621	nq	88
56) 2,4-Dinitrotoluene	14.44	165	746249	39.557	nq	94
57) Fluorene	15.11	166	2511093	38.923	nq	100
58) 2,3,4,6-Tetrachlorophenol	14.69	232	842166	43.186	nq #	100
59) Diethylphthalate	14.91	149	2592015	38.193	nq	100
60) 4-Chlorophenyl-phenylether	15.12	204	1529766	39.274	nq	98
61) 4-Nitroaniline	15.14	138	476841	38.498	nq #	1
62) Azobenzene	15.41	77	3170660	43.653	nq	89
64) 4,6-Dinitro-2-methylphenol	15.20	198	497468	37.086	nq	90
65) n-Nitrosodiphenylamine	15.33	169	2210977	38.991	nq	99
66) 4-Bromophenyl-phenylether	16.01	248	1021859	40.117	nq #	89
67) Hexachlorobenzene	16.12	284	1049451	36.460	nq #	88
68) Atrazine	16.30	200	906336	39.884	nq	96
69) Pentachlorophenol	16.46	266	1363407	74.610	nq	97
70) Phenanthrene	16.85	178	4125406	39.762	nq	99
71) Anthracene	16.94	178	4149659	40.104	nq	99
72) Carbazole	17.22	167	3420260	37.797	nq	100
73) Di-n-butylphthalate	17.80	149	4282098	38.859	nq #	97
74) Fluoranthene	18.88	202	4956890	38.553	nq	98
76) Benzidine	19.09	184	2132064	49.025	nq	100
77) Pyrene	19.24	202	4832909	44.742	nq	99
79) Butylbenzylphthalate	20.19	149	1704660	44.379	nq #	71
80) Benzo(a)anthracene	21.01	228	4157041	40.048	nq	100
81) 3,3'-Dichlorobenzidine	20.96	252	1084319	26.628	nq #	95
82) Chrysene	21.06	228	3824279	38.381	nq	99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2338496	41.384	nq #	97
84) Di-n-octyl phthalate	21.82	149	3422624	37.319	nq	100
85) Indeno(1,2,3-cd)pyrene	25.21	276	2713106	26.292	nq #	97
87) Benzo(b)fluoranthene	22.51	252	3356718	42.713	nq #	93
88) Benzo(k)fluoranthene	22.56	252	3047155	40.454	nq #	95
89) Benzo(a)pyrene	23.05	252	2844844	40.005	nq #	96
90) Dibenzo(a,h)anthracene	25.23	278	2234175	33.891	nq #	91
91) Benzo(g,h,i)perylene	25.84	276	2184886	33.752	nq #	86

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



#1

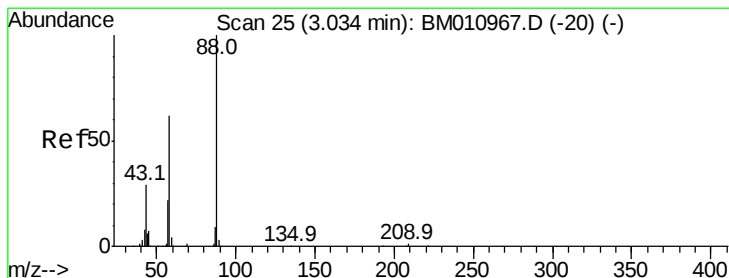
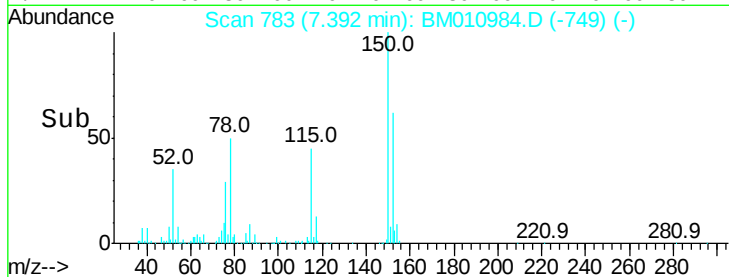
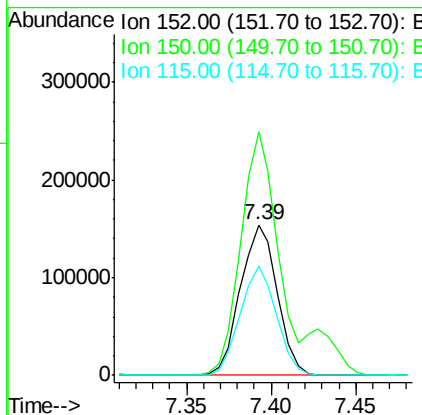
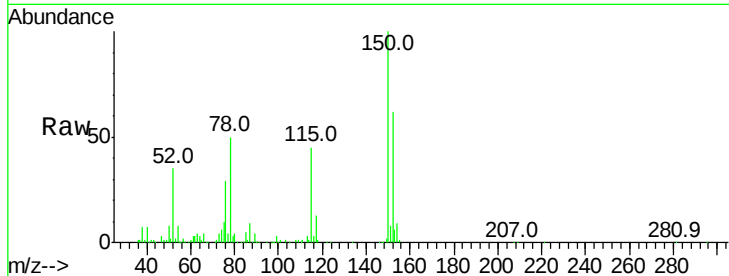
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.6	119.5	179.3
115	72.8	43.0	64.4

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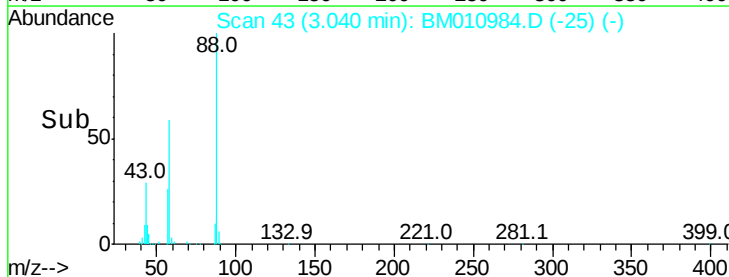
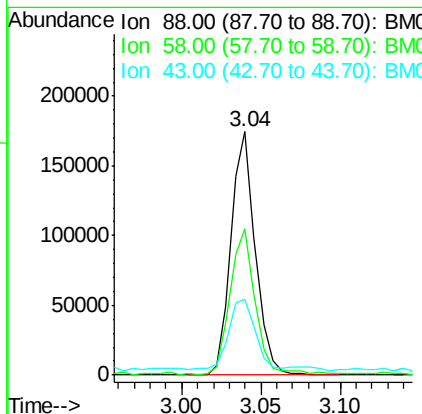
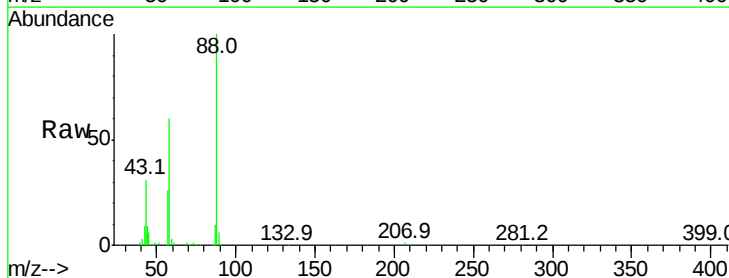
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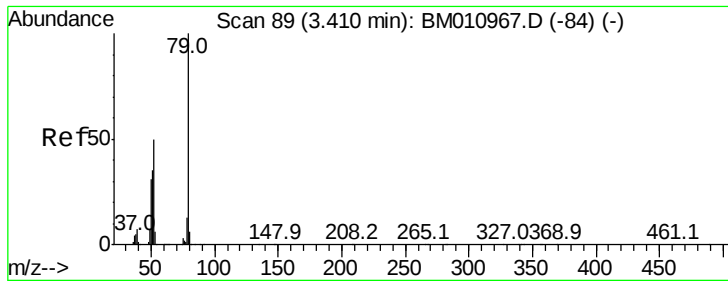


#2

1,4-Dioxane
Concen: 30.075 ng
RT: 3.04 min Scan# 43
Delta R.T. 0.01 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.1	0.0	0.0
43	31.1	0.0	0.0





#3

Pvridine

Concen: 33.483 ng

RT: 3.41 min Scan# 106

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

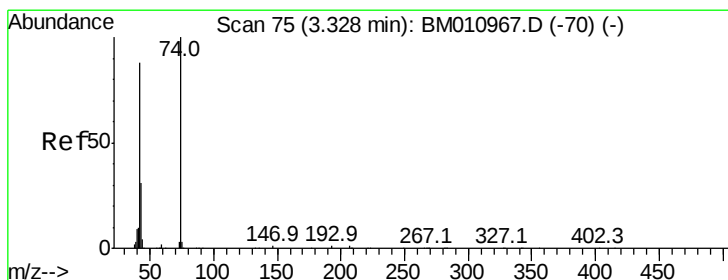
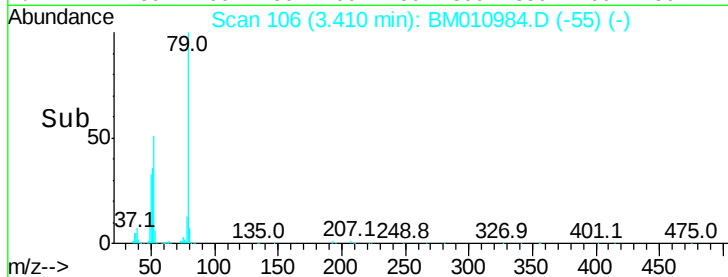
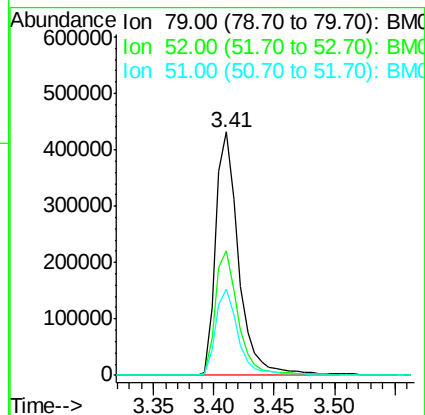
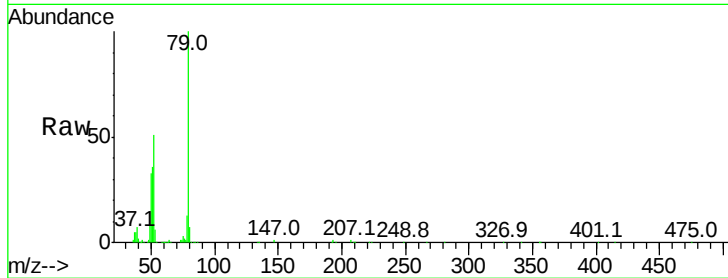
ClientSampleId :

PB100891BS

Tot Ion:	79	Resp:	565369
Ion Ratio	Lower	Upper	
79	100		
52	51.3	51.1	76.7
51	35.6	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 42.174 ng

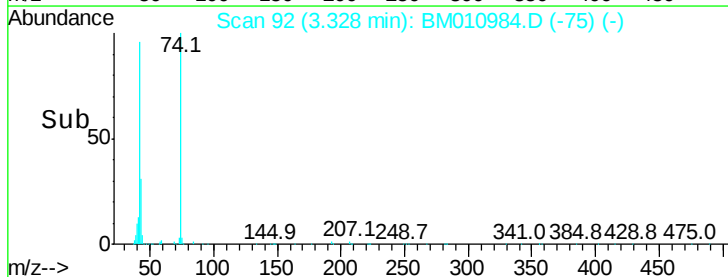
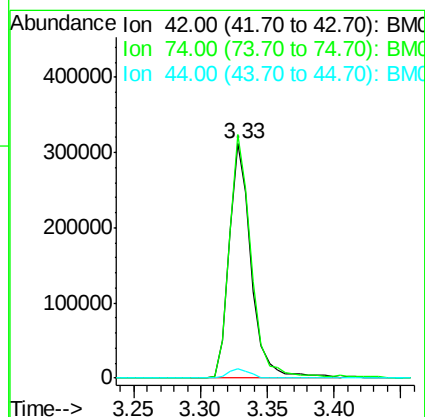
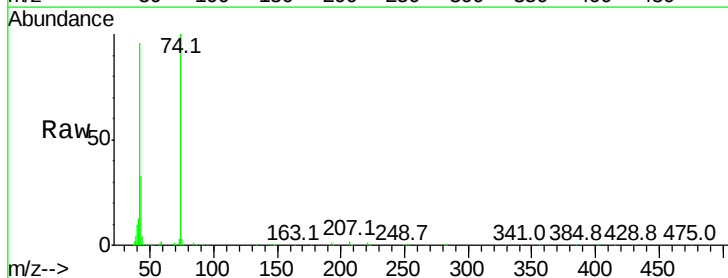
RT: 3.33 min Scan# 92

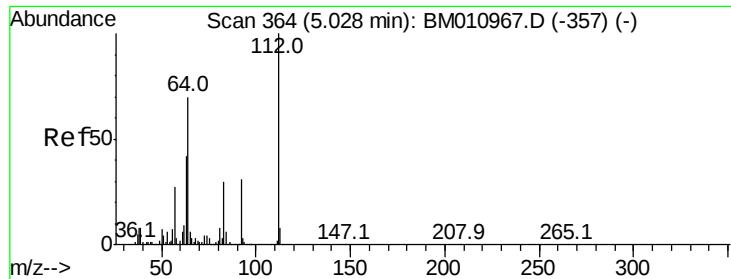
Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Tgt Ion:	42	Resp:	362901
Ion Ratio	Lower	Upper	
42	100		
74	103.8	119.3	178.9#
44	4.0	5.4	8.2#





#5

2-Fluorophenol

Concen: 133.704 ng

RT: 5.03 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

ClientSampleId :

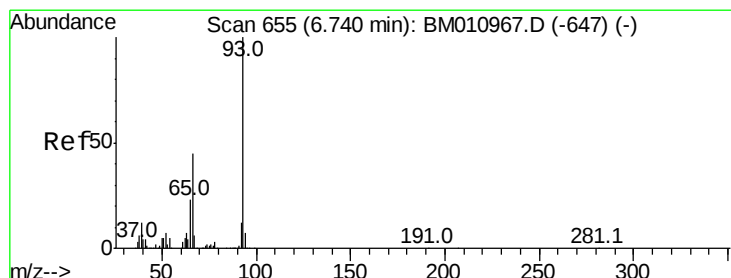
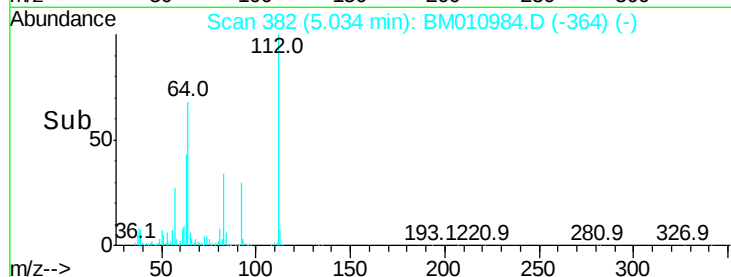
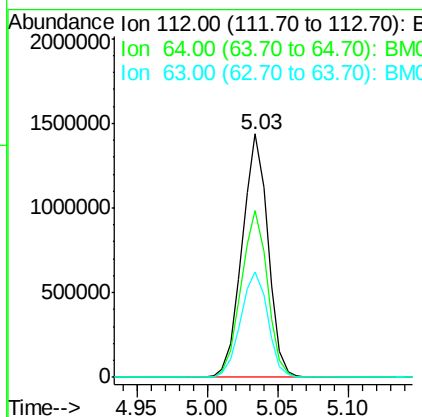
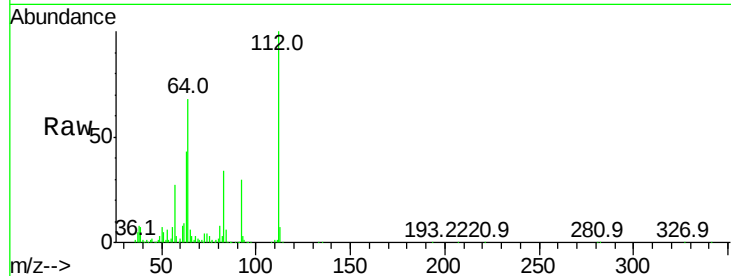
PB100891BS

Tot Ion:	112	Resp:	1840852
Ion Ratio	Lower	Upper	
112	100		
64	68.4	38.6	57.8#
63	43.4	19.3	28.9#

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#6

Aniline

Concen: 34.504 ng

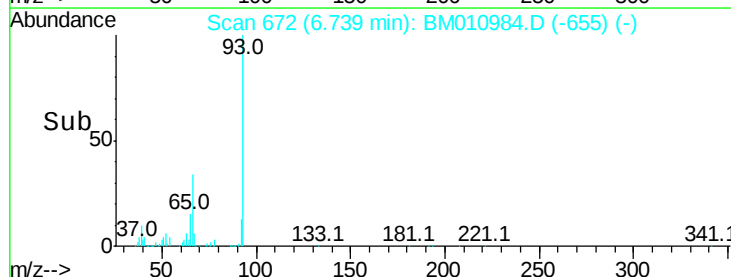
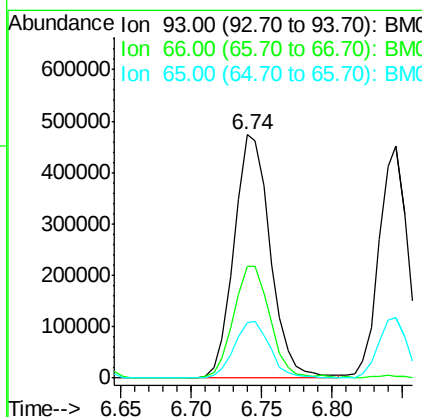
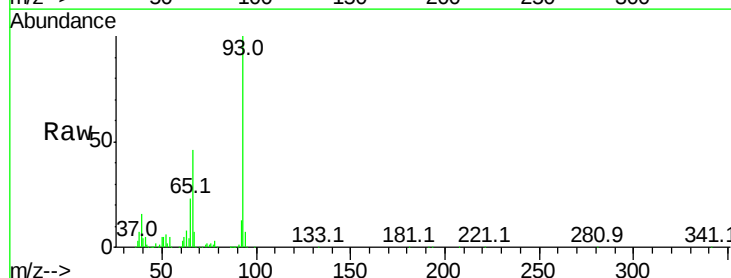
RT: 6.74 min Scan# 672

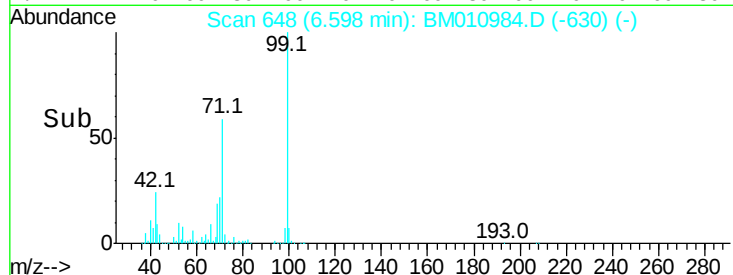
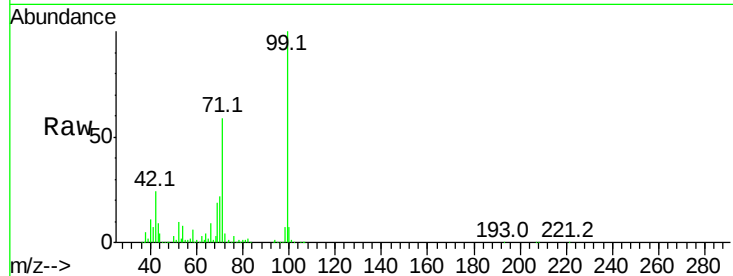
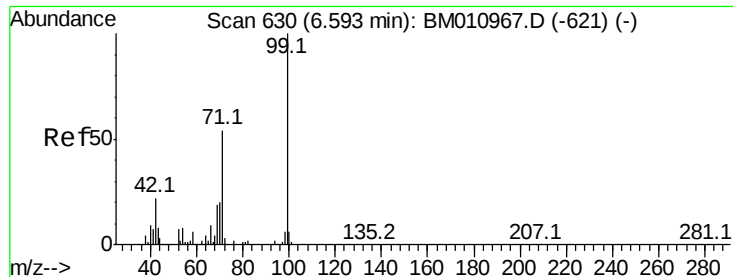
Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Tgt Ion:	93	Resp:	850696
Ion Ratio	Lower	Upper	
93	100		
66	45.9	30.8	46.2
65	22.8	16.0	24.0





#7

Phenol-d6

Concen: 128.531 ng

RT: 6.60 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Tot Ion	99	Resp	2514305
Ion	Ratio	Lower	Upper
99	100		
42	23.8	11.0	16.4#
71	58.6	23.4	35.2#

Instrument :

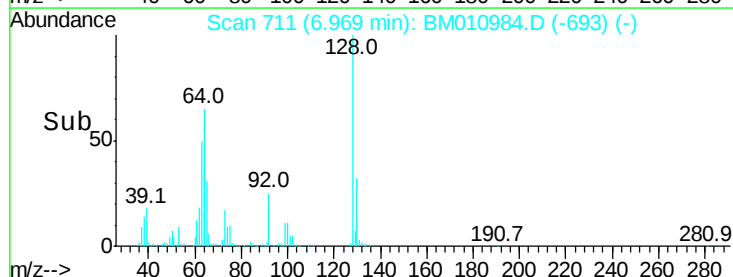
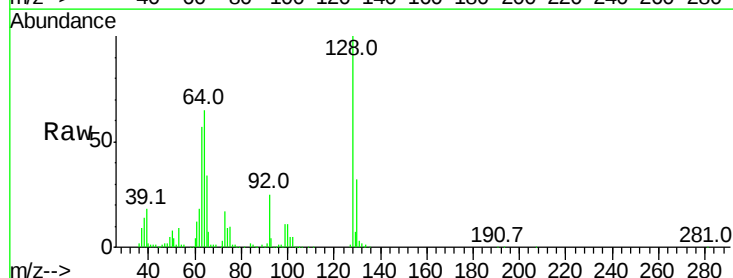
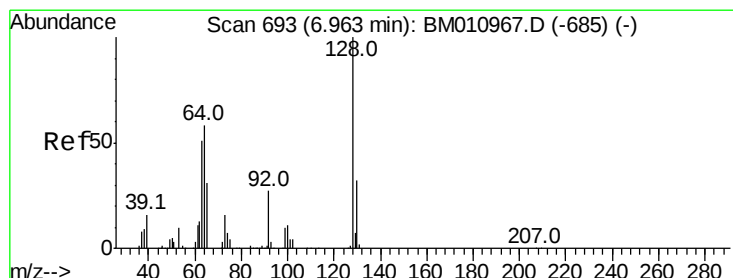
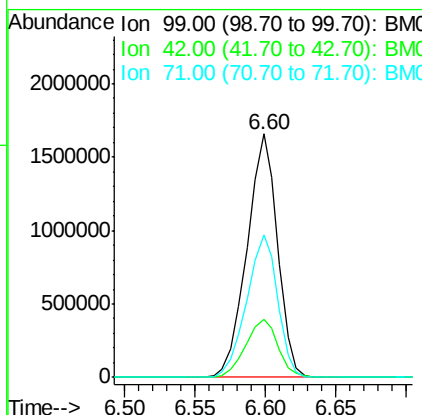
BNA_M

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#8

2-Chlorophenol

Concen: 41.520 ng

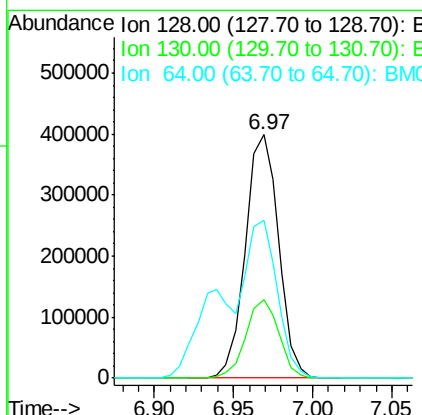
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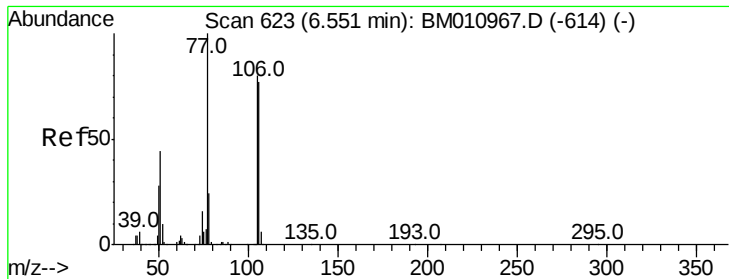
Delta R.T. 0.01 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Tgt Ion	128	Resp	580380
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	64.8	24.9	64.9





#9

Benzaldehyde

Concen: 22.308 ng

RT: 6.55 min Scan# 640

Delta R.T. 0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

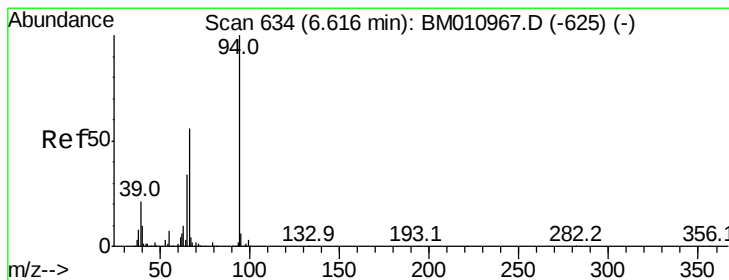
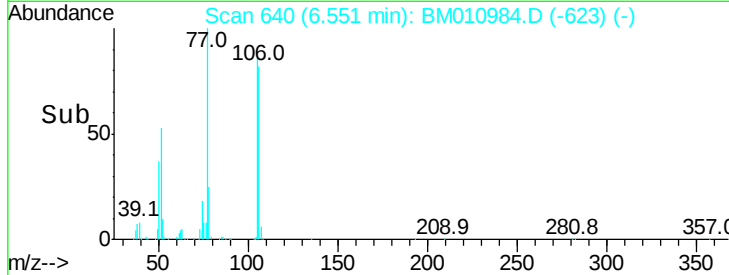
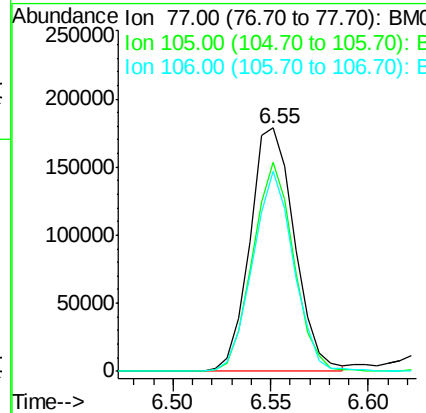
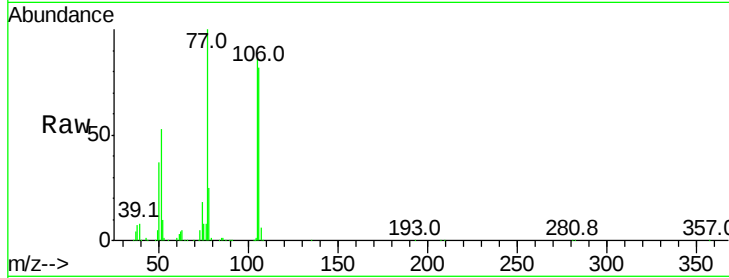
ClientSampleId :

PB100891BS

Tot Ion:	77	Resp:	282347
Ion Ratio	Lower	Upper	
77	100		
105	86.1	78.8	118.8
106	82.1	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 41.010 ng

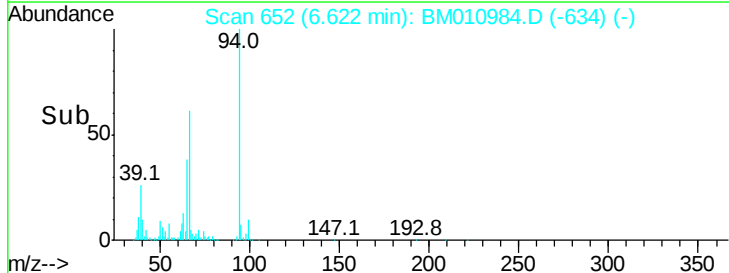
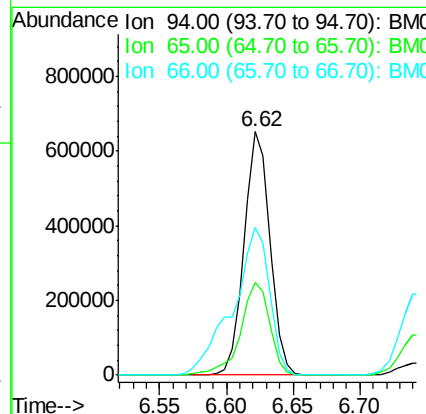
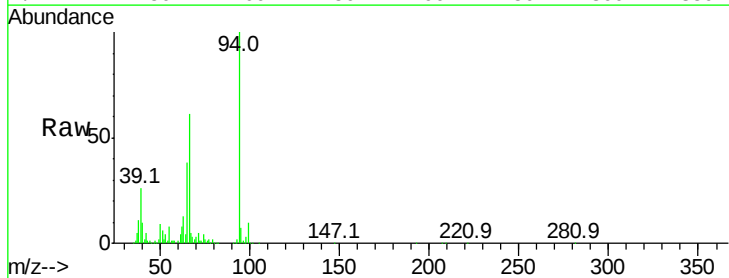
RT: 6.62 min Scan# 652

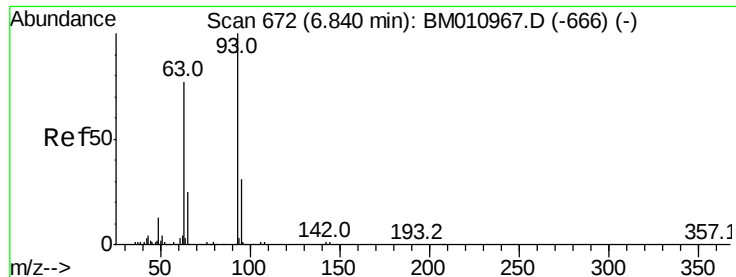
Delta R.T. 0.01 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Tgt Ion:	94	Resp:	871344
Ion Ratio	Lower	Upper	
94	100		
65	38.2	18.8	58.8
66	60.8	39.9	79.9





