

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
 Data File : BM011082.D
 Acq On : 01 Aug 2017 15:01
 Operator : SJ/JU
 Sample : I4476-04MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMSD

Manual Integrations
 APPROVED

Sohil
 8/2/2017 7:17:13 PM

Quant Time: Aug 01 16:31:03 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	7.38	152	231139	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	921787	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	612406	20.00	ng	-0.01
63) Phenanthrene-d10	16.80	188	1449791	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	1267471	20.00	ng	0.00
86) Perylene-d12	23.13	264	1043378	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	1695236	123.98	ng	0.00
7) Phenol-d6	6.59	99	2197983	113.14	ng	0.00
23) Nitrobenzene-d5	8.53	82	2164950	88.15	ng	0.00
41) 2,4,6-Tribromophenol	15.54	330	1284979	130.91	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	4264513	87.33	ng	-0.01
78) Terphenyl-d14	19.46	244	5655634	88.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	185448	30.207	ng	# 100
3) Pyridine	3.42	79	452240	26.969	ng	# 87
4) n-Nitrosodimethylamine	3.33	42	337874	39.538	ng	# 67
6) Aniline	6.74	93	578547	23.629	ng	# 87
8) 2-Chlorophenol	6.96	128	539973	38.897	ng	# 76
9) Benzaldehyde	6.54	77	259857	20.673	ng	# 67
10) Phenol	6.61	94	774572	36.708	ng	# 99
11) bis(2-Chloroethyl)ether	6.83	93	688658	41.886	ng	# 91
12) 1,3-Dichlorobenzene	7.27	146	578526	34.195	ng	# 74
13) 1,4-Dichlorobenzene	7.42	146	608372	35.082	ng	# 86
14) 1,2-Dichlorobenzene	7.73	146	574673	34.659	ng	# 88
15) Benzyl Alcohol	7.63	79	831075	44.593	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	7.92	45	619995	41.906	ng	# 73
17) 2-Methylphenol	7.83	107	565310	41.918	ng	# 75
18) Hexachloroethane	8.44	117	265190	35.066	ng	# 80
19) n-Nitroso-di-n-propylamine	8.20	70	721985	43.733	ng	# 90
20) 3+4-Methylphenols	8.16	107	763454	40.725	ng	# 81
22) Acetophenone	8.20	105	1128457	40.840	ng	# 91
24) Nitrobenzene	8.57	77	1083353	42.567	ng	# 84
25) Isophorone	9.10	82	1817224	44.377	ng	# 84
26) 2-Nitrophenol	9.27	139	329197	40.652	ng	# 16
27) 2,4-Dimethylphenol	9.35	122	597011	41.879	ng	# 77
28) bis(2-Chloroethoxy)methane	9.59	93	998905	43.736	ng	# 99
29) 2,4-Dichlorophenol	9.80	162	669171	41.774	ng	# 90
30) 1,2,4-Trichlorobenzene	10.01	180	781826	39.473	ng	# 99
31) Naphthalene	10.19	128	1876054	40.457	ng	# 99
32) Benzoic acid	9.50	122	366655	31.999	ng	# 55
33) 4-Chloroaniline	10.33	127	302962	16.377	ng	# 74
34) Hexachlorobutadiene	10.48	225	606351	38.868	ng	# 97
35) Caprolactam	11.11	113	135283m	29.780	ng	# 73
36) 4-Chloro-3-methylphenol	11.45	107	830671	40.159	ng	# 87
37) 2-Methylnaphthalene	11.82	142	1523781	44.731	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	1096116	41.660	ng	# 98
40) Hexachlorocyclopentadiene	12.18	237	1665279	108.621	ng	# 98

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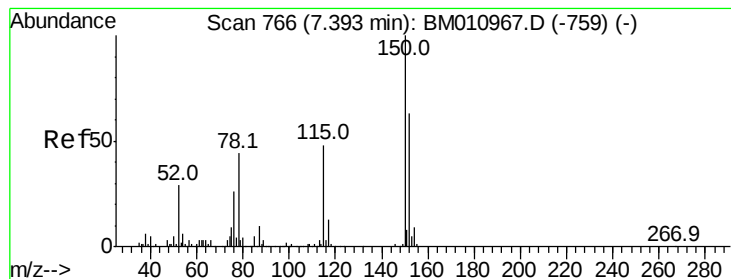
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	681348	42.784	nq	97
43) 2,4,5-Trichlorophenol	12.52	196	706924	43.100	nq #	87
45) 1,1'-Biphenyl	12.86	154	2122803	40.088	nq	96
46) 2-Chloronaphthalene	12.90	162	1697653	43.512	nq	94
47) 2-Nitroaniline	13.12	65	660620	47.861	nq #	65
48) Acenaphthylene	13.76	152	2501758	42.966	nq	98
49) Dimethylphthalate	13.52	163	2157597	41.184	nq #	99
50) 2,6-Dinitrotoluene	13.63	165	452211	42.686	nq #	56
51) Acenaphthene	14.10	154	1479349	41.033	nq	98
52) 3-Nitroaniline	13.96	138	350269	38.101	nq #	27
53) 2,4-Dinitrophenol	14.17	184	597772	79.395	nq #	90
54) Dibenzofuran	14.45	168	2693698	46.112	nq	92
55) 4-Nitrophenol	14.29	139	518823	64.235	nq	92
56) 2,4-Dinitrotoluene	14.43	165	631191	42.440	nq #	93
57) Fluorene	15.10	166	2195480	43.166	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.68	232	717264	46.655	nq #	100
59) Diethylphthalate	14.90	149	2219532	41.484	nq	99
60) 4-Chlorophenyl-phenylether	15.10	204	1316849	42.883	nq	96
61) 4-Nitroaniline	15.14	138	370357	37.928	nq #	1
62) Azobenzene	15.40	77	2814709	49.155	nq	87
64) 4,6-Dinitro-2-methylphenol	15.19	198	400503	40.806	nq	93
65) n-Nitrosodiphenylamine	15.33	169	1809434	43.610	nq	99
66) 4-Bromophenyl-phenylether	16.00	248	868454	46.597	nq #	91
67) Hexachlorobenzene	16.10	284	885289	42.035	nq #	87
68) Atrazine	16.29	200	476473	28.656	nq	95
69) Pentachlorophenol	16.46	266	1061550	79.393	nq	96
70) Phenanthrene	16.84	178	3410631	44.928	nq	99
71) Anthracene	16.93	178	3393026	44.816	nq	99
72) Carbazole	17.21	167	2590782	39.129	nq	99
73) Di-n-butylphthalate	17.80	149	3331733	41.321	nq #	95
74) Fluoranthene	18.87	202	3786187	40.246	nq	98
76) Benzidine	19.08	184	306692	10.115	nq	99
77) Pyrene	19.24	202	3814043	50.644	nq	100
79) Butylbenzylphthalate	20.17	149	1268942	47.383	nq #	68
80) Benzo(a)anthracene	21.00	228	3200152	44.218	nq	100
81) 3,3'-Dichlorobenzidine	20.95	252	746661	26.299	nq #	97
82) Chrysene	21.06	228	2949649	42.459	nq	99
83) Bis(2-ethylhexyl)phthalate	20.97	149	1714498	43.518	nq #	99
84) Di-n-octyl phthalate	21.82	149	2581925	40.379	nq	98
85) Indeno(1,2,3-cd)pyrene	25.20	276	3304831	45.934	nq #	96
87) Benzo(b)fluoranthene	22.51	252	2924674	43.674	nq #	91
88) Benzo(k)fluoranthene	22.55	252	2821448	43.959	nq #	95
89) Benzo(a)pyrene	23.04	252	2759220	45.536	nq #	96
90) Dibenzo(a,h)anthracene	25.21	278	2677139	47.658	nq #	90
91) Benzo(g,h,i)perylene	25.84	276	2733546	49.557	nq #	83

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



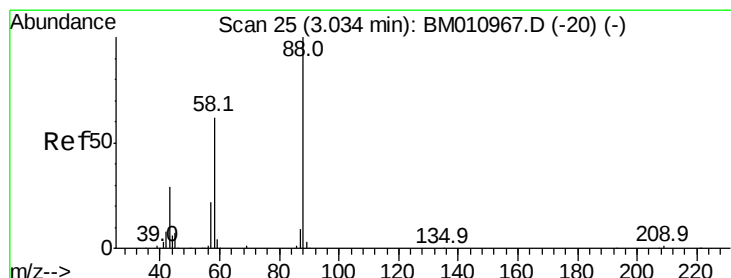
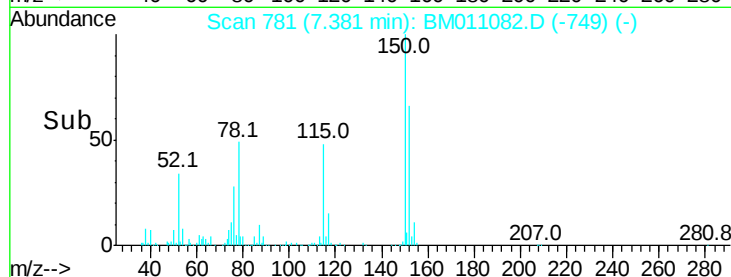
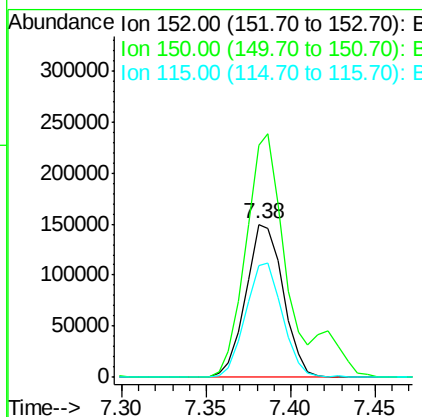
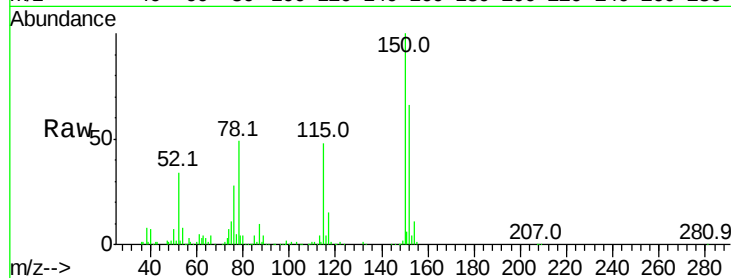
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.38 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	119.5	179.3
115	73.2	43.0	64.4

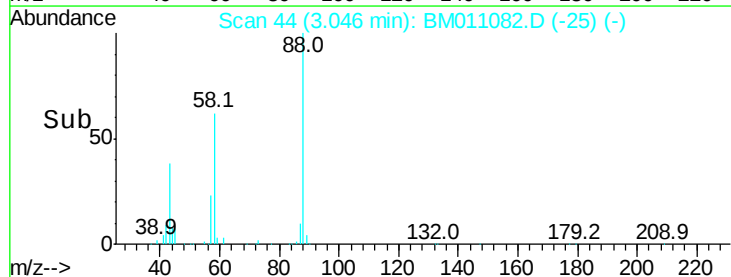
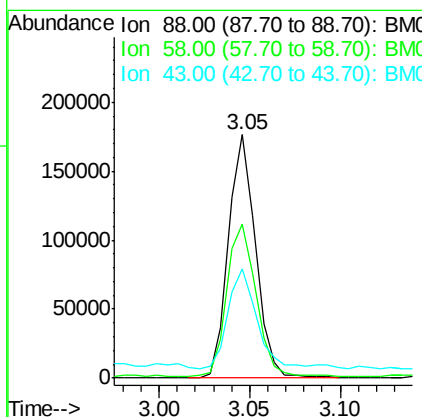
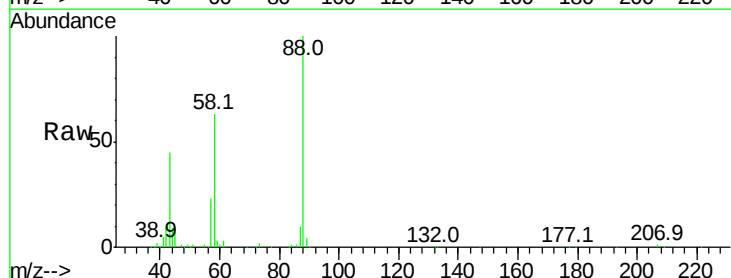
Manual Integrations
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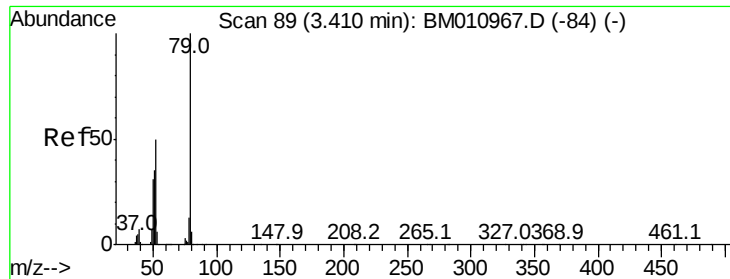
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#2
 1,4-Dioxane
 Concen: 30.207 ng
 RT: 3.05 min Scan# 44
 Delta R.T. 0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.8	0.0	0.0
43	42.3	0.0	0.0





#3

Pvridine

Concen: 26.969 ng

RT: 3.42 min Scan# 107

Delta R.T. 0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Instrument :

BNA_M

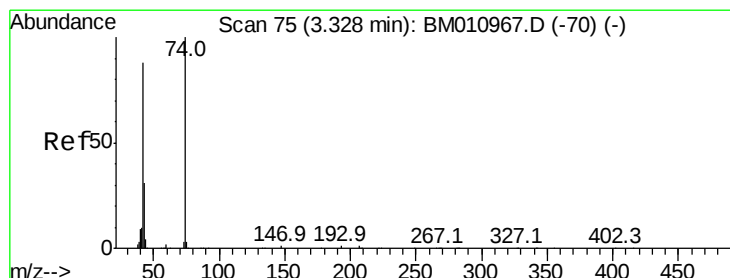
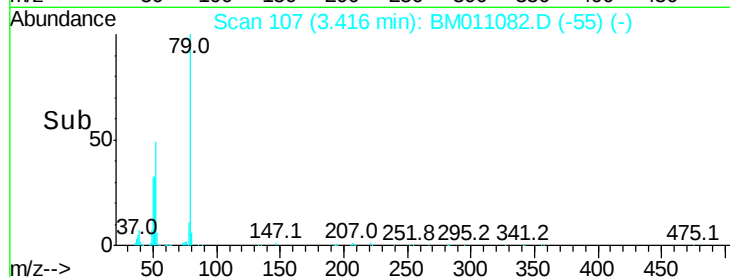
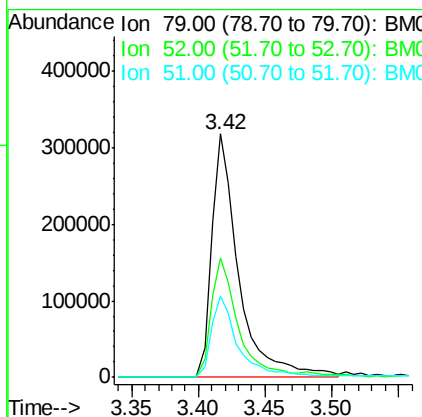
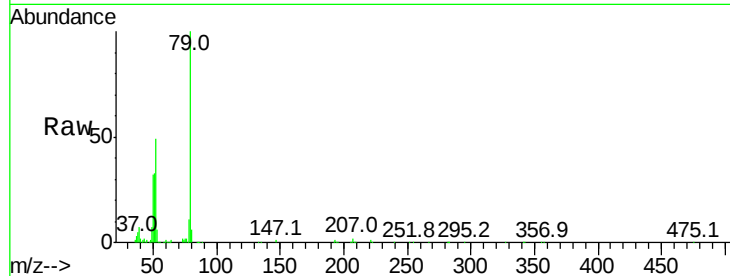
ClientSampleId :

TP-8-LENOX-AVEMSD

Tot Ion:	79	Resp:	452240
Ion Ratio	Lower	Upper	
79	100		
52	49.2	51.1	76.7#
51	33.1	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 39.538 ng

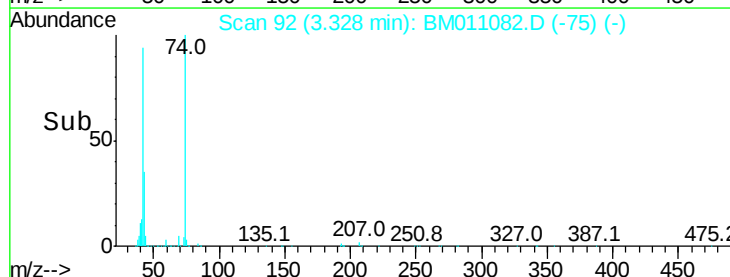
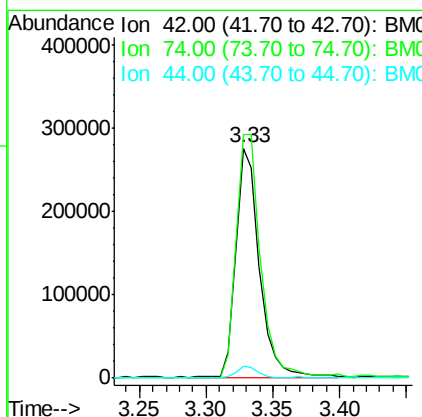
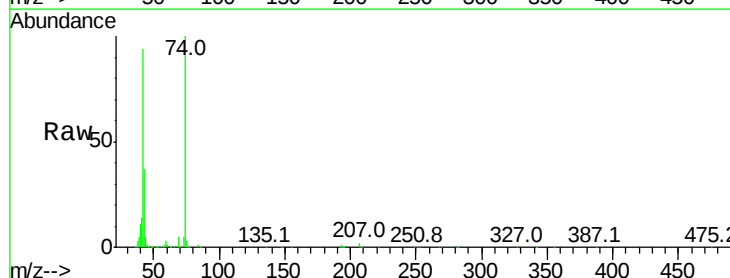
RT: 3.33 min Scan# 92

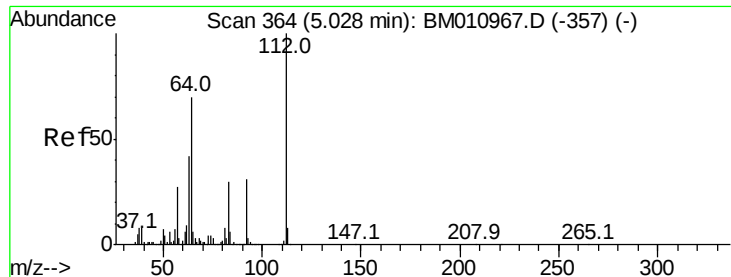
Delta R.T. 0.00 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Tgt Ion:	42	Resp:	337874
Ion Ratio	Lower	Upper	
42	100		
74	105.8	119.3	178.9#
44	5.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 123.981 ng

RT: 5.03 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMSD

Tot Ion: 112 Resp: 1695236

Ion Ratio Lower Upper

112 100

64 72.1 38.6 57.8#

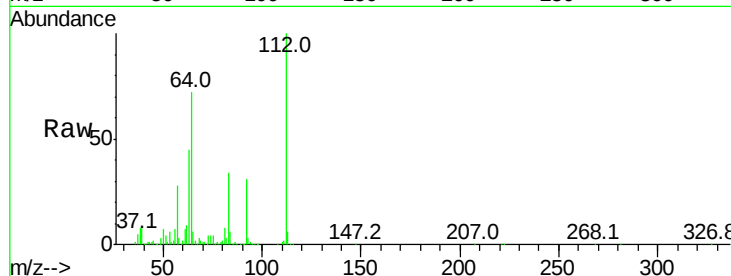
63 44.9 19.3 28.9#

Manual Integrations

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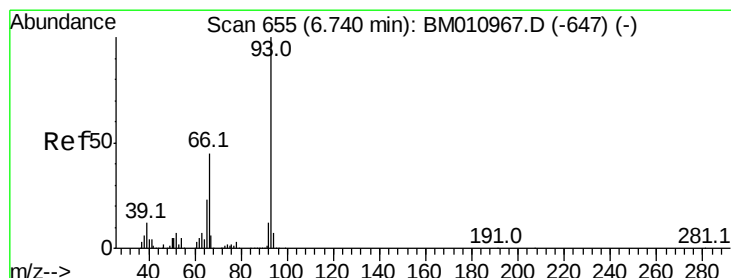
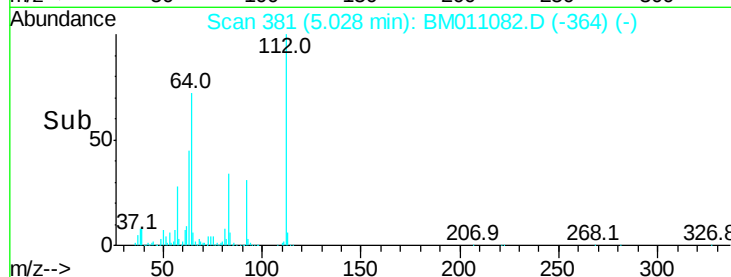
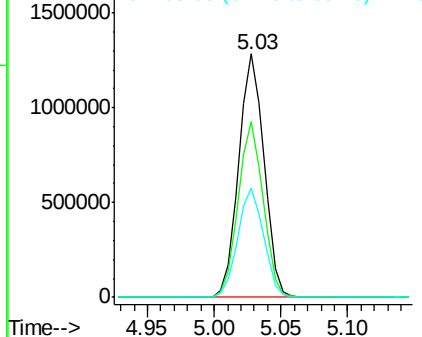
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 23.629 ng