#11

bis(2-Chloroethyl)ether

Concen: 38.101 ng

RT: 6.85 min Scan# 690

Delta R.T. 0.01 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

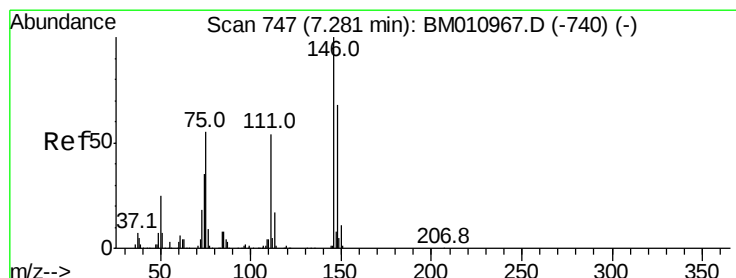
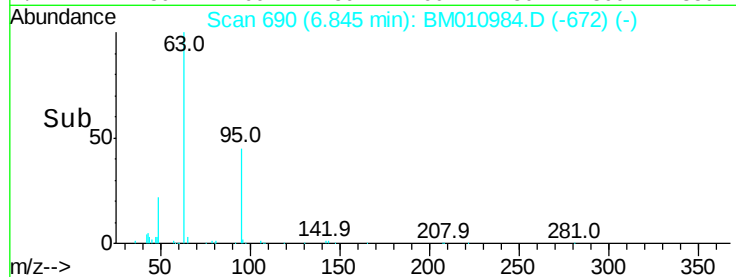
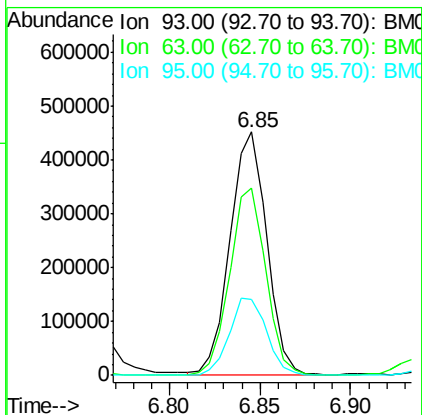
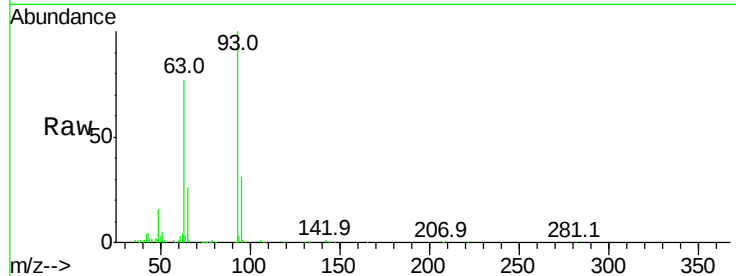
ClientSampleId :

PB100891BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	630777		
63	77.1	49.5	89.5	
95	31.4	13.5	53.5	

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#12

1,3-Dichlorobenzene

Concen: 37.451 ng

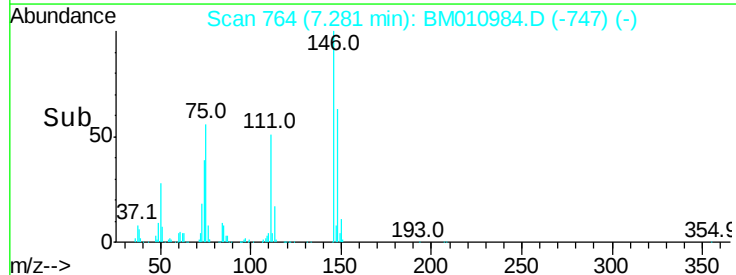
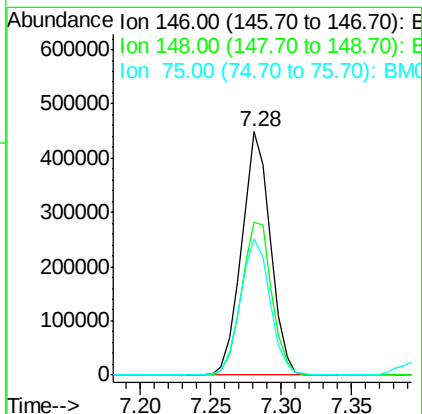
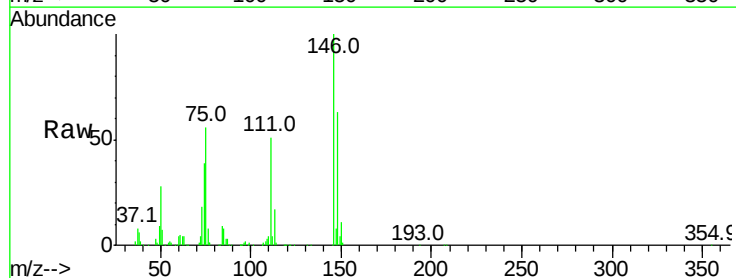
RT: 7.28 min Scan# 764

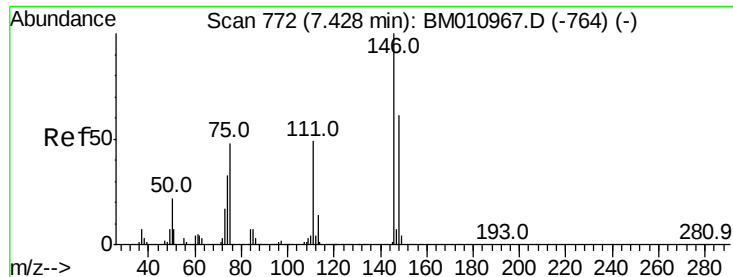
Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	637993		
148	63.0	50.9	76.3	
75	55.8	21.4	32.2	





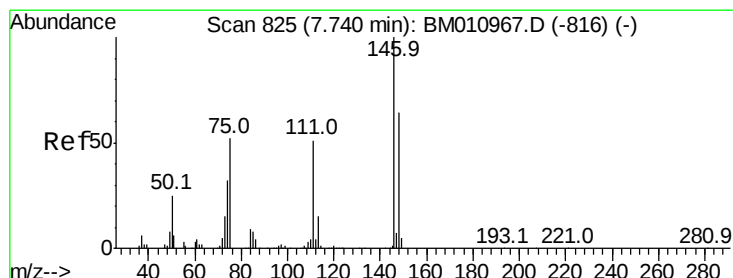
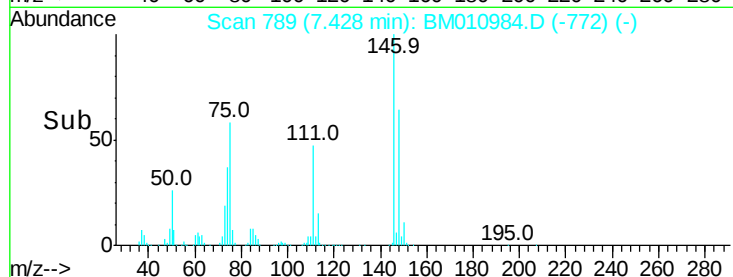
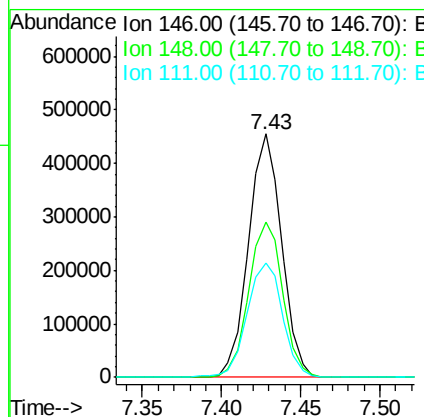
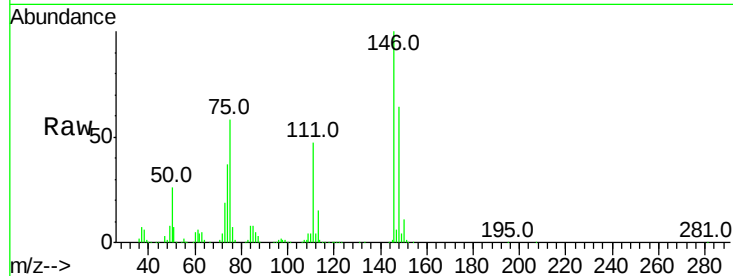
#13
1,4-Dichlorobenzene
Concen: 37.847 ng
RT: 7.43 min Scan# 789
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.9	77.9
111	47.1	29.2	43.8

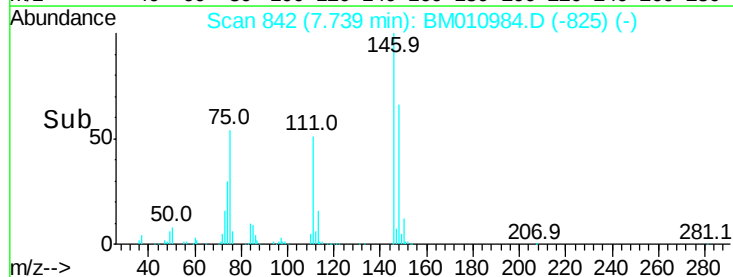
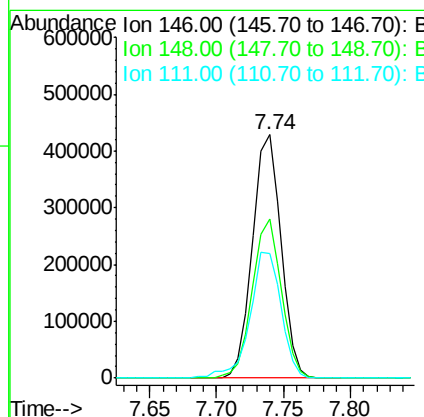
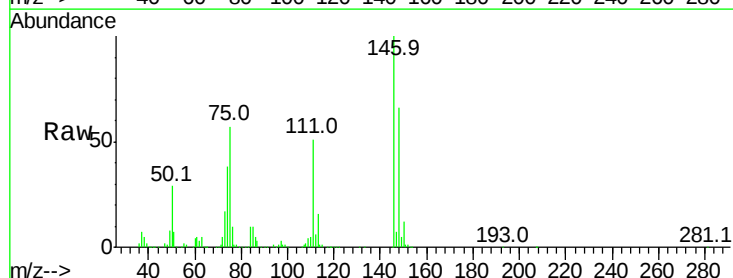
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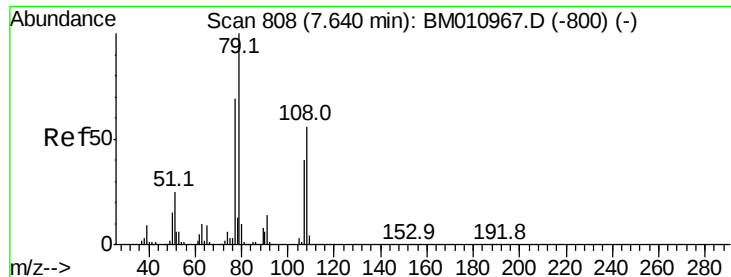
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#14
1,2-Dichlorobenzene
Concen: 37.794 ng
RT: 7.74 min Scan# 842
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.3	78.5
111	50.9	30.6	45.8





#15

Benzyl Alcohol

Concen: 44.841 ng

RT: 7.64 min Scan# 825

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

ClientSampled :

PB100891BS

Tot Ion: 79 Resp: 841485

Ion Ratio Lower Upper

79 100

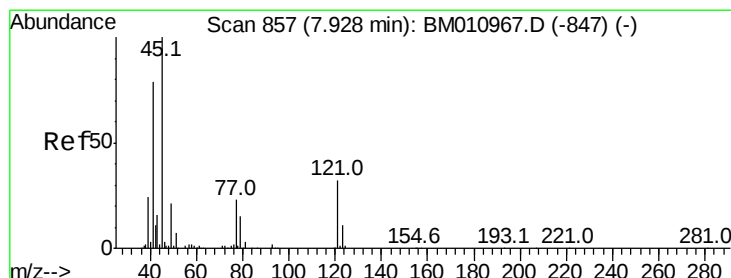
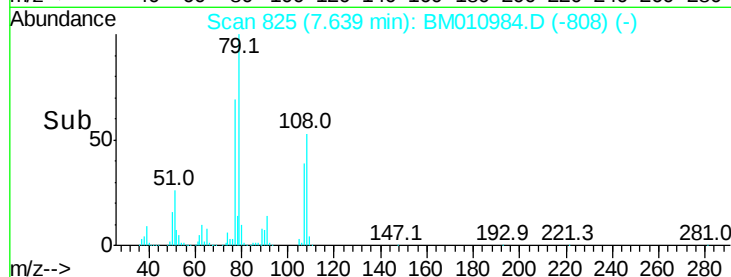
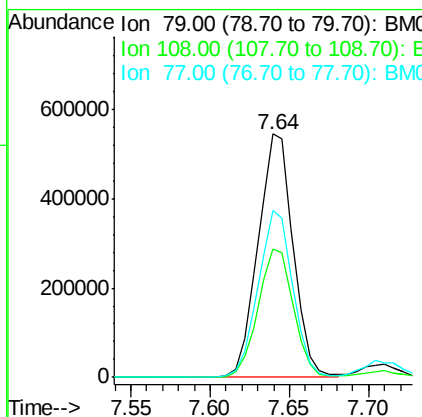
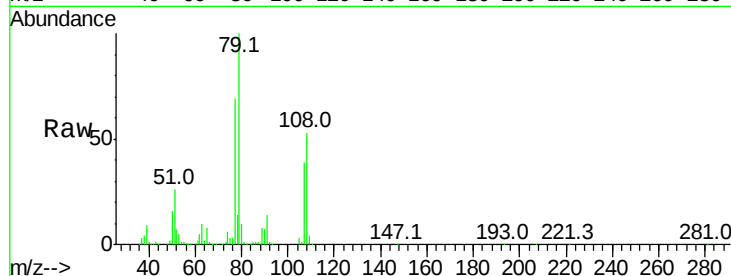
108 52.7 65.0 97.4#

77 68.6 53.0 79.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.068 ng

RT: 7.92 min Scan# 873

Delta R.T. -0.01 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

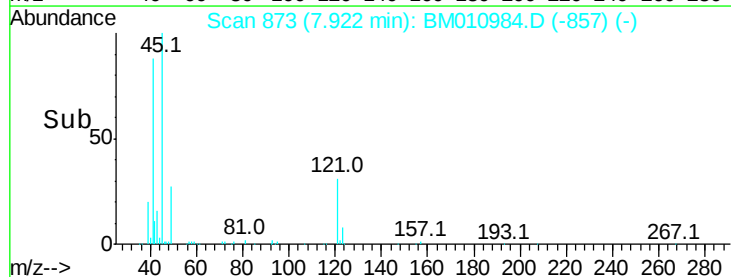
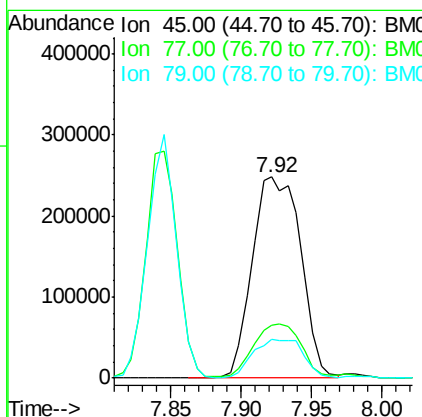
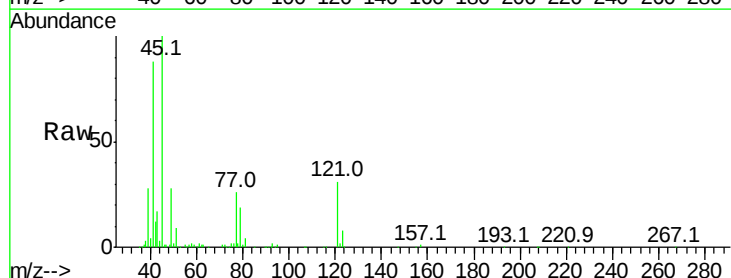
Tgt Ion: 45 Resp: 596910

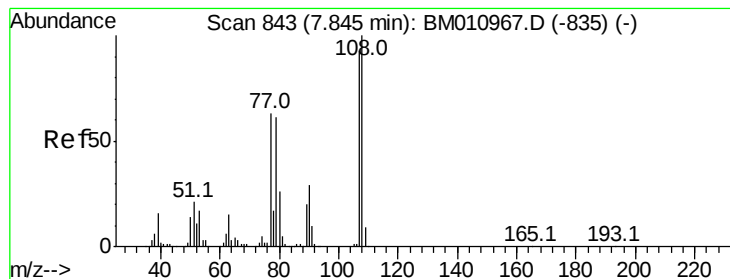
Ion Ratio Lower Upper

45 100

77 26.5 0.0 35.2

79 19.3 0.0 32.0





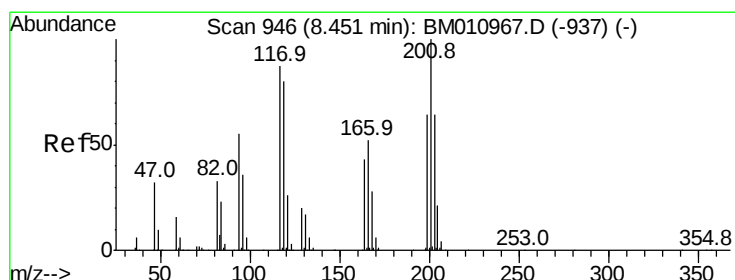
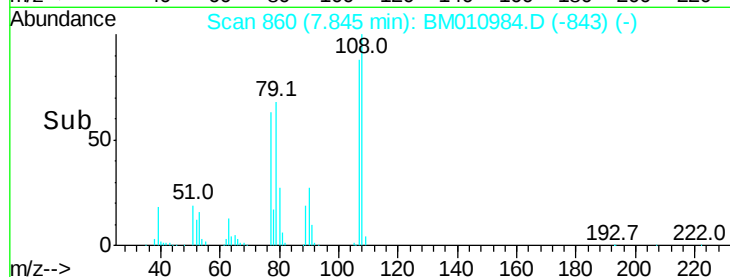
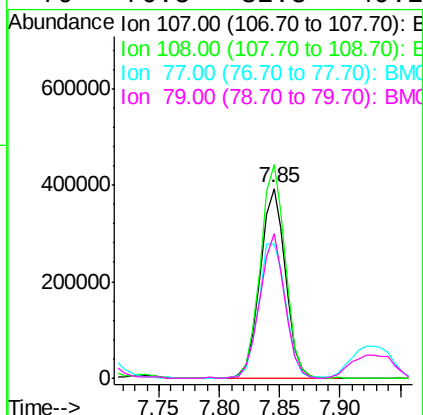
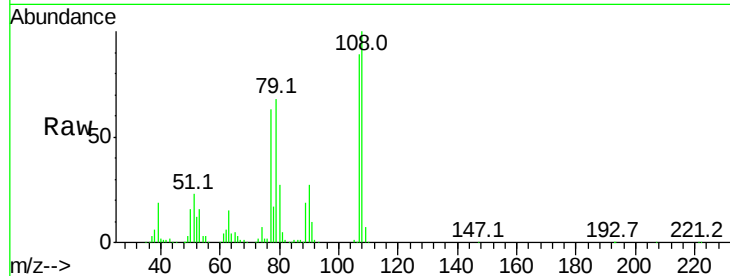
#17
2-Methylphenol
Concen: 42.604 ng
RT: 7.85 min Scan# 860
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.6	89.8	134.8
77	71.2	32.6	48.8#
79	76.5	32.8	49.2#

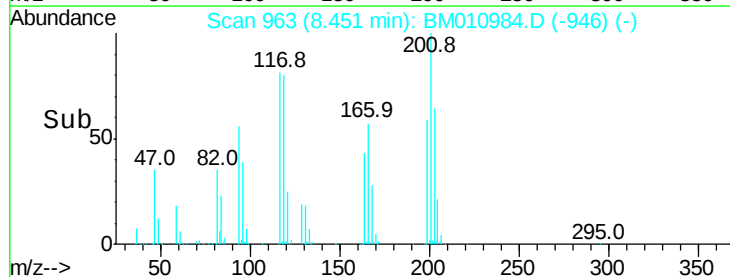
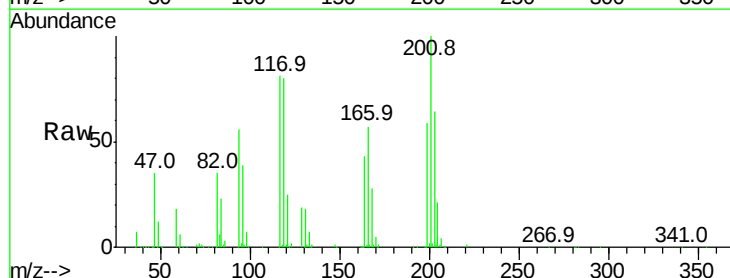
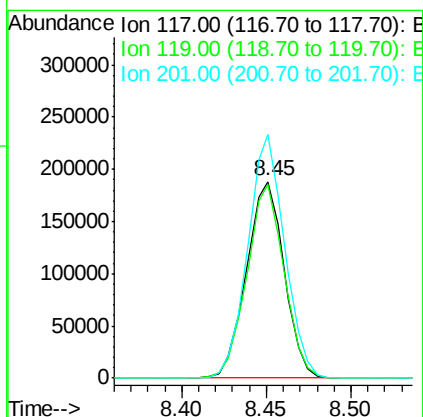
Manual Integrations
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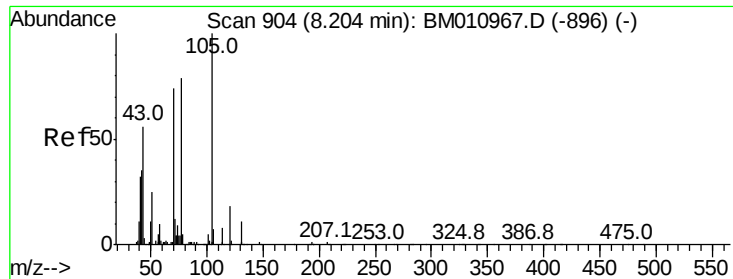
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#18
Hexachloroethane
Concen: 38.319 ng
RT: 8.45 min Scan# 963
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	98.8	79.2	118.8
201	123.9	69.8	104.6#





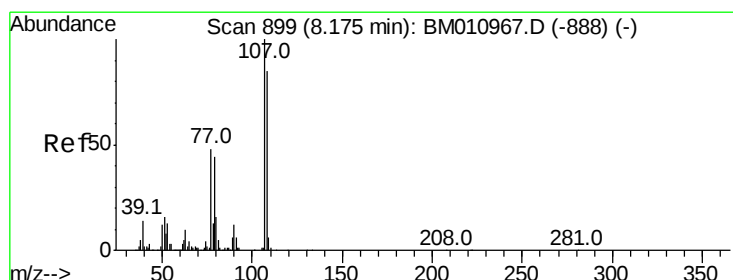
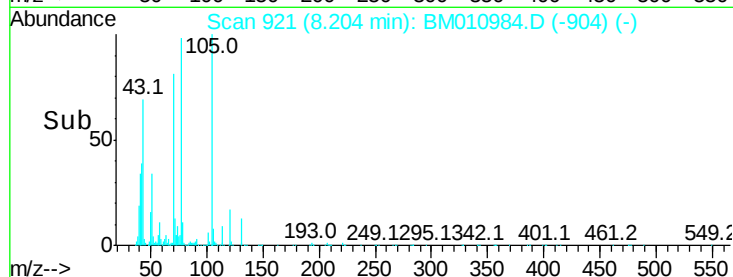
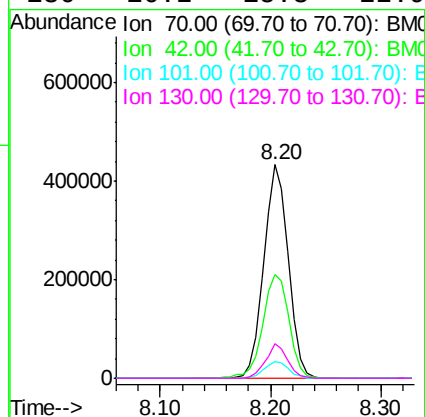
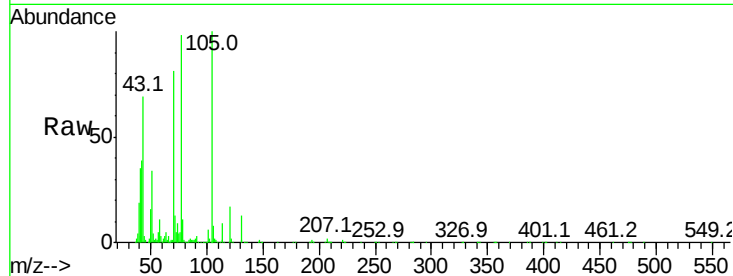
#19
n-Nitroso-di-n-propylamine
Concen: 40.512 ng
RT: 8.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	70	Resp	673446
Ion Ratio	Lower	Upper	
70	100		
42	48.5	44.5	66.7
101	7.9	7.4	11.2
130	16.2	15.3	22.9

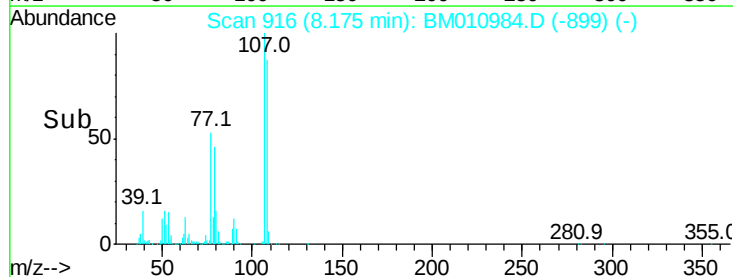
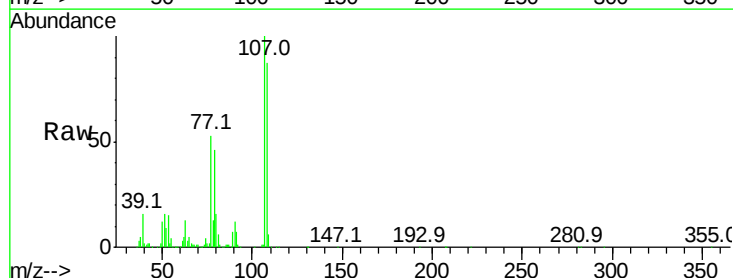
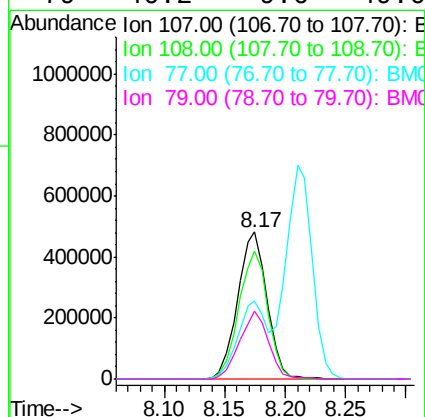
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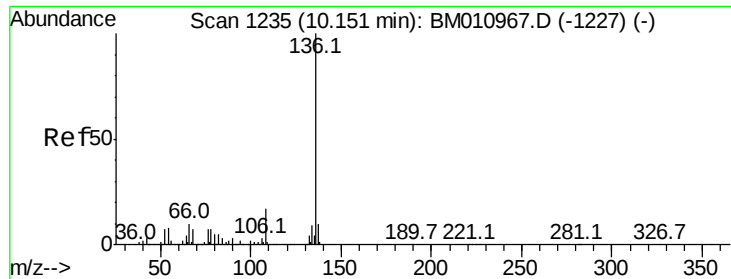
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#20
3+4-Methylphenols
Concen: 43.106 ng
RT: 8.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	107	Resp	813695
Ion Ratio	Lower	Upper	
107	100		
108	87.4	73.2	113.2
77	53.5	10.7	50.7#
79	46.2	9.6	49.6





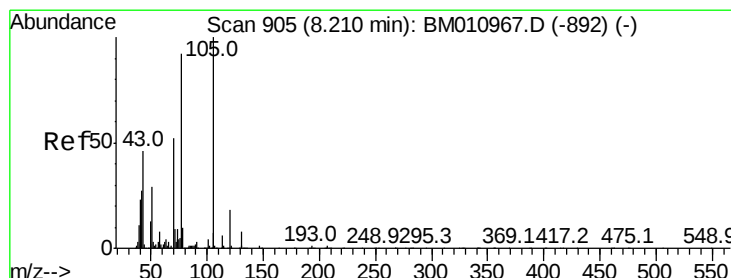
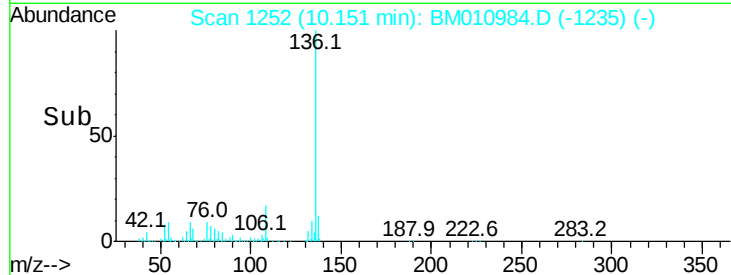
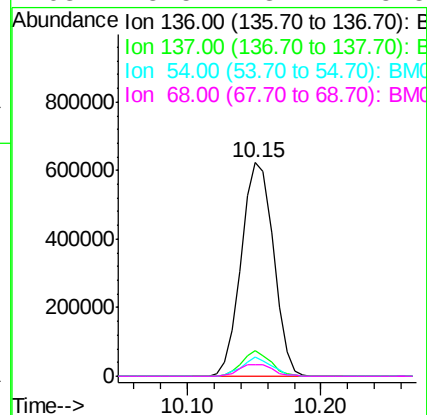
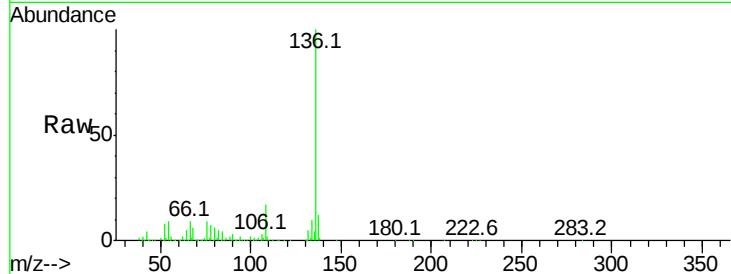
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

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

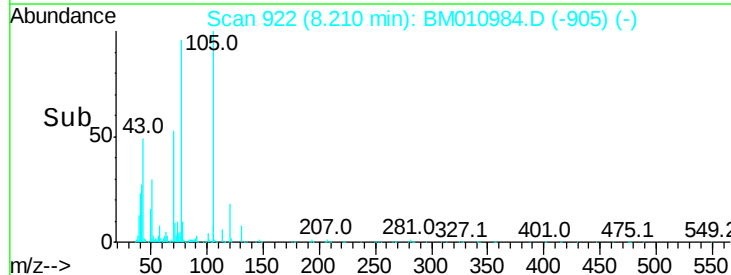
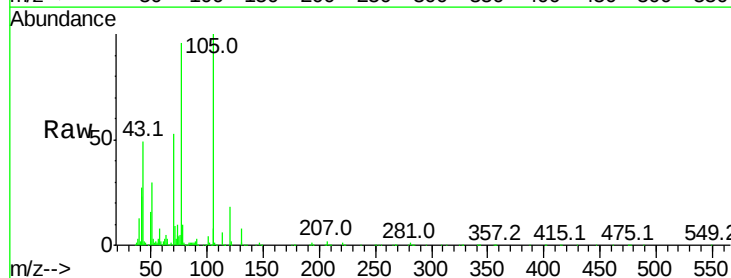
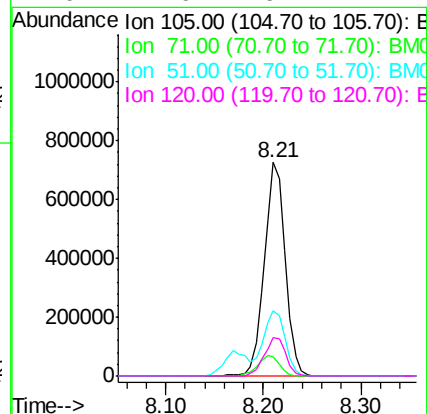
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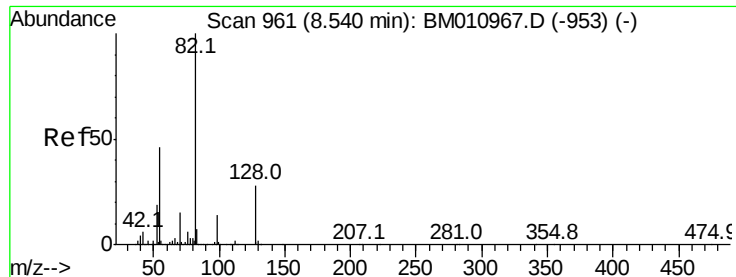
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#22
Acetophenone
Concen: 35.050 ng
RT: 8.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.9	0.6	1.0#
51	30.5	21.6	32.4
120	17.9	16.1	24.1





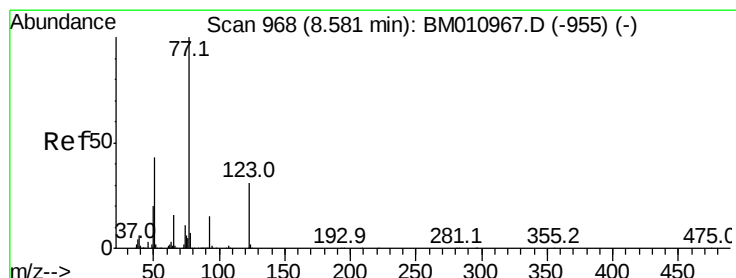
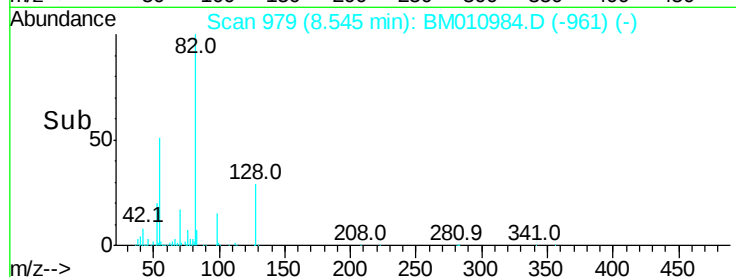
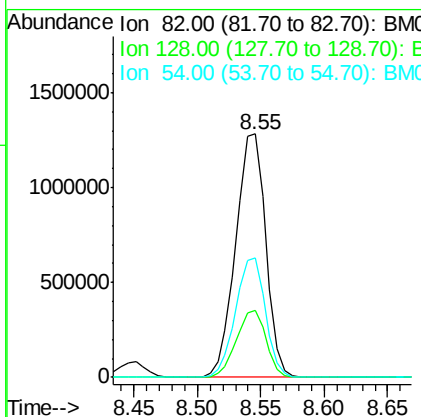
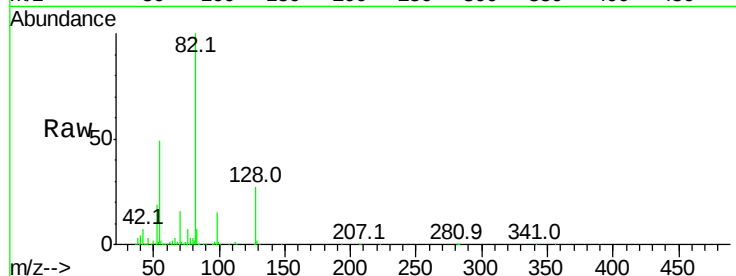
#23
Nitrobenzene-d5
Concen: 75.931 ng
RT: 8.55 min Scan# 979
Delta R.T. 0.01 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	27.4	32.8	49.2#
54	49.1	40.6	60.8

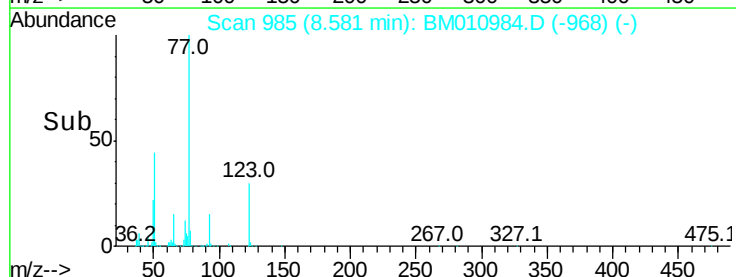
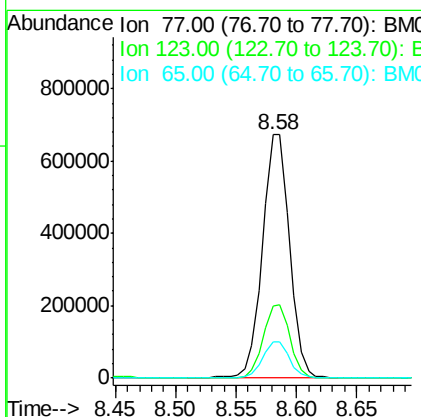
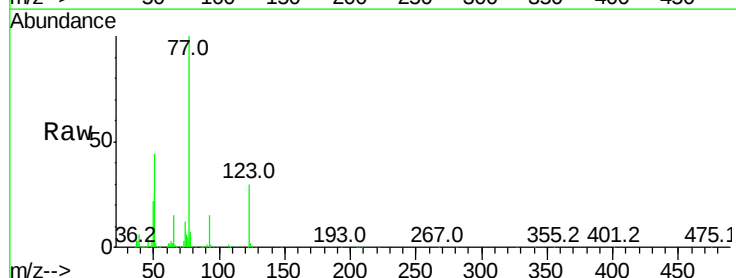
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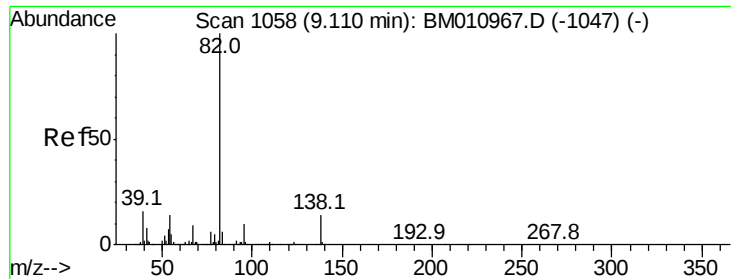
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#24
Nitrobenzene
Concen: 36.764 ng
RT: 8.58 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
77	100		
123	29.6	32.6	49.0#
65	14.7	10.9	16.3





#25

Isophorone

Concen: 36.987 ng

RT: 9.11 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

ClientSampleId :

PB100891BS

Tot Ion: 82 Resp: 1712876

Ion Ratio Lower Upper

82 100

95 9.1 5.8 8.6#

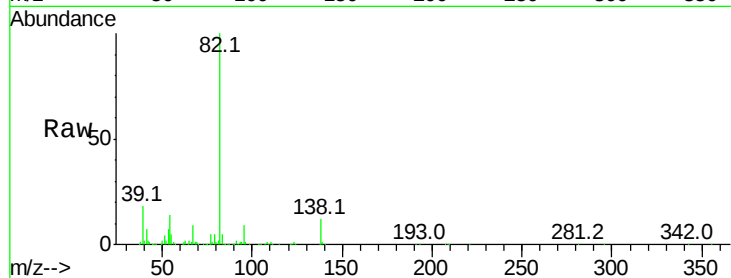
138 12.4 16.3 24.5#

Manual Integrations

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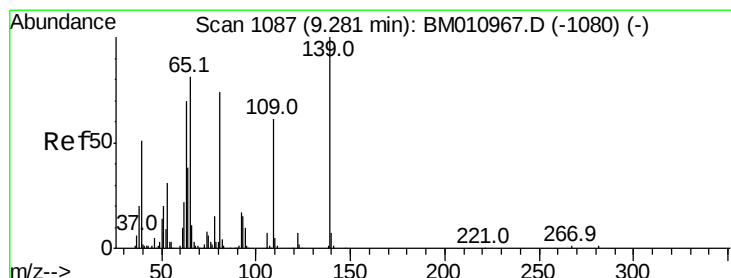
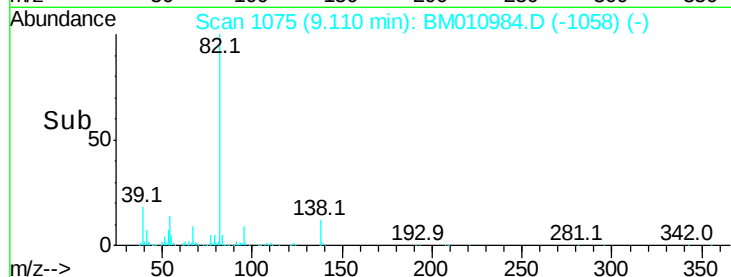
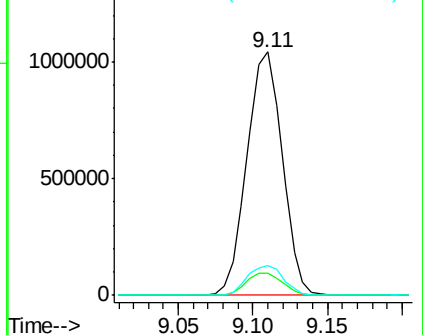
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Abundance Ion 82.00 (81.70 to 82.70): BM010967.D (-1047) (-)

Ion 95.00 (94.70 to 95.70): BM010984.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM010984.D (-1058) (-)



#26

2-Nitrophenol

Concen: 37.095 ng

RT: 9.28 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

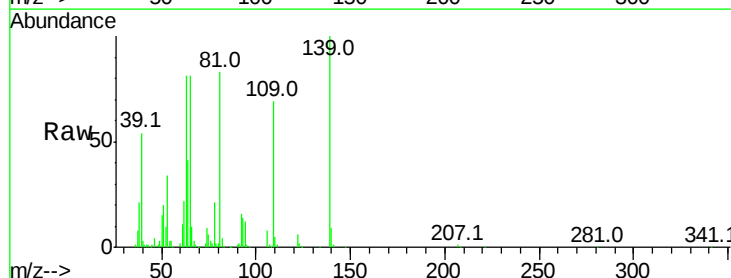
Tgt Ion: 139 Resp: 339715

Ion Ratio Lower Upper

139 100

109 68.6 20.1 30.1#

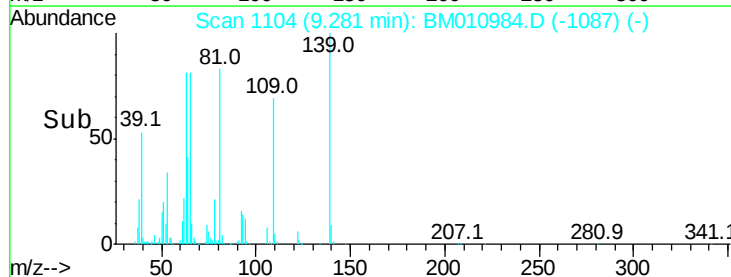
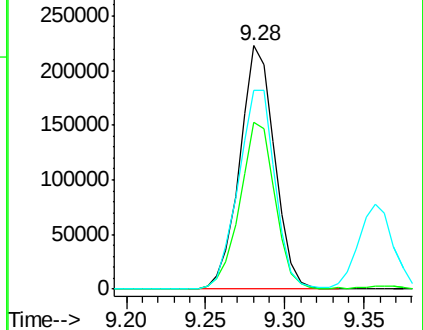
65 81.5 31.5 47.3#

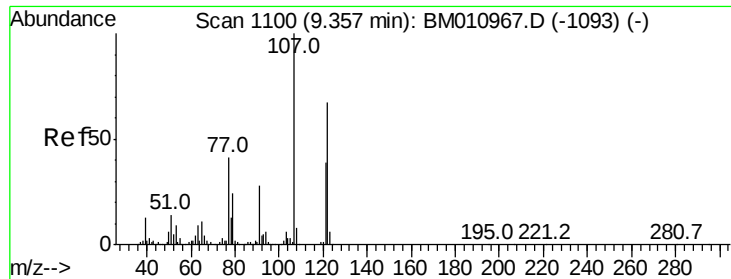


Abundance Ion 139.00 (138.70 to 139.70): BM010967.D (-1080) (-)

Ion 109.00 (108.70 to 109.70): BM010984.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM010984.D (-1087) (-)





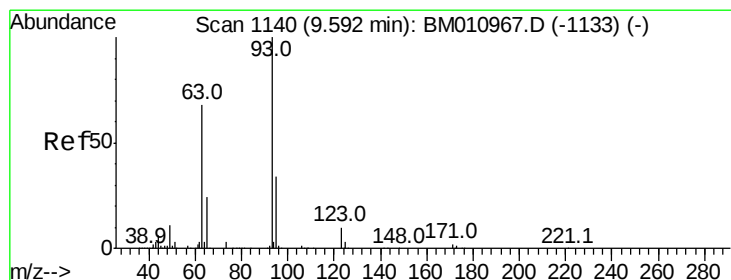
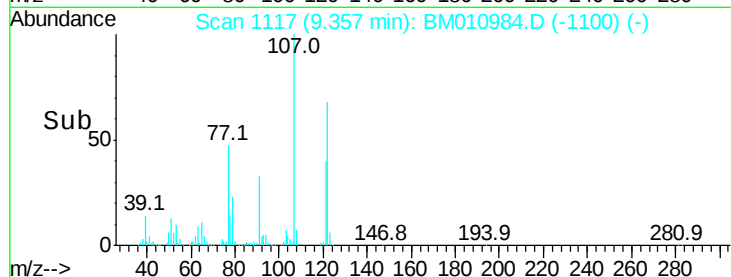
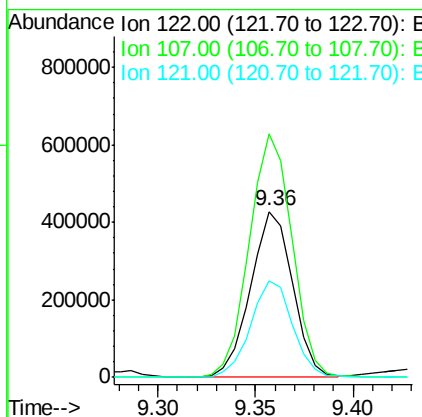
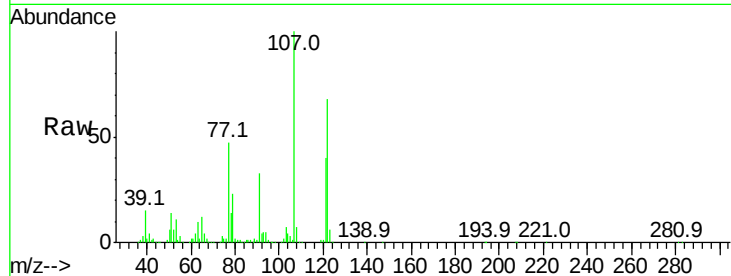
#27
 2,4-Dimethylphenol
 Concen: 39.664 ng
 RT: 9.36 min Scan# 1117
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	146.6	84.7	127.1#
121	58.3	46.6	69.8

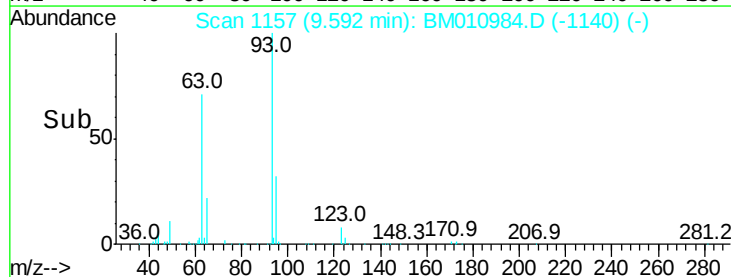
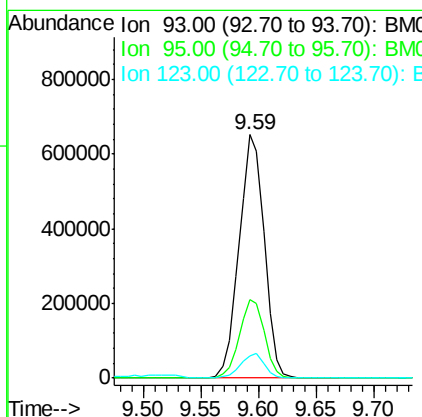
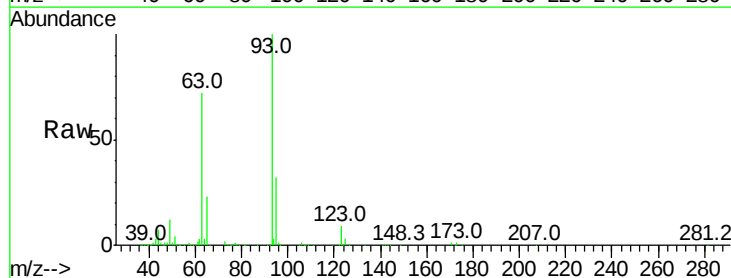
Manual Integrations
 APPROVED

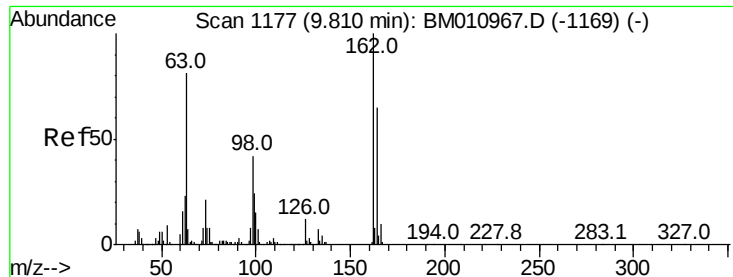
Sohil
 7/27/2017 6:21:37 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.067 ng
 RT: 9.59 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	8.9	8.6	13.0





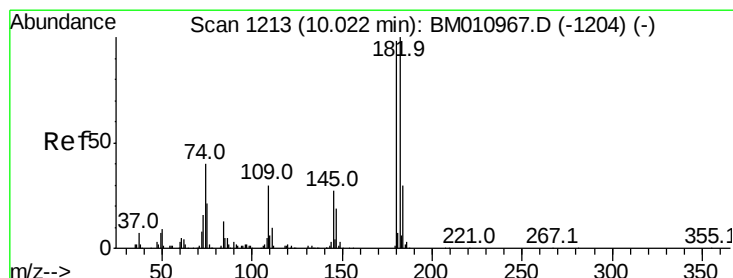
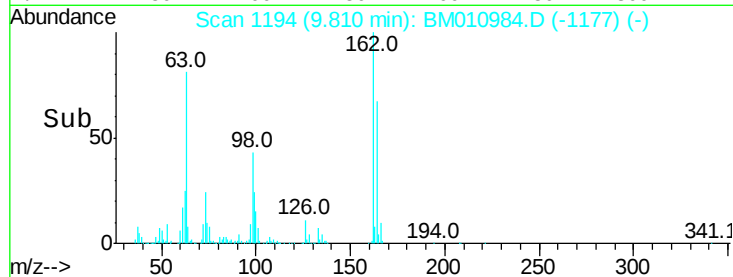
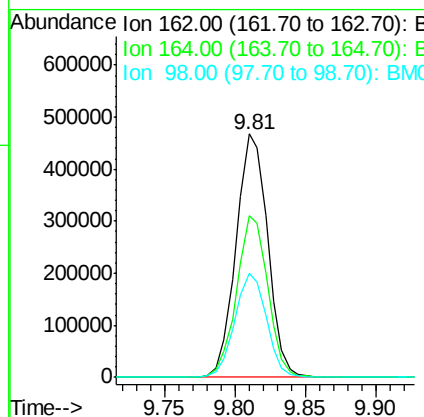
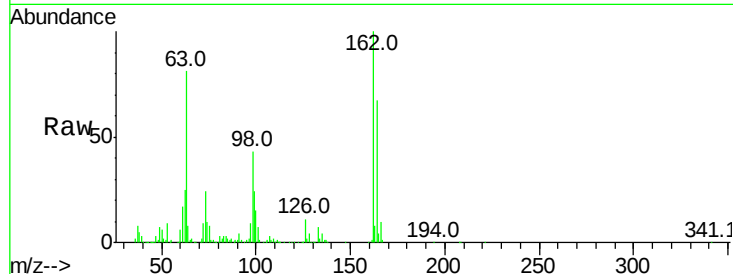
#29
2,4-Dichlorophenol
Concen: 40.400 ng
RT: 9.81 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	731880		
164	66.6	42.8	82.8	
98	42.8	14.5	54.5	

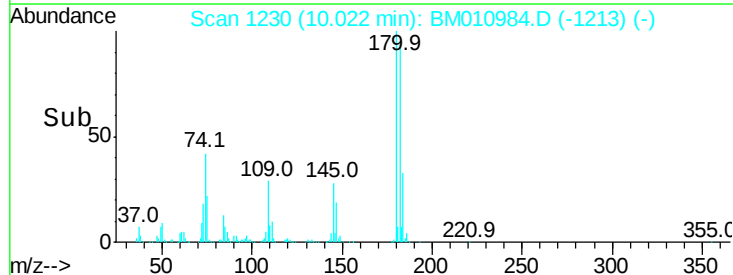
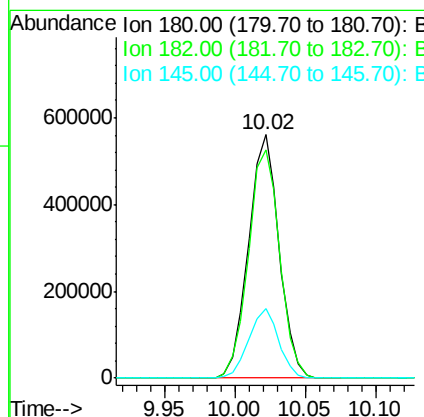
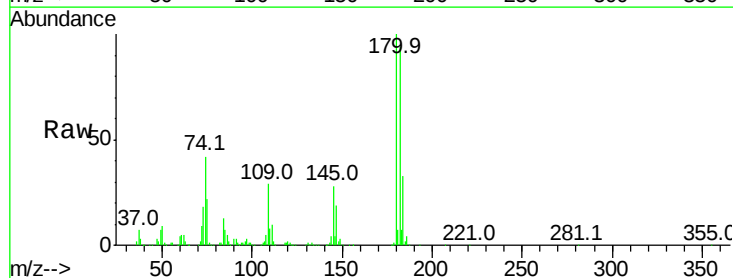
Manual Integrations
APPROVED

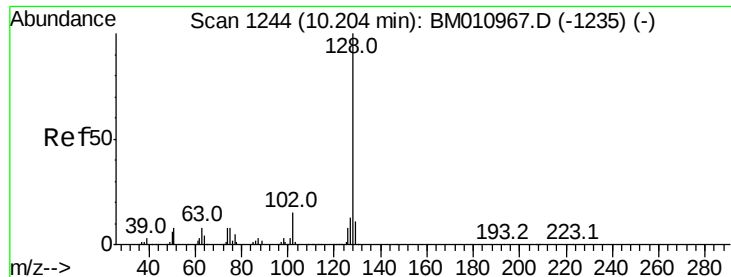
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 38.112 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	853684		
182	93.9	77.6	116.4	
145	28.5	23.4	35.2	





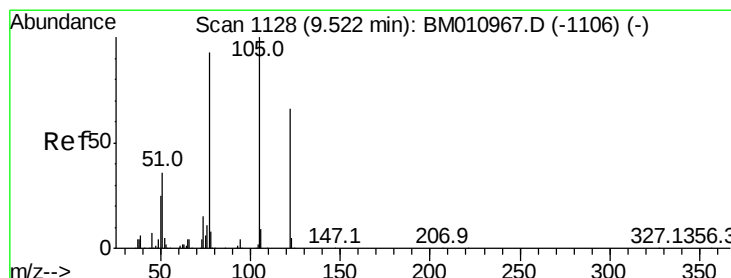
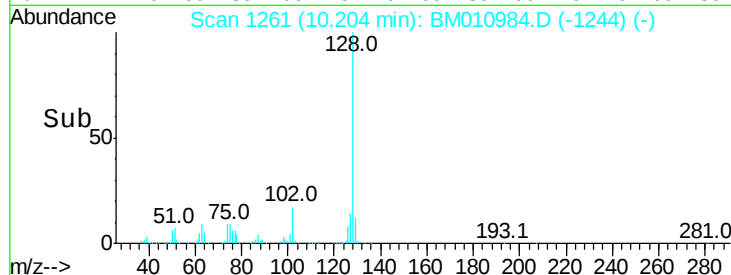
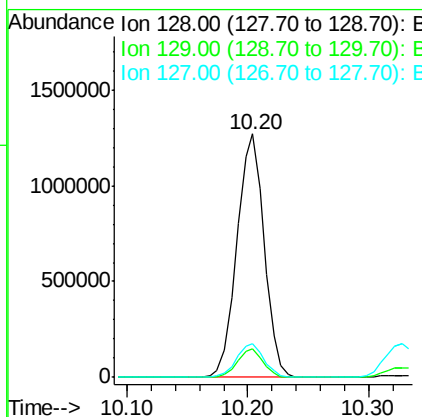
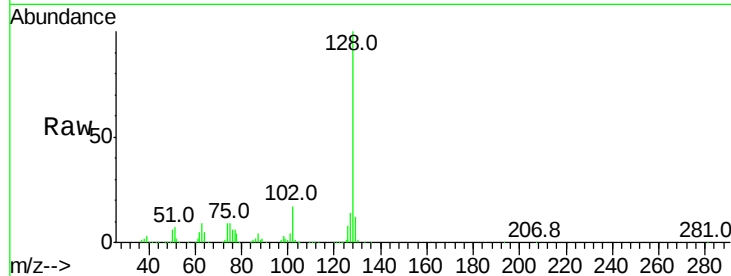
#31
Naphthalene
Concen: 38.113 ng
RT: 10.20 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion:128 Resp: 1998736
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 13.7 10.4 15.6

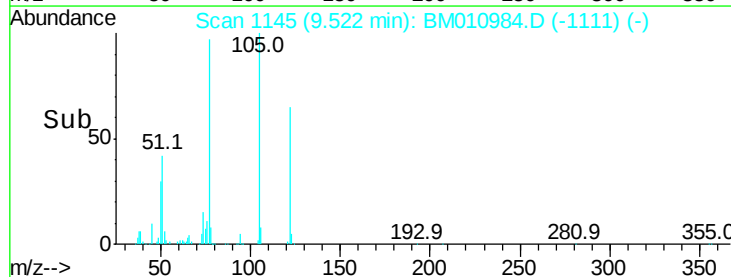
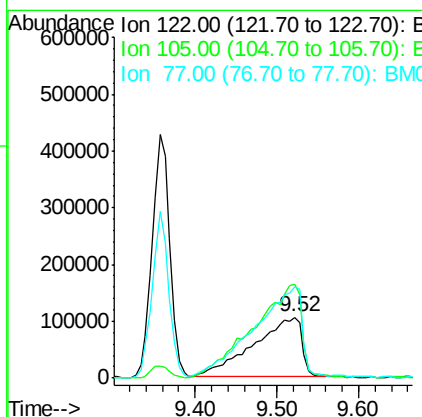
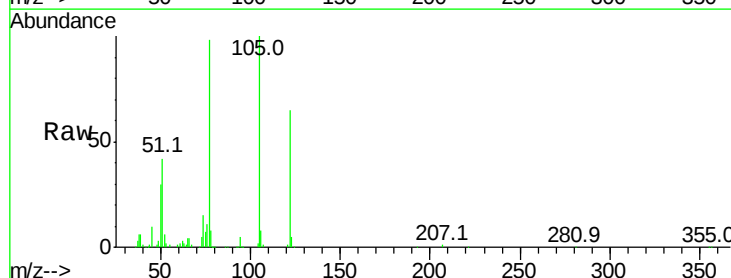
Manual Integrations
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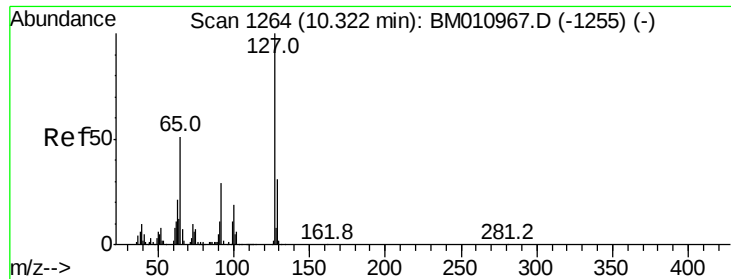
Sohil
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#32
Benzoic acid
Concen: 33.870 ng
RT: 9.52 min Scan# 1145
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion:122 Resp: 438900
Ion Ratio Lower Upper
122 100
105 153.7 99.9 139.9#
77 150.2 73.7 113.7#





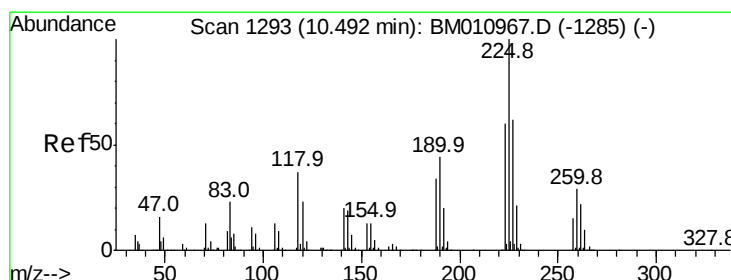
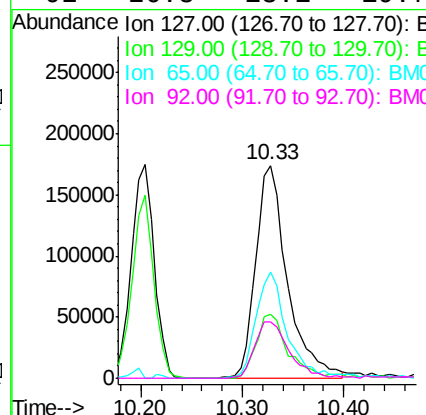
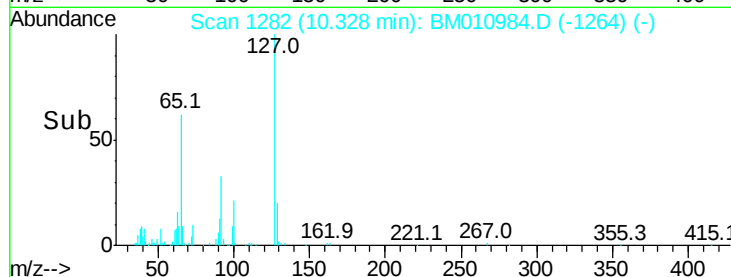
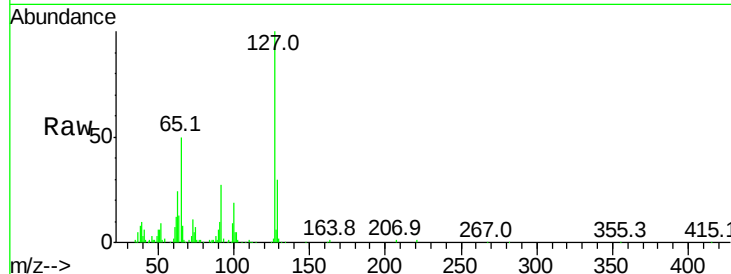
#33
4-Chloroaniline
Concen: 18.042 ng
RT: 10.33 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampled :
PB100891BS

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	30.1	25.3	37.9
65	50.3	17.6	26.4
92	26.8	13.1	19.7