RT: 6.74 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

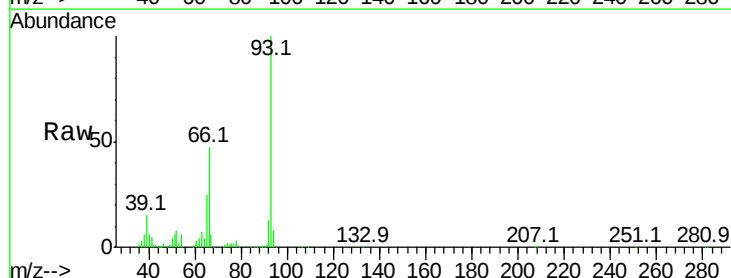
Tgt Ion: 93 Resp: 578547

Ion Ratio Lower Upper

93 100

66 47.0 30.8 46.2#

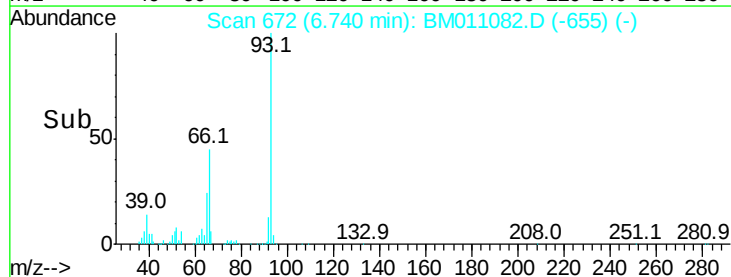
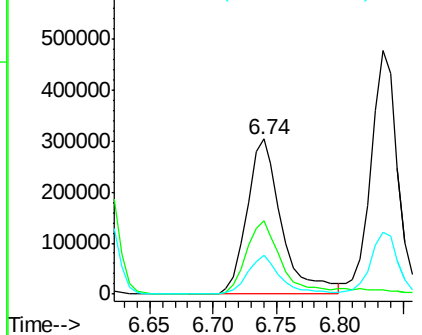
65 25.3 16.0 24.0#

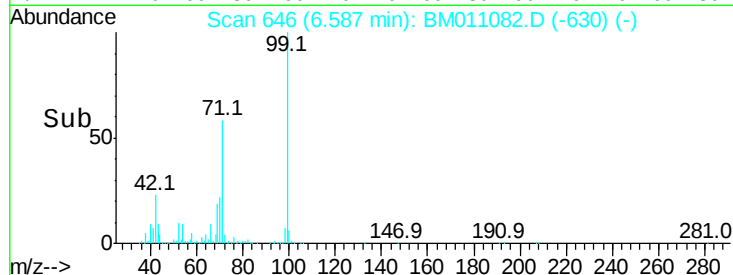
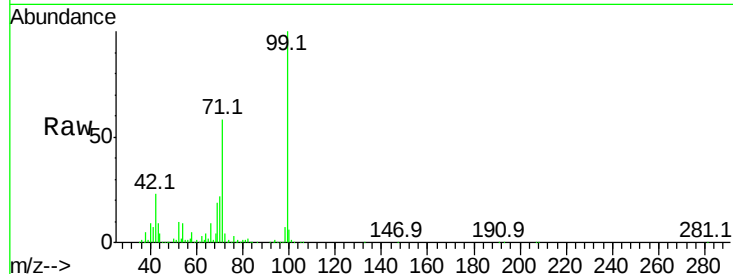
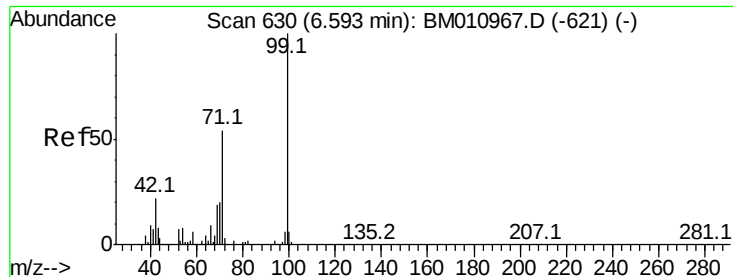


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 113.139 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011082.D

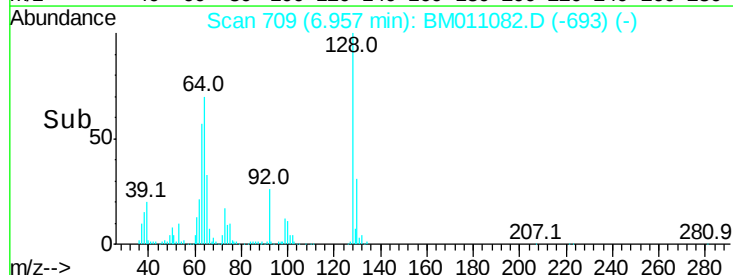
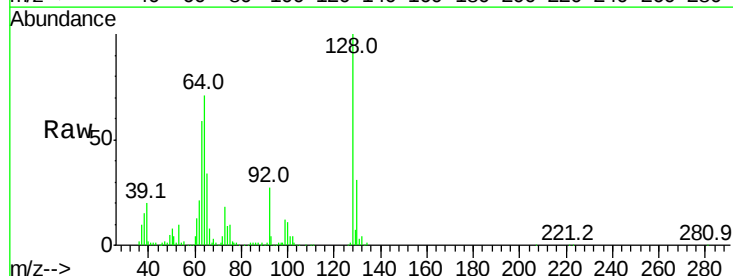
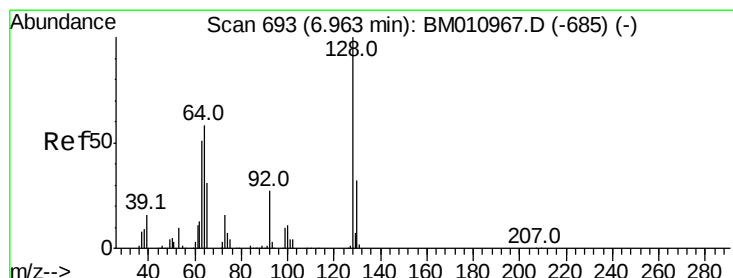
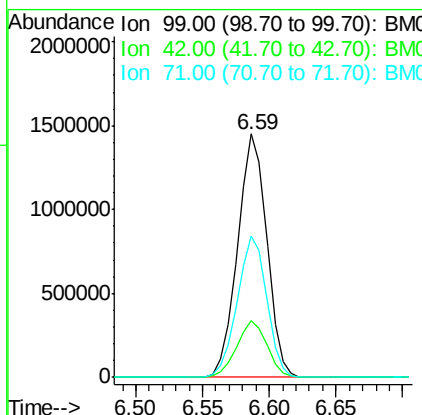
Acq: 01 Aug 2017 15:01

Tot Ion	99	Resp	2197983
Ion	Ratio	Lower	Upper
99	100		
42	23.4	11.0	16.4#
71	58.2	23.4	35.2#

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#8

2-Chlorophenol

Concen: 38.897 ng

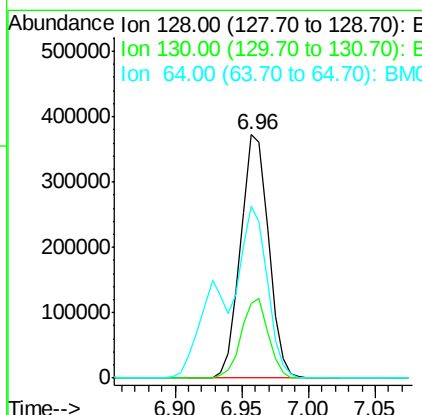
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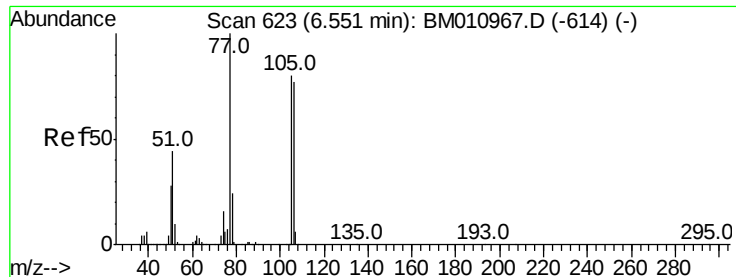
Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Tgt Ion	128	Resp	539973
Ion	Ratio	Lower	Upper
128	100		
130	30.6	12.0	52.0
64	70.6	24.9	64.9#





#9

Benzaldehyde

Concen: 20.673 ng

RT: 6.54 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMSD

Tot Ion: 77 Resp: 259857

Ion Ratio Lower Upper

77 100

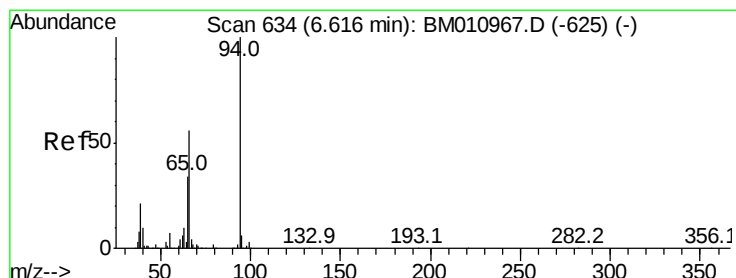
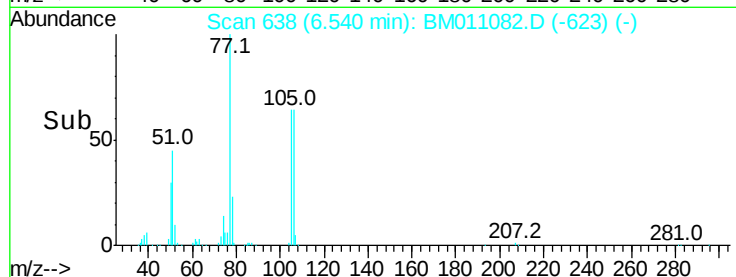
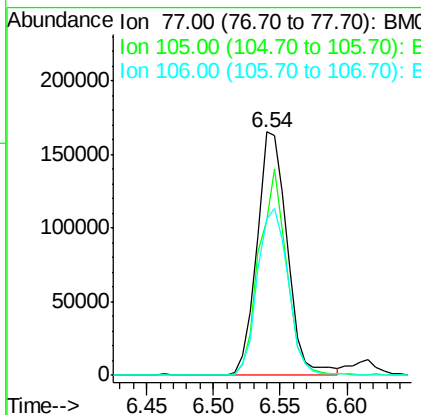
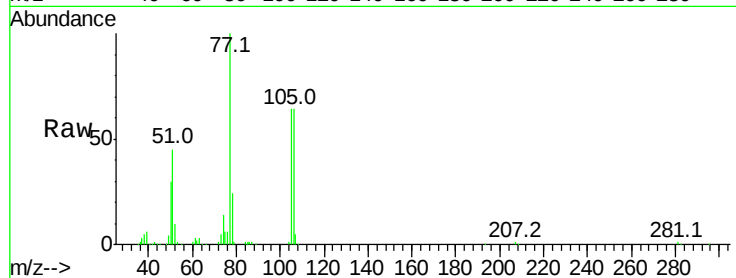
105 63.8 78.8 118.8#

106 64.1 73.7 113.7#

Manual Integrations
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#10

Phenol

Concen: 36.708 ng

RT: 6.61 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

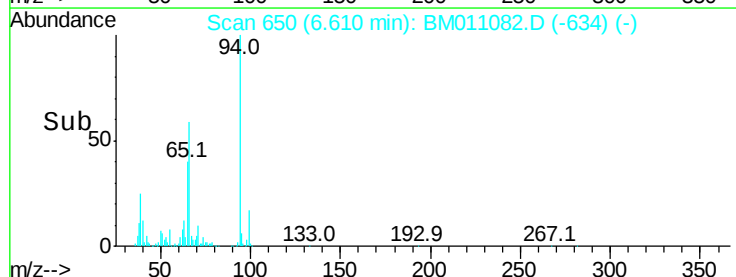
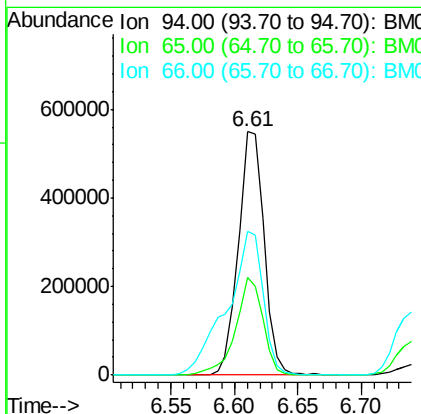
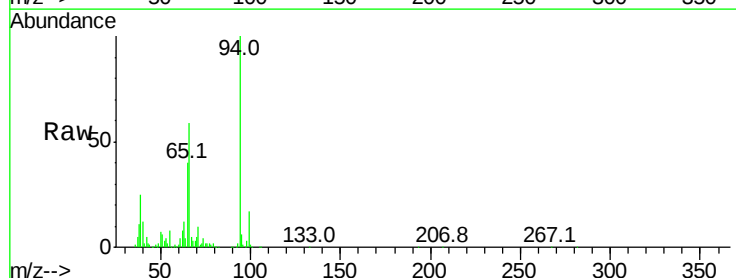
Tgt Ion: 94 Resp: 774572

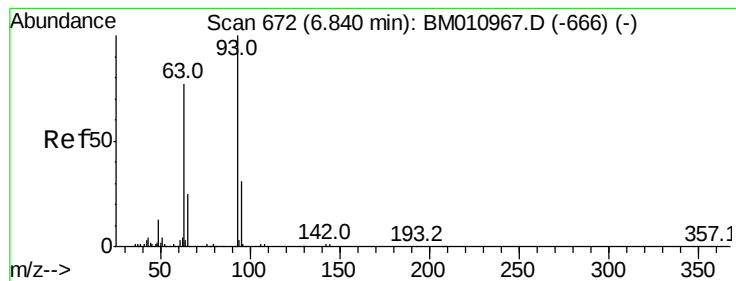
Ion Ratio Lower Upper

94 100

65 39.9 18.8 58.8

66 59.3 39.9 79.9





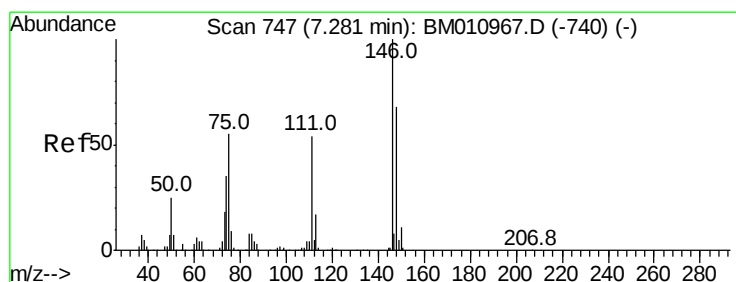
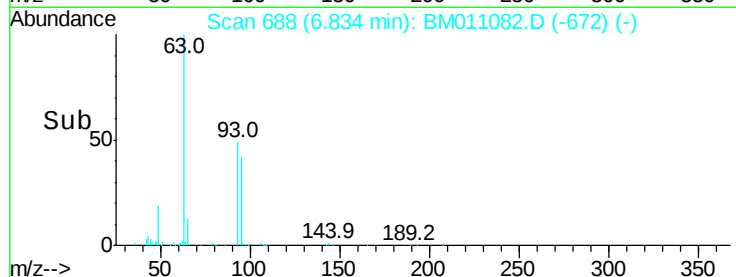
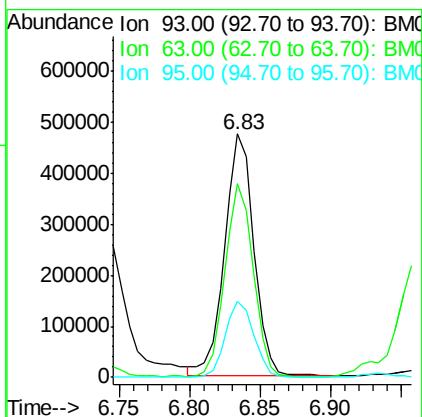
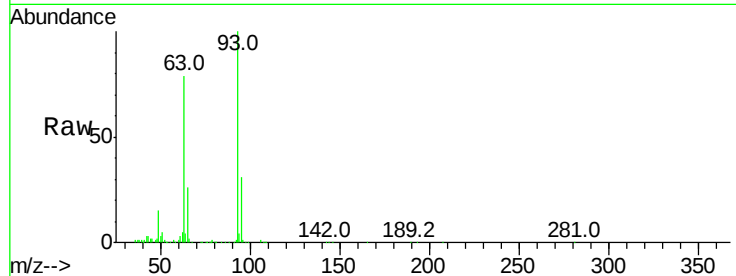
#11
bis(2-Chloroethyl)ether
Concen: 41.886 ng
RT: 6.83 min Scan# 688
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	688658		
63	79.3	49.5	89.5	
95	31.4	13.5	53.5	

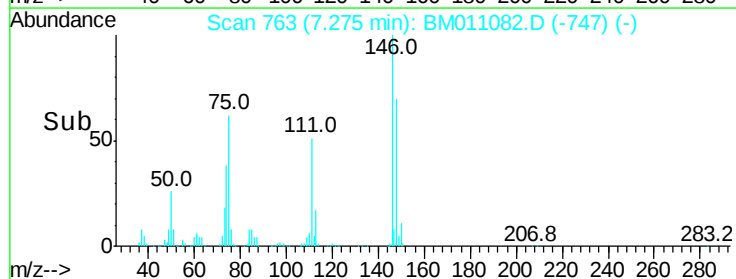
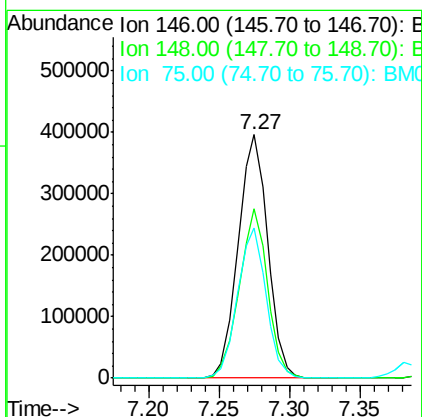
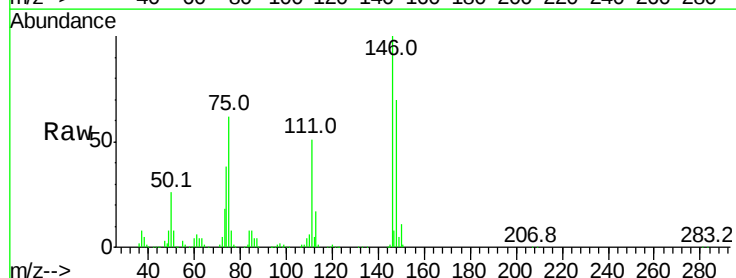
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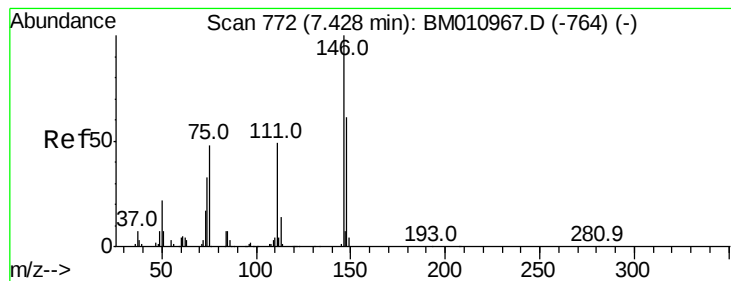
Sohil
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#12
1,3-Dichlorobenzene
Concen: 34.195 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	578526		
148	69.7	50.9	76.3	
75	61.9	21.4	32.2#	





#13

1,4-Dichlorobenzene

Concen: 35.082 ng

RT: 7.42 min Scan# 788

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Instrument :

BNA_M

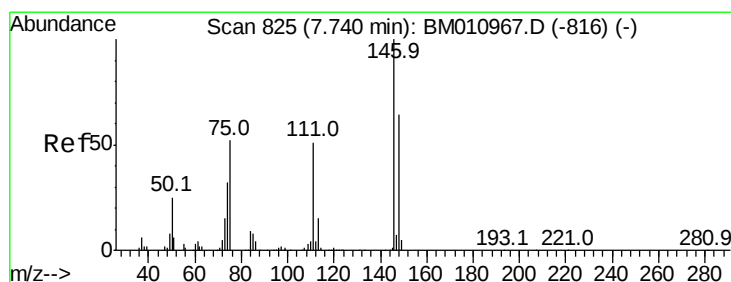
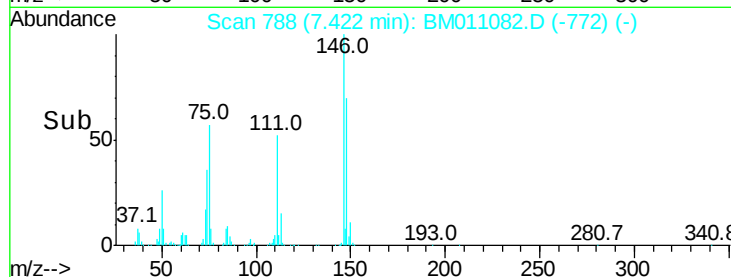
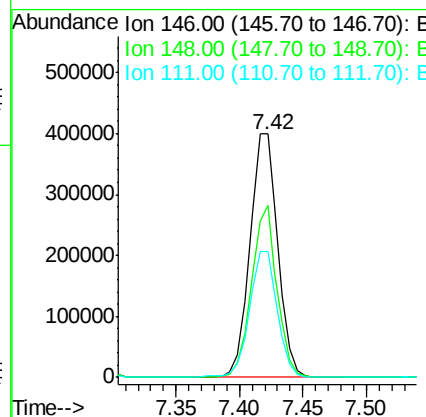
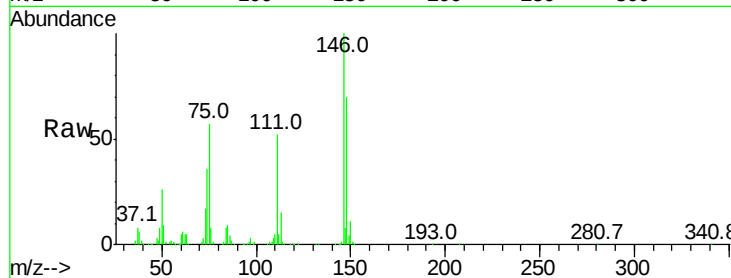
ClientSampleId :