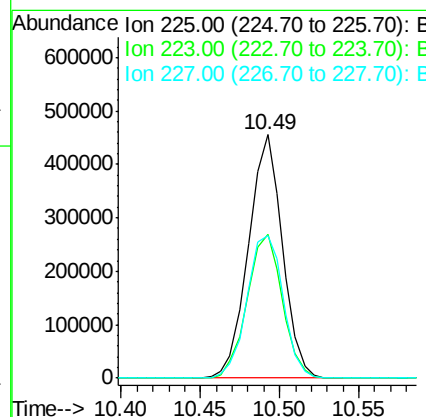
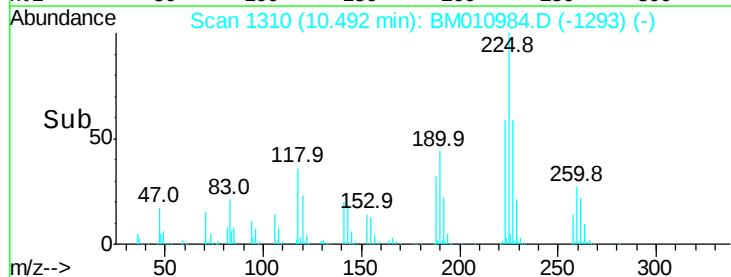
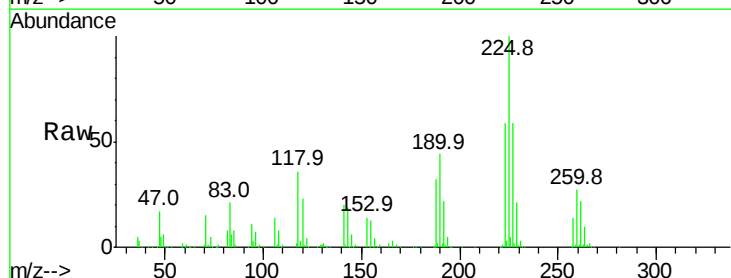
Manual Integrations
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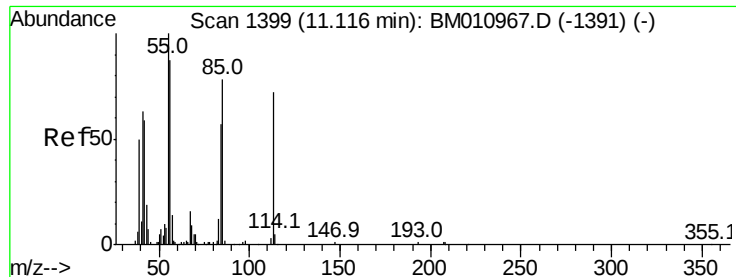
Sohil
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#34
Hexachlorobutadiene
Concen: 38.369 ng
RT: 10.49 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	59.0	47.9	71.9
227	58.6	50.1	75.1





#35

Caprolactam

Concen: 40.001 ng/ml

RT: 11.12 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

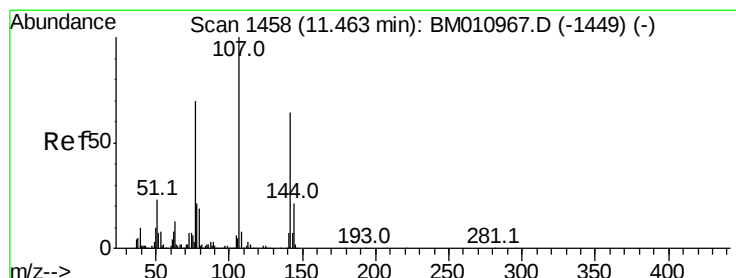
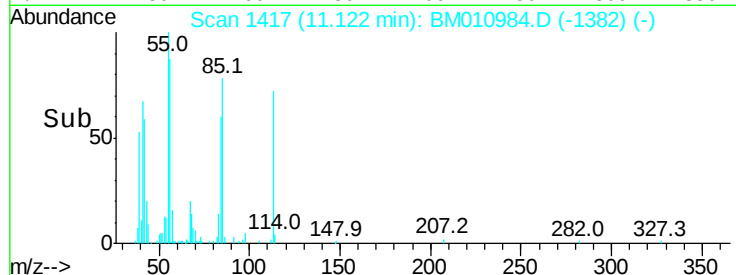
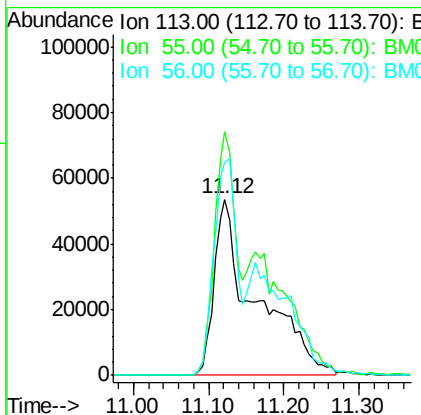
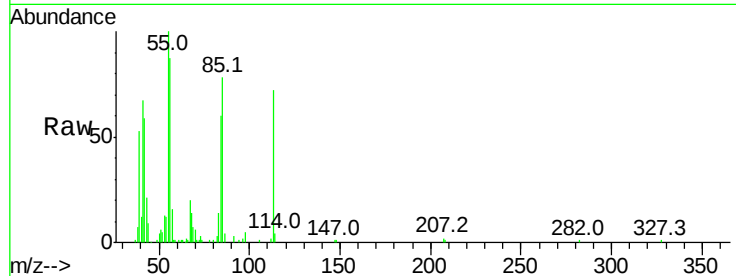
ClientSampleID :

PB100891BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.5	145.9	185.9#
56	120.9	101.0	141.0

Manual Integrations
APPROVED

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#36

4-Chloro-3-methylphenol

Concen: 38.343 ng/ml

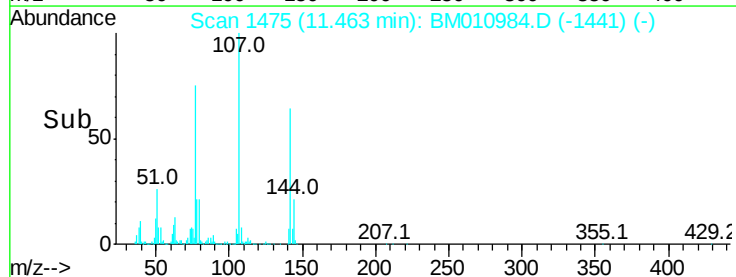
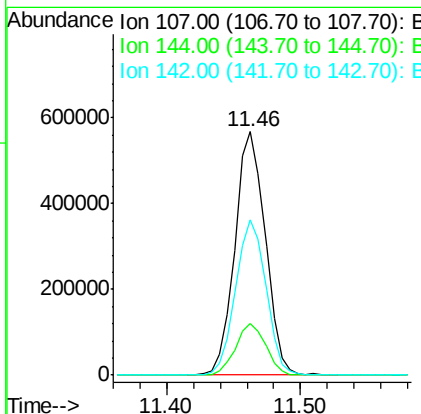
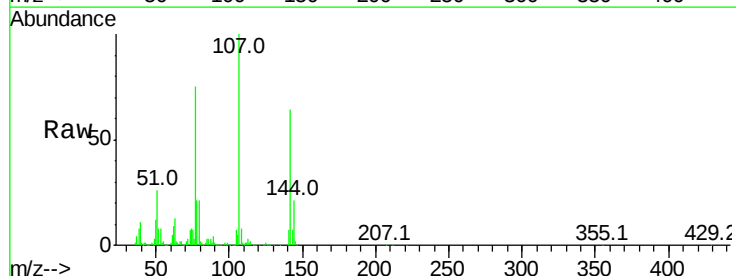
RT: 11.46 min Scan# 1475

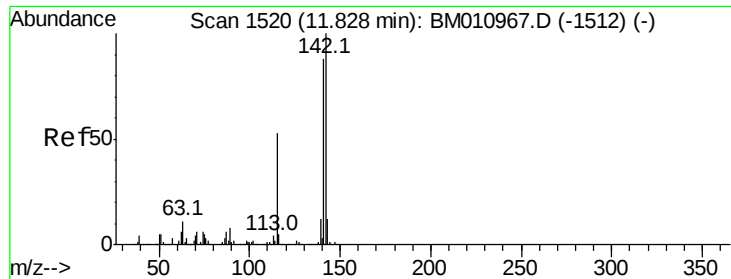
Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.4	23.3	34.9#
142	63.9	72.6	109.0#





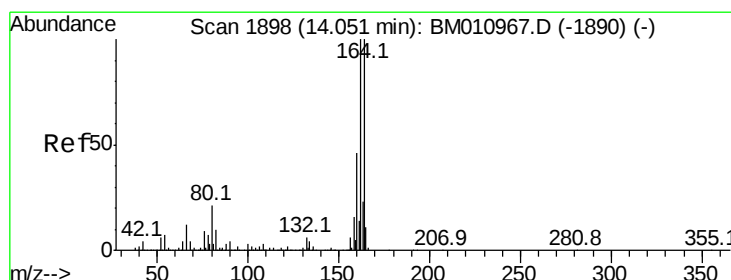
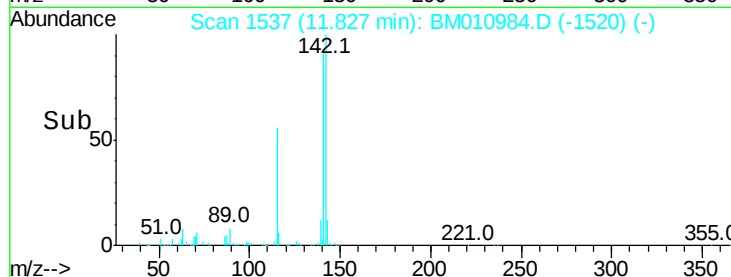
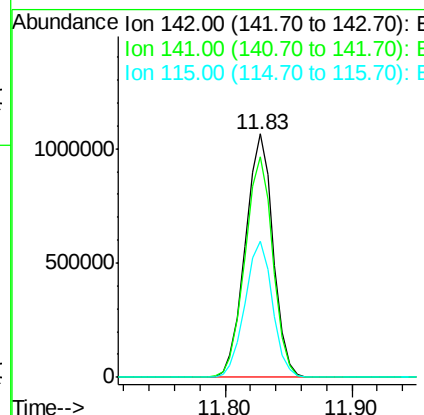
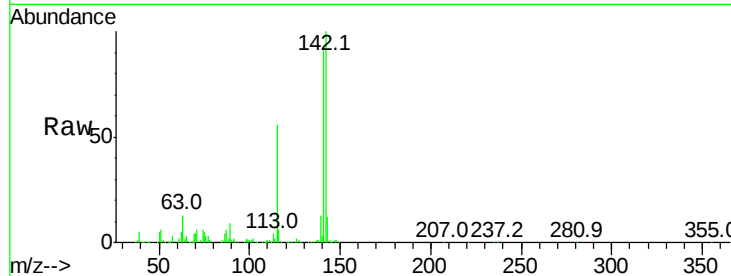
#37
2-Methylnaphthalene
Concen: 41.894 ng
RT: 11.83 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampled :
PB100891BS

Tot Ion:142 Resp: 1613948
Ion Ratio Lower Upper
142 100
141 90.6 71.9 107.9
115 55.9 25.4 38.0#

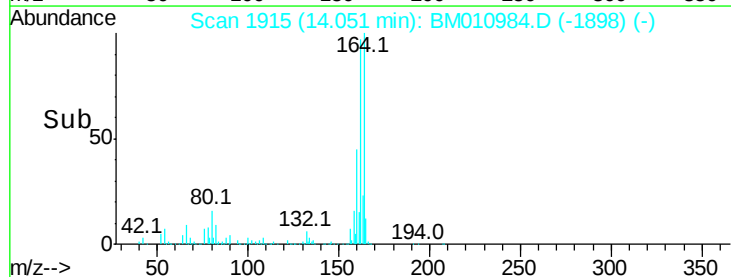
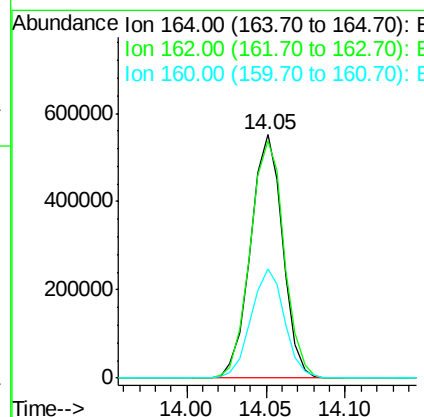
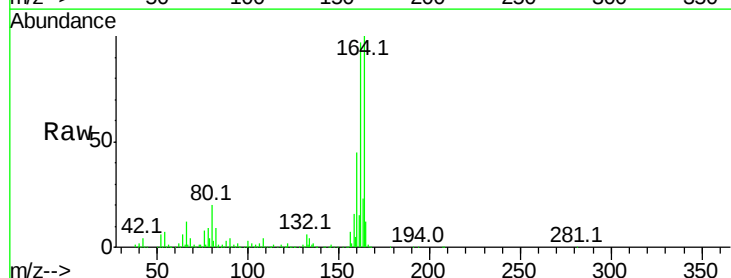
Manual Integrations
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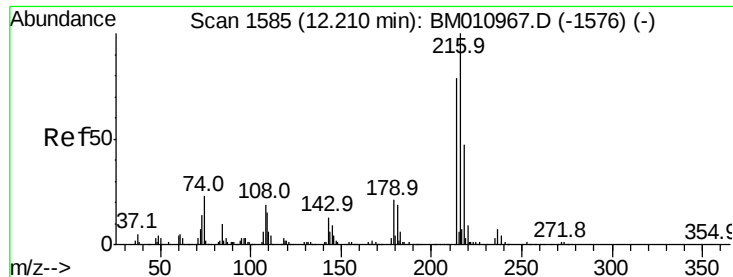
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion:164 Resp: 776808
Ion Ratio Lower Upper
164 100
162 97.4 82.4 123.6
160 45.0 35.8 53.6





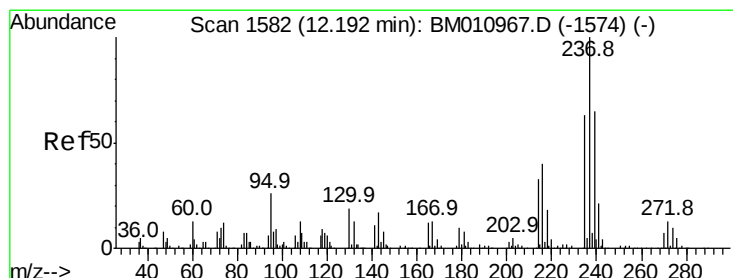
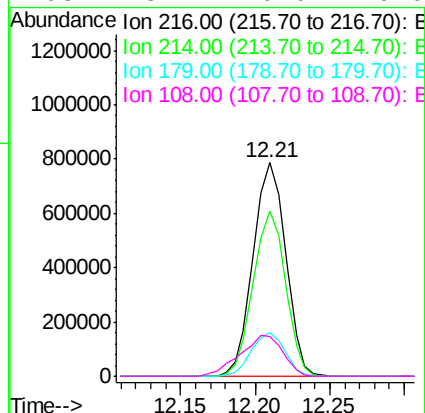
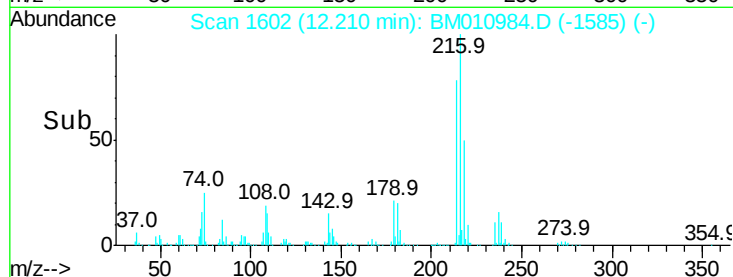
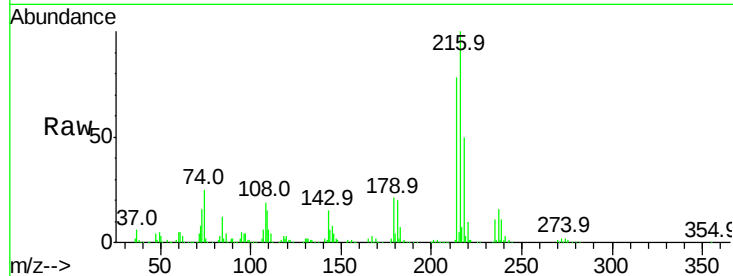
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.614 ng
 RT: 12.21 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	76.7	0.0	0.0#
179	20.9	0.0	0.0#
108	25.1	0.0	0.0#

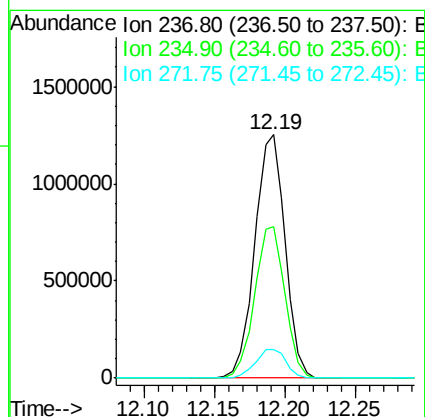
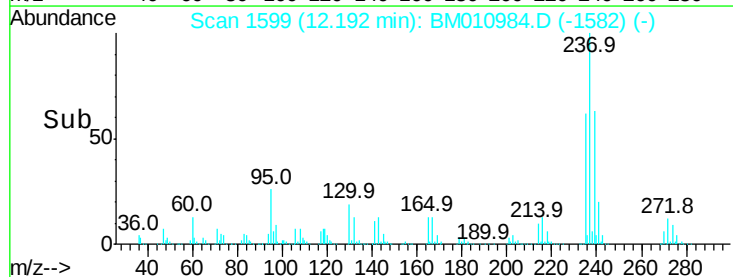
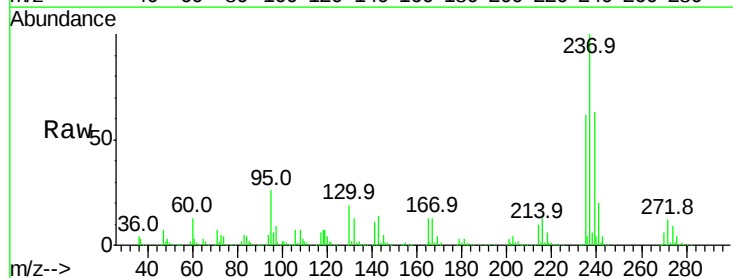
Manual Integrations
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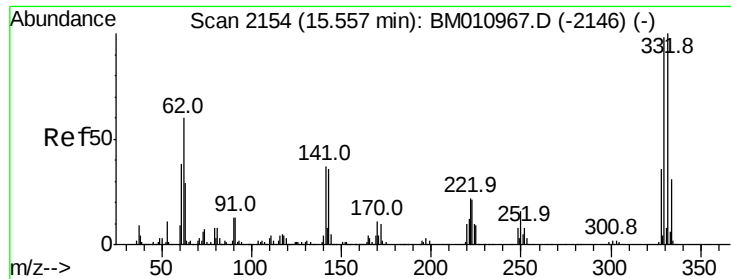
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#40
 Hexachlorocyclopentadiene
 Concen: 96.871 ng
 RT: 12.19 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.0	82.0
272	11.8	0.0	33.4





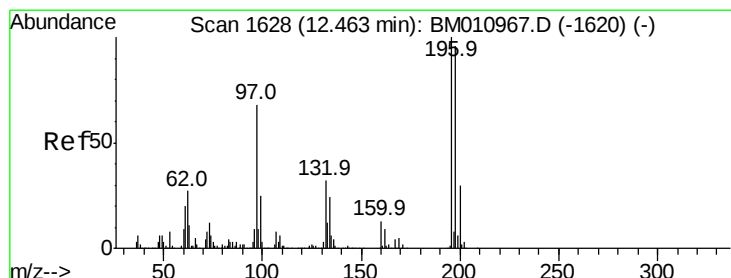
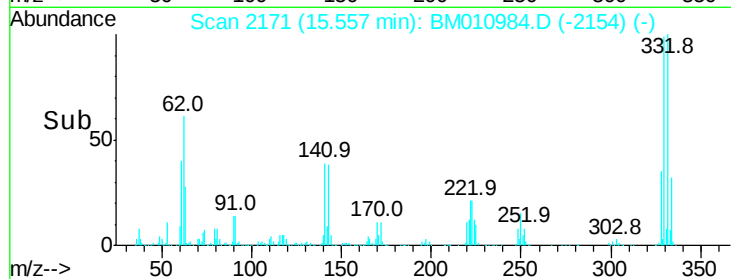
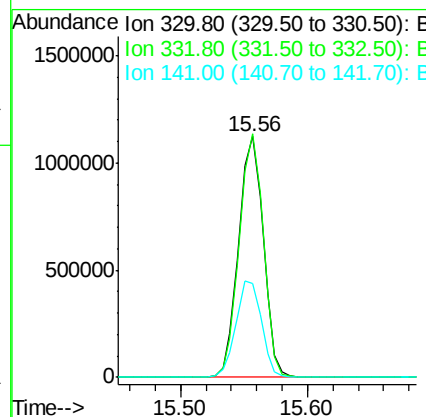
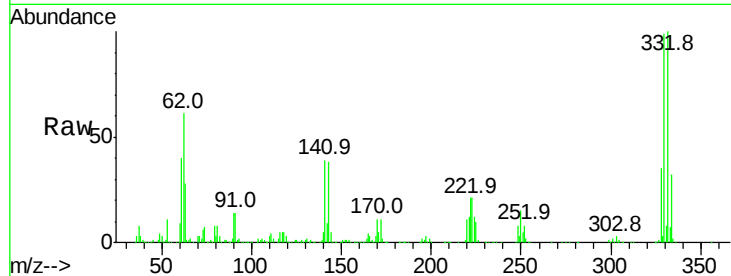
#41
 2,4,6-Tribromophenol
 Concen: 121.510 ng
 RT: 15.56 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Instrument :
 BNA_M
 ClientSampled :
 PB100891BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	0.0	0.0#
141	41.2	0.0	0.0#

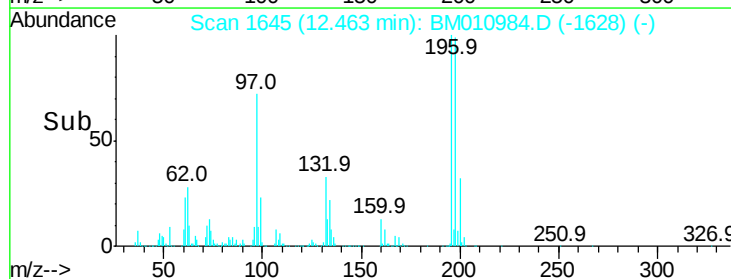
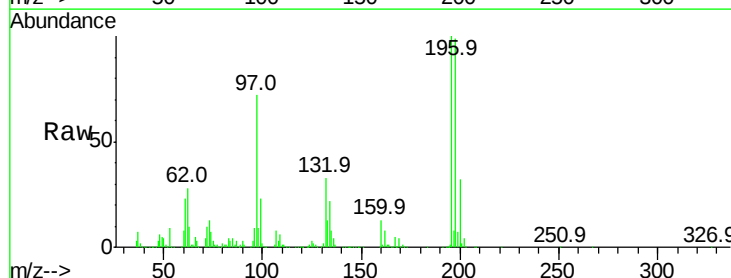
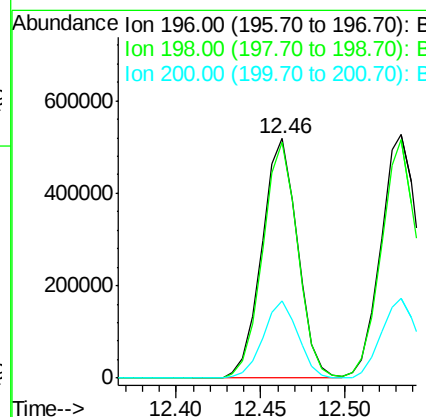
Manual Integrations
 APPROVED

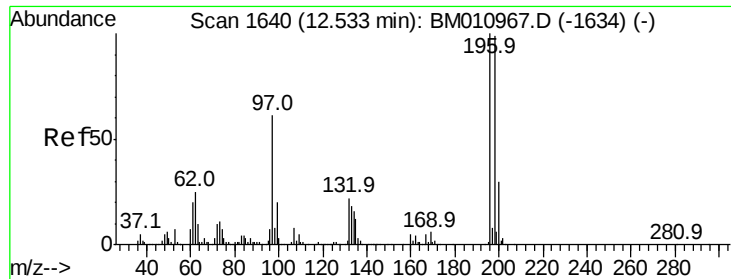
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 37.703 ng
 RT: 12.46 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	76.3	114.5
200	32.0	25.6	38.4





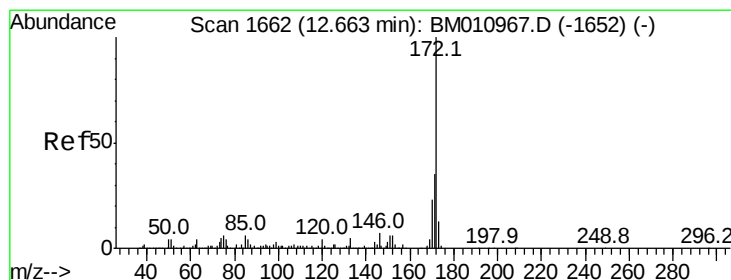
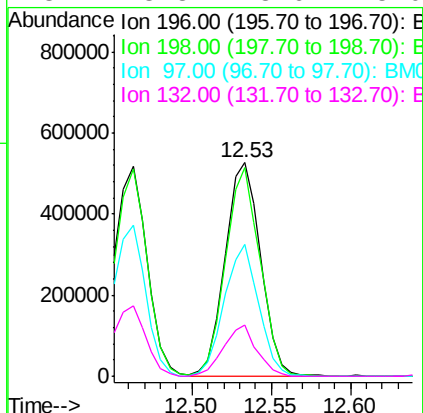
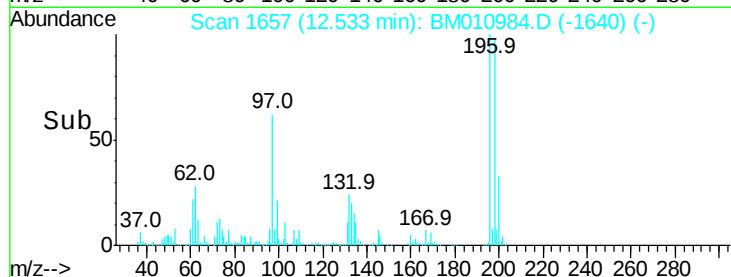
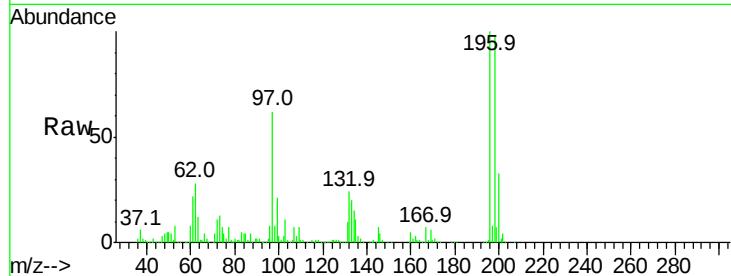
#43
 2,4,5-Trichlorophenol
 Concen: 39.023 ng
 RT: 12.53 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	811878		
198	97.9	79.4	119.0	
97	61.9	26.8	40.2#	
132	23.8	18.6	28.0	

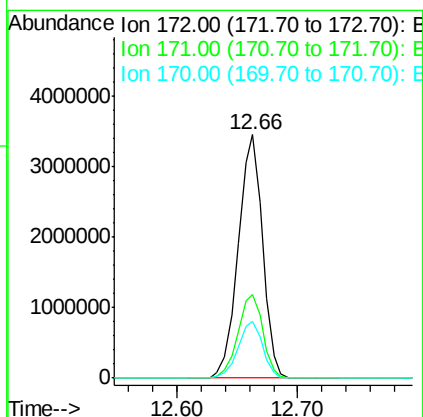
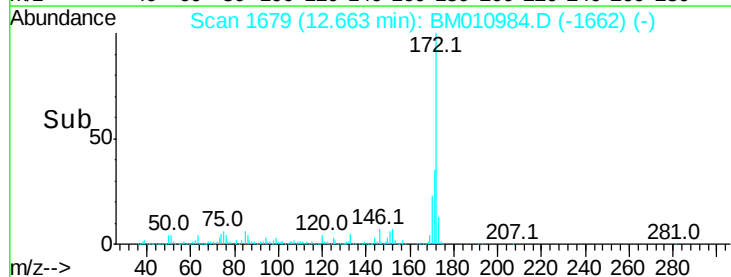
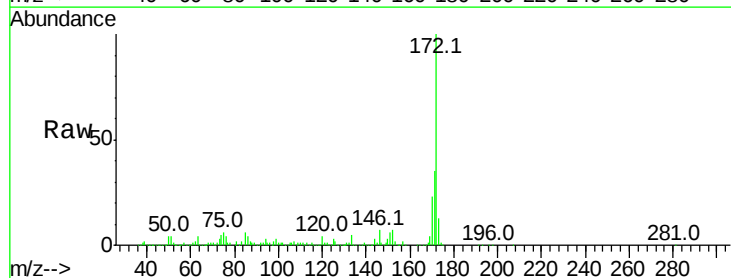
Manual Integrations
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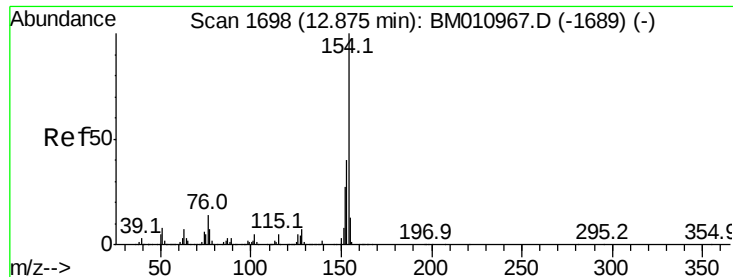
Sohil
 7/27/2017 6:21:37 PM



#44
 2-Fluorobiphenyl
 Concen: 78.199 ng
 RT: 12.66 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4843645		
171	34.6	28.5	42.7	
170	23.2	18.8	28.2	





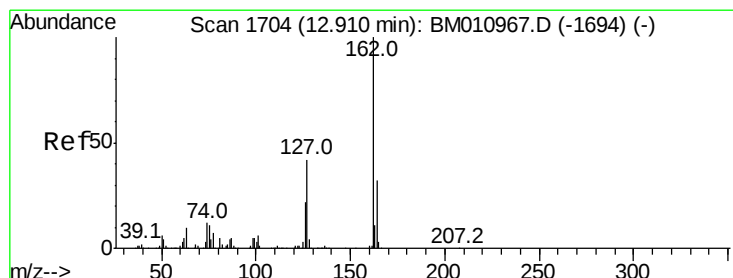
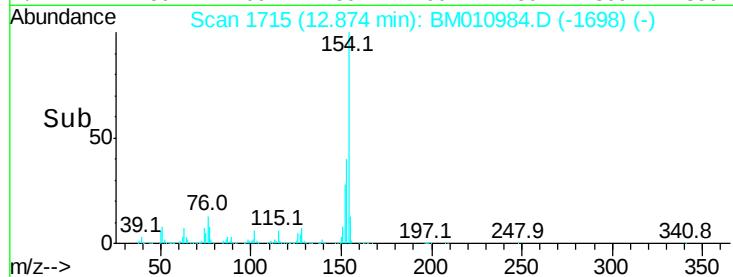
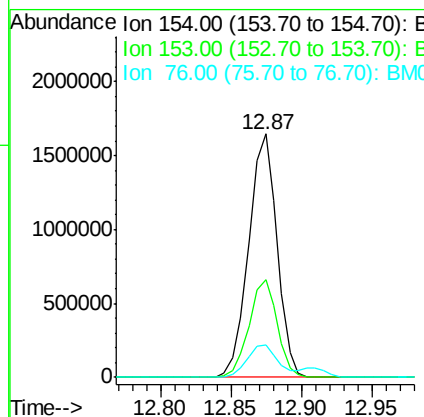
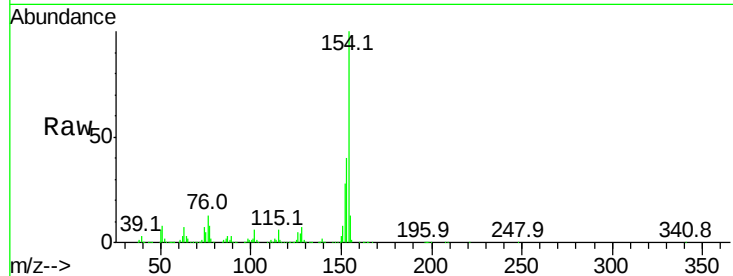
#45
 1,1'-Biphenyl
 Concen: 34.562 ng
 RT: 12.87 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	13.2	0.0	30.9

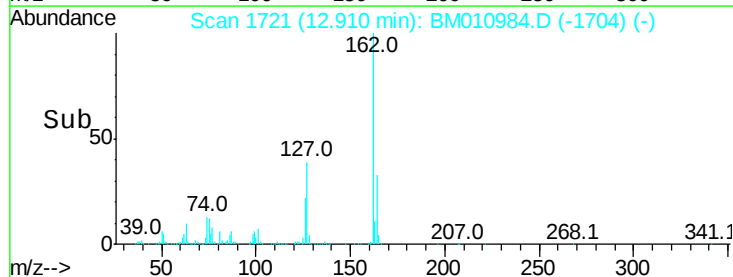
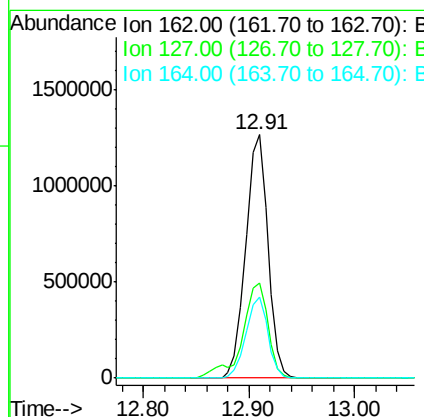
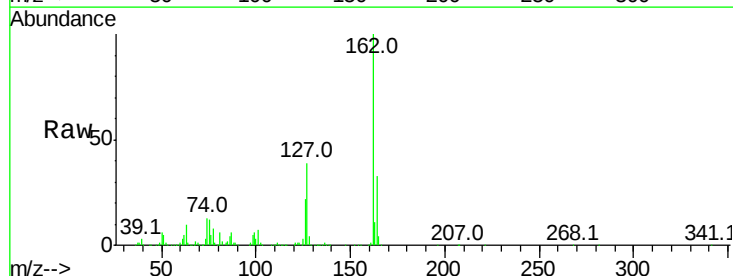
Manual Integrations
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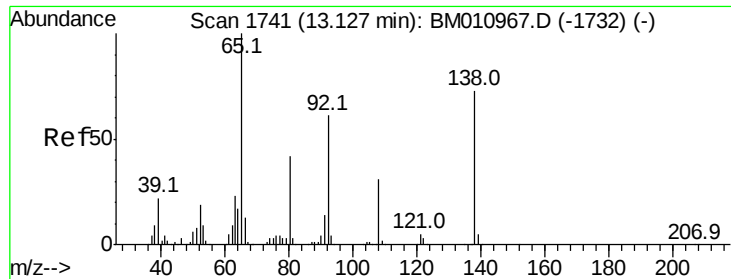
Sohil
 7/27/2017 6:21:37 PM



#46
 2-Chloronaphthalene
 Concen: 37.255 ng
 RT: 12.91 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	26.9	40.3
164	33.2	26.8	40.2





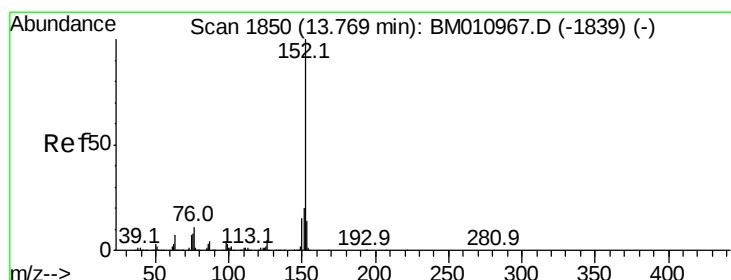
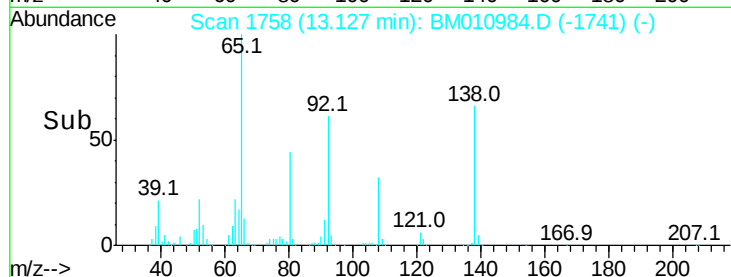
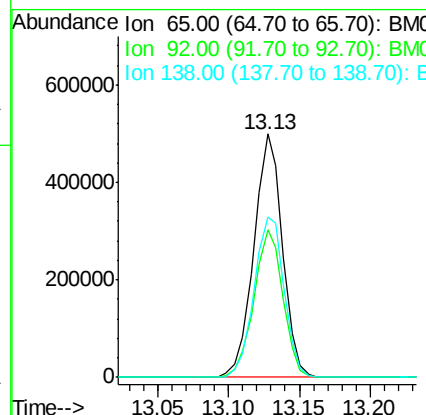
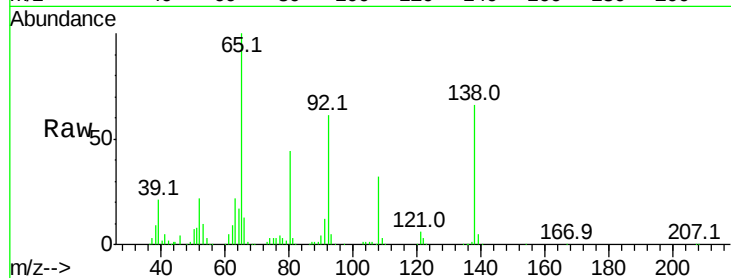
#47
2-Nitroaniline
Concen: 40.573 ng
RT: 13.13 min Scan# 1758
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.6	59.1	88.7
138	66.1	93.9	140.9

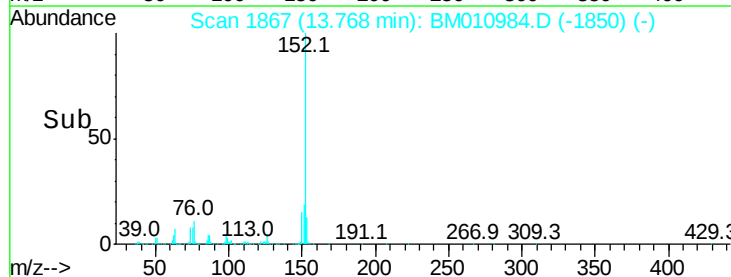
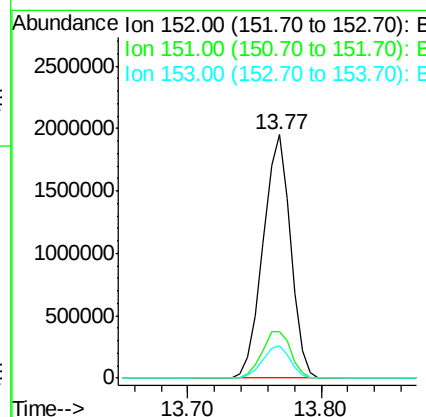
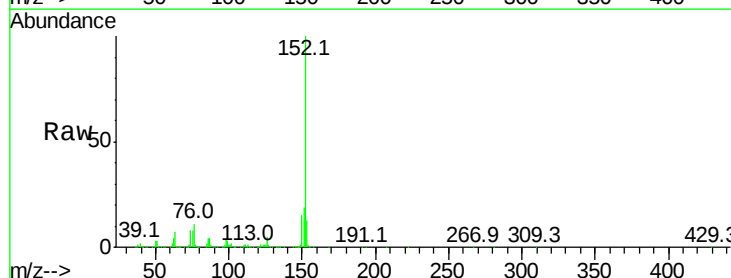
Manual Integrations
APPROVED

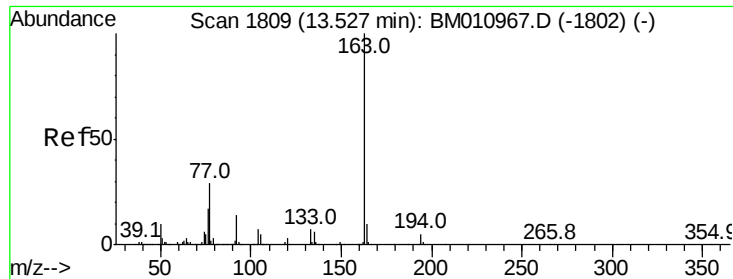
Sohil
7/27/2017 6:21:37 PM



#48
Acenaphthylene
Concen: 37.542 ng
RT: 13.77 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.9	23.9
153	13.4	10.6	16.0





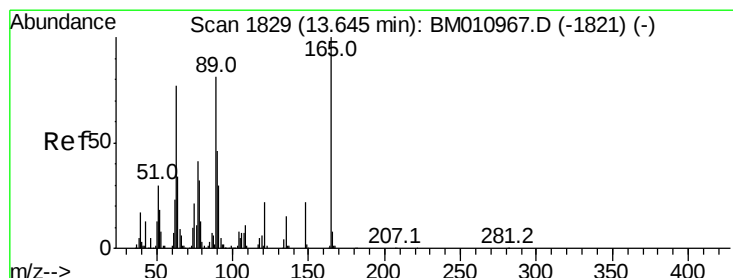
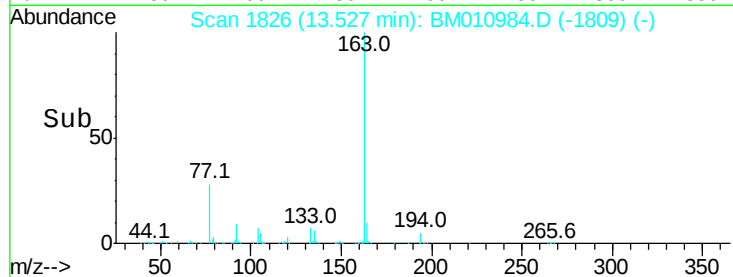
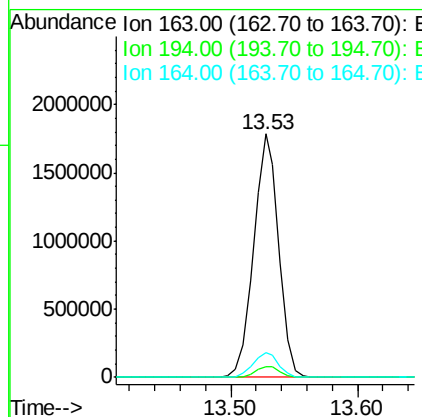
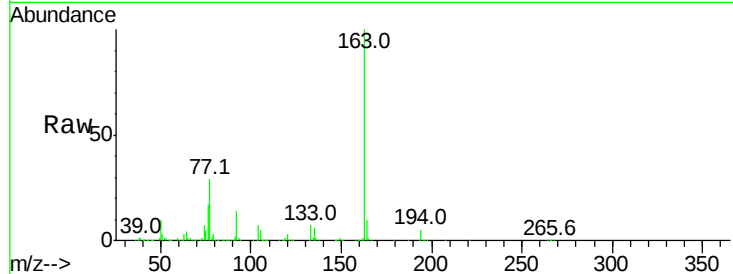
#49
Dimethylphthalate
Concen: 36.604 ng
RT: 13.53 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.7	4.1#
164	9.9	8.2	12.2

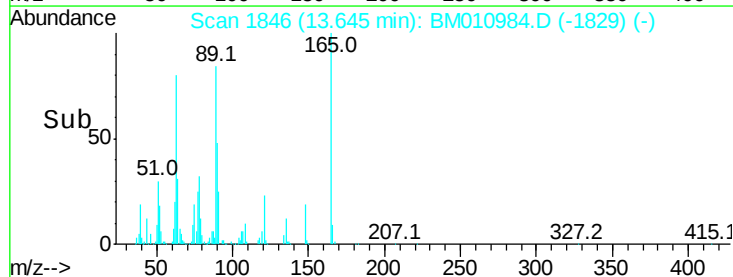
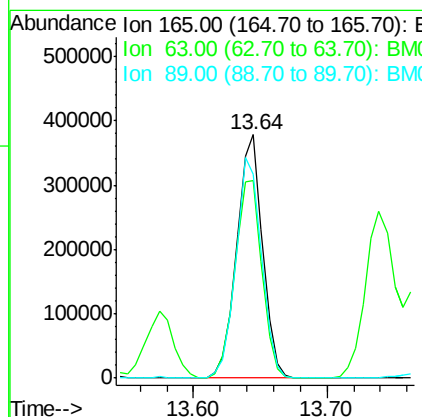
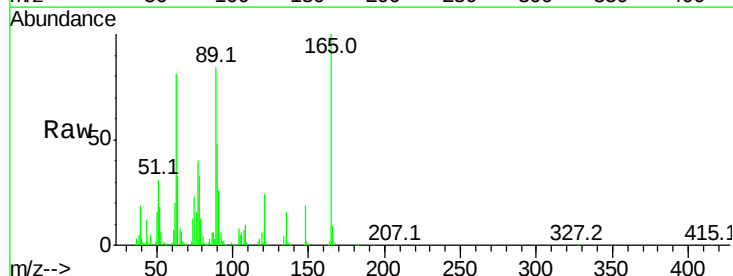
Manual Integrations
APPROVED

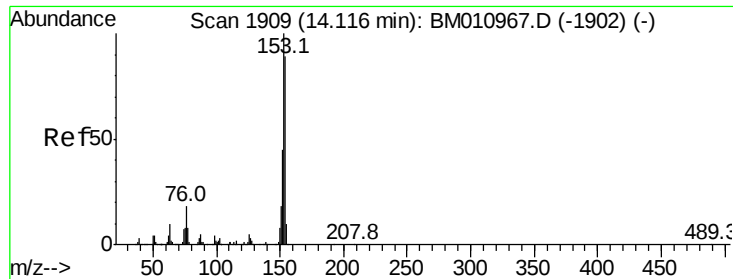
Sohil
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#50
2,6-Dinitrotoluene
Concen: 37.828 ng
RT: 13.64 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	81.1	44.1	66.1#
89	83.6	44.3	66.5#





#51

Acenaphthene

Concen: 37.649 ng

RT: 14.12 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

ClientSampleId :

PB100891BS

Tot Ion:154 Resp: 1721717

Ion Ratio Lower Upper

154 100

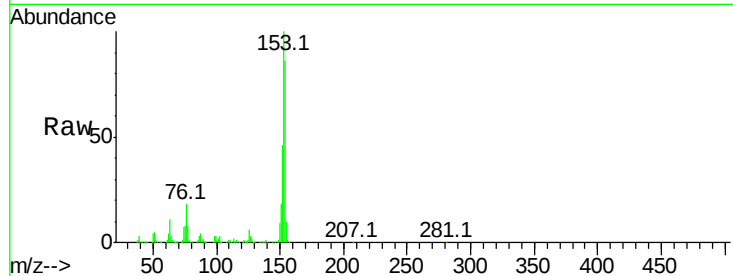
153 116.0 90.0 135.0

152 53.7 42.6 63.8

Manual Integrations
APPROVED

Sohil

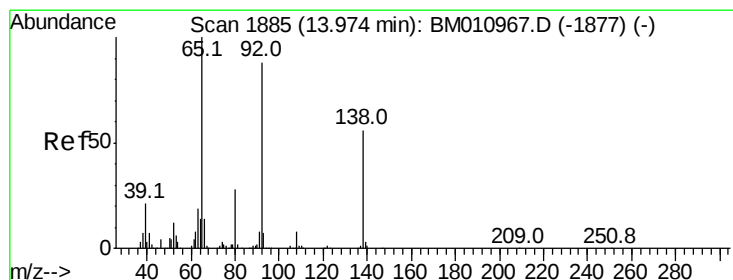
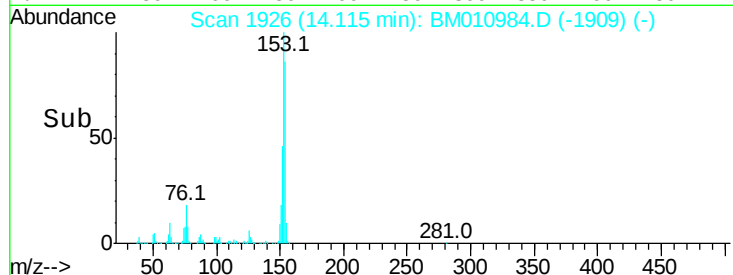
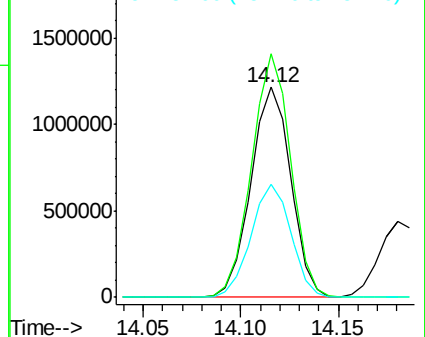
7/27/2017 6:21:37 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.934 ng

RT: 13.97 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

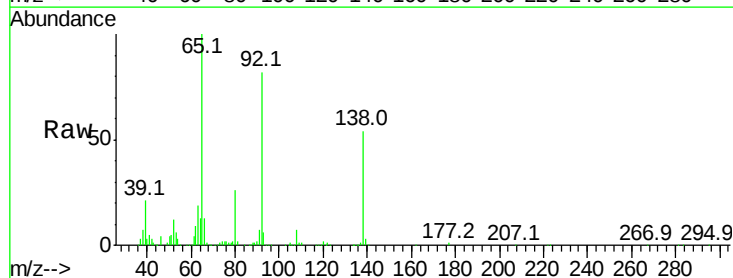
Tgt Ion:138 Resp: 372384

Ion Ratio Lower Upper

138 100

108 12.6 7.3 10.9#

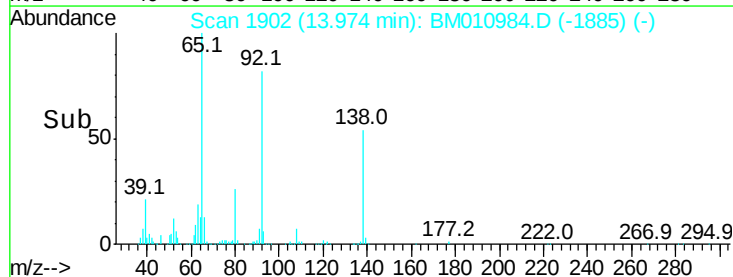
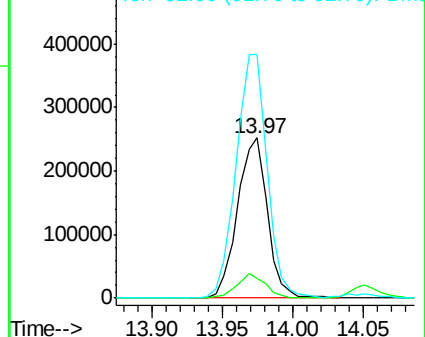
92 151.9 76.6 114.8#

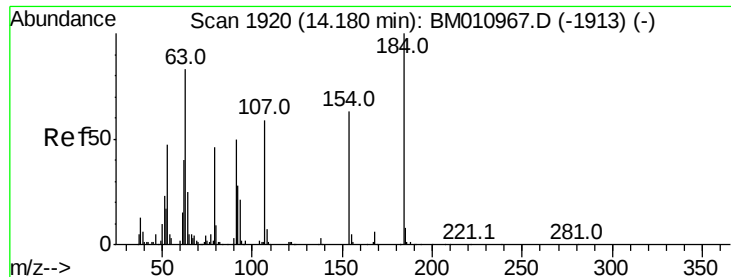


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





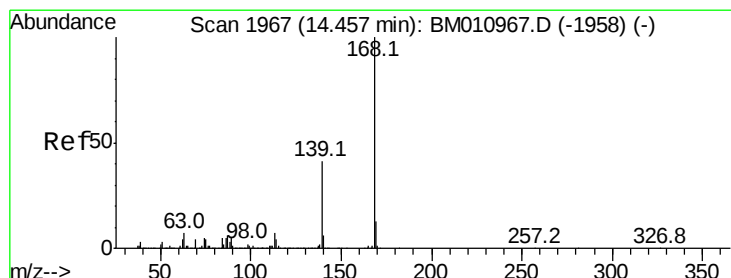
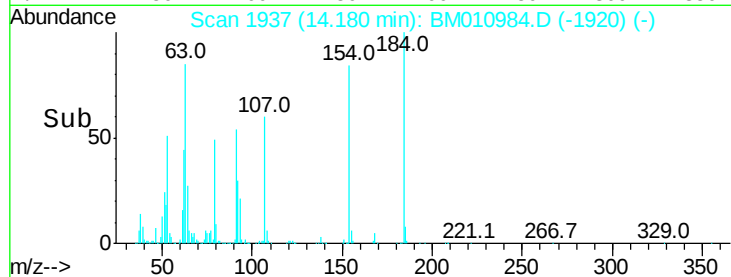
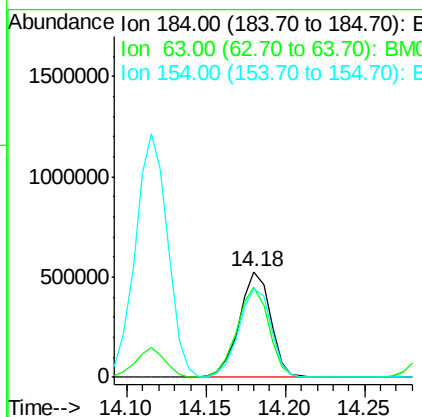
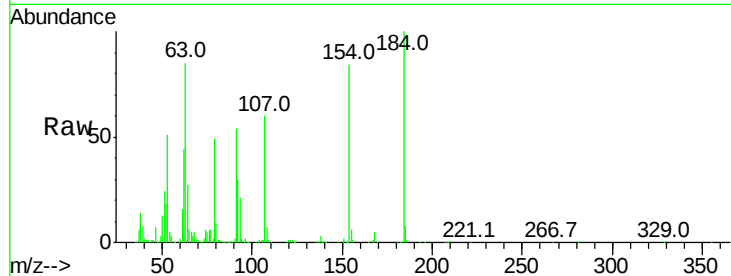
#53
2,4-Dinitrophenol
Concen: 75.792 ng
RT: 14.18 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	85.5	69.2	103.8
154	83.8	53.3	79.9

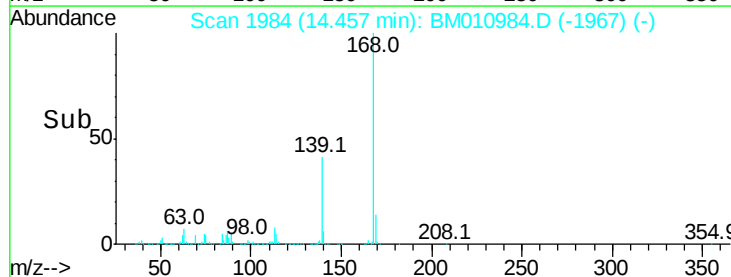
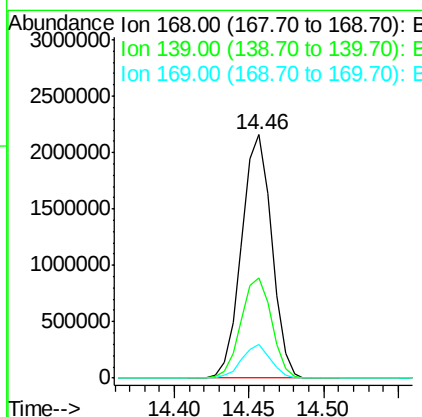
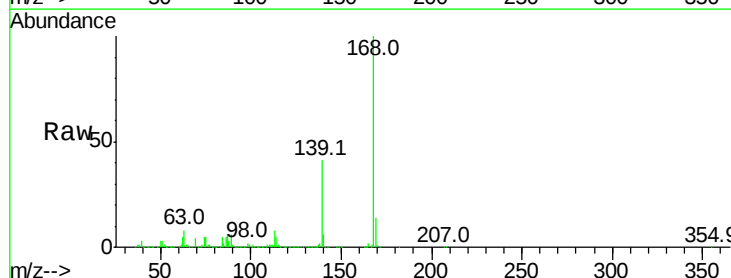
Manual Integrations
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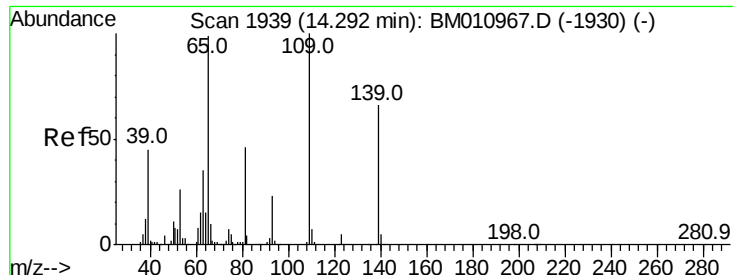
Sohil
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#54
Dibenzofuran
Concen: 40.818 ng
RT: 14.46 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.2	27.3	40.9
169	14.0	10.6	16.0





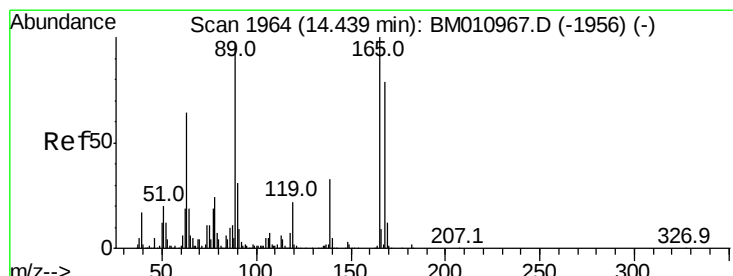
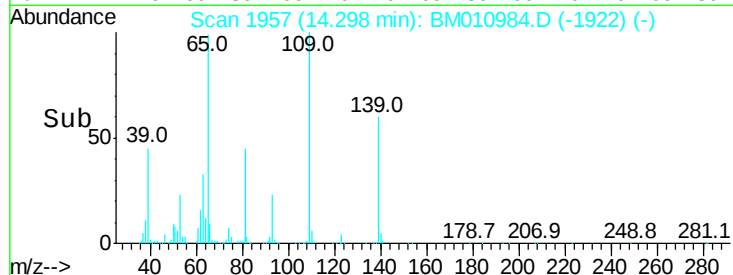
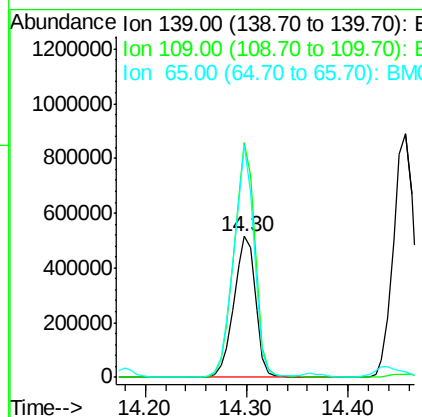
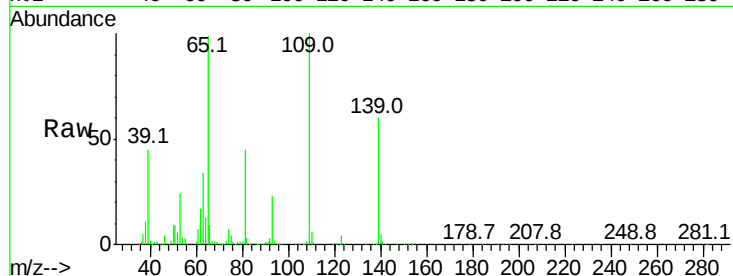
#55
4-Nitrophenol
Concen: 74.621 ng
RT: 14.30 min Scan# 1957
Delta R.T. 0.01 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	166.2	130.0	170.0
65	165.0	130.0	170.0

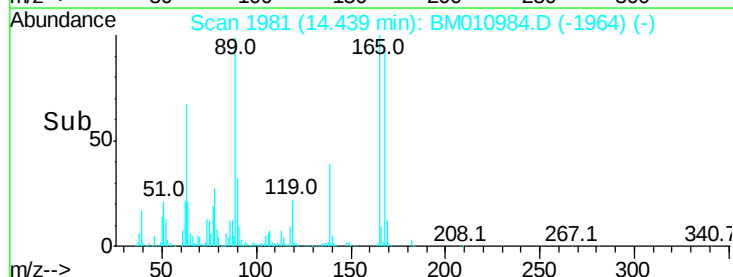
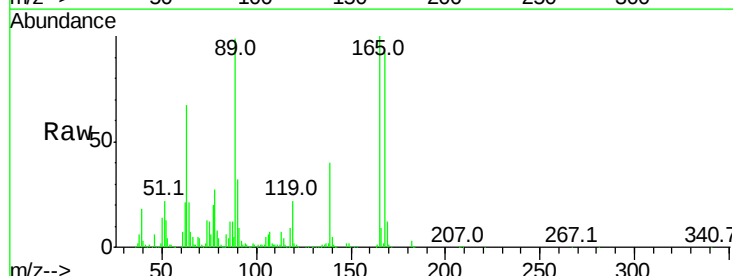
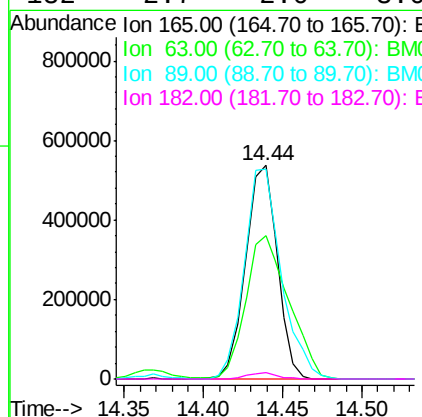
Manual Integrations
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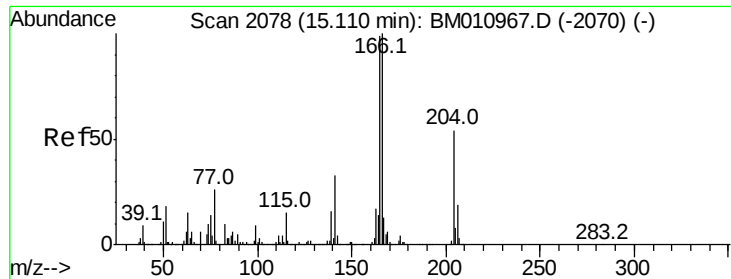
Sohil
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#56
2,4-Dinitrotoluene
Concen: 39.557 ng
RT: 14.44 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.3	52.4	78.6
89	98.6	72.4	108.6
182	2.7	2.0	3.0