TP-8-LENOX-AVEMSD

Tot Ion:	146	Resp:	608372
Ion Ratio	Lower	Upper	
146	100		
148	70.5	51.9	77.9
111	51.5	29.2	43.8#

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#14

1,2-Dichlorobenzene

Concen: 34.659 ng

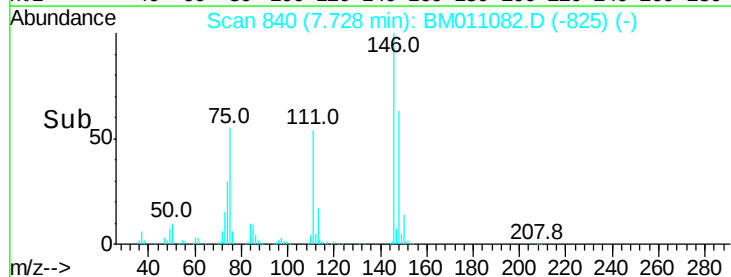
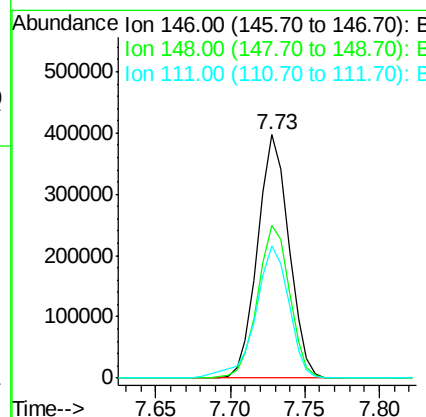
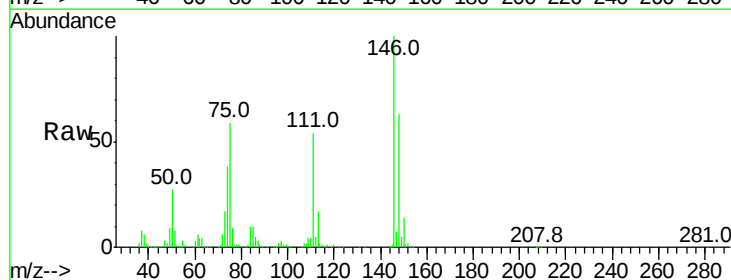
RT: 7.73 min Scan# 840

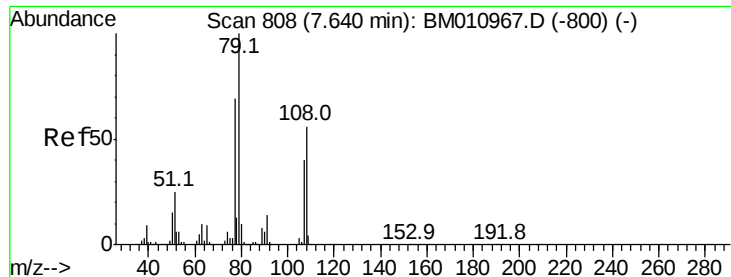
Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Tgt Ion:	146	Resp:	574673
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.3	78.5
111	54.3	30.6	45.8#





#15

Benzyl Alcohol

Concen: 44.593 ng

RT: 7.63 min Scan# 824

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMSD

Tot Ion: 79 Resp: 831075

Ion Ratio Lower Upper

79 100

108 54.2 65.0 97.4#

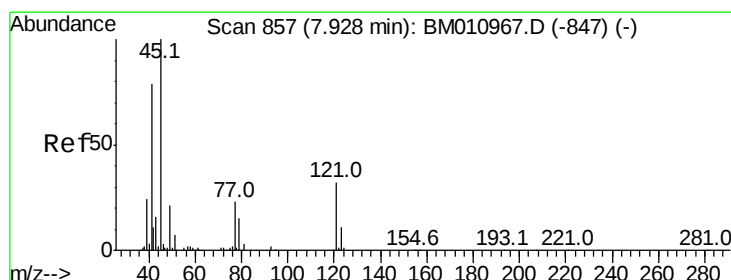
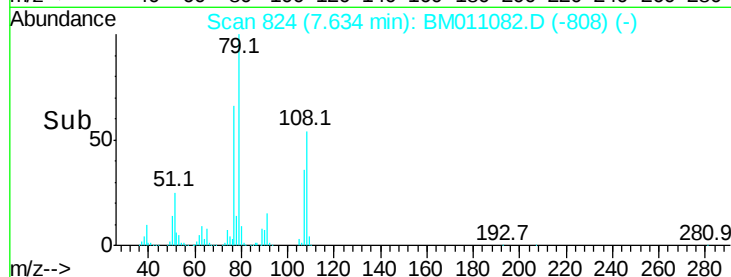
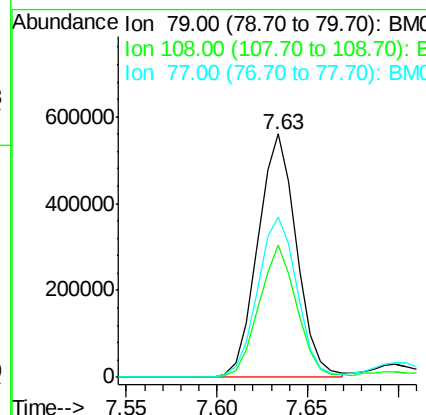
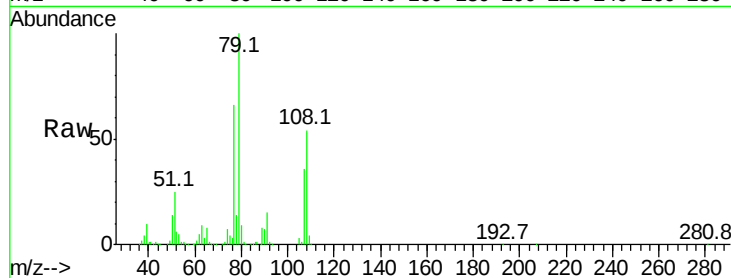
77 66.0 53.0 79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.906 ng

RT: 7.92 min Scan# 873

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

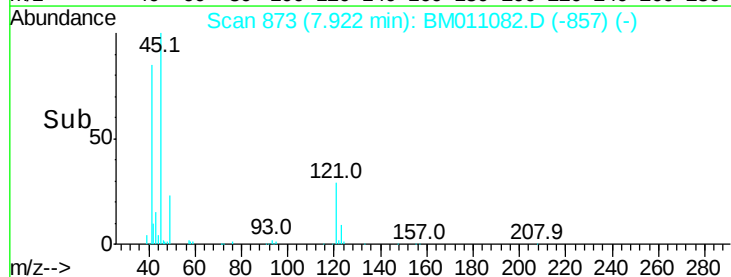
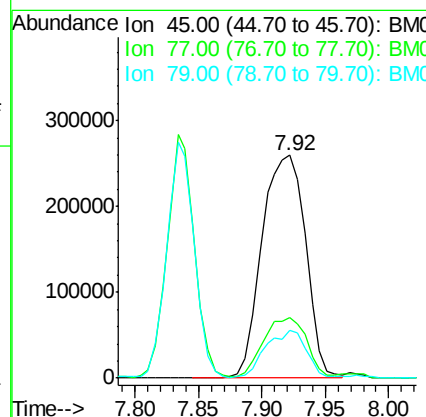
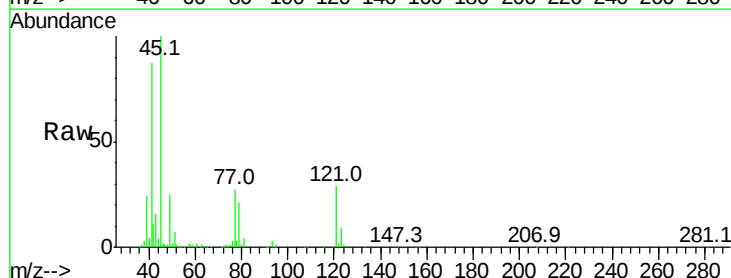
Tgt Ion: 45 Resp: 619995

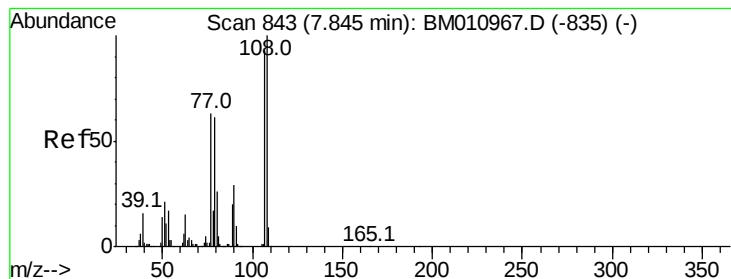
Ion Ratio Lower Upper

45 100

77 27.2 0.0 35.2

79 21.3 0.0 32.0





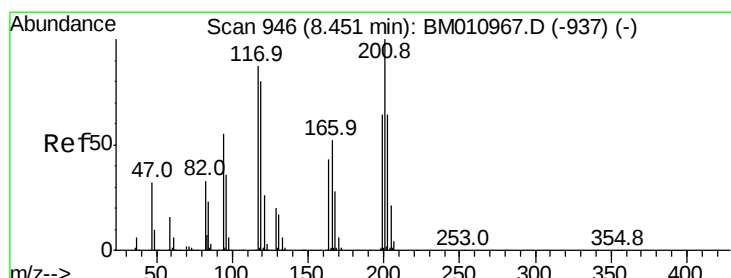
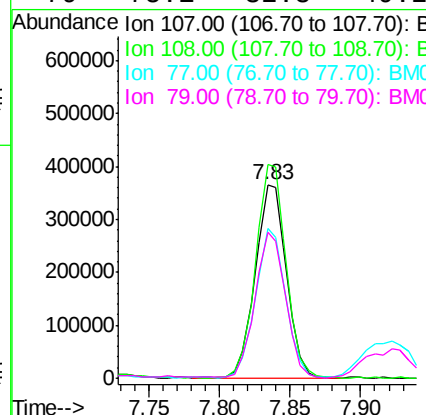
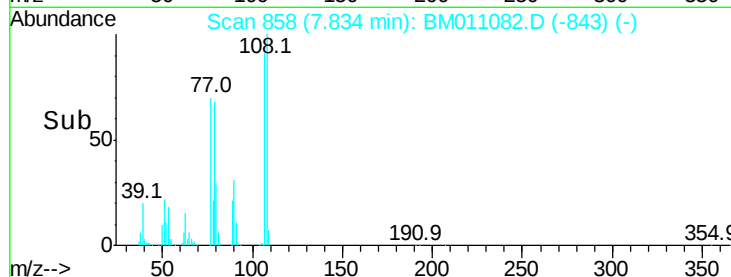
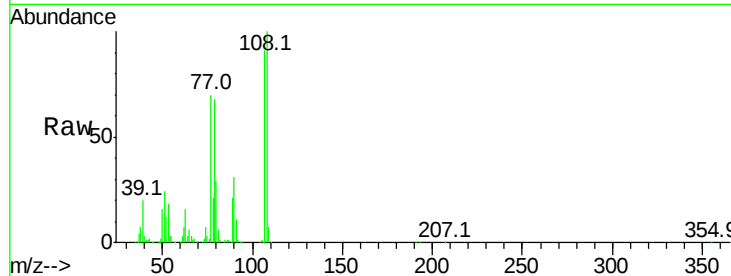
#17
2-Methylphenol
Concen: 41.918 ng
RT: 7.83 min Scan# 858
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.2	89.8	134.8	
77	77.5	32.6	48.8#	
79	75.1	32.8	49.2#	

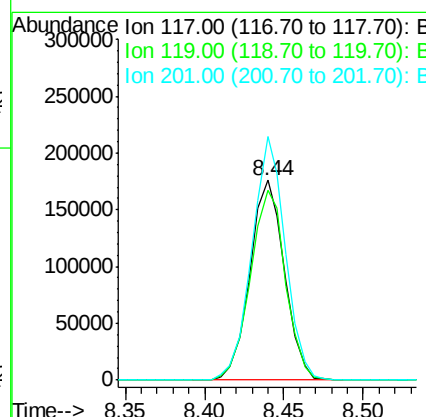
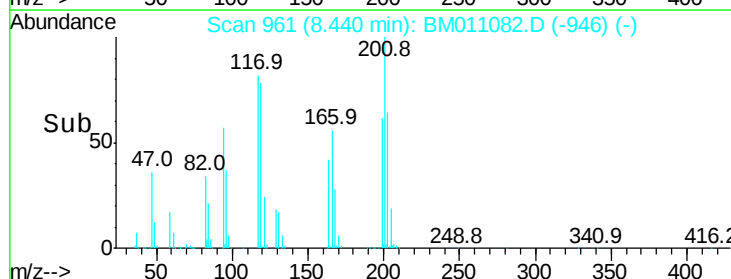
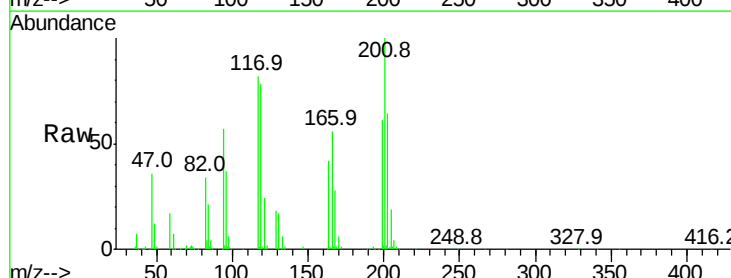
Manual Integrations
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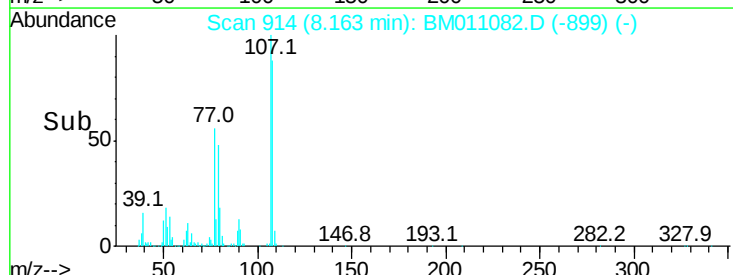
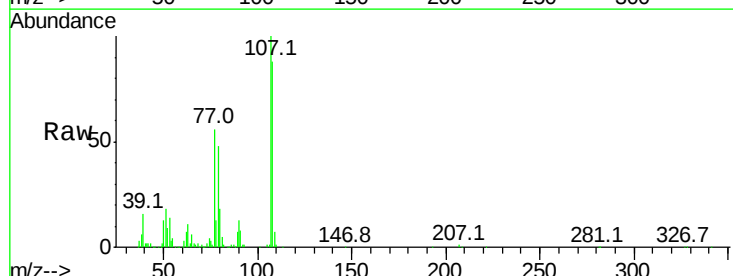
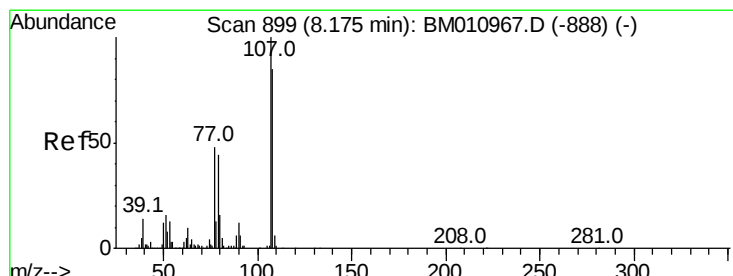
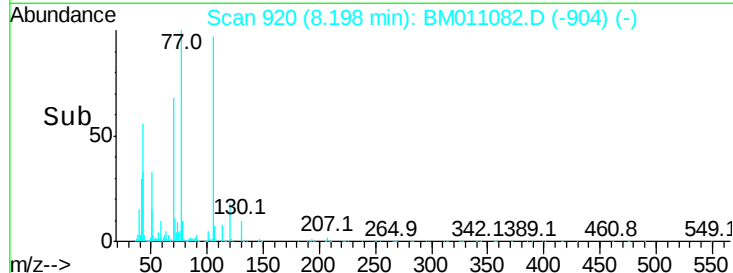
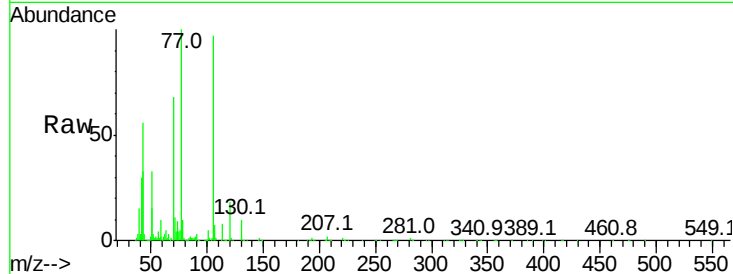
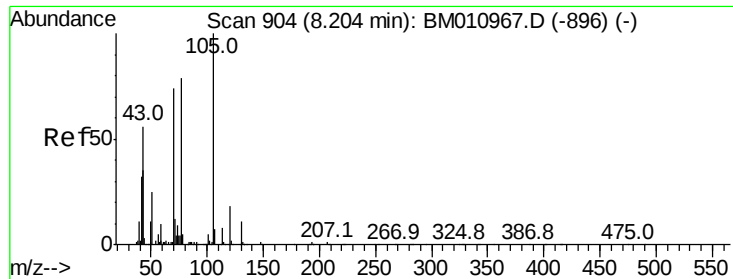
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#18
Hexachloroethane
Concen: 35.066 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	79.2	118.8	
201	122.0	69.8	104.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 43.733 ng

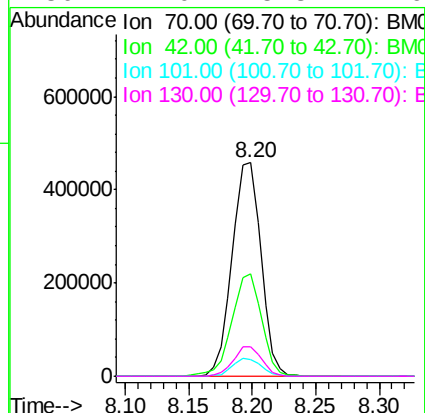
RT: 8.20 min Scan# 920

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.1	44.5	66.7
101	8.0	7.4	11.2
130	14.0	15.3	22.9#



Instrument : BNA_M

ClientSampleId : TP-8-LENOX-AVEMSD

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#20

3+4-Methylphenols

Concen: 40.725 ng

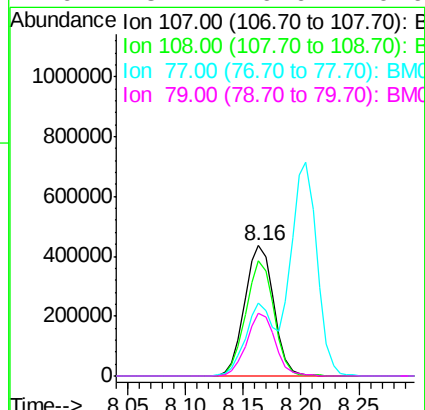
RT: 8.16 min Scan# 914

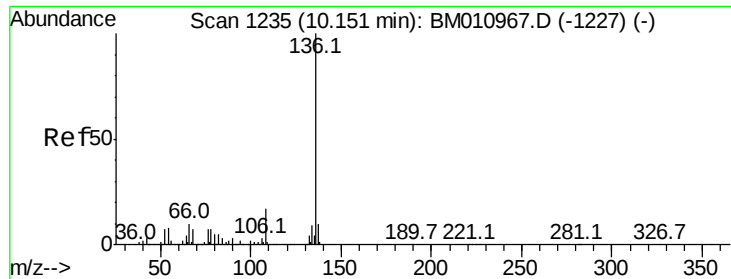
Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	73.2	113.2
77	56.1	10.7	50.7#
79	48.1	9.6	49.6





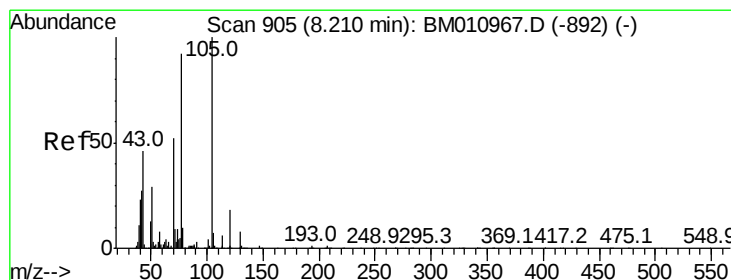
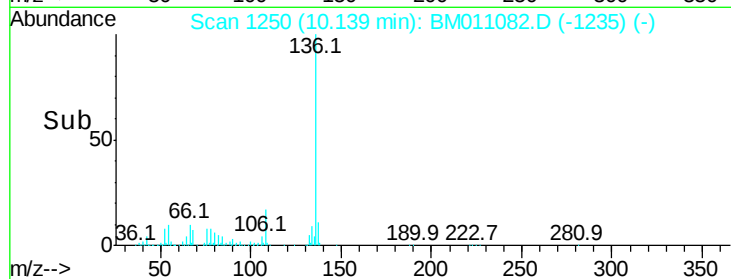
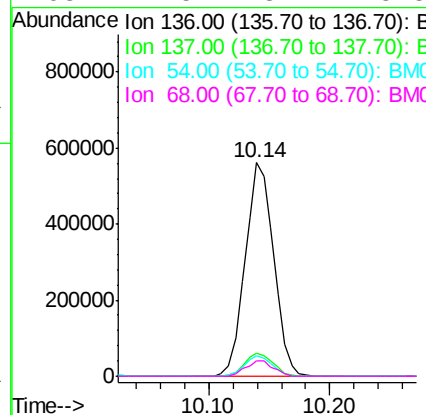
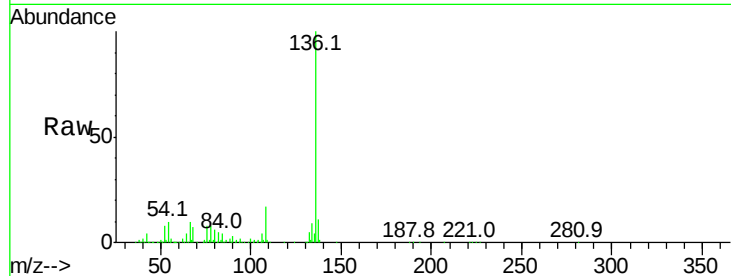
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.7	13.1	
54	9.8	4.6	6.8#	
68	7.5	3.7	5.5#	

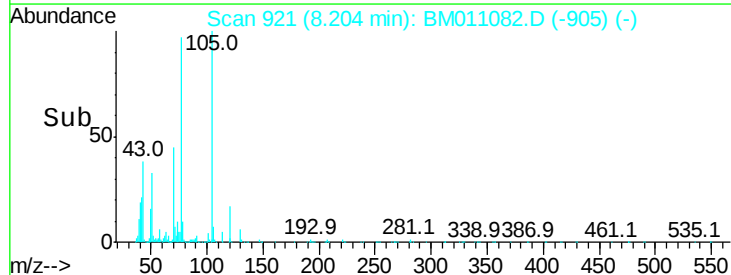
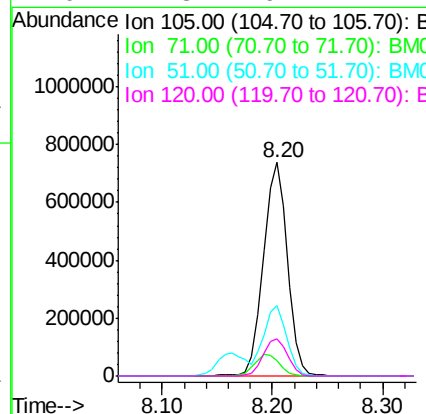
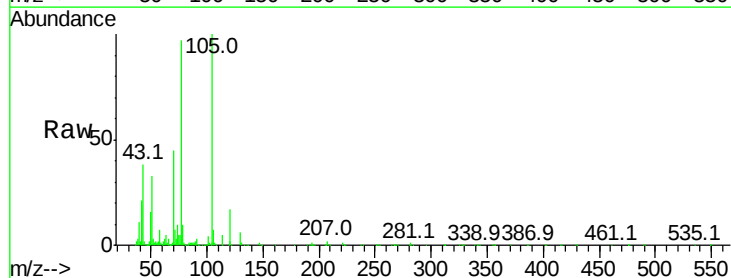
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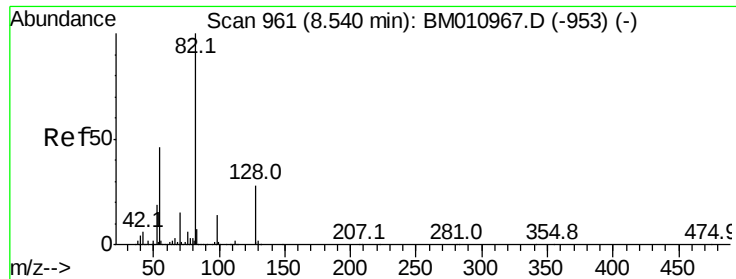
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#22
Acetophenone
Concen: 40.840 ng
RT: 8.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	0.6	1.0#	
51	32.8	21.6	32.4#	
120	17.3	16.1	24.1	





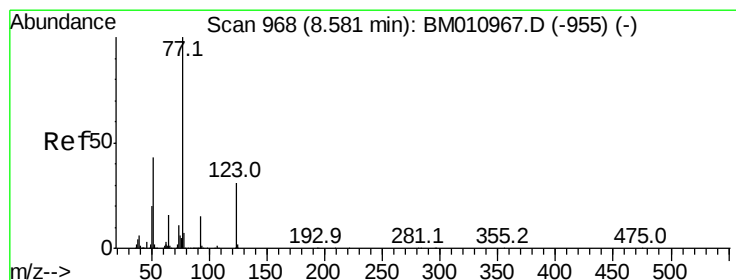
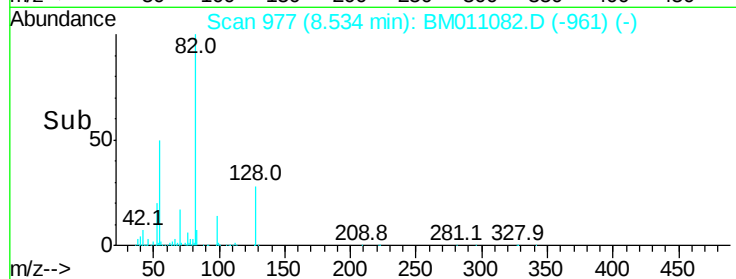
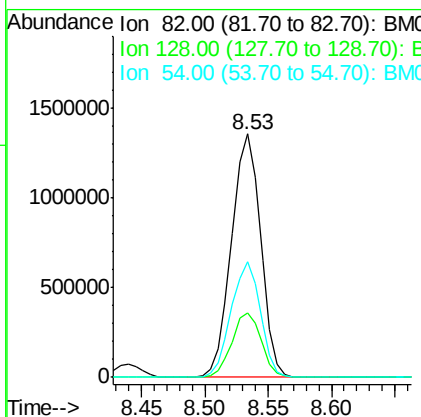
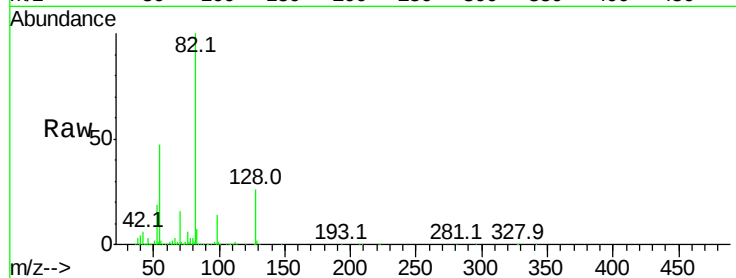
#23
 Nitrobenzene-d5
 Concen: 88.148 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMSD

Tot Ion: 82 Resp: 2164950
 Ion Ratio Lower Upper
 82 100
 128 26.4 32.8 49.2#
 54 47.3 40.6 60.8

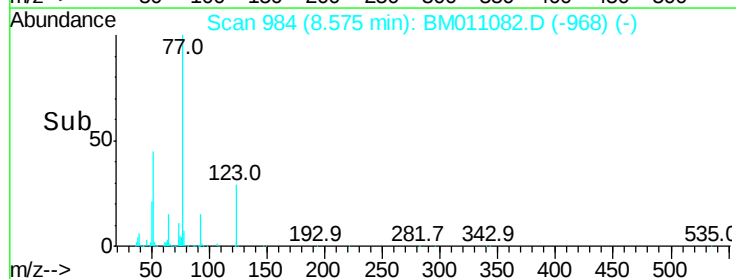
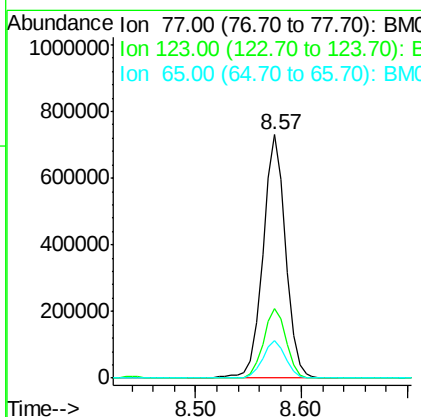
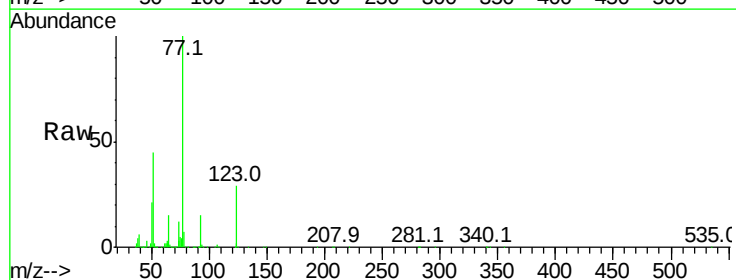
Manual Integrations
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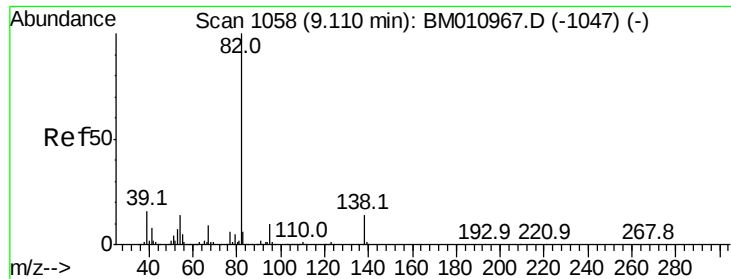
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#24
 Nitrobenzene
 Concen: 42.567 ng
 RT: 8.57 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Tgt Ion: 77 Resp: 1083353
 Ion Ratio Lower Upper
 77 100
 123 28.7 32.6 49.0#
 65 15.3 10.9 16.3





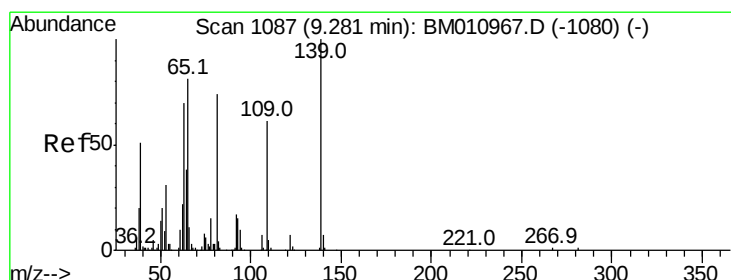
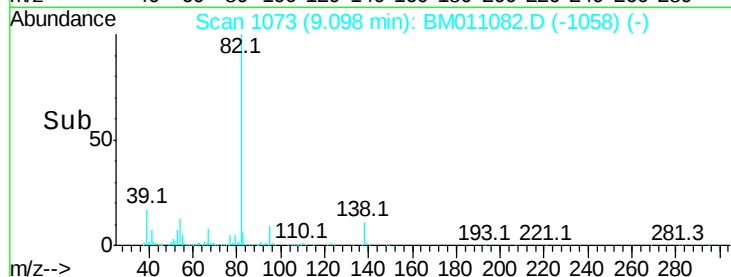
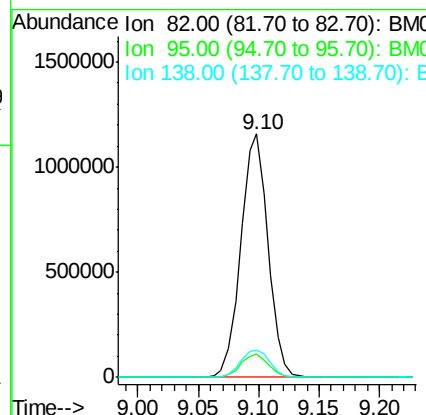
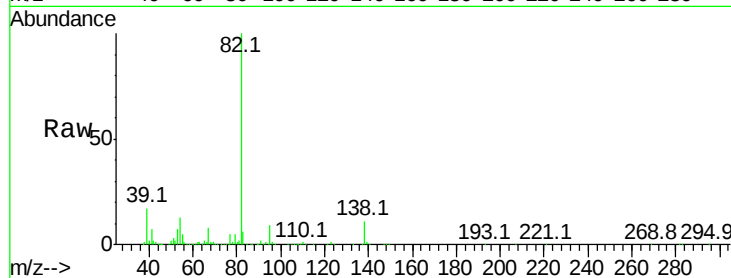
#25
Isophorone
Concen: 44.377 ng
RT: 9.10 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	9.4	5.8	8.6#
138	11.2	16.3	24.5#

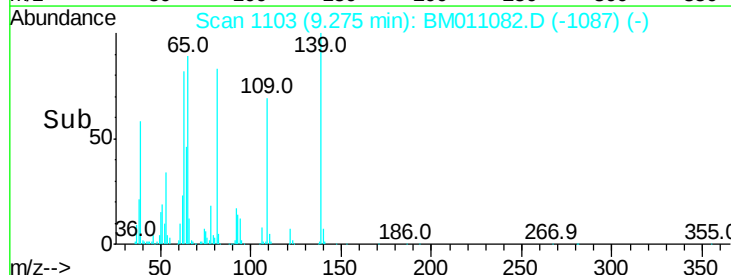
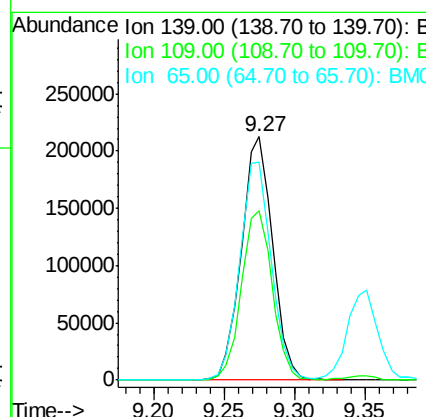
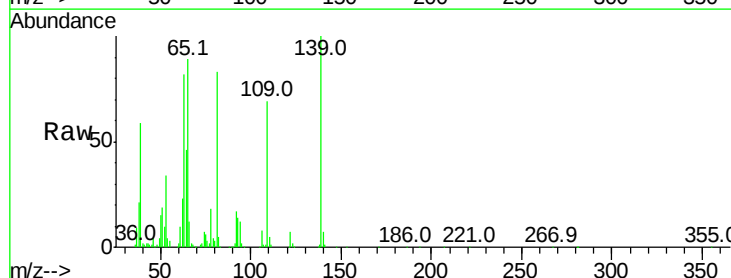
Manual Integrations
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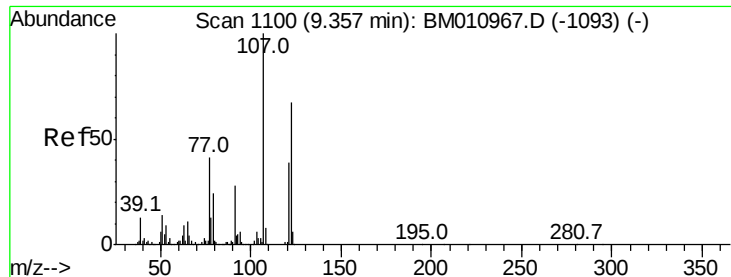
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#26
2-Nitrophenol
Concen: 40.652 ng
RT: 9.27 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.3	20.1	30.1#
65	89.5	31.5	47.3#





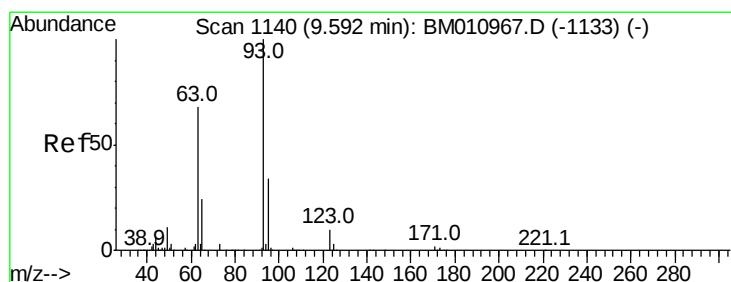
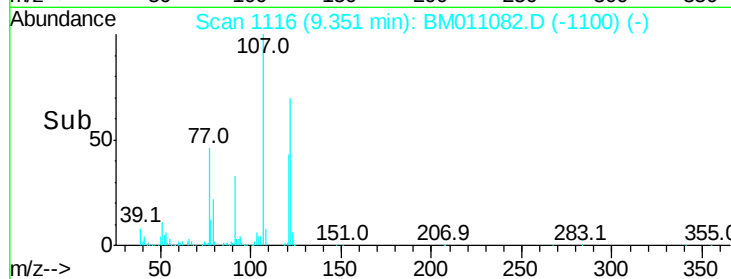
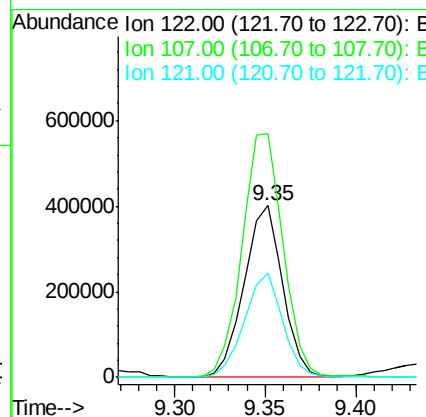
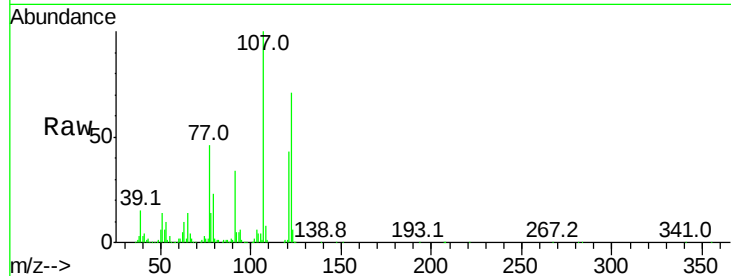
#27
2,4-Dimethylphenol
Concen: 41.879 ng
RT: 9.35 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	141.6	84.7	127.1#
121	60.2	46.6	69.8

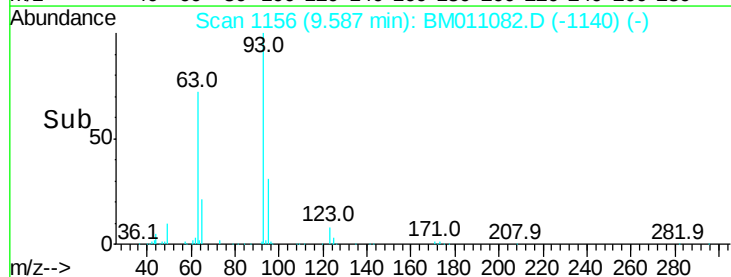
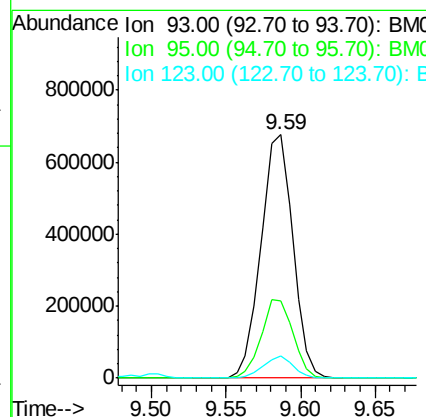
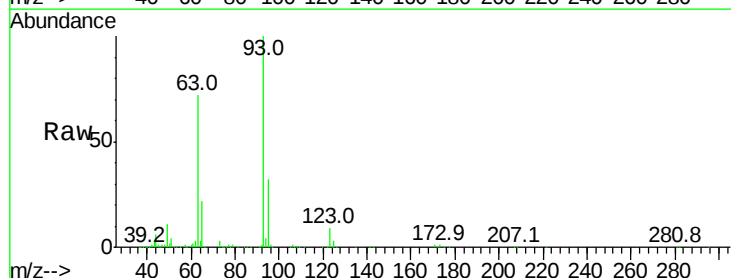
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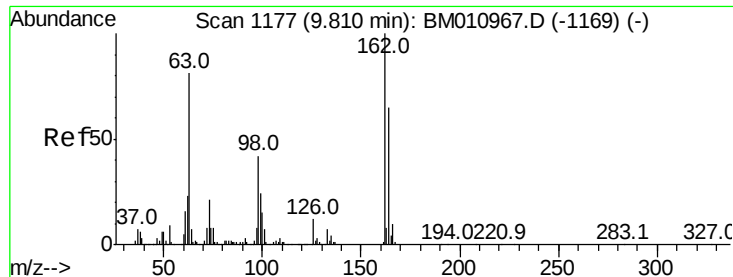
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.736 ng
RT: 9.59 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.5	38.3
123	9.3	8.6	13.0