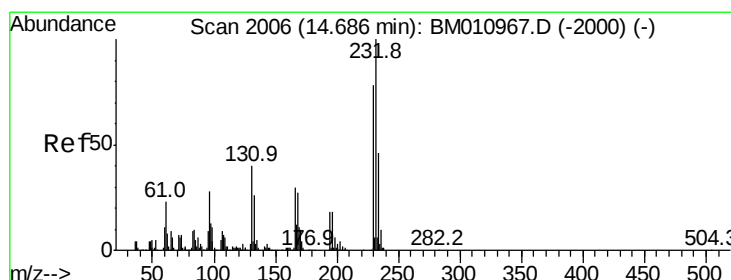
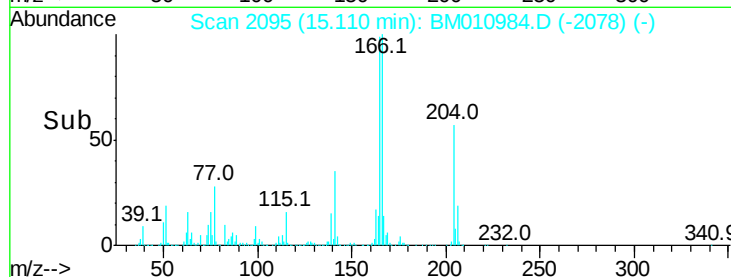
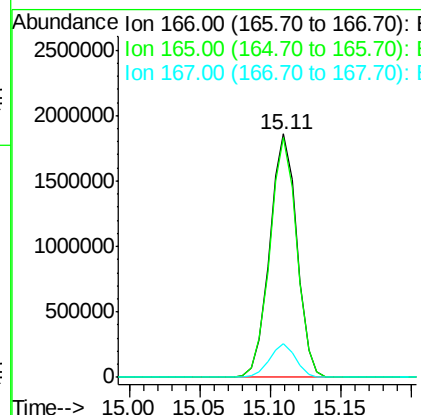
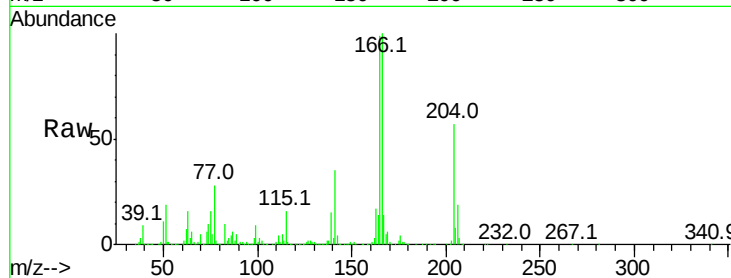
#57
 Fluorene
 Concen: 38.923 ng
 RT: 15.11 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.0	118.4
167	14.0	10.3	15.5

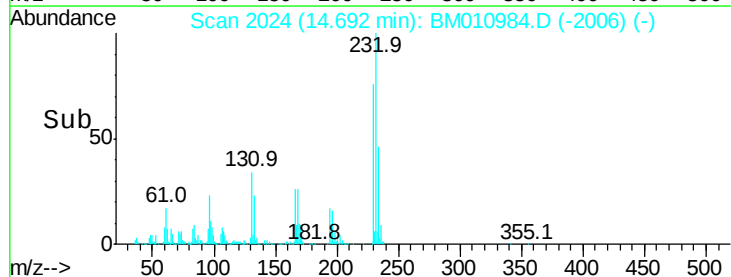
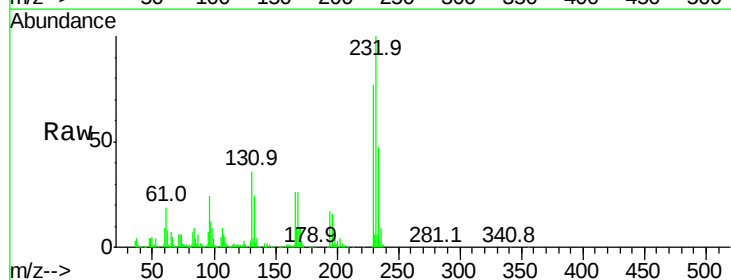
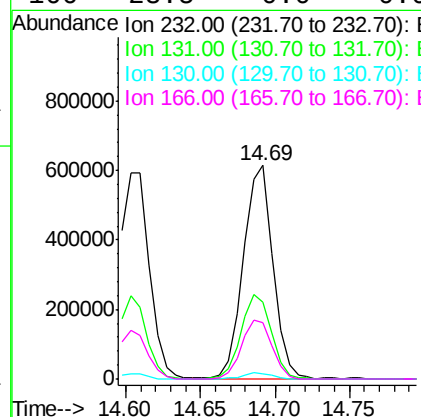
Manual Integrations
 APPROVED

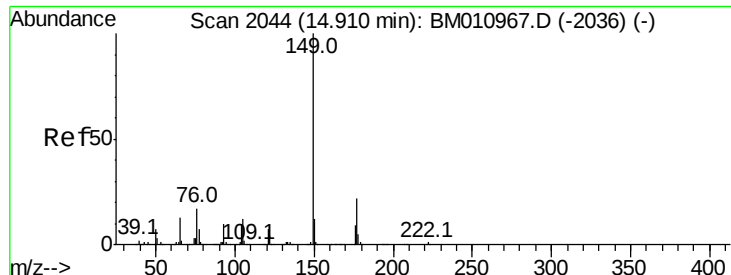
Sohil
 7/27/2017 6:21:37 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.186 ng
 RT: 14.69 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.4	0.0	0.0#
130	3.0	0.0	0.0#
166	28.5	0.0	0.0#





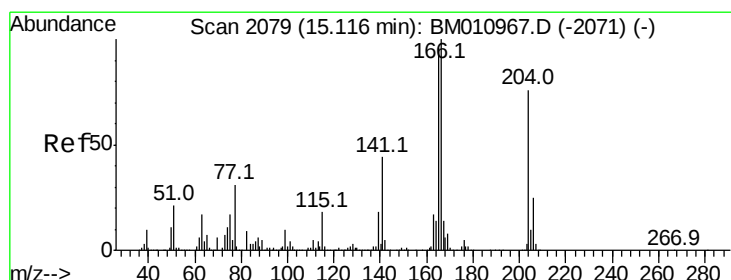
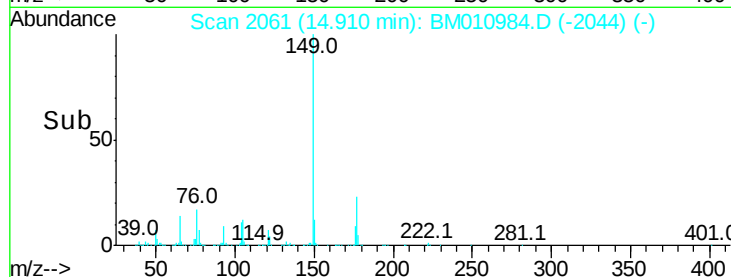
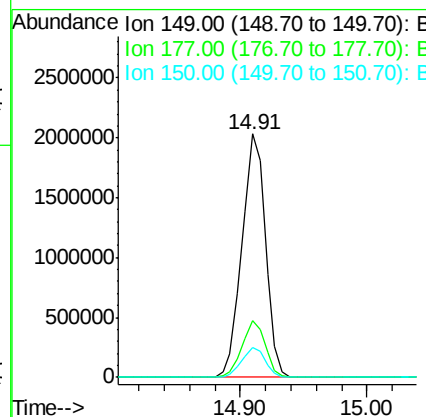
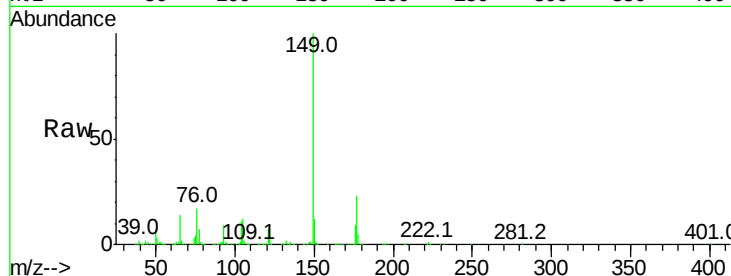
#59
Diethylphthalate
Concen: 38.193 ng
RT: 14.91 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampled :
PB100891BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.2	9.8	14.8

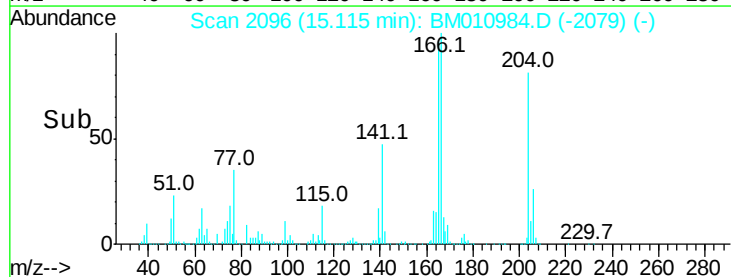
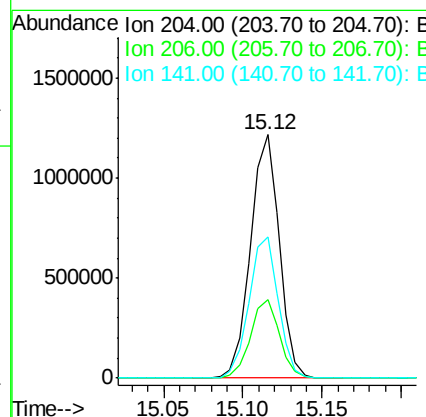
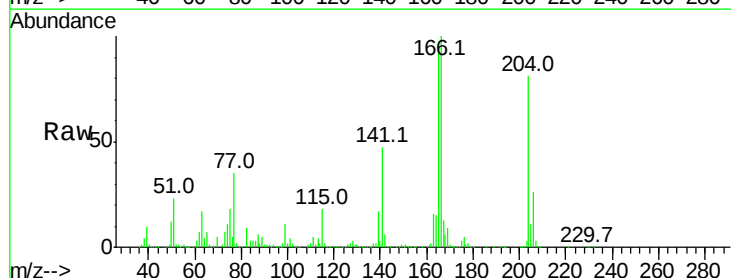
Manual Integrations
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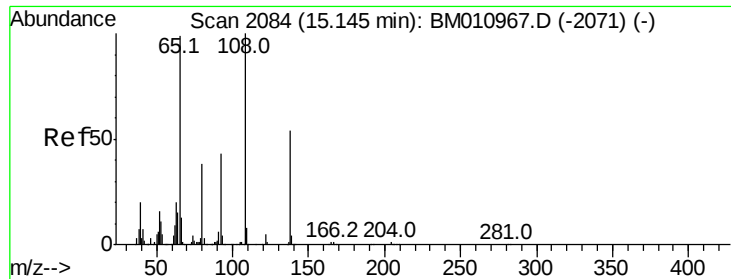
Sohil
7/27/2017 6:21:37 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.274 ng
RT: 15.12 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	58.1	45.2	67.8





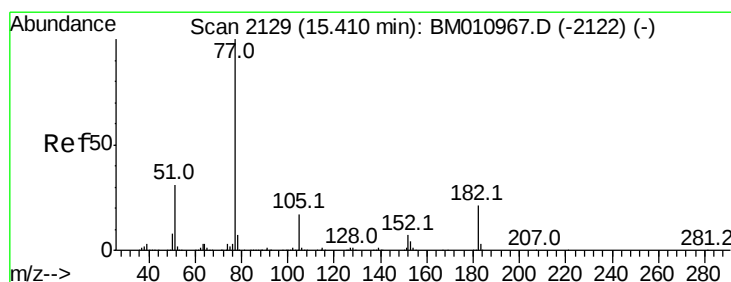
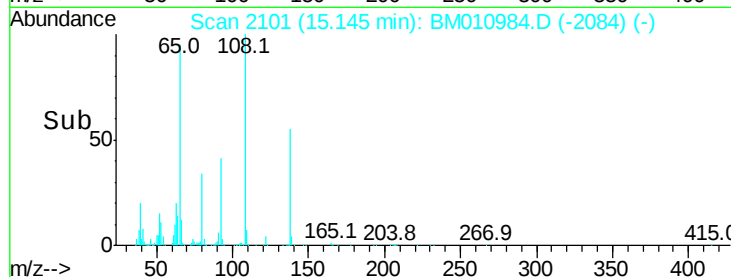
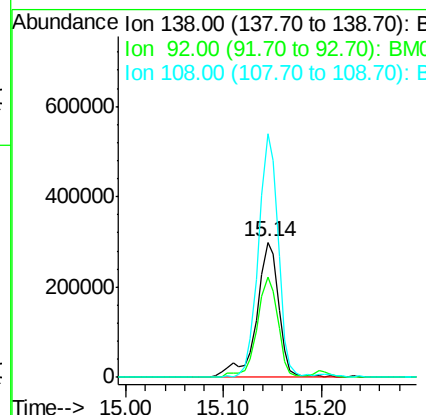
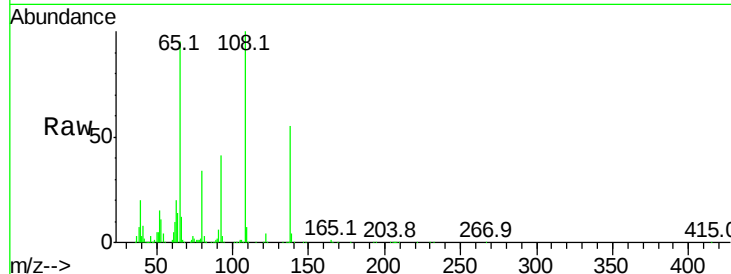
#61
4-Nitroaniline
Concen: 38.498 ng
RT: 15.14 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	73.8	16.7	56.7#
108	180.3	37.6	77.6#

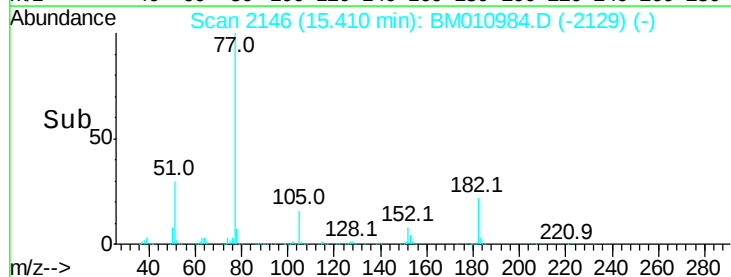
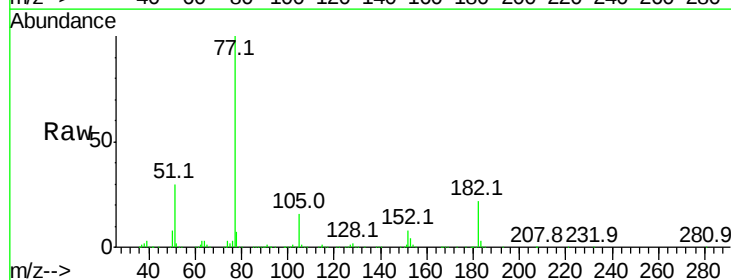
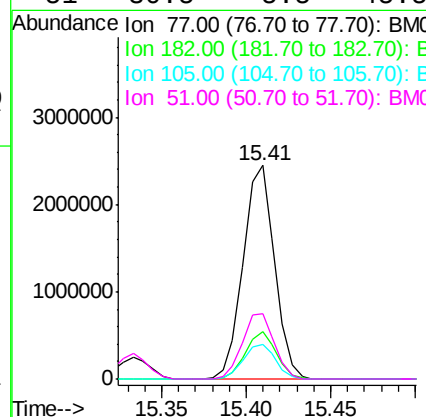
Manual Integrations
APPROVED

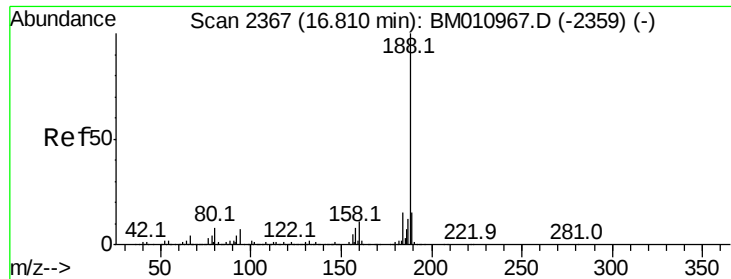
Sohil
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#62
Azobenzene
Concen: 43.653 ng
RT: 15.41 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.0	6.5	46.5
105	16.5	3.8	43.8
51	30.5	5.5	45.5





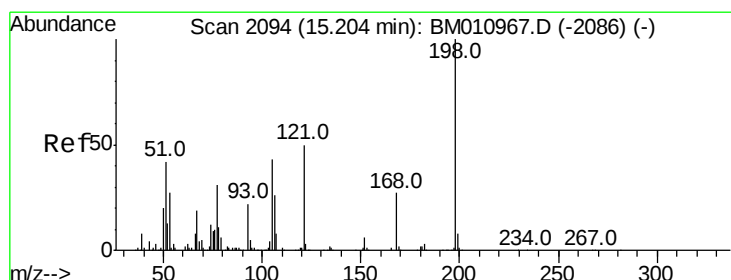
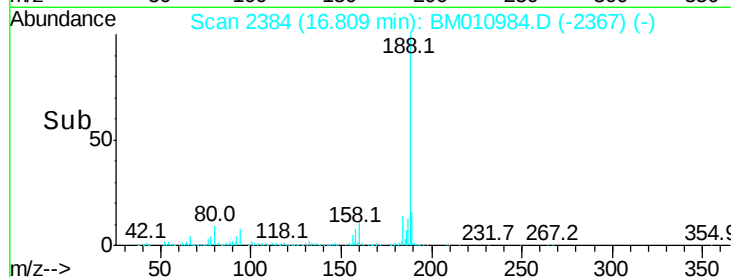
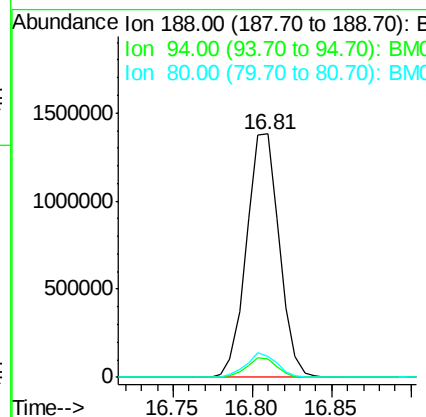
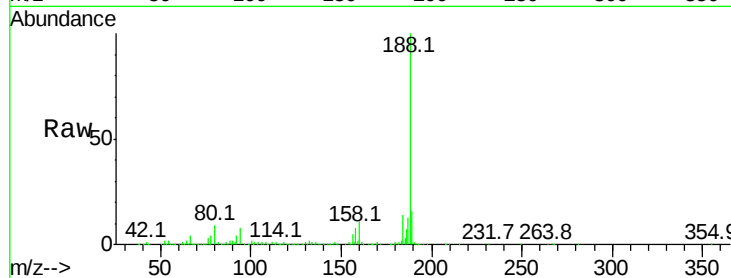
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.81 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.7	13.1#
80	8.8	9.3	13.9#

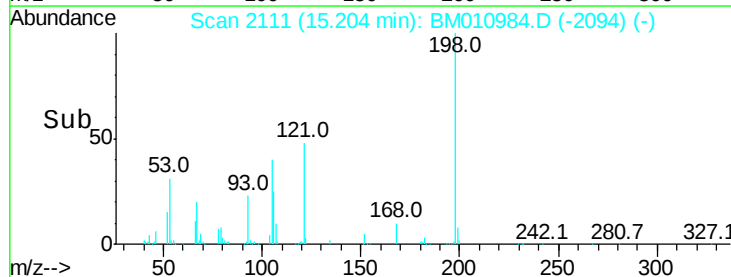
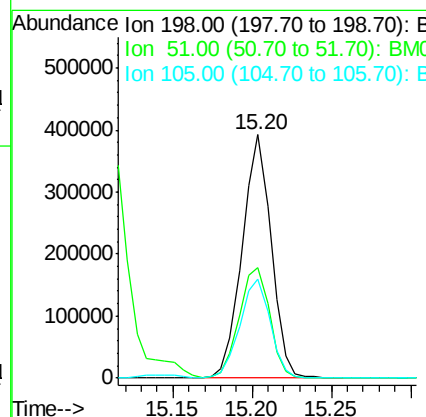
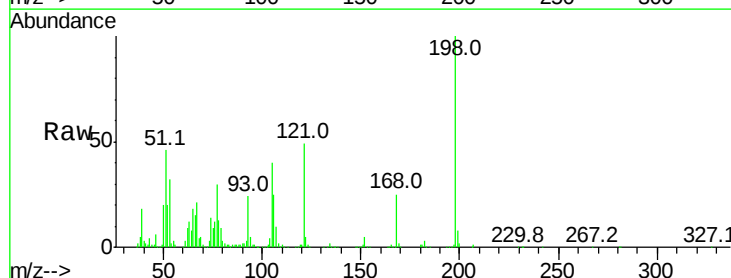
Manual Integrations
APPROVED

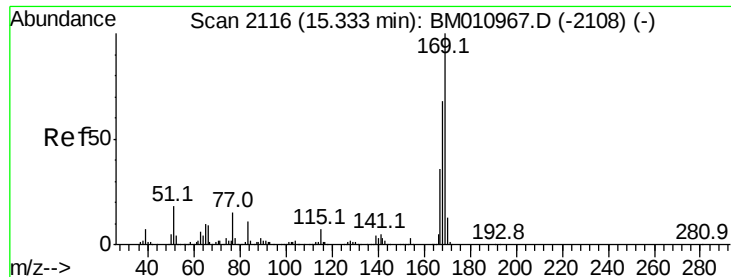
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.086 ng
RT: 15.20 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
198	100		
51	45.6	28.8	68.8
105	40.4	30.5	70.5





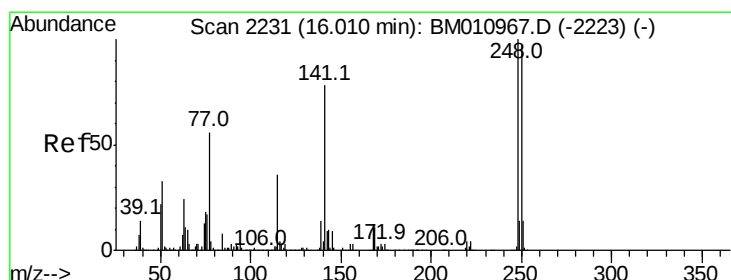
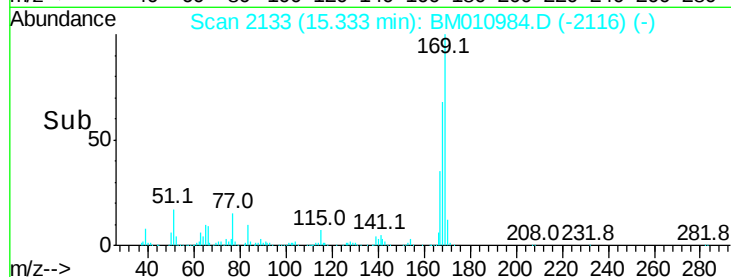
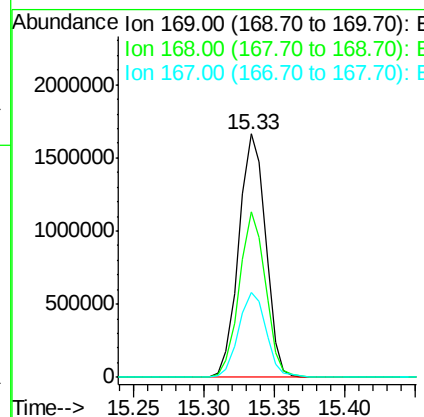
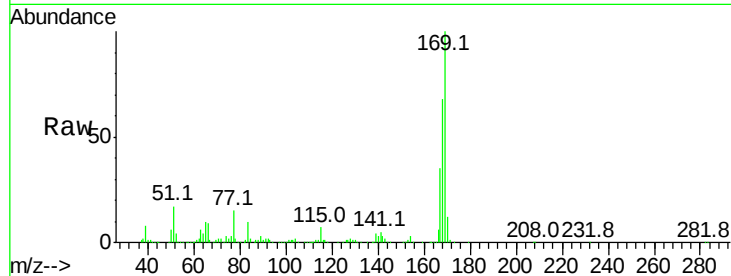
#65
n-Nitrosodiphenylamine
Concen: 38.991 ng
RT: 15.33 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.9	80.9
167	34.7	28.9	43.3

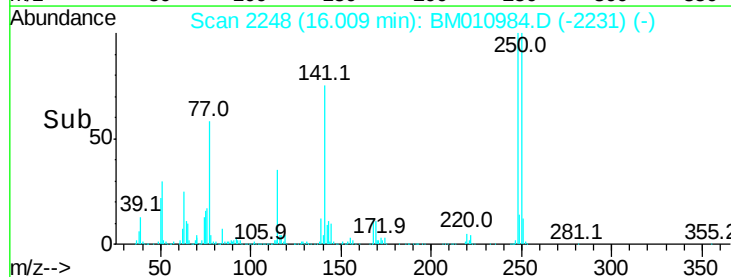
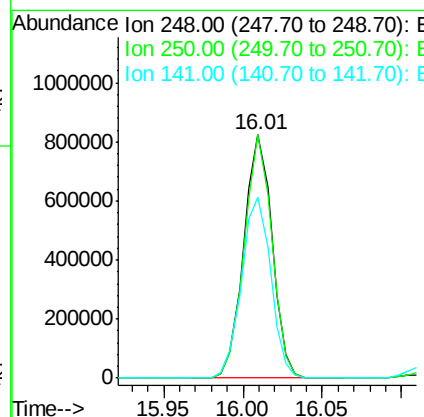
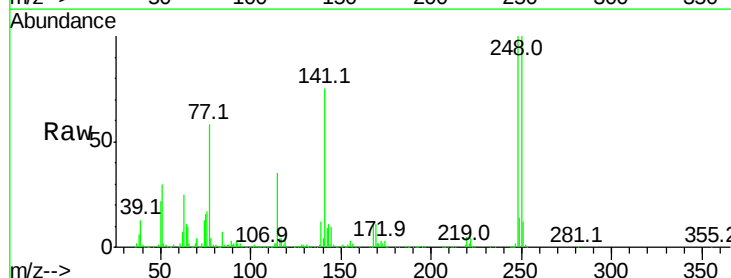
Manual Integrations
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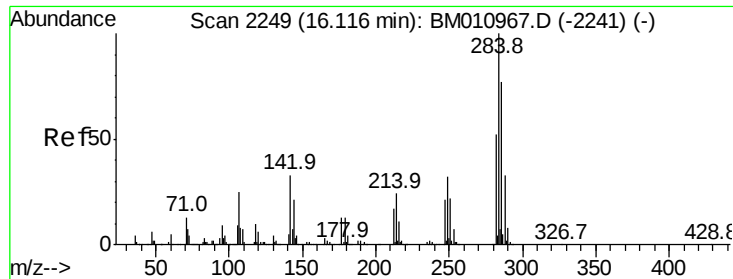
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 40.117 ng
RT: 16.01 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.1	77.4	116.0
141	74.6	45.2	67.8





#67

Hexachlorobenzene

Concen: 36.460 ng

RT: 16.12 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

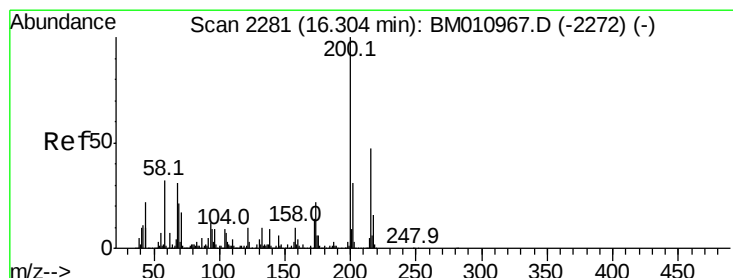
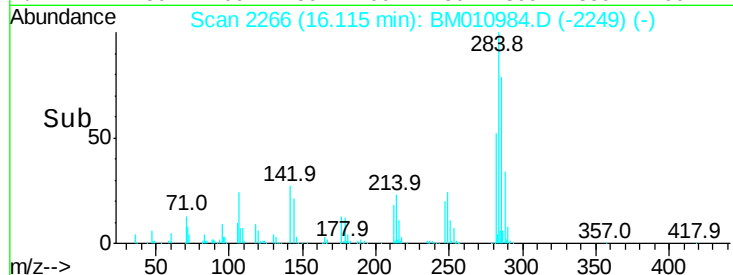
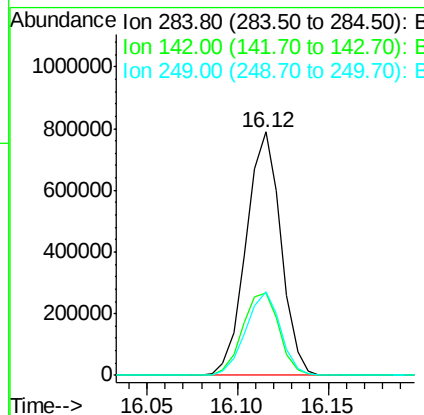
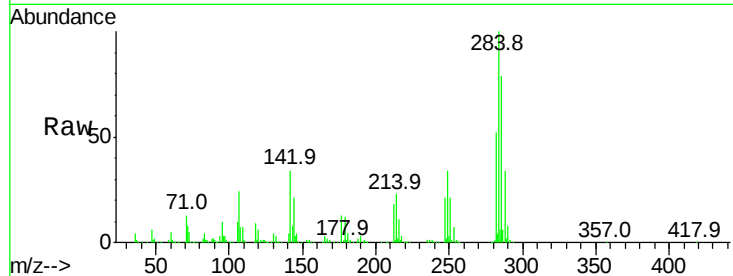
ClientSampleId :

PB100891BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.8	20.4	30.6#
249	34.4	23.8	35.6

Manual Integrations
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#68

Atrazine

Concen: 39.884 ng

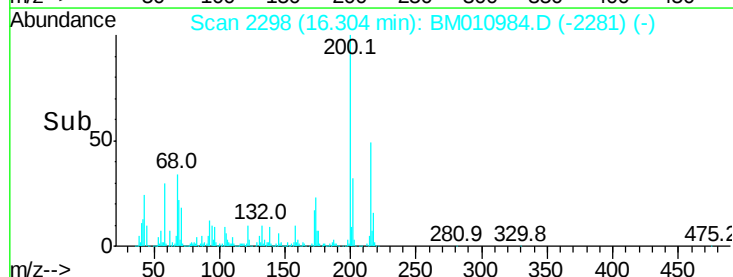
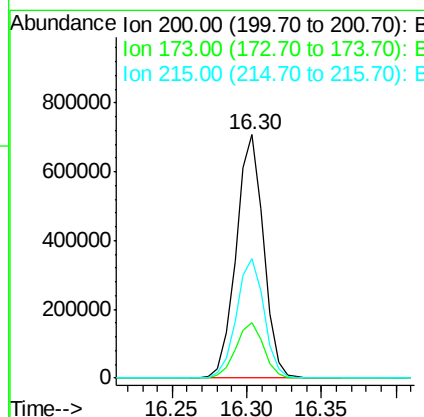
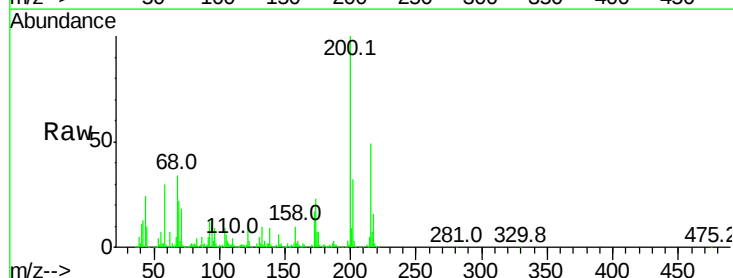
RT: 16.30 min Scan# 2298