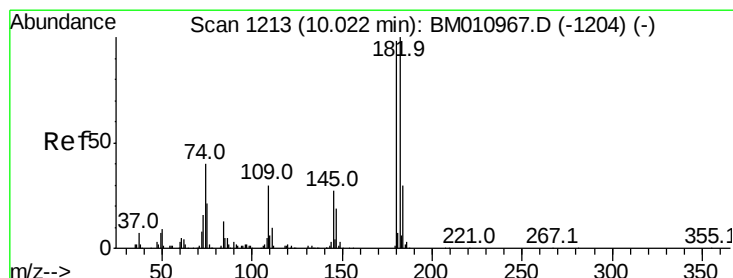
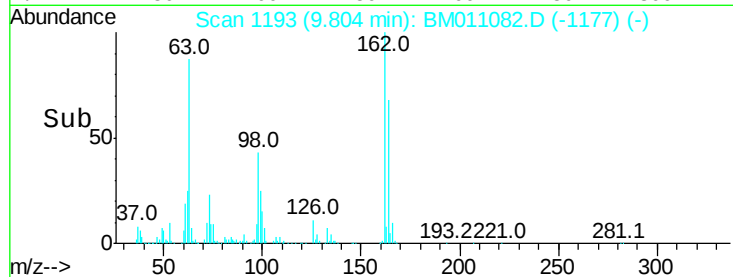
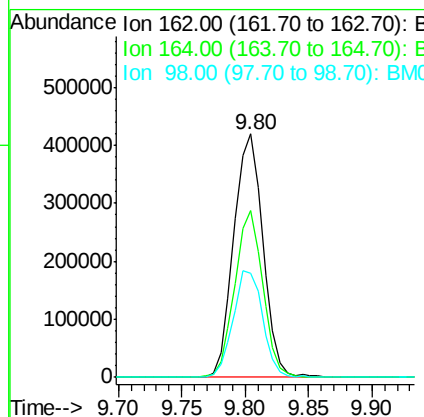
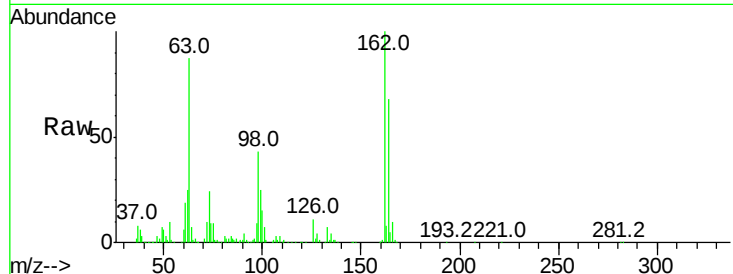
#29
2,4-Dichlorophenol
Concen: 41.774 ng
RT: 9.80 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	68.3	42.8	82.8
98	42.8	14.5	54.5

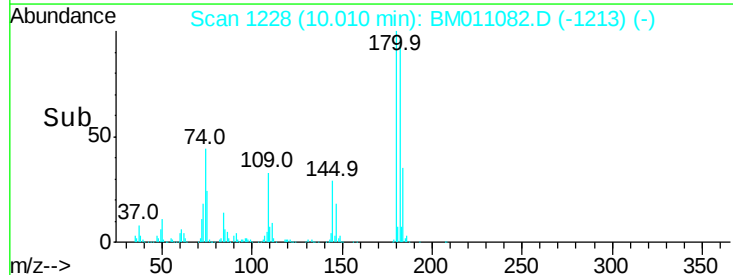
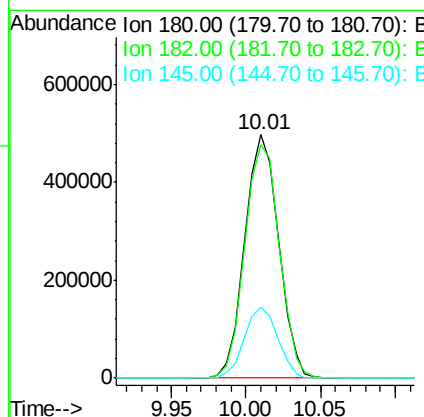
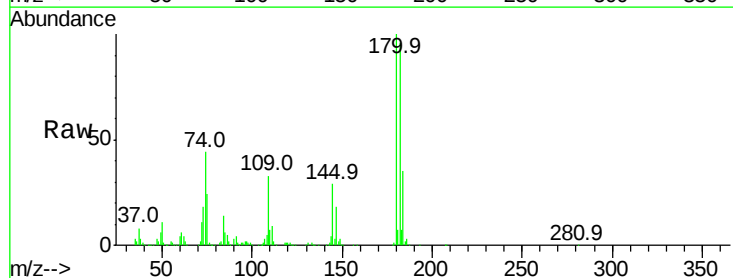
Manual Integrations
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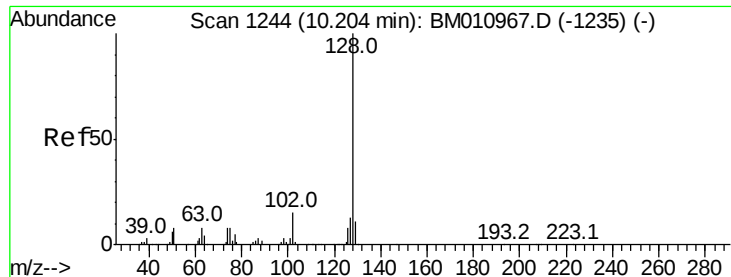
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#30
1,2,4-Trichlorobenzene
Concen: 39.473 ng
RT: 10.01 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	77.6	116.4
145	29.0	23.4	35.2





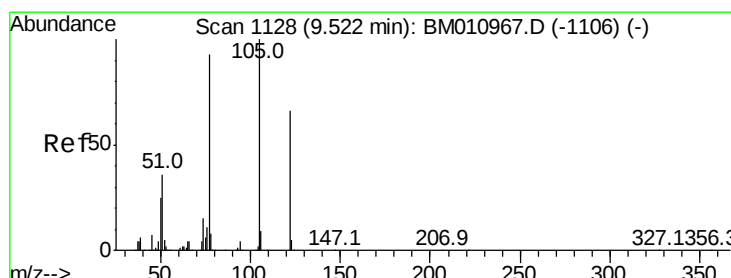
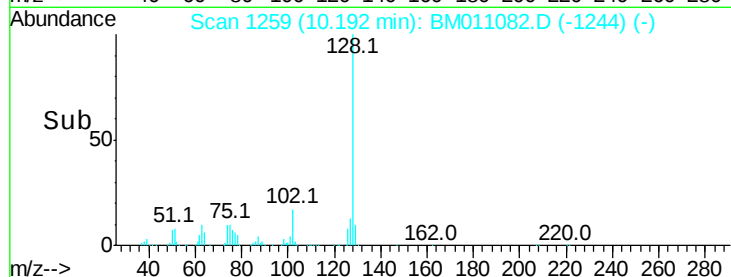
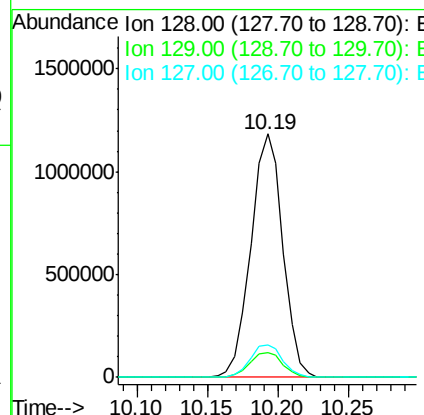
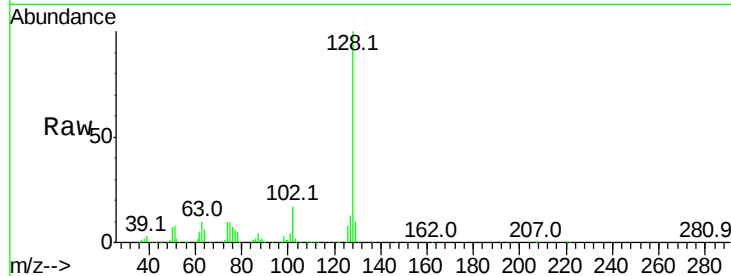
#31
Naphthalene
Concen: 40.457 ng
RT: 10.19 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.9	13.3
127	13.2	10.4	15.6

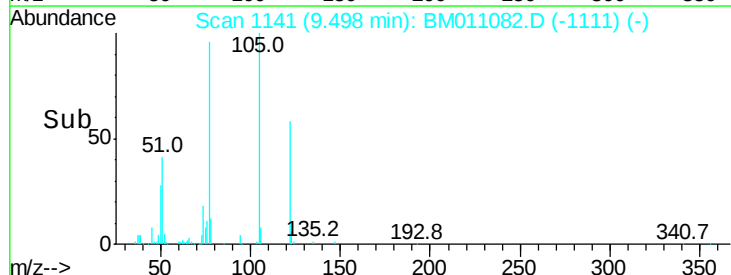
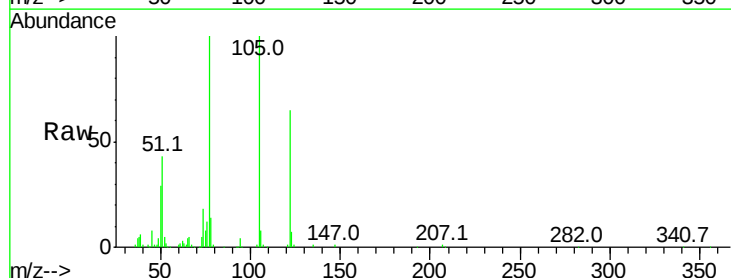
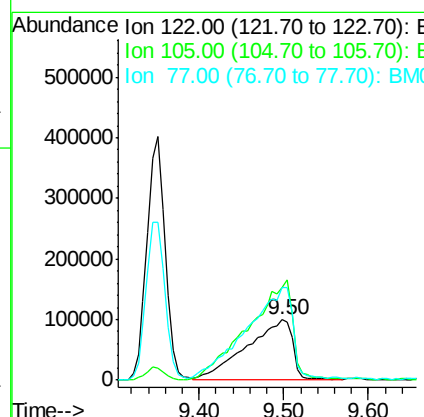
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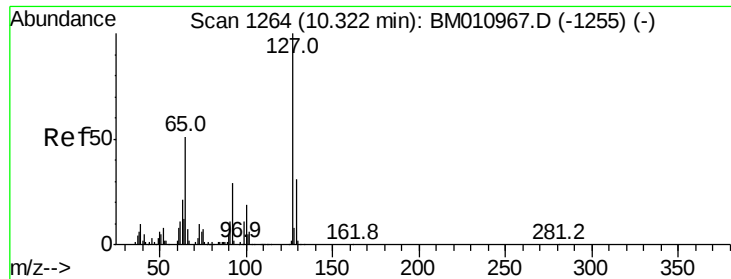
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#32
Benzoic acid
Concen: 31.999 ng
RT: 9.50 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	154.2	99.9	139.9#
77	154.2	73.7	113.7#





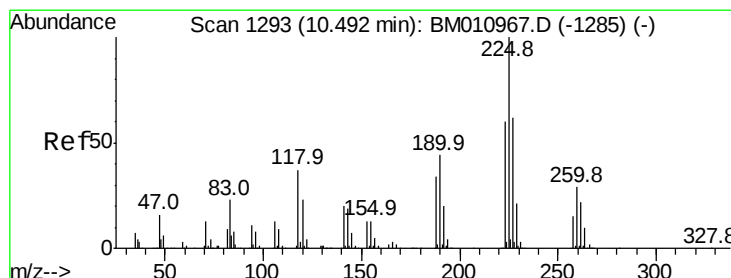
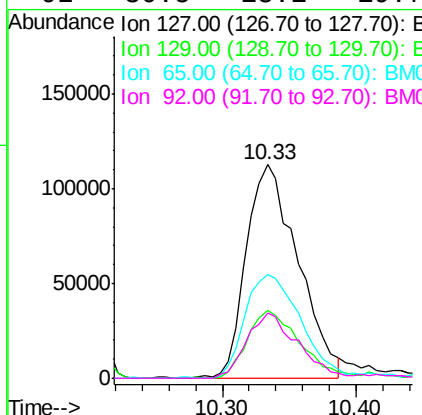
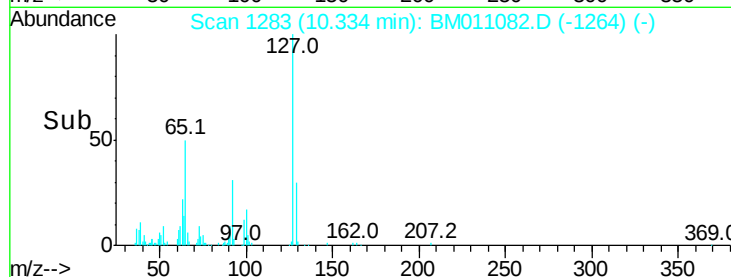
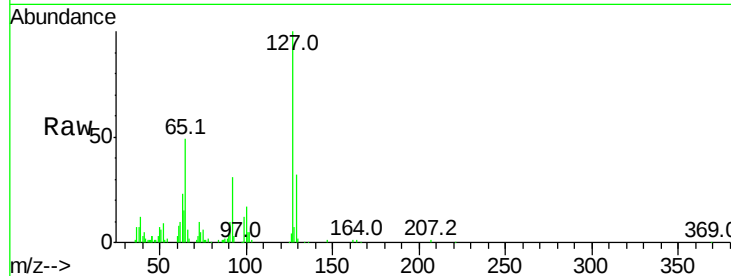
#33
4-Chloroaniline
Concen: 16.377 ng
RT: 10.33 min Scan# 1283
Delta R.T. 0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	25.3	37.9	
65	48.7	17.6	26.4	
92	30.5	13.1	19.7	

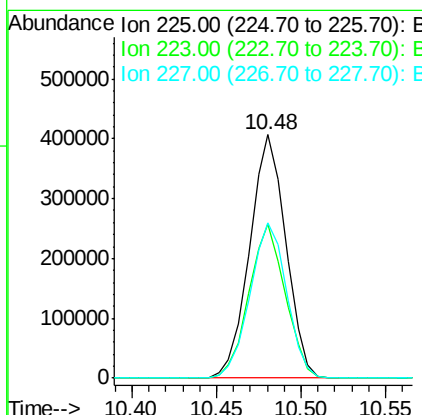
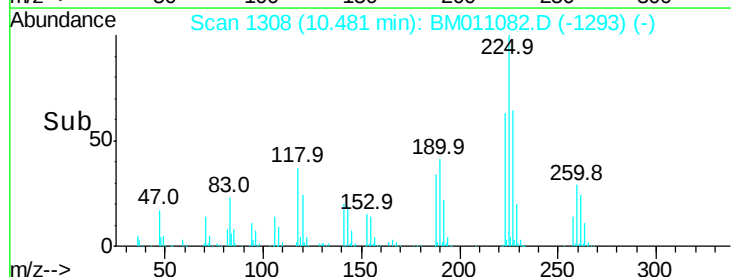
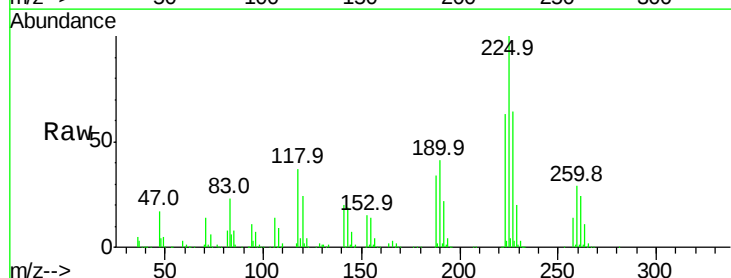
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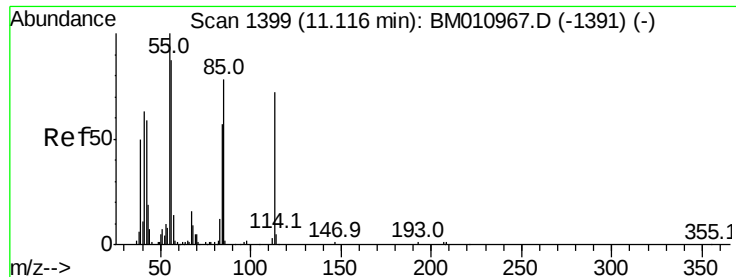
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#34
Hexachlorobutadiene
Concen: 38.868 ng
RT: 10.48 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	47.9	71.9	
227	63.9	50.1	75.1	





#35

Caprolactam

Concen: 29.780 ng/mL

RT: 11.11 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Instrument :

BNA_M

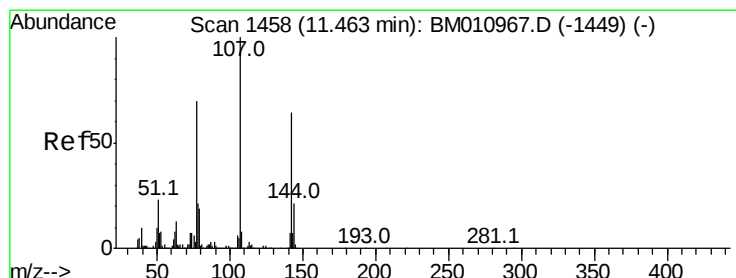
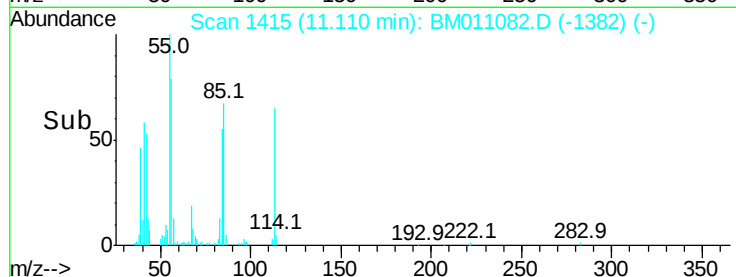
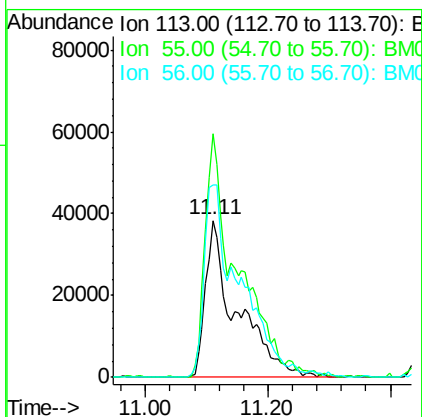
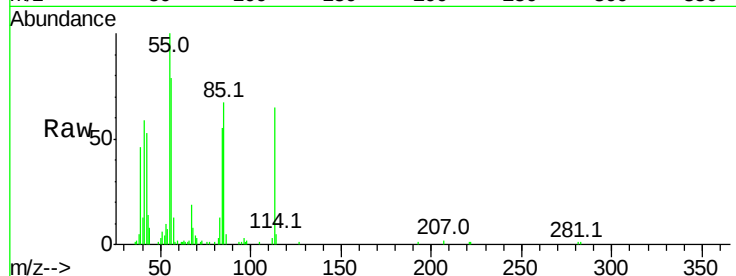
ClientSampleId :

TP-8-LENOX-AVEMSD

Tot Ion:	113	Resp:	135283
Ion Ratio	Lower	Upper	
113	100		
55	155.0	145.9	185.9
56	122.2	101.0	141.0

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#36

4-Chloro-3-methylphenol

Concen: 40.159 ng/mL

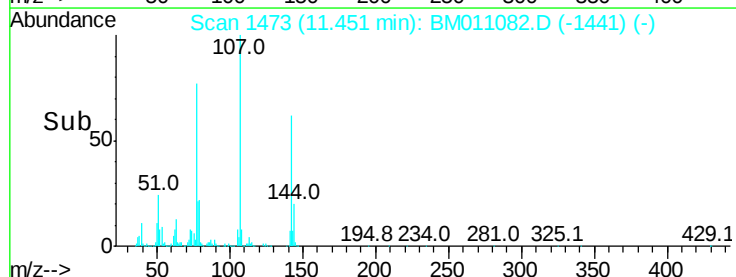
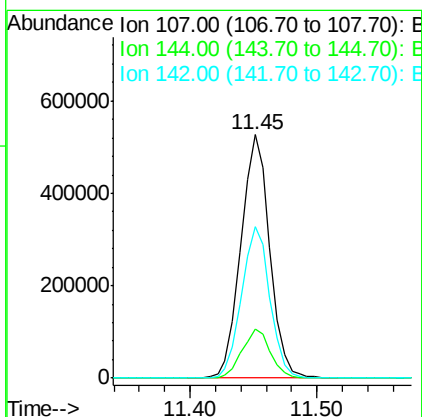
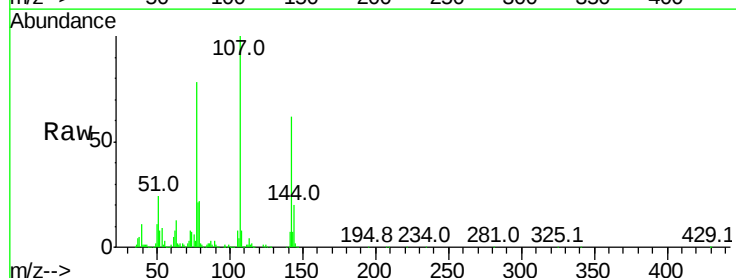
RT: 11.45 min Scan# 1473

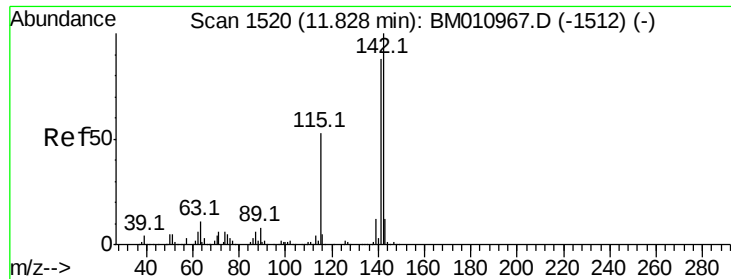
Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Tgt Ion:	107	Resp:	830671
Ion Ratio	Lower	Upper	
107	100		
144	20.4	23.3	34.9#
142	62.3	72.6	109.0#





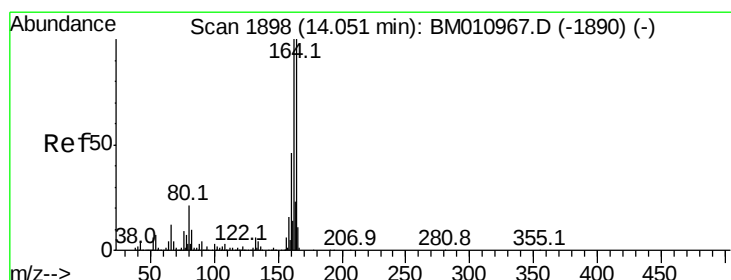
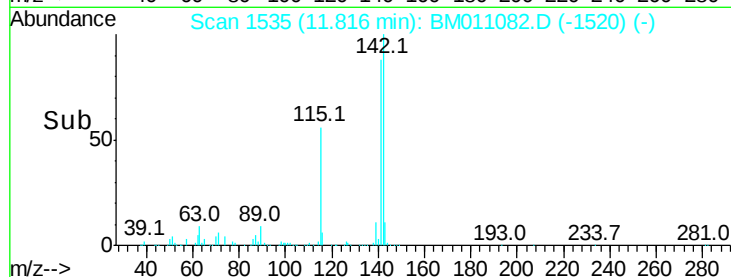
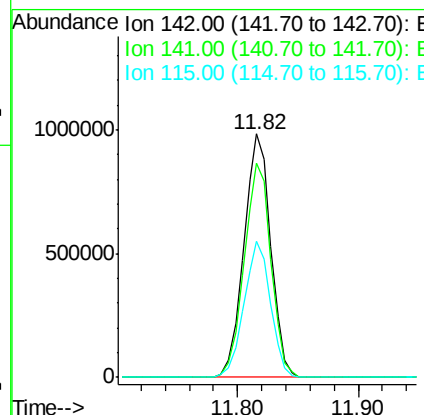
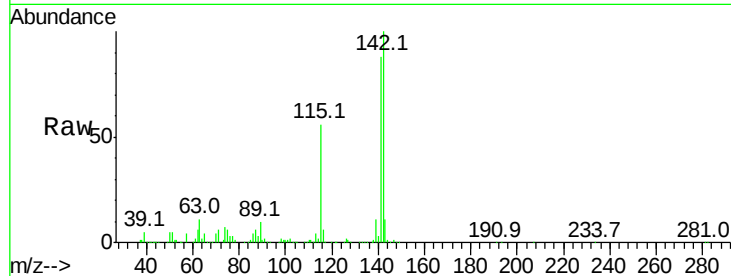
#37
2-Methylnaphthalene
Concen: 44.731 ng
RT: 11.82 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.9	107.9
115	56.0	25.4	38.0

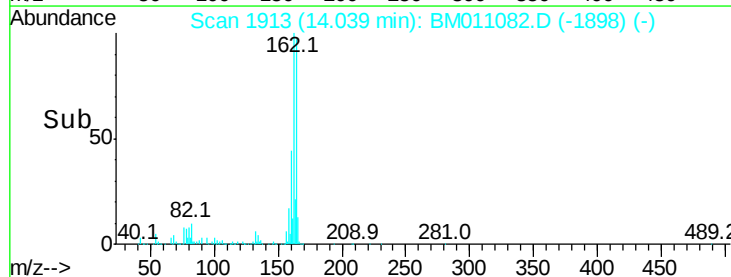
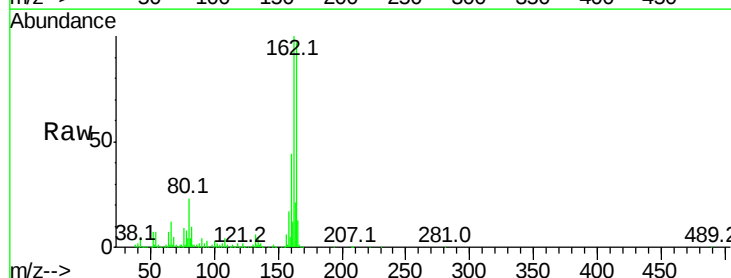
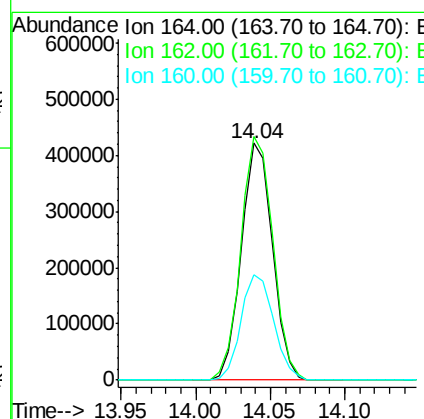
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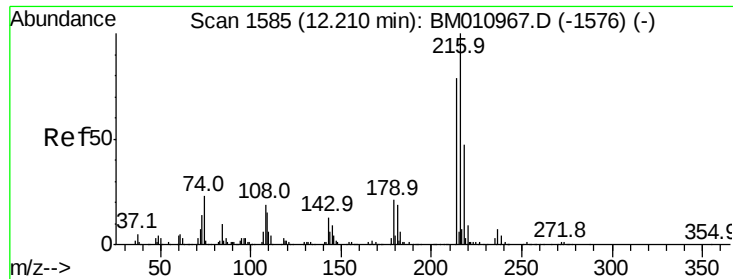
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.04 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.4	123.6
160	44.7	35.8	53.6





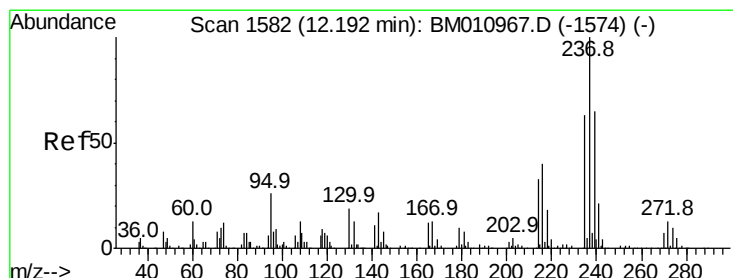
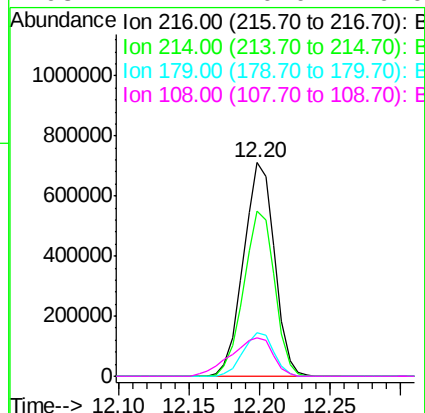
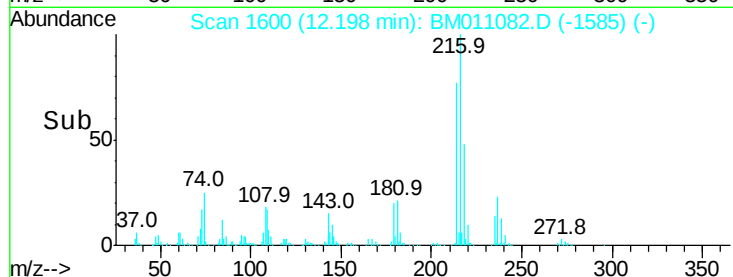
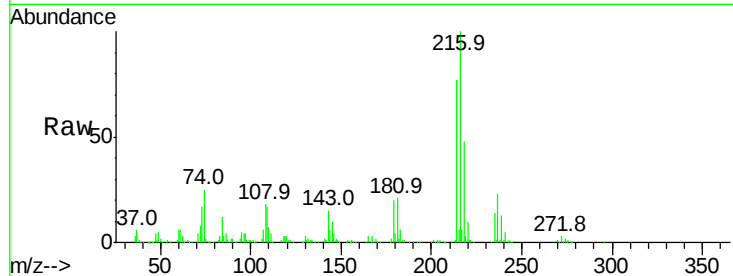
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.660 ng
 RT: 12.20 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	77.0	0.0	0.0#
179	20.3	0.0	0.0#
108	24.4	0.0	0.0#

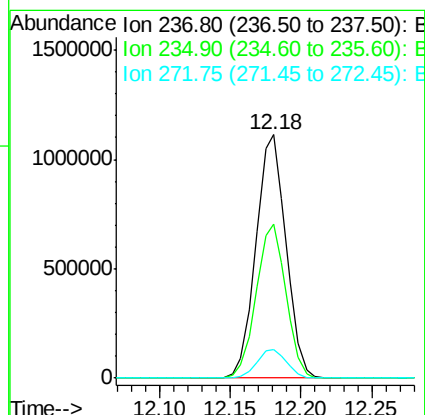
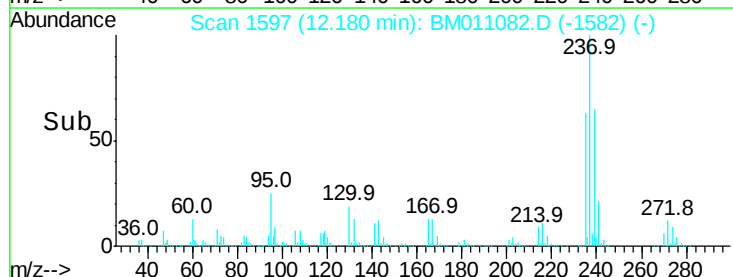
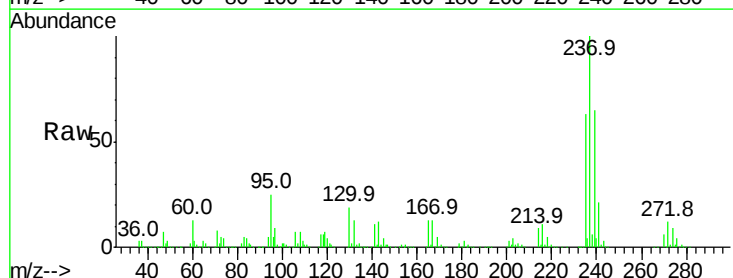
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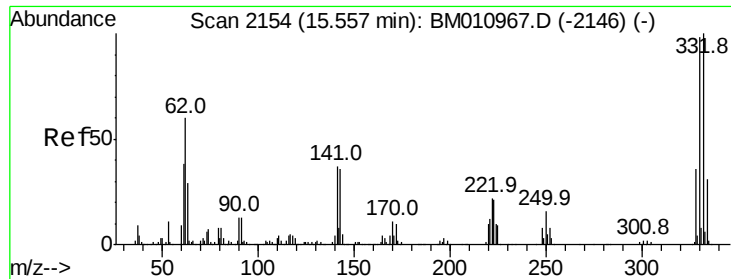
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#40
 Hexachlorocyclopentadiene
 Concen: 108.621 ng
 RT: 12.18 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.0	82.0
272	11.6	0.0	33.4





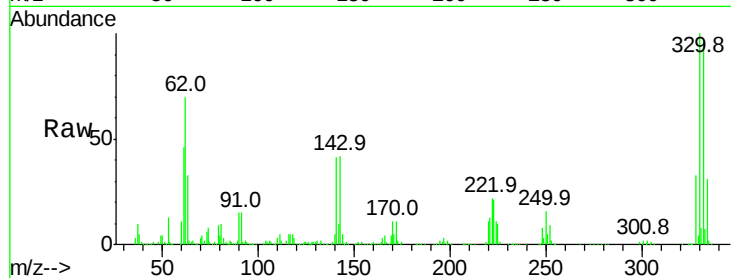
#41
 2,4,6-Tribromophenol
 Concen: 130.912 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMSD

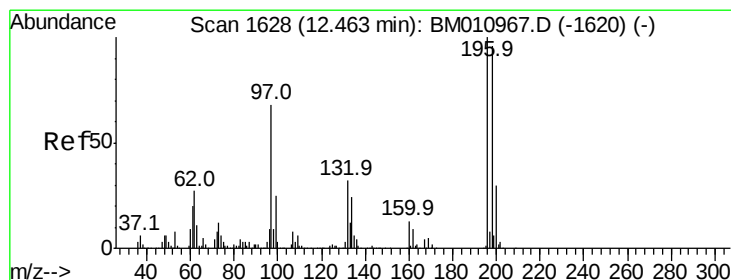
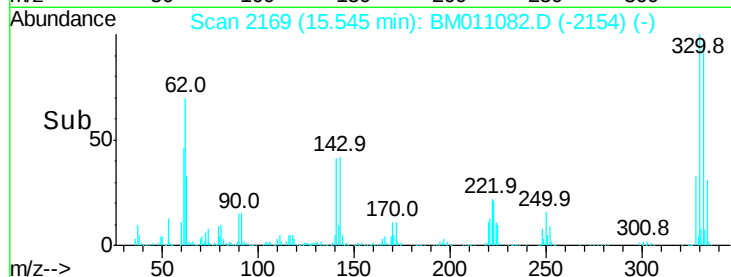
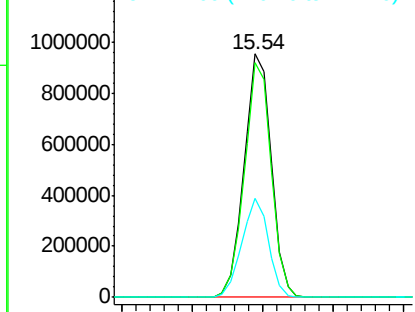
Tot Ion:330 Resp: 1284979
 Ion Ratio Lower Upper
 330 100
 332 95.3 0.0 0.0#
 141 40.0 0.0 0.0#

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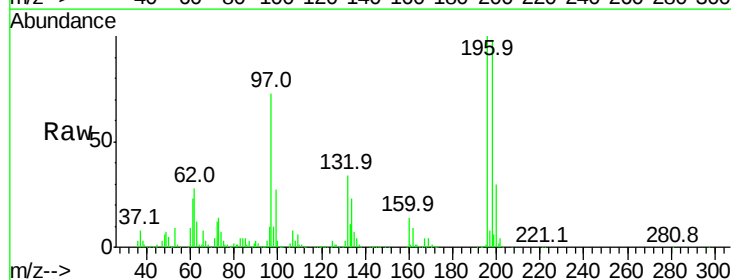


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

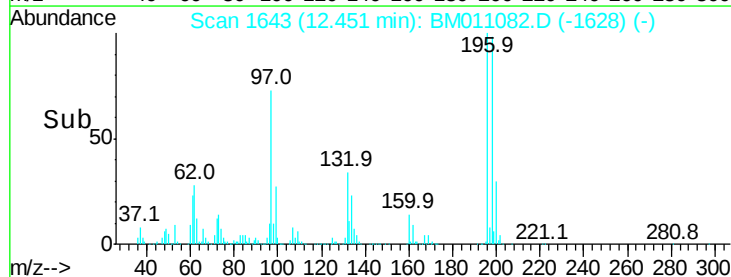
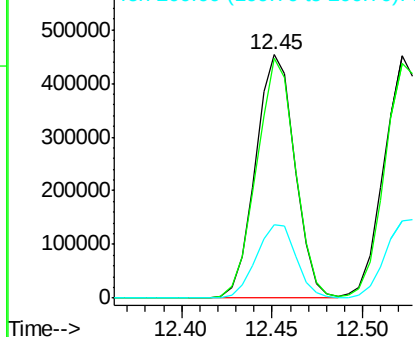


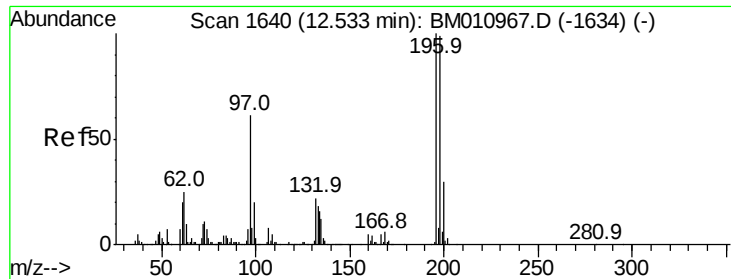
#42
 2,4,6-Trichlorophenol
 Concen: 42.784 ng
 RT: 12.45 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Tgt Ion:196 Resp: 681348
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.3 114.5
 200 29.9 25.6 38.4



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





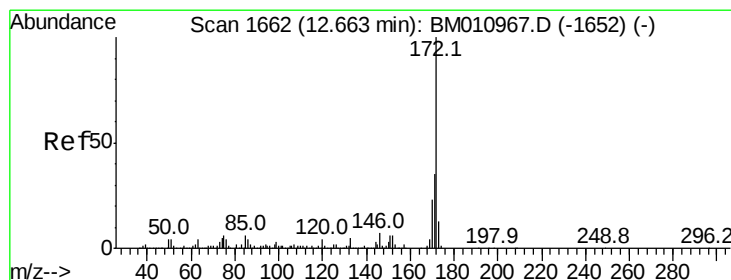
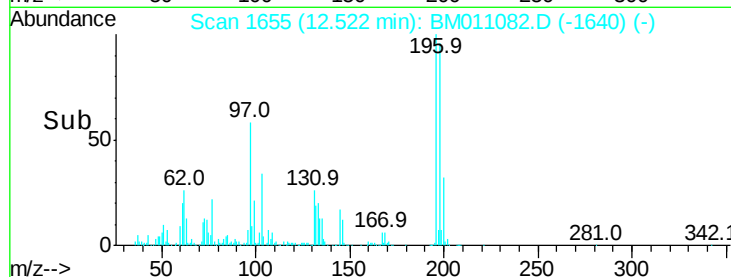
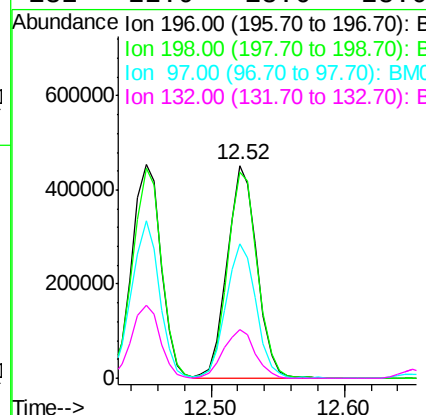
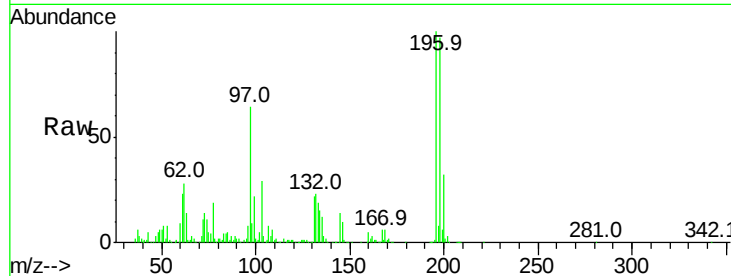
#43
2,4,5-Trichlorophenol
Concen: 43.100 ng
RT: 12.52 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	706924		
198	96.8	79.4	119.0	
97	63.5	26.8	40.2	
132	22.9	18.6	28.0	

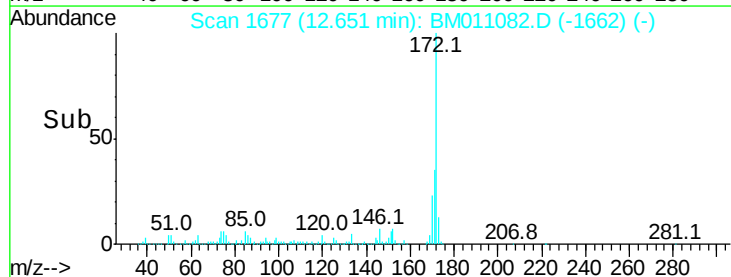
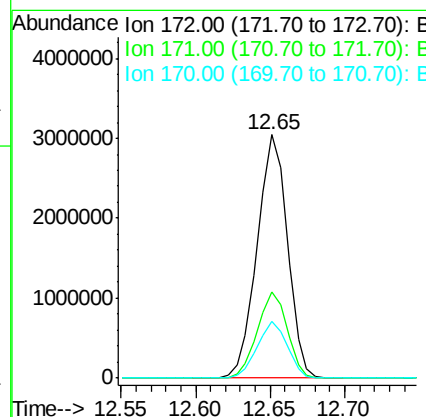
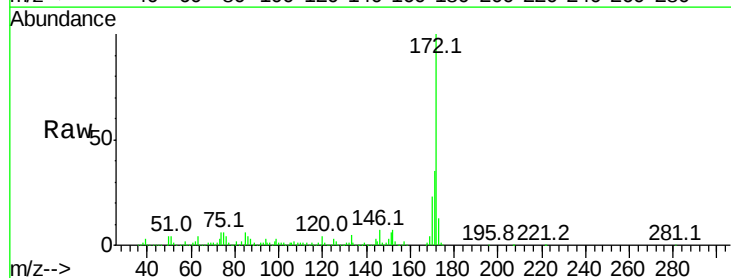
Manual Integrations
APPROVED