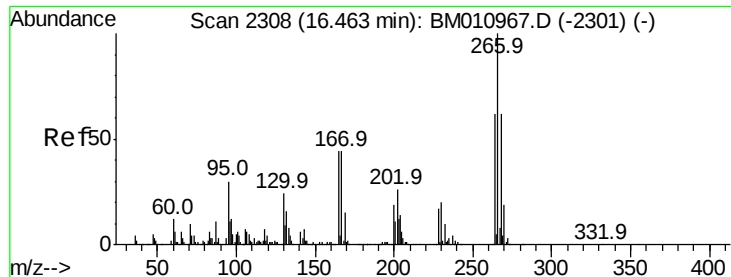
Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.5	4.8	44.8
215	49.1	26.9	66.9





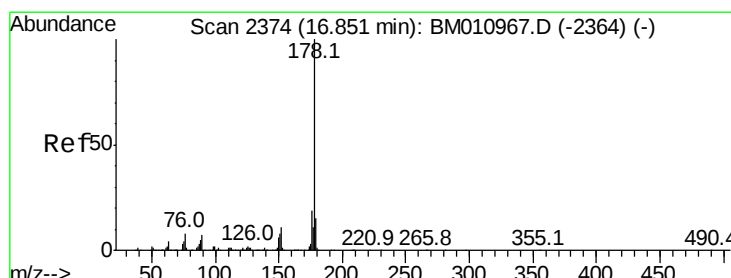
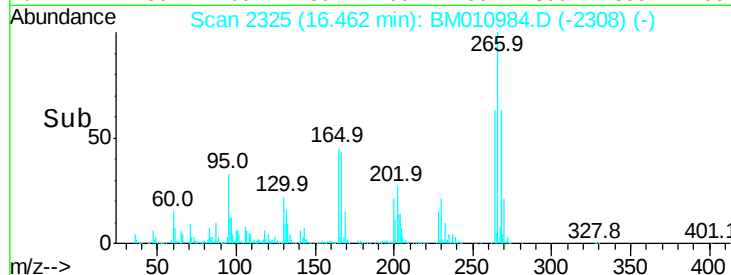
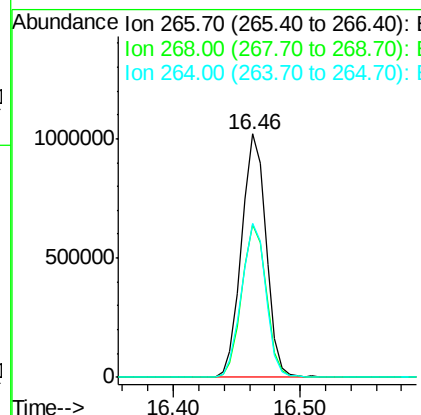
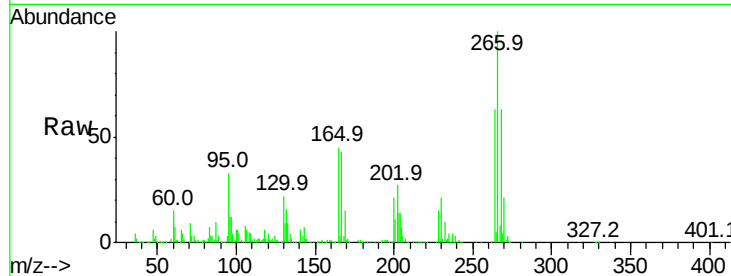
#69
 Pentachlorophenol
 Concen: 74.610 ng
 RT: 16.46 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	52.0	78.0
264	63.4	49.0	73.4

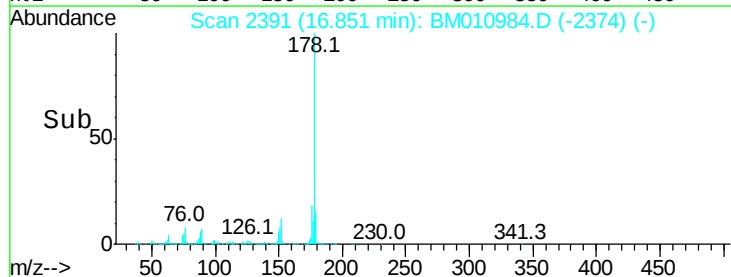
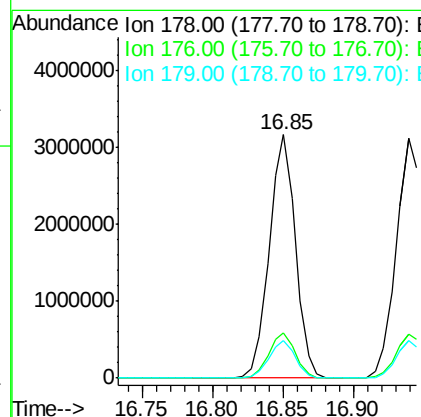
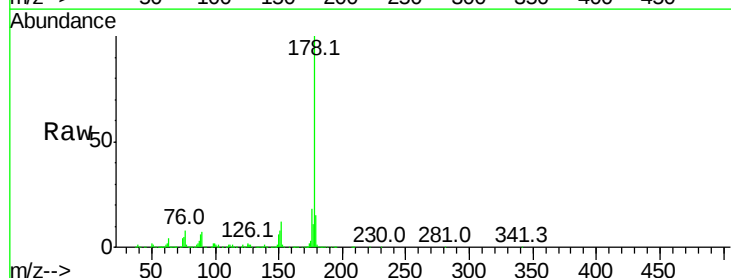
Manual Integrations
 APPROVED

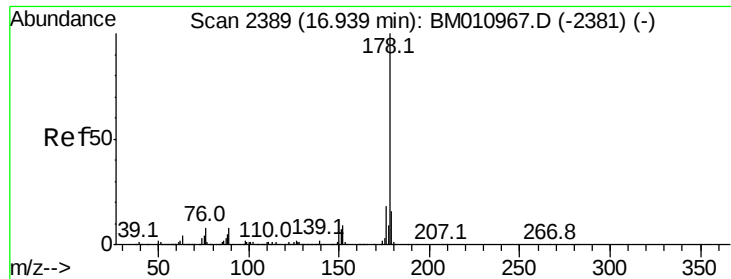
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#70
 Phenanthrene
 Concen: 39.762 ng
 RT: 16.85 min Scan# 2391
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.3	12.1	18.1





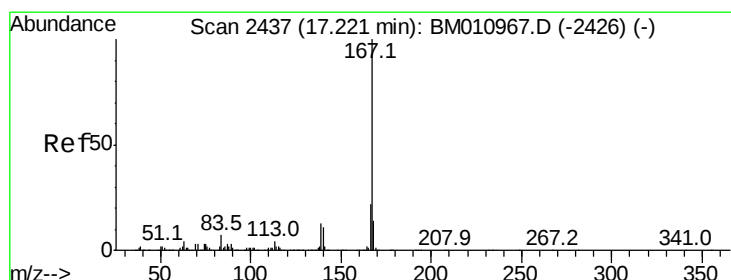
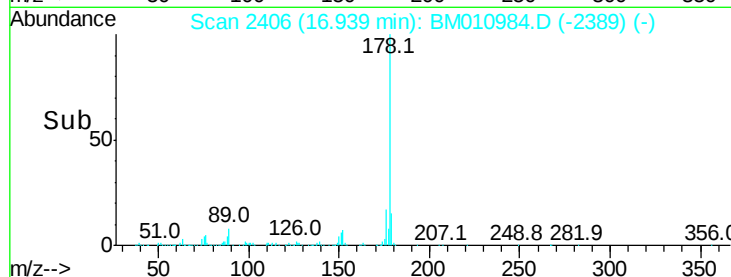
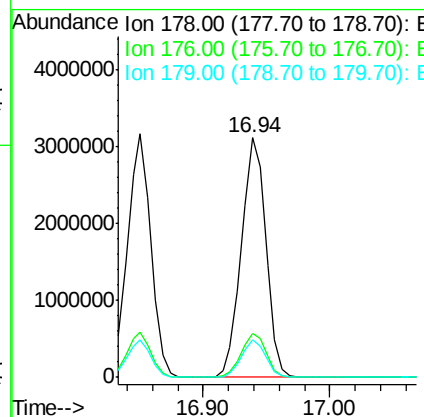
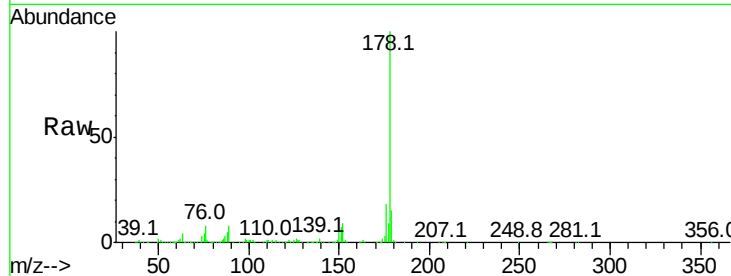
#71
 Anthracene
 Concen: 40.104 ng
 RT: 16.94 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BS

Tot Ion:178 Resp: 4149659
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 22.0
 179 15.4 12.6 19.0

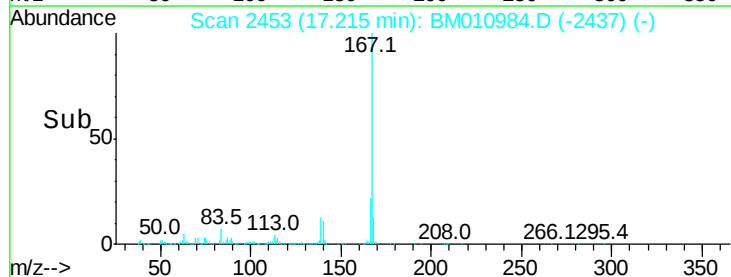
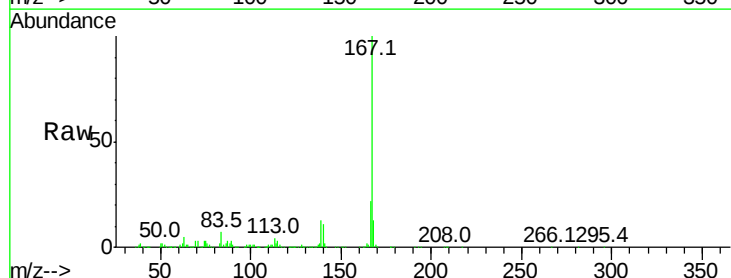
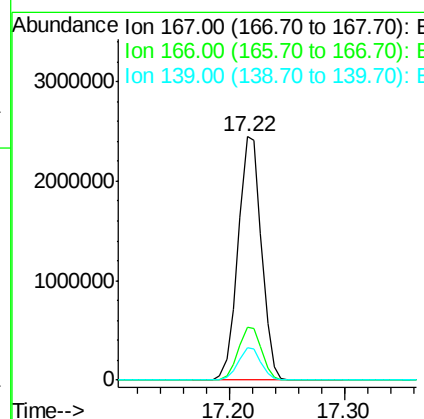
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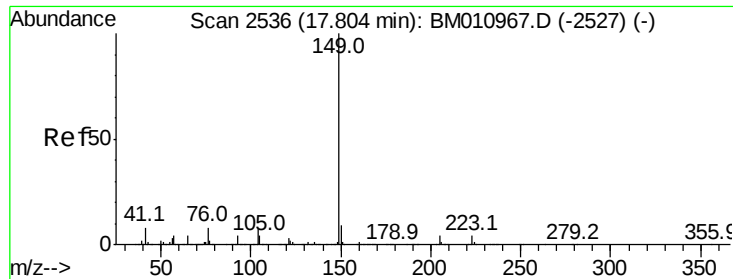
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#72
 Carbazole
 Concen: 37.797 ng
 RT: 17.22 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Tgt Ion:167 Resp: 3420260
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 13.1 10.8 16.2





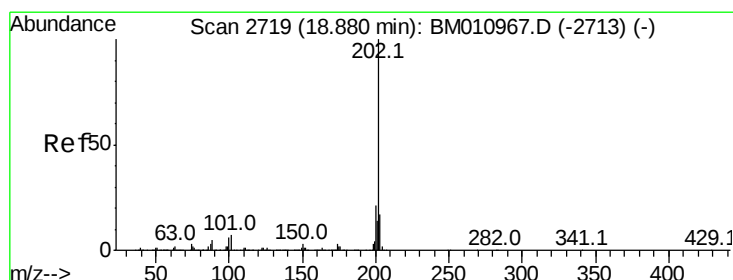
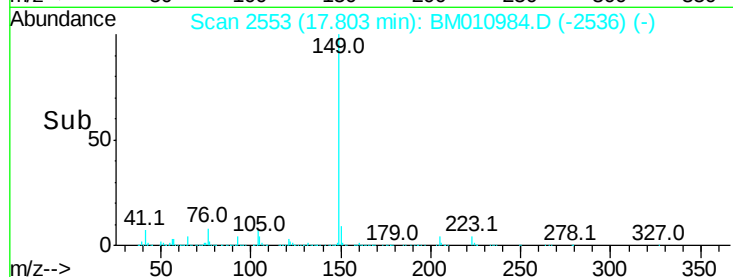
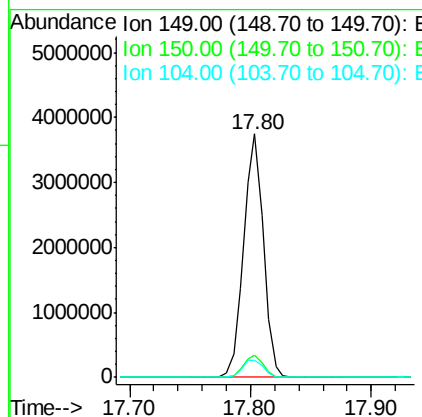
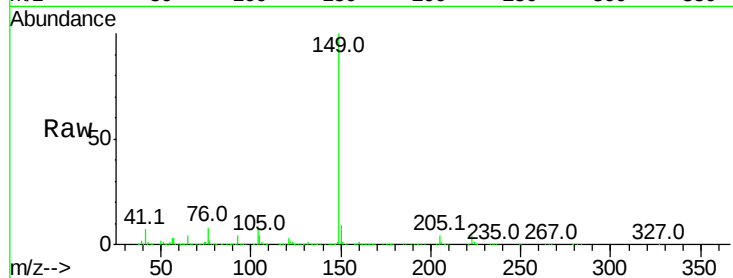
#73
Di-n-butylphthalate
Concen: 38.859 ng
RT: 17.80 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	7.2	3.7	5.5

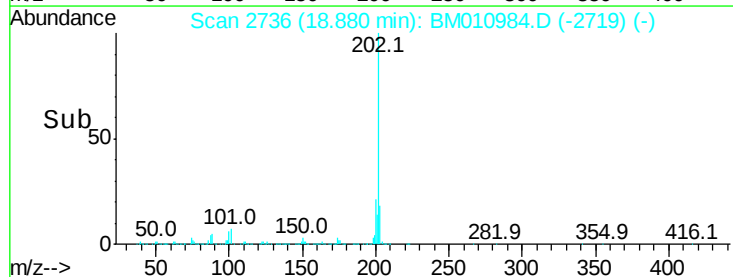
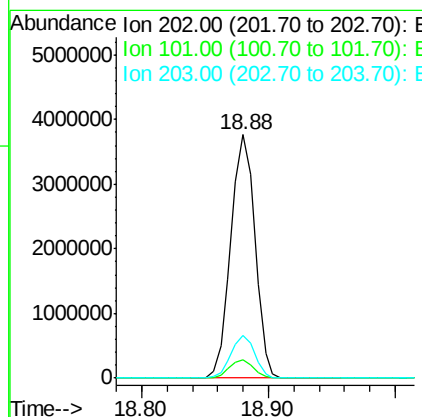
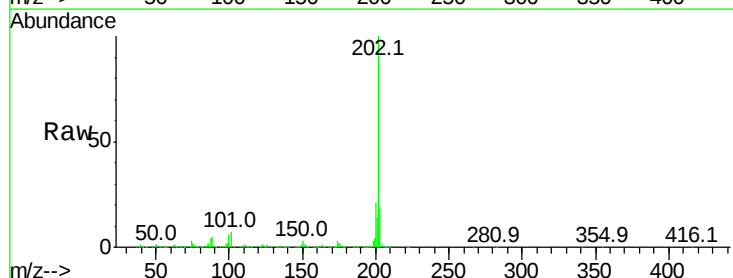
Manual Integrations
APPROVED

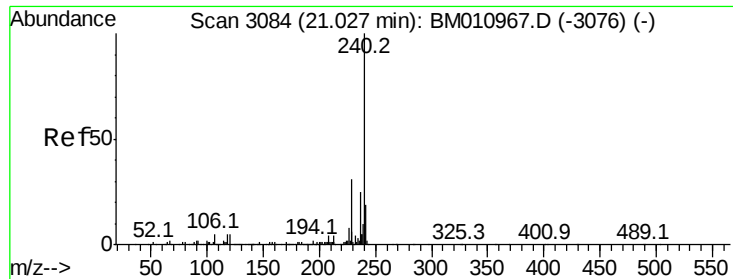
Sohil
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#74
Fluoranthene
Concen: 38.553 ng
RT: 18.88 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.7
203	17.5	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.03 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

ClientSampleId :

PB100891BS

Tot Ion:240 Resp: 1817914

Ion Ratio Lower Upper

240 100

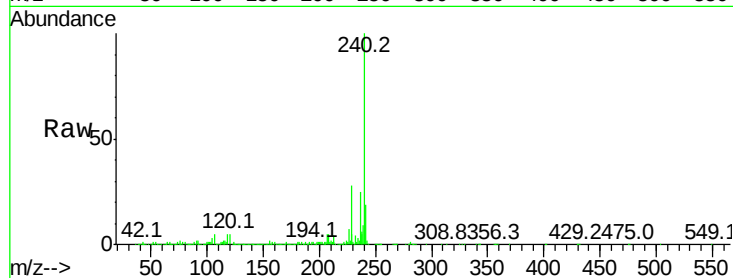
120 5.1 8.2 12.2#

236 25.3 20.0 30.0

Manual Integrations
APPROVED

Sohil

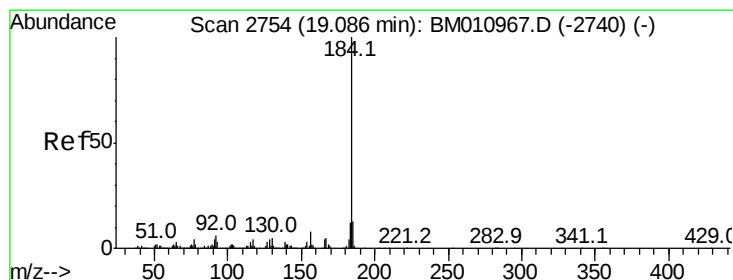
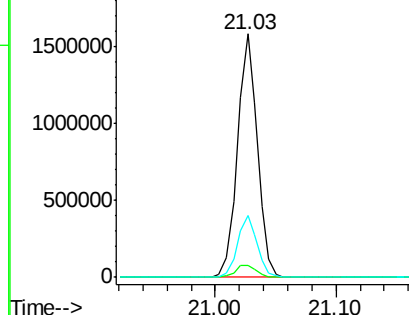
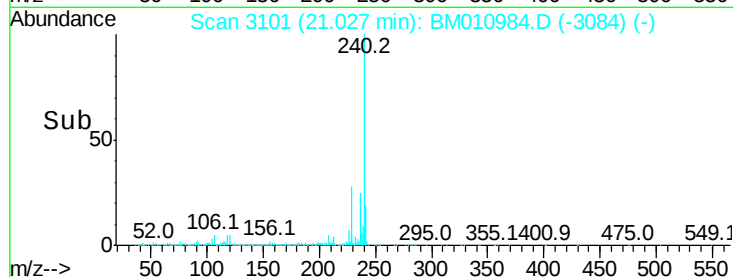
7/27/2017 6:21:37 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.025 ng

RT: 19.09 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

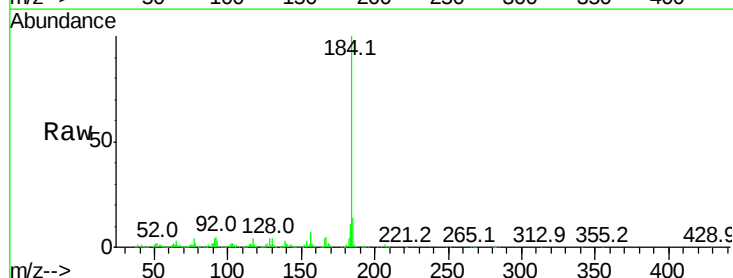
Tgt Ion:184 Resp: 2132064

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

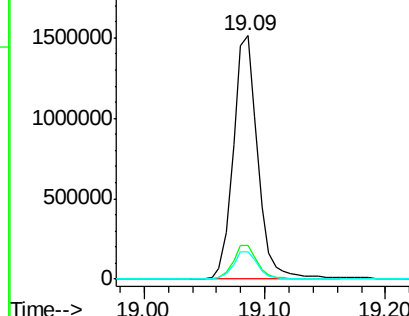
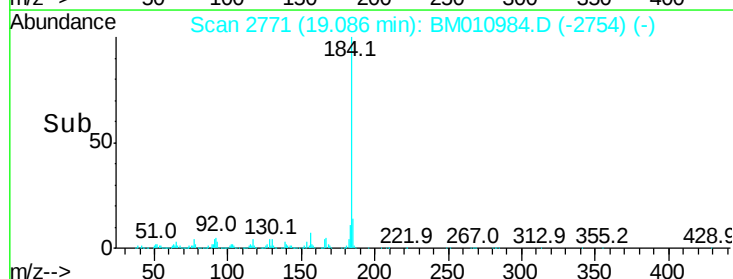
183 11.1 8.9 13.3

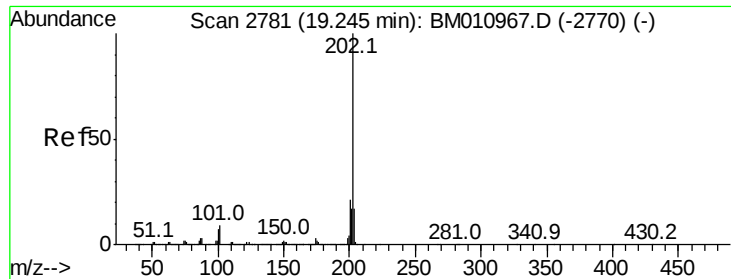


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.742 ng

RT: 19.24 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

ClientSampleId :

PB100891BS

Tot Ion:202 Resp: 4832909

Ion Ratio Lower Upper

202 100

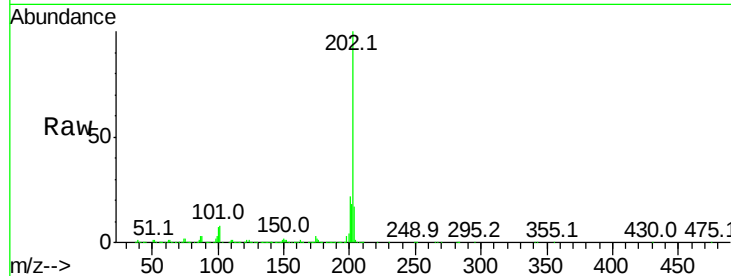
200 22.0 16.9 25.3

203 17.2 14.1 21.1

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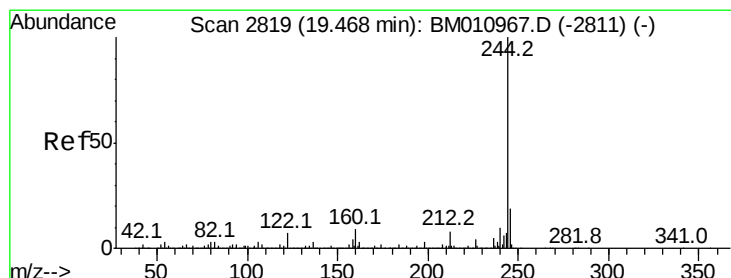
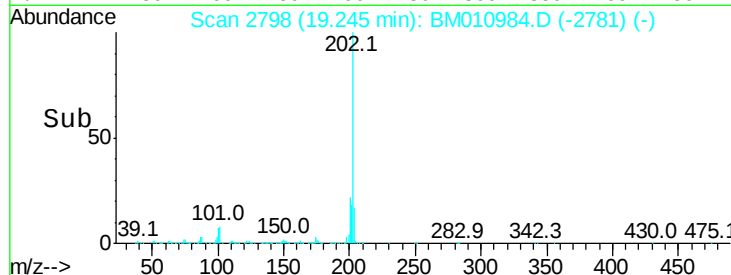
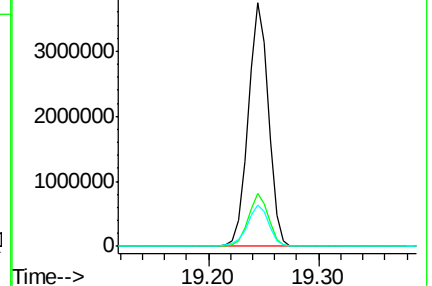
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.625 ng

RT: 19.47 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Tgt Ion:244 Resp: 7490968

Ion Ratio Lower Upper

244 100

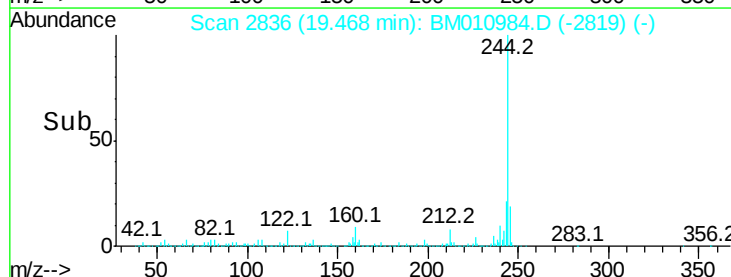
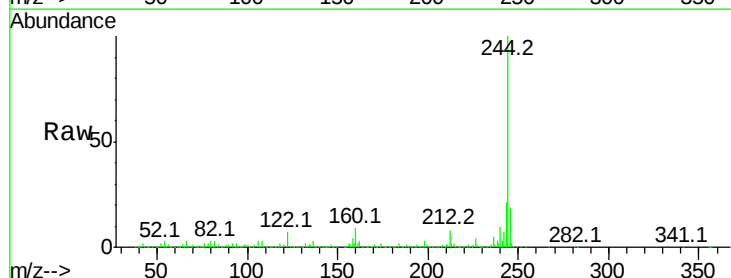
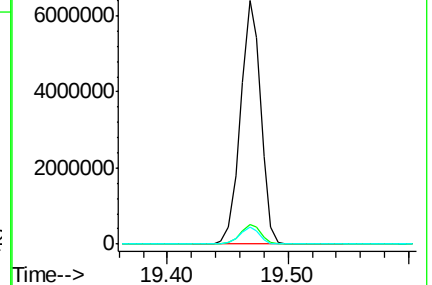
212 8.0 4.9 7.3#

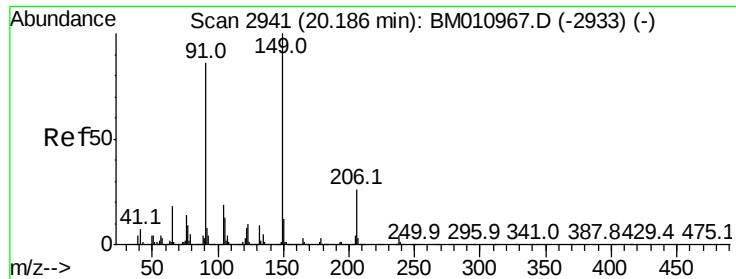
122 7.1 6.2 9.4

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





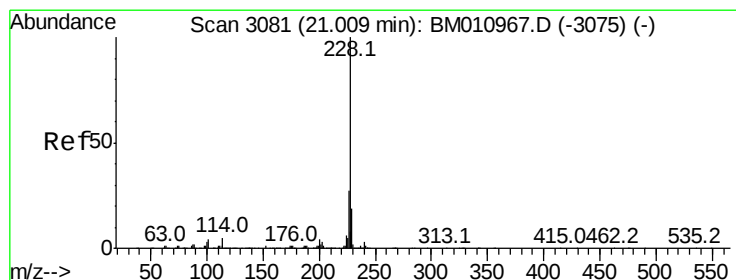
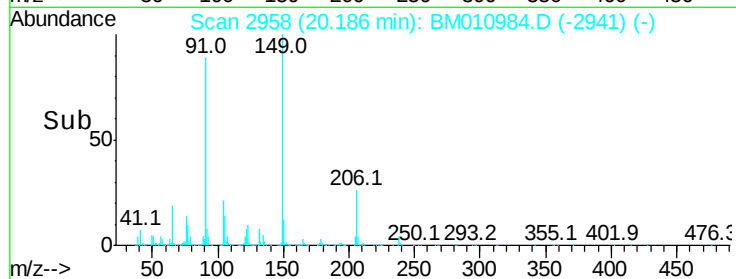
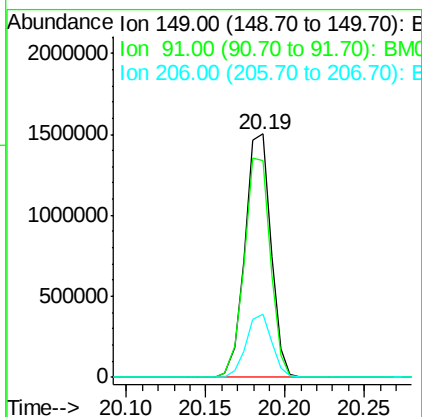
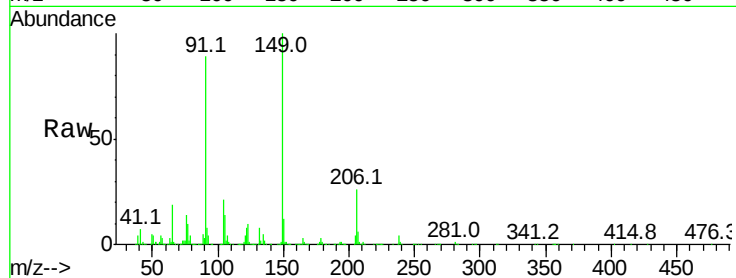
#79
Butylbenzylphthalate
Concen: 44.379 ng
RT: 20.19 min Scan# 2958
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	89.0	50.1	75.1#
206	25.7	16.2	24.2#

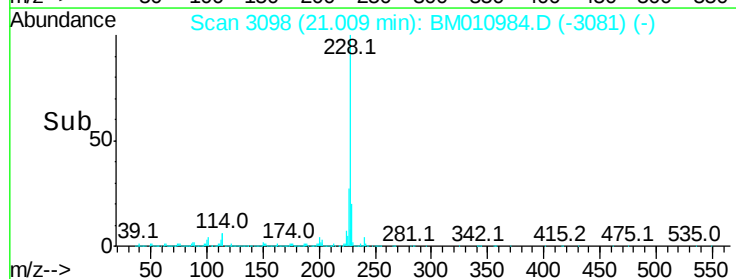
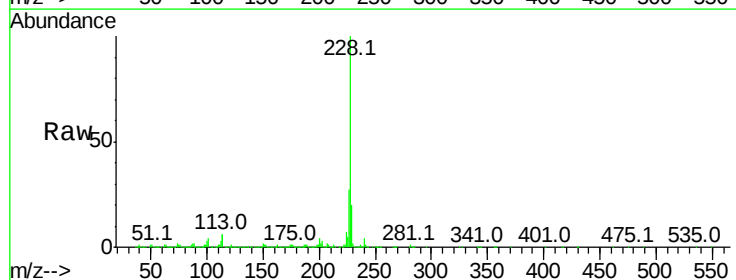
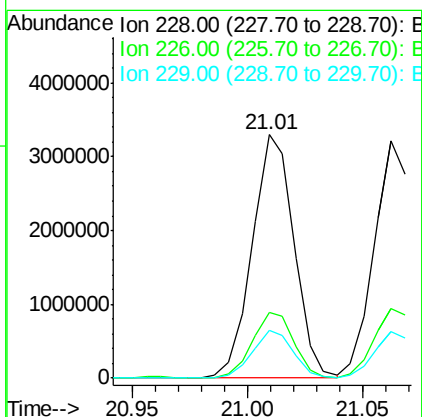
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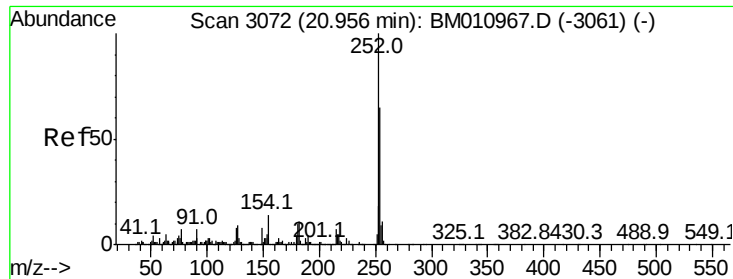
Sohil
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#80
Benzo(a)anthracene
Concen: 40.048 ng
RT: 21.01 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.7	32.5
229	19.6	16.0	24.0





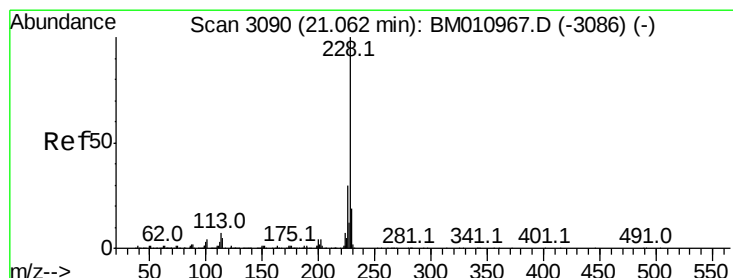
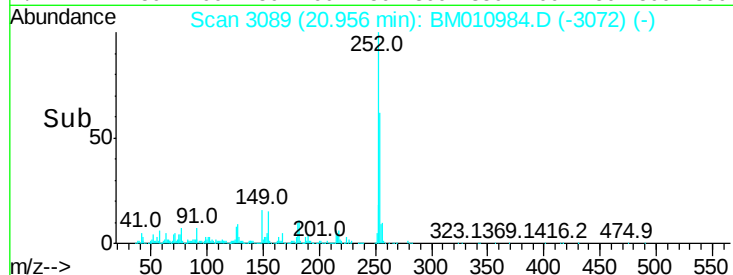
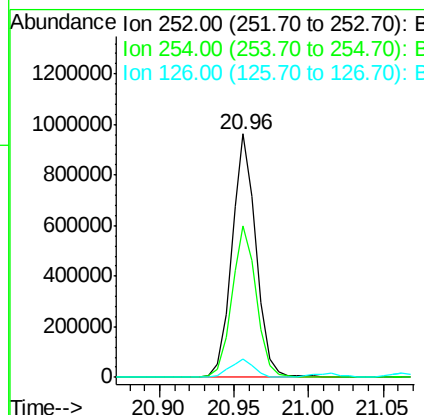
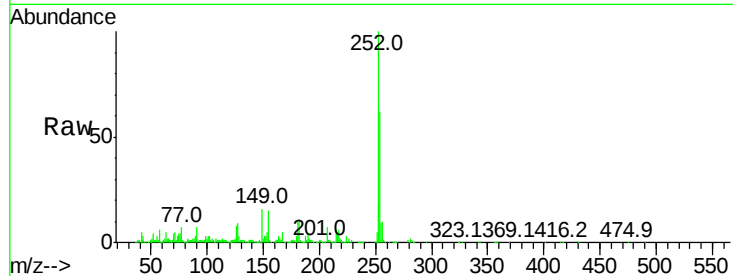
#81
 3,3'-Dichlorobenzidine
 Concen: 26.628 ng
 RT: 20.96 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.2	51.9	77.9
126	7.8	9.8	14.8

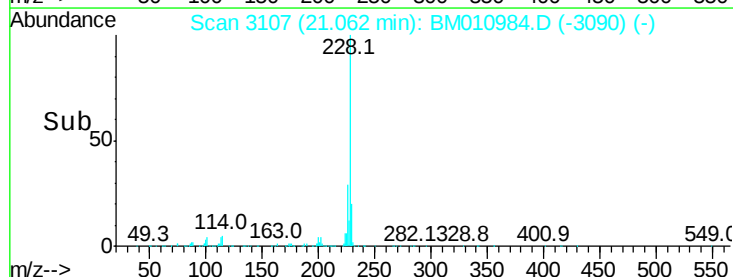
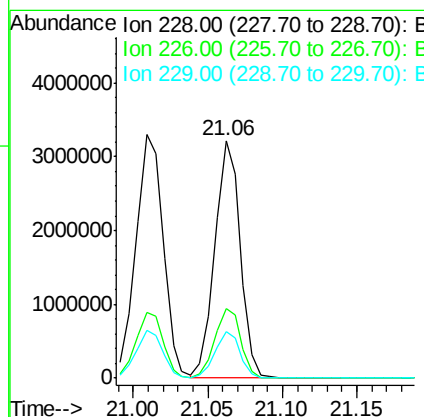
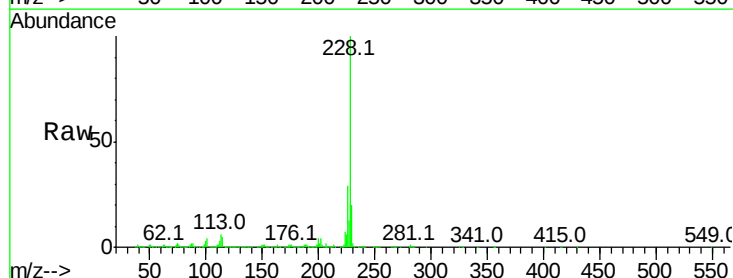
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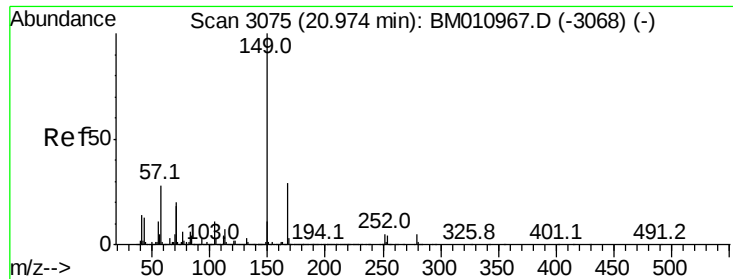
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#82
 Chrysene
 Concen: 38.381 ng
 RT: 21.06 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.1	36.1
229	19.6	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.384 ng

RT: 20.97 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

ClientSampleId :

PB100891BS

Tot Ion:149 Resp: 2338496

Ion Ratio Lower Upper

149 100

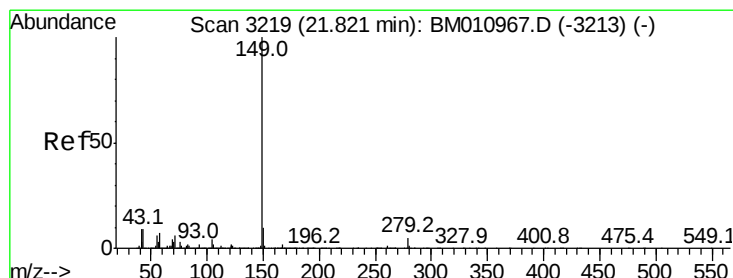
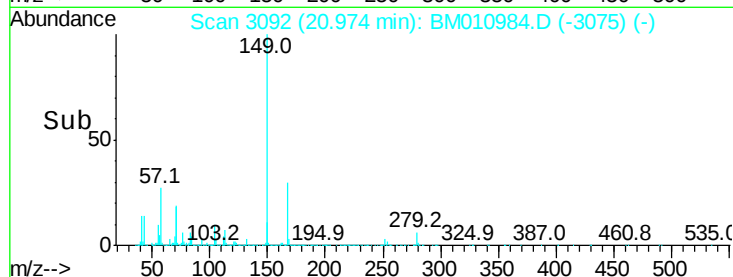
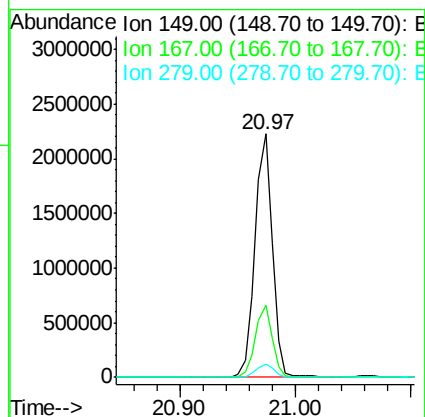
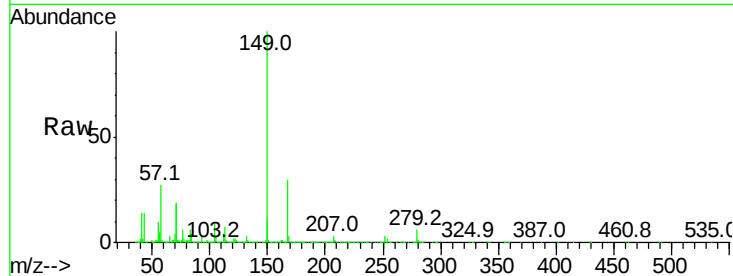
167 29.6 22.4 33.6

279 5.5 3.4 5.0#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 37.319 ng

RT: 21.82 min Scan# 3236

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

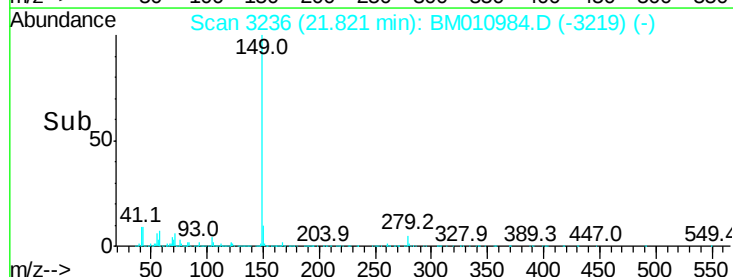
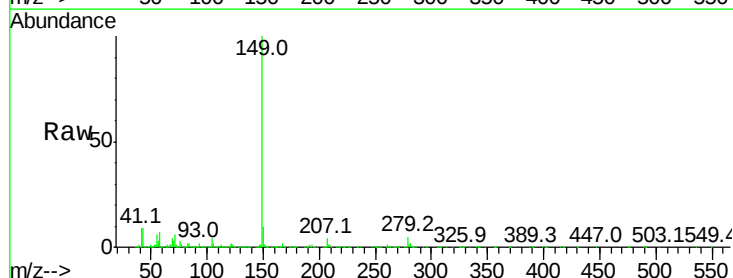
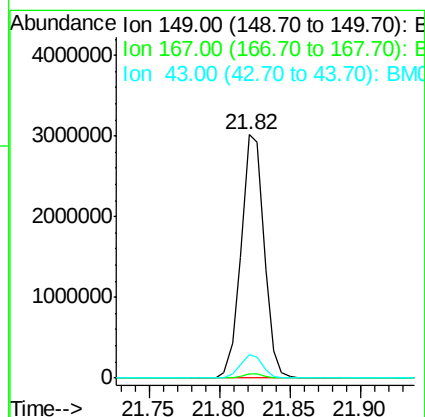
Tgt Ion:149 Resp: 3422624

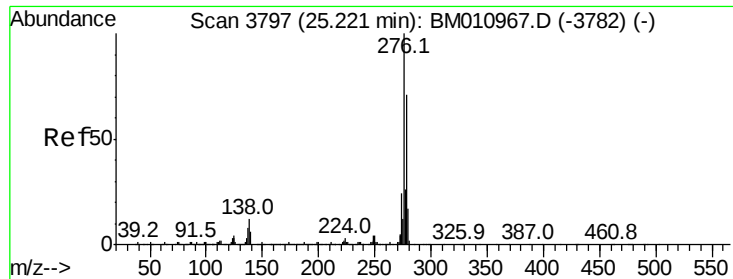
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.3 7.3 10.9





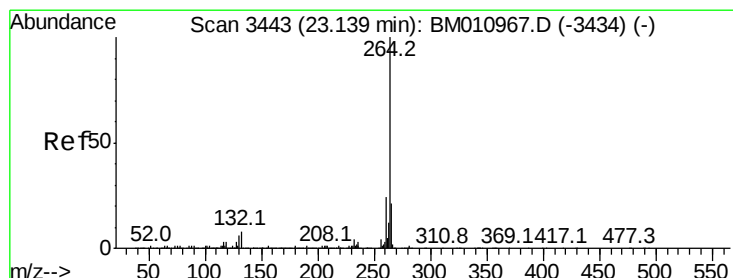
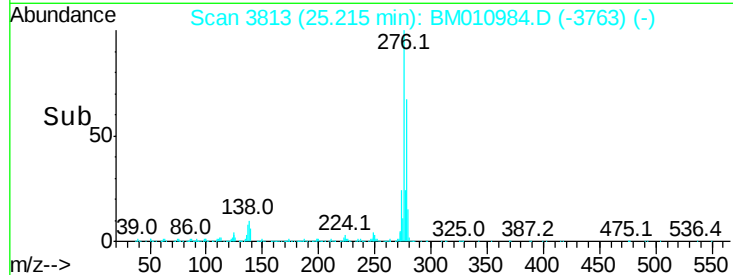
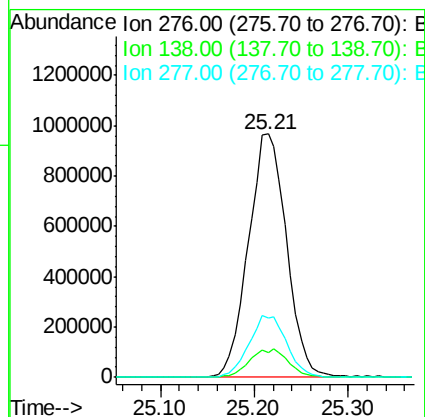
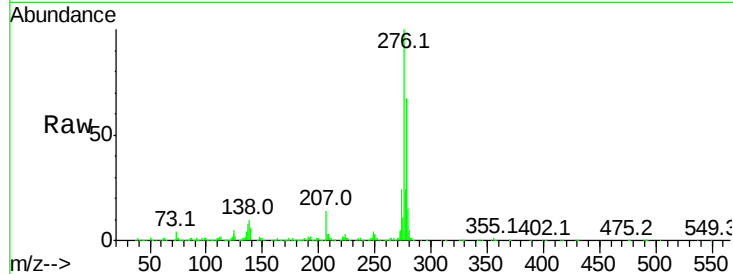
#85
Indeno(1,2,3-cd)pyrene
Concen: 26.292 ng
RT: 25.21 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion:276 Resp: 2713106
Ion Ratio Lower Upper
276 100
138 12.0 12.0 18.0#
277 25.1 20.0 30.0

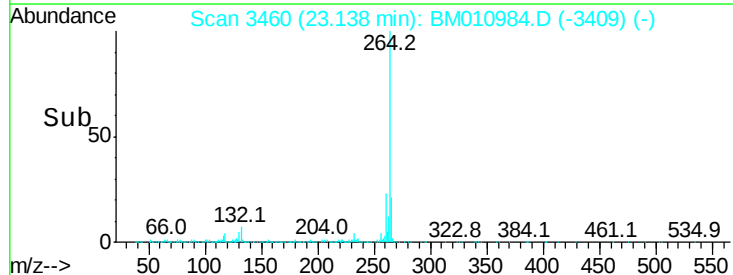
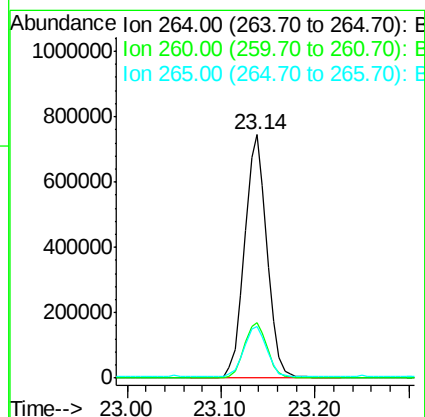
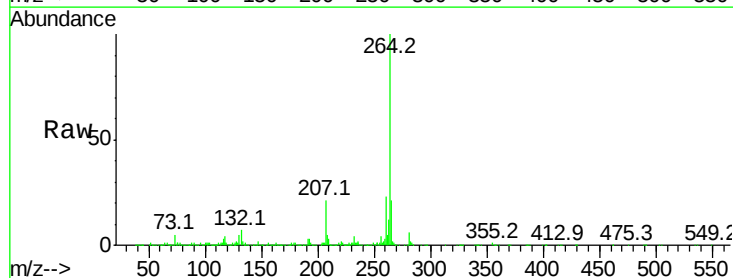
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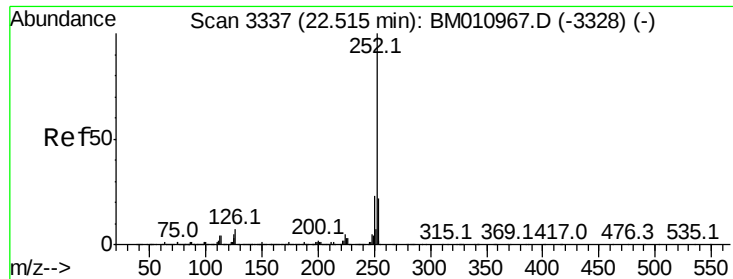
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3460
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion:264 Resp: 1224469
Ion Ratio Lower Upper
264 100
260 22.5 18.6 27.8
265 21.4 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 42.713 ng

RT: 22.51 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Instrument :

BNA_M

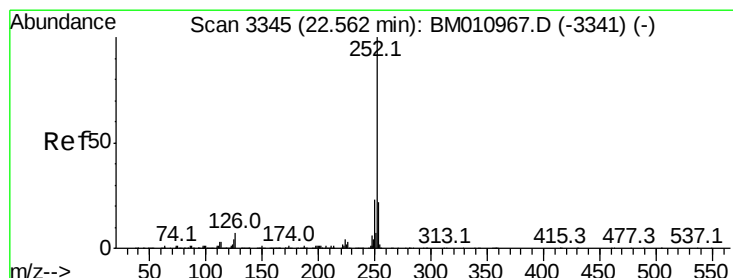
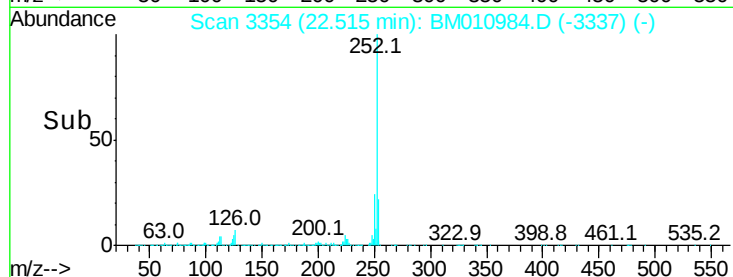
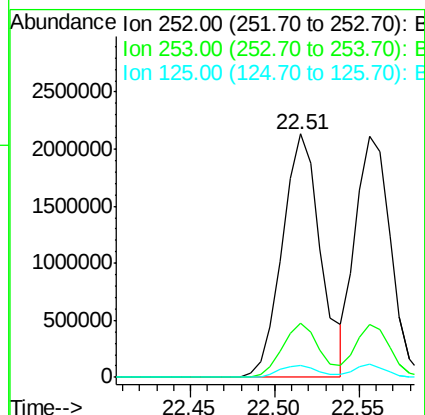
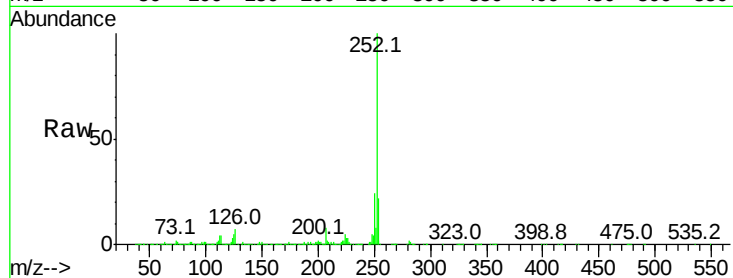
ClientSampleId :

PB100891BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	5.0	9.9	14.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 40.454 ng

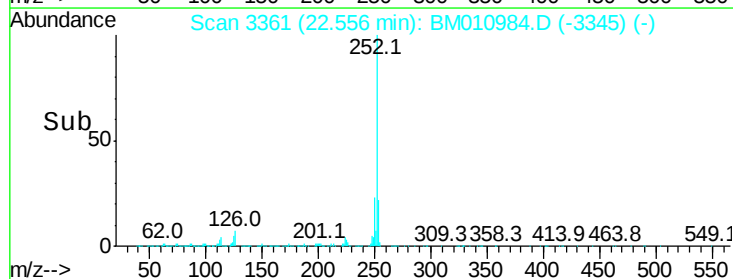
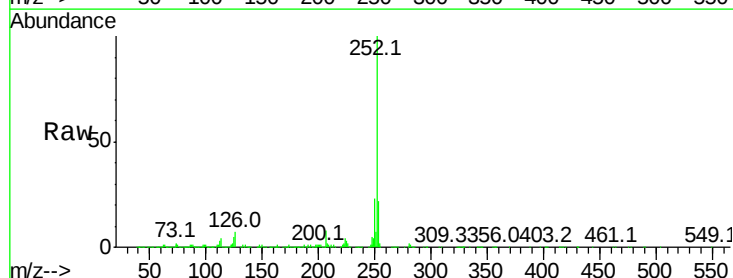
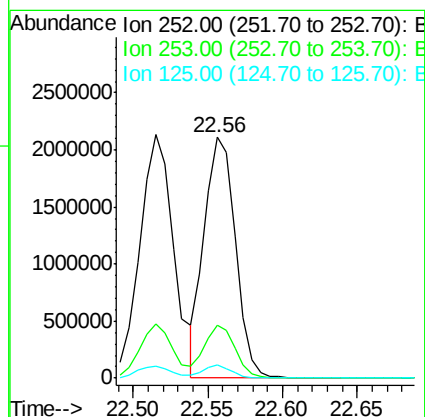
RT: 22.56 min Scan# 3361

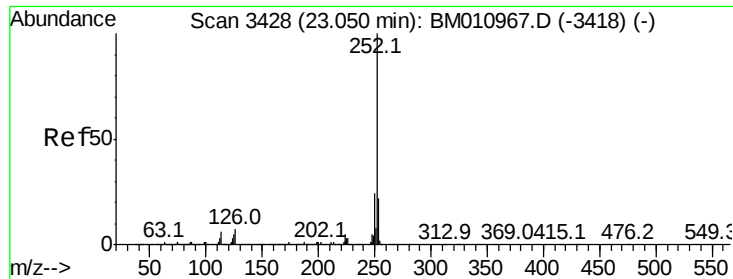
Delta R.T. -0.01 min

Lab File: BM010984.D

Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	5.2	8.1	12.1





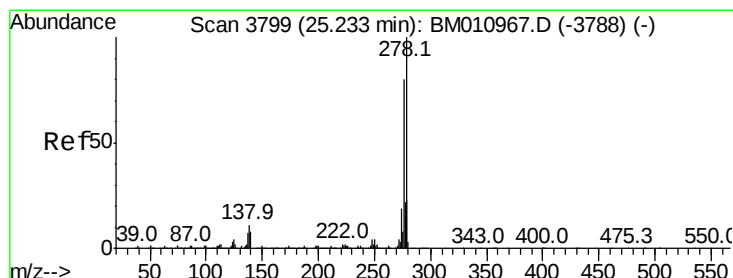
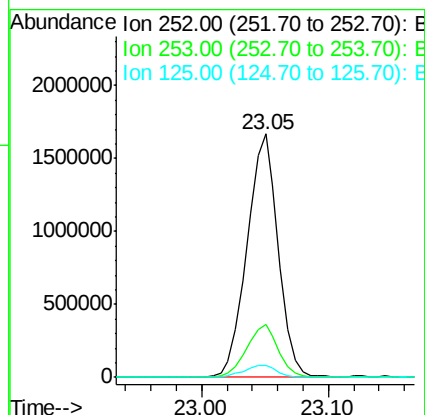
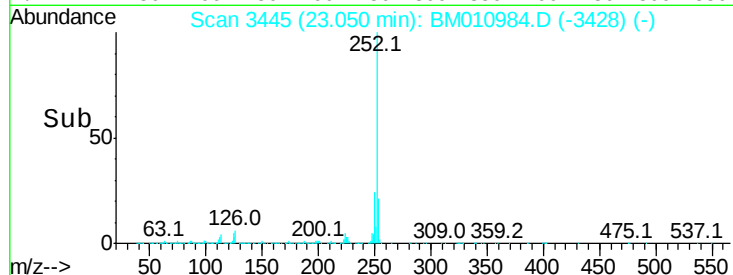
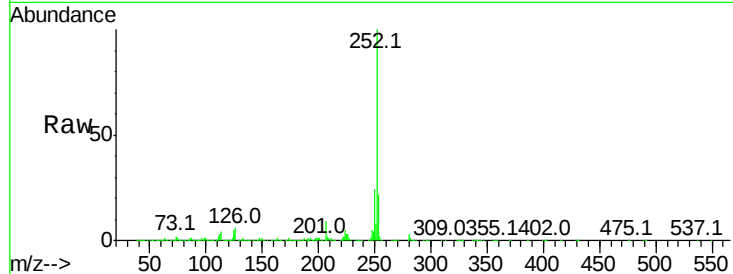
#89
Benzo(a)pyrene
Concen: 40.005 ng
RT: 23.05 min Scan# 3445
Delta R.T. -0.00 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Instrument :
BNA_M
ClientSampleId :
PB100891BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	4.7	7.4	11.2

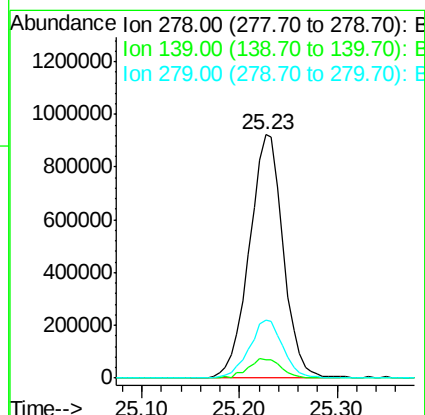
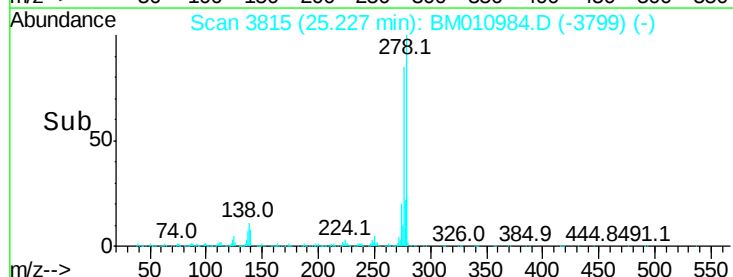
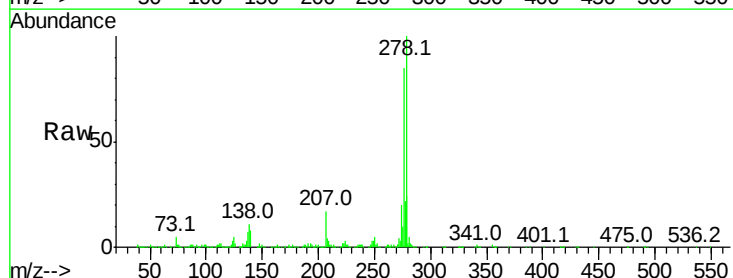
Manual Integrations
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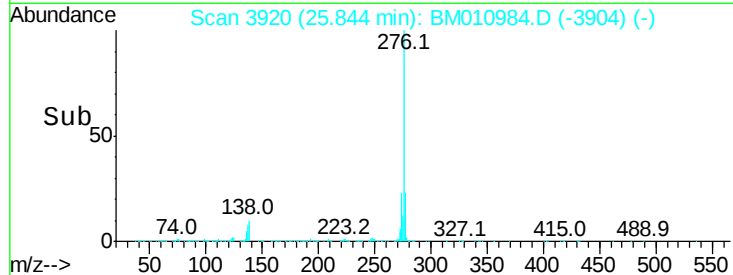
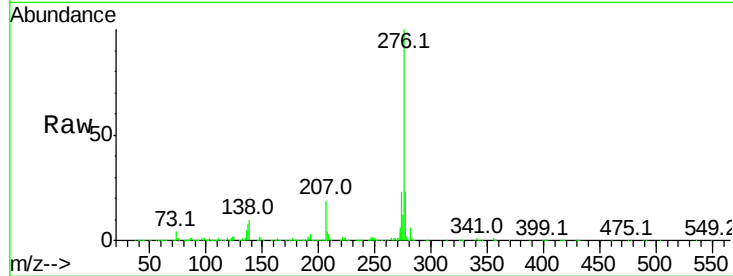
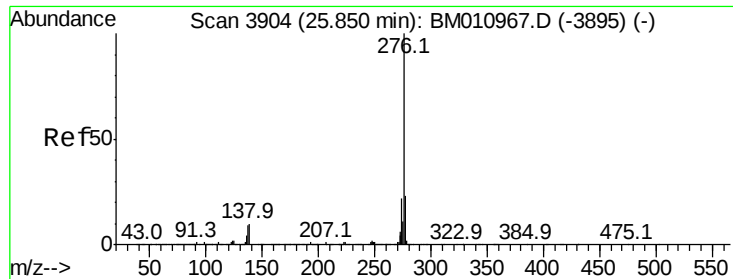
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 33.891 ng
RT: 25.23 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM010984.D
Acq: 26 Jul 2017 23:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.8	13.4	20.0
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.752 ng
 RT: 25.84 min Scan# 3920
 Delta R.T. -0.01 min
 Lab File: BM010984.D
 Acq: 26 Jul 2017 23:12

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.5	27.7
138	10.4	19.0	28.6

Manual Integrations
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