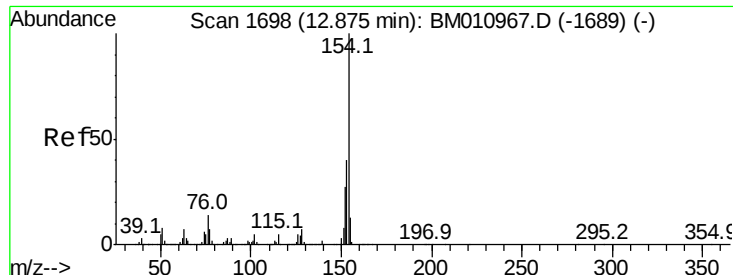
Sohil
8/2/2017 7:17:13 PM



#44
2-Fluorobiphenyl
Concen: 87.332 ng
RT: 12.65 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4264513		
171	35.3	28.5	42.7	
170	23.4	18.8	28.2	





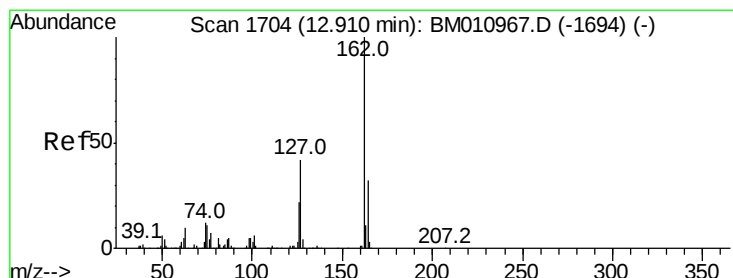
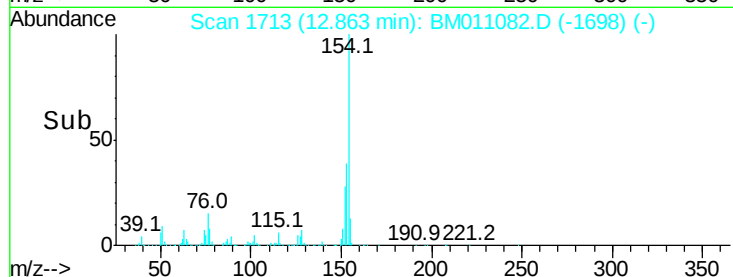
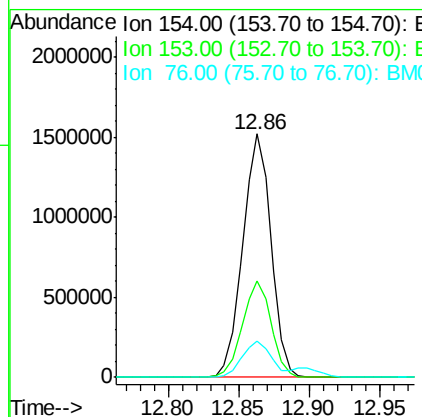
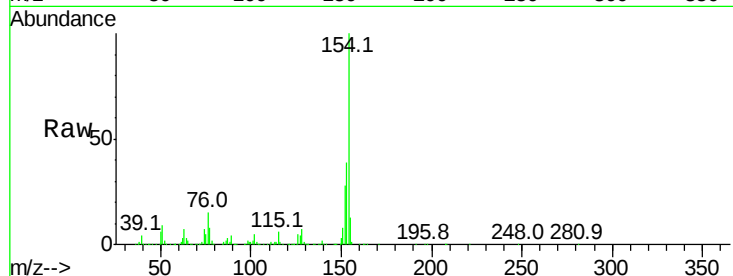
#45
1,1'-Biphenyl
Concen: 40.088 ng
RT: 12.86 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.7	60.7
76	14.9	0.0	30.9

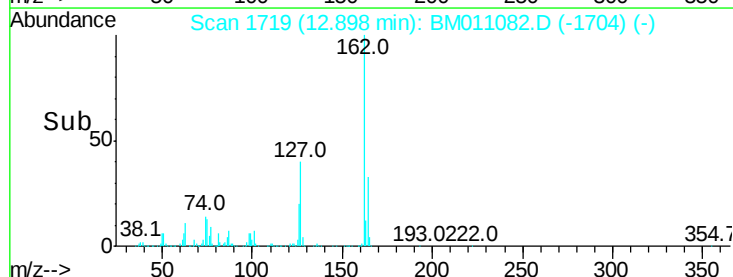
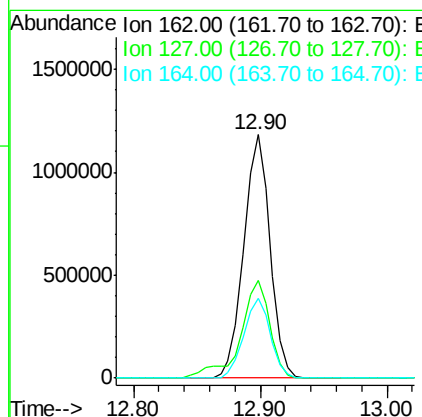
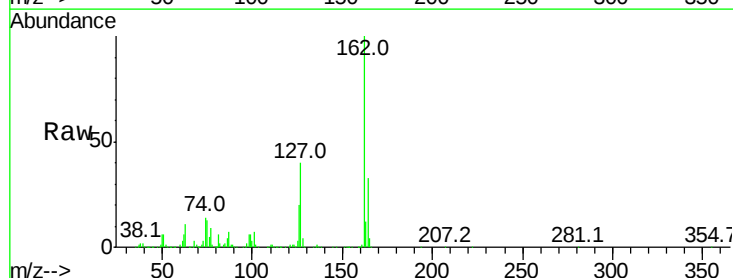
Manual Integrations
APPROVED

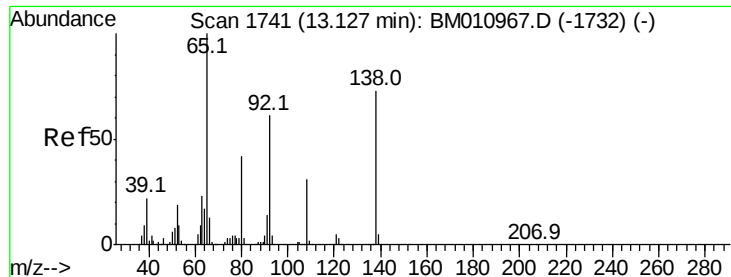
Sohil
8/2/2017 7:17:13 PM



#46
2-Chloronaphthalene
Concen: 43.512 ng
RT: 12.90 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	26.9	40.3
164	32.9	26.8	40.2





#47

2-Nitroaniline

Concen: 47.861 ng

RT: 13.12 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMSD

Tot Ion: 65 Resp: 660620

Ion Ratio Lower Upper

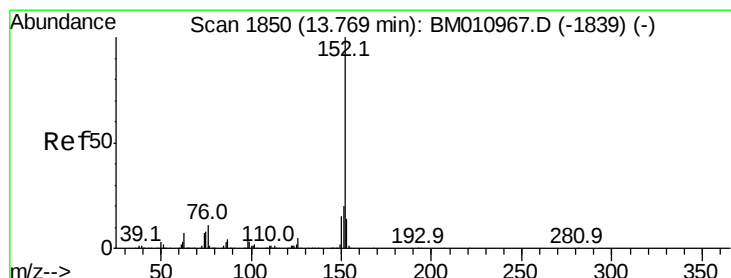
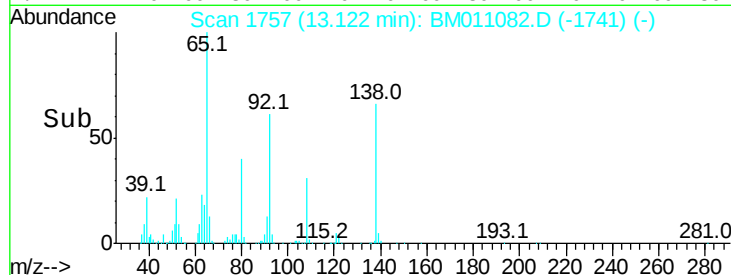
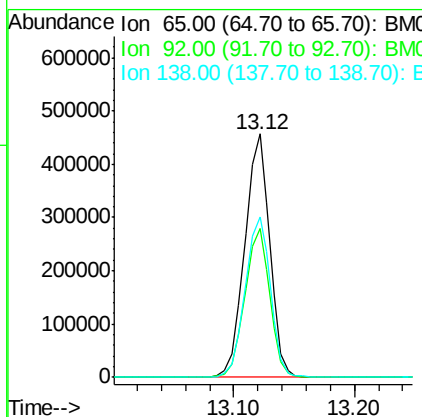
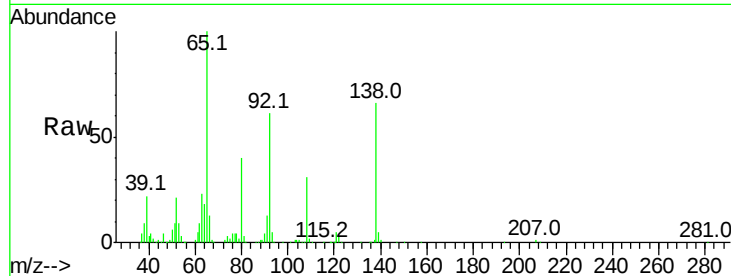
65 100

92 61.2 59.1 88.7

138 65.8 93.9 140.9#

Manual Integrations
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8/2/2017 7:17:13 PM



#48

Acenaphthylene

Concen: 42.966 ng

RT: 13.76 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

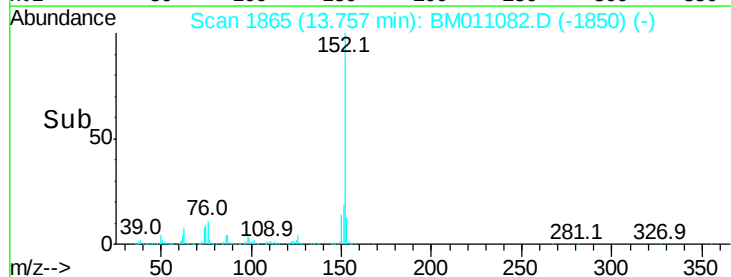
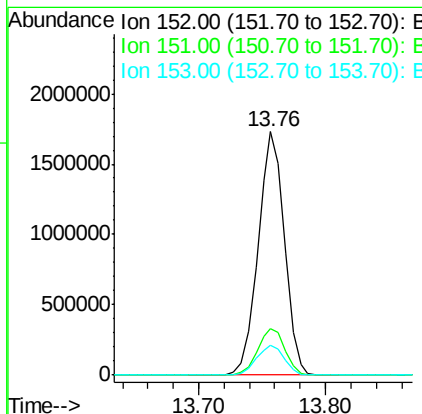
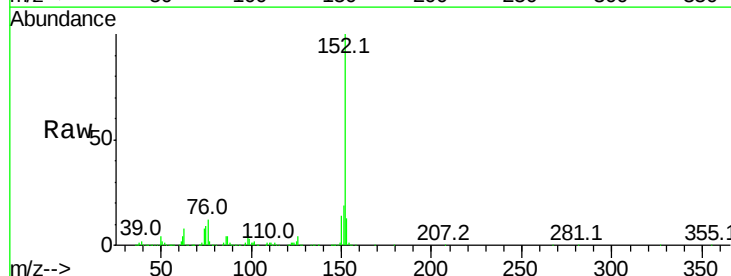
Tgt Ion: 152 Resp: 2501758

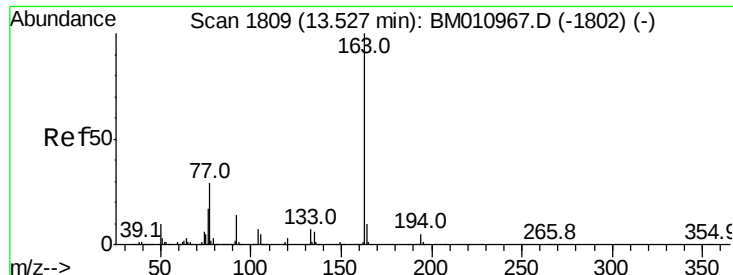
Ion Ratio Lower Upper

152 100

151 19.1 15.9 23.9

153 12.5 10.6 16.0





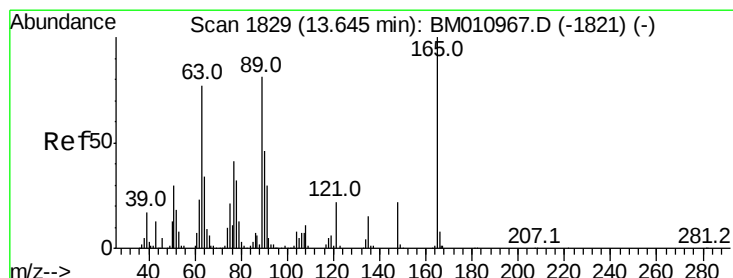
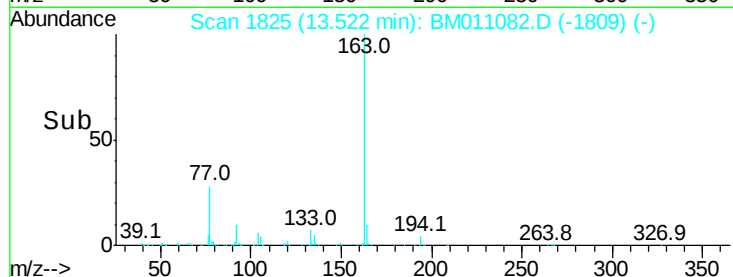
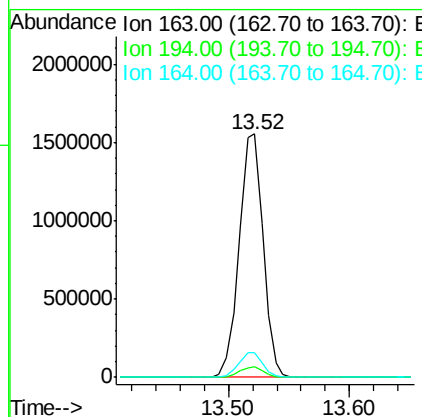
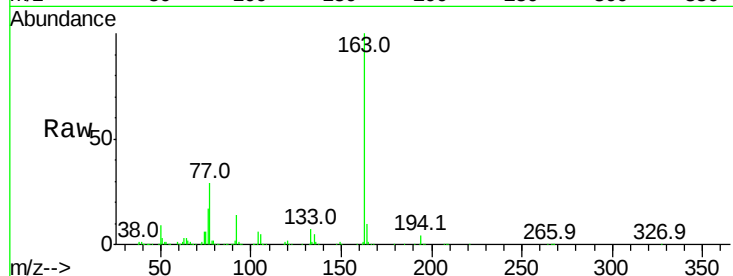
#49
Dimethylphthalate
Concen: 41.184 ng
RT: 13.52 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.3	8.2	12.2

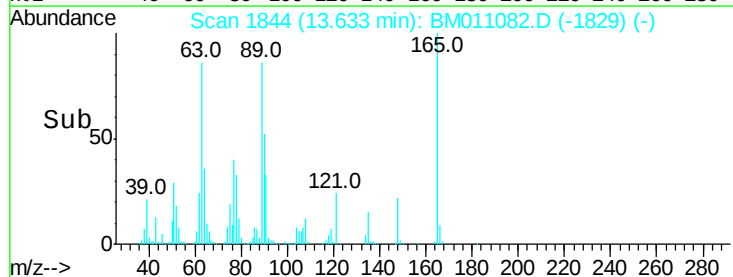
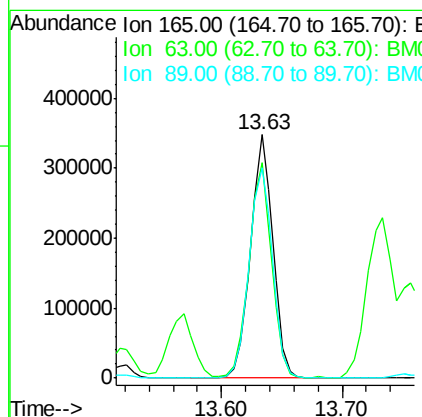
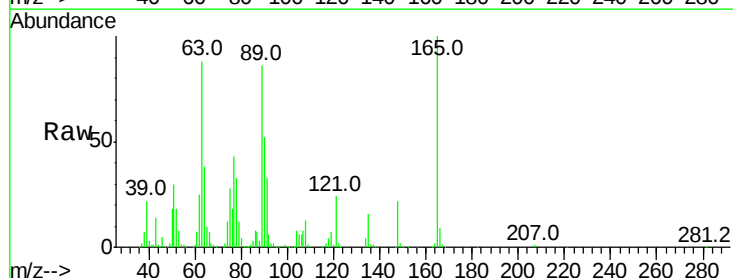
Manual Integrations
APPROVED

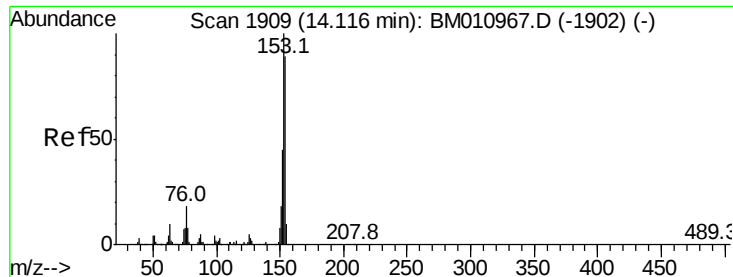
Sohil
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#50
2,6-Dinitrotoluene
Concen: 42.686 ng
RT: 13.63 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	88.4	44.1	66.1#
89	86.2	44.3	66.5#





#51

Acenaphthene

Concen: 41.033 ng

RT: 14.10 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMSD

Tot Ion:154 Resp: 1479349

Ion Ratio Lower Upper

154 100

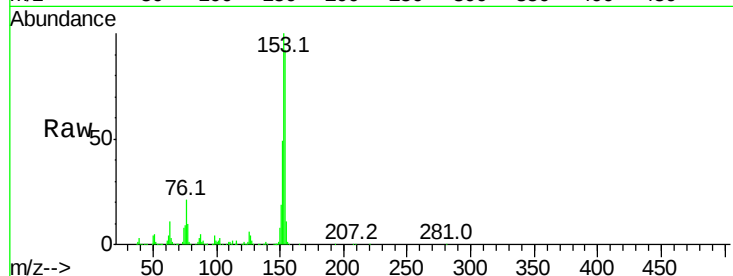
153 109.0 90.0 135.0

152 53.5 42.6 63.8

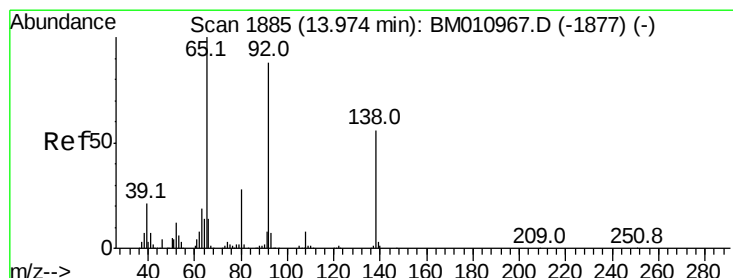
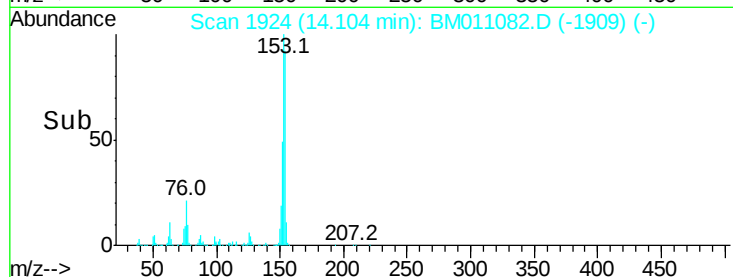
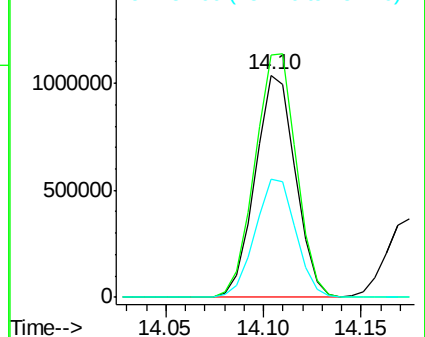
Manual Integrations
APPROVED

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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: 38.101 ng

RT: 13.96 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

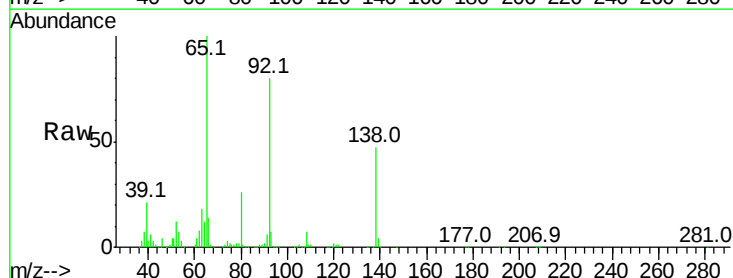
Tgt Ion:138 Resp: 350269

Ion Ratio Lower Upper

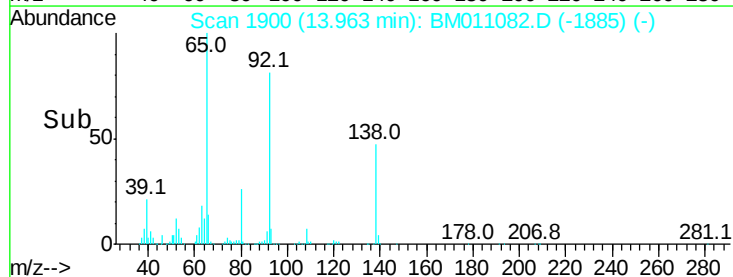
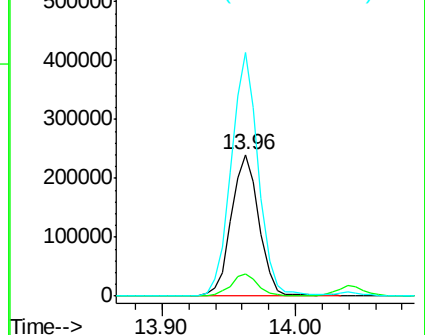
138 100

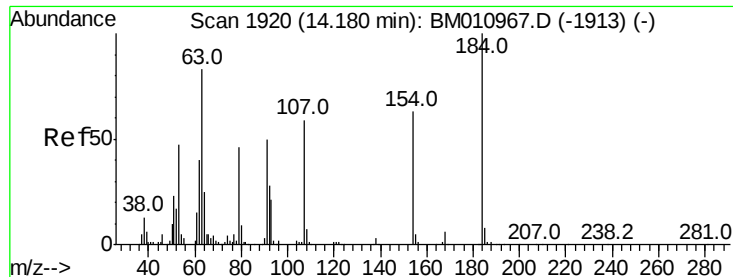
108 15.8 7.3 10.9#

92 172.0 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





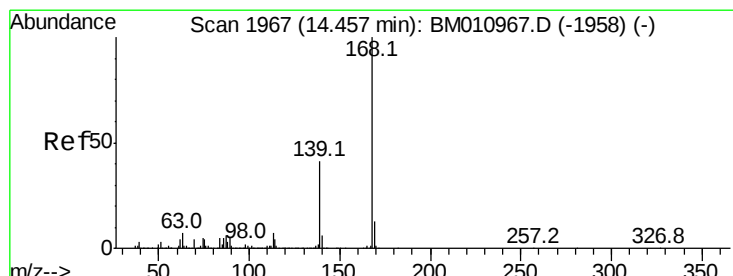
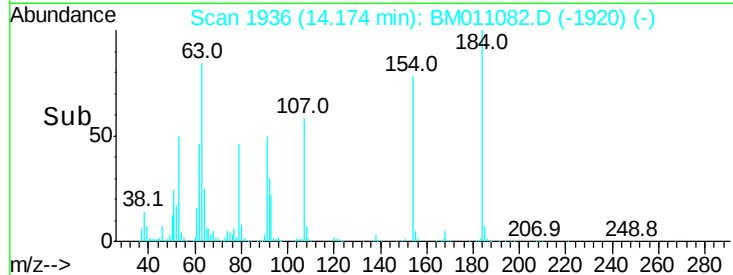
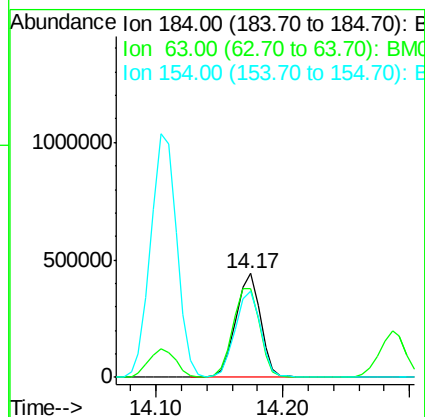
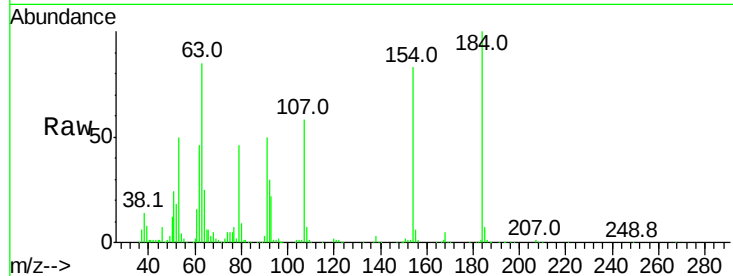
#53
2,4-Dinitrophenol
Concen: 79.395 ng
RT: 14.17 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	597772		
63	85.2	69.2	103.8	
154	83.1	53.3	79.9	

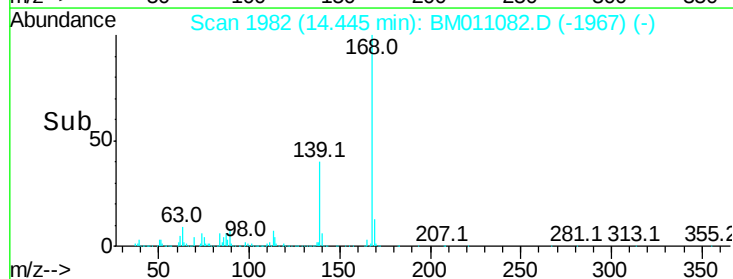
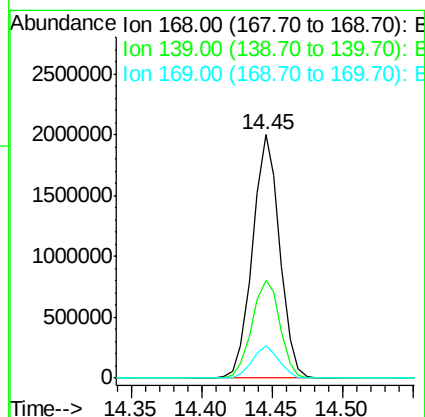
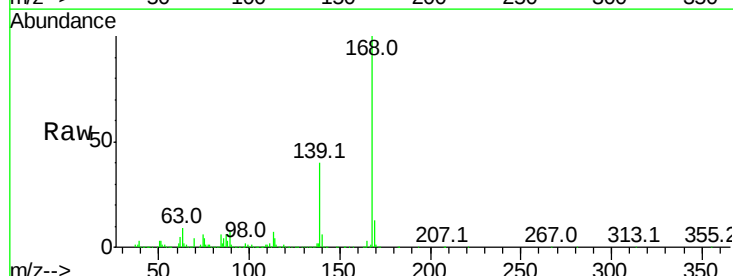
Manual Integrations
APPROVED

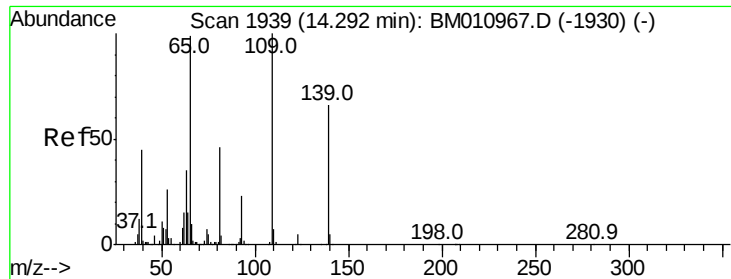
Sohil
8/2/2017 7:17:13 PM



#54
Dibenzofuran
Concen: 46.112 ng
RT: 14.45 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2693698		
139	40.2	27.3	40.9	
169	13.4	10.6	16.0	





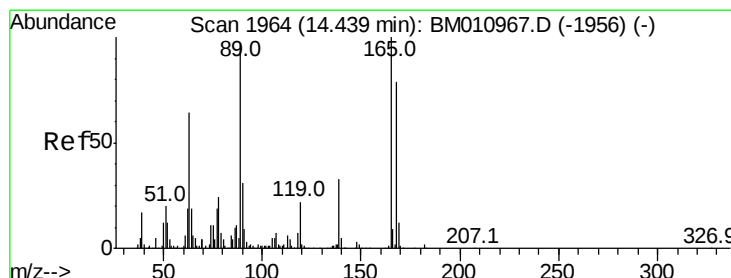
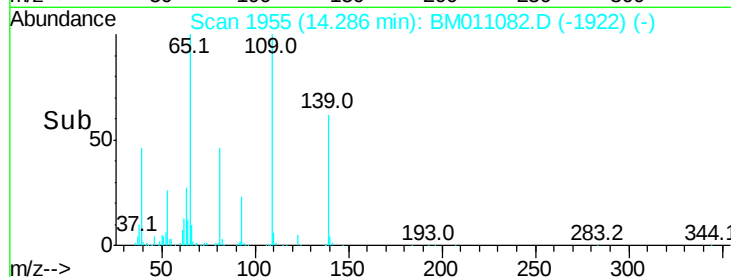
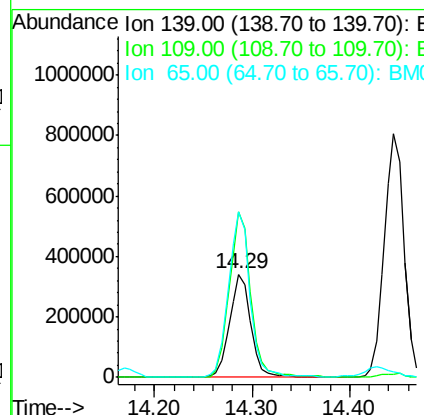
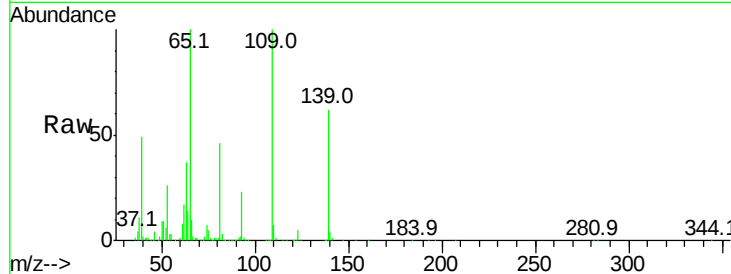
#55
4-Nitrophenol
Concen: 64.235 ng
RT: 14.29 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	160.1	130.0	170.0	
65	160.5	130.0	170.0	

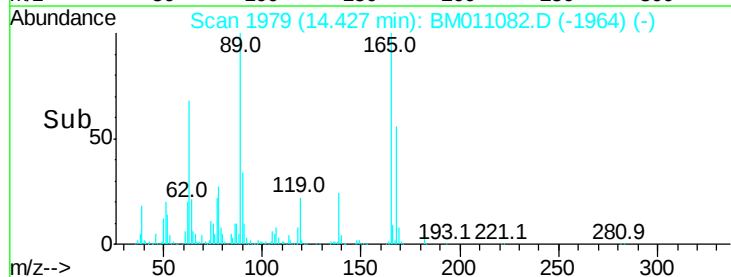
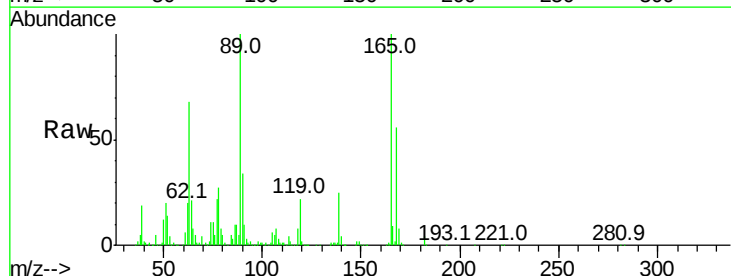
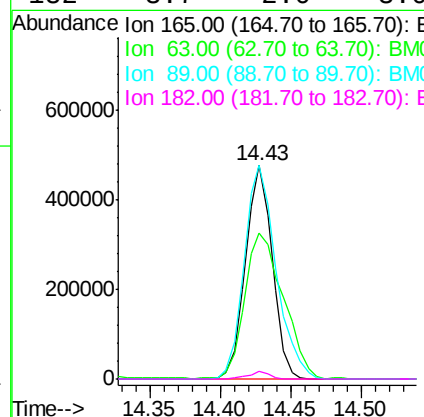
Manual Integrations
APPROVED

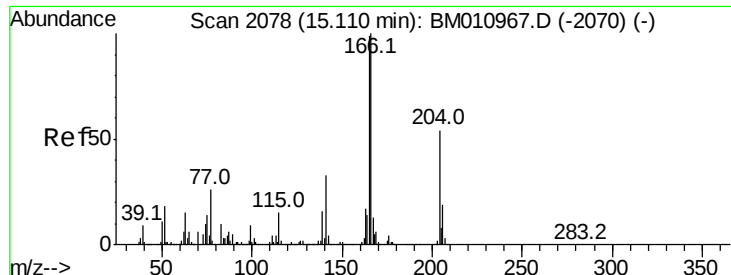
Sohil
8/2/2017 7:17:13 PM



#56
2,4-Dinitrotoluene
Concen: 42.440 ng
RT: 14.43 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.4	52.4	78.6	
89	100.2	72.4	108.6	
182	3.7	2.0	3.0	#





#57
Fluorene
 Concen: 43.166 ng
 RT: 15.10 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

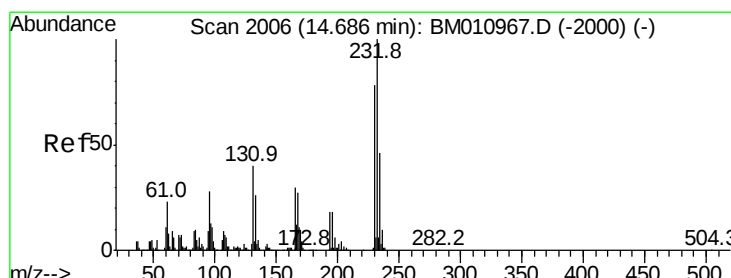
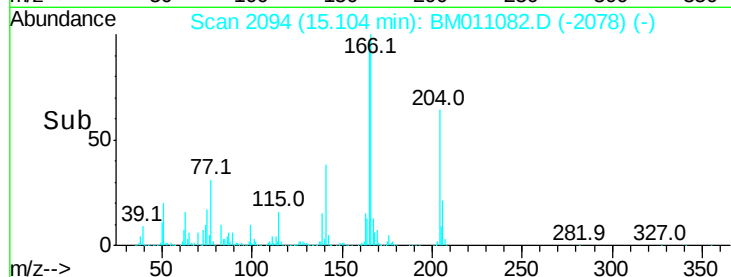
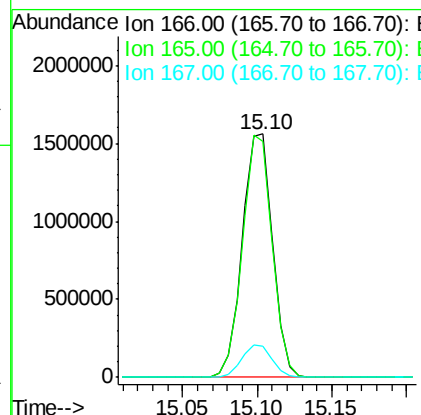
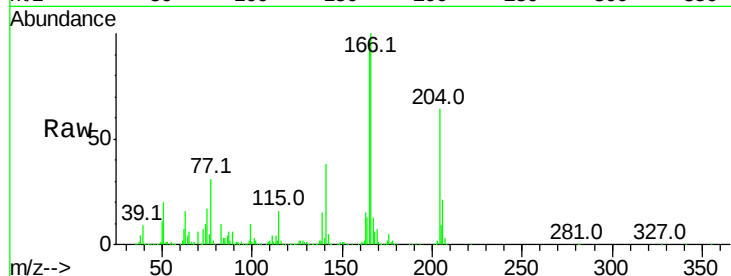
Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMSD

Tot Ion:166 Resp: 2195480

Ion	Ratio	Lower	Upper
166	100		
165	97.0	79.0	118.4
167	12.9	10.3	15.5

Manual Integrations
 APPROVED

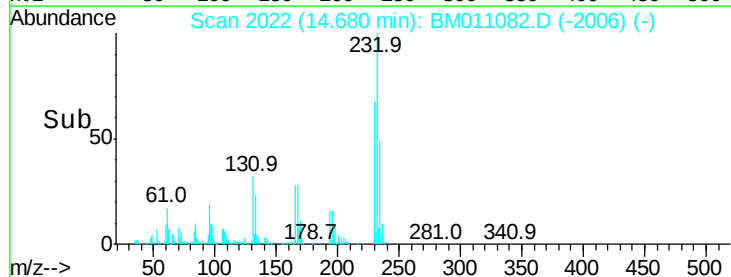
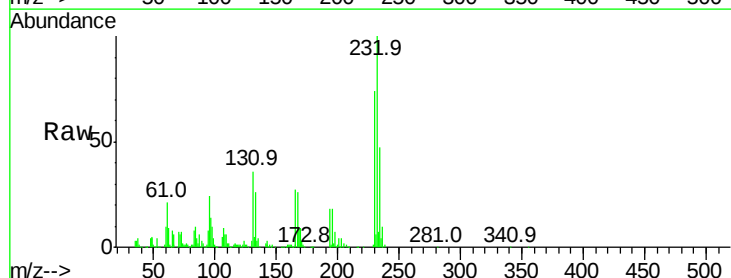
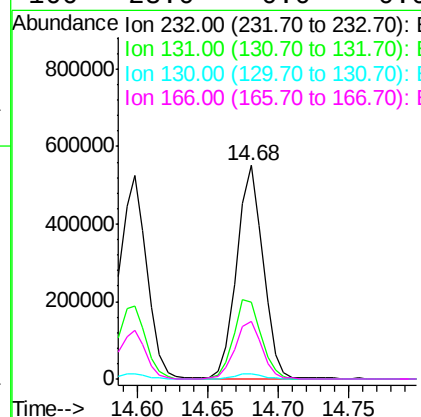
Sohil
 8/2/2017 7:17:13 PM

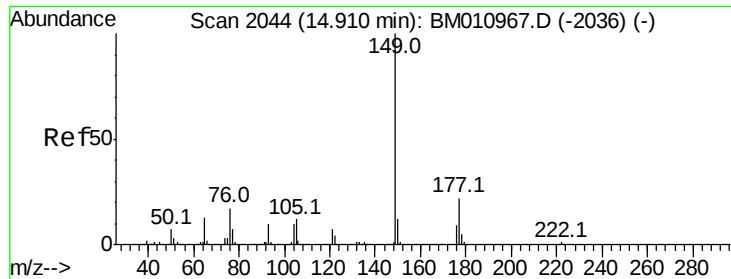


#58
2,3,4,6-Tetrachlorophenol
 Concen: 46.655 ng
 RT: 14.68 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Tgt Ion:232 Resp: 717264

Ion	Ratio	Lower	Upper
232	100		
131	39.0	0.0	0.0#
130	2.9	0.0	0.0#
166	28.0	0.0	0.0#





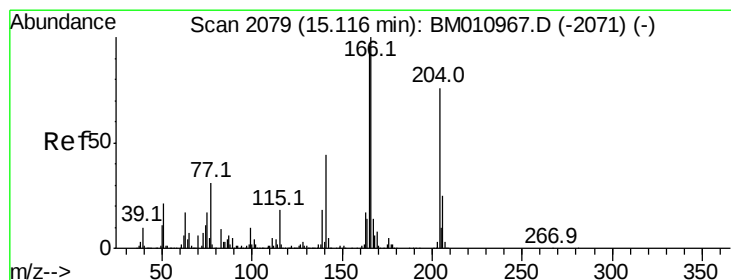
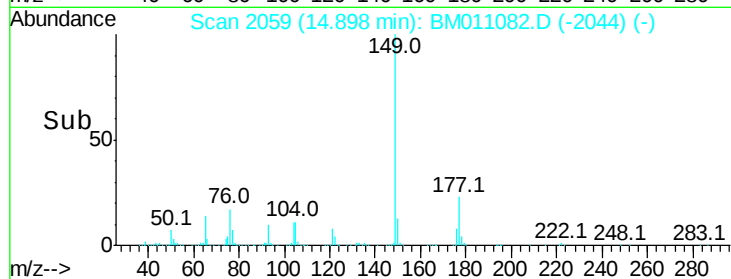
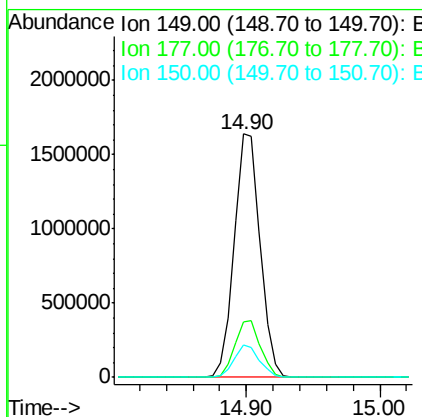
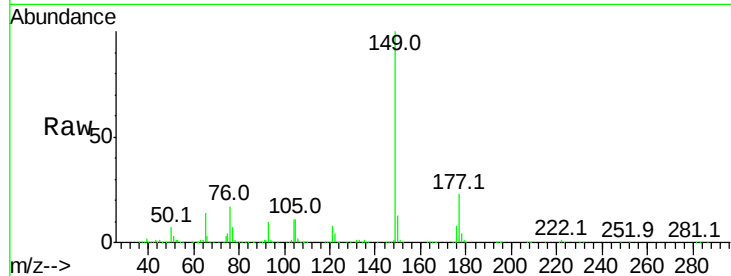
#59
Diethylphthalate
Concen: 41.484 ng
RT: 14.90 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	13.3	9.8	14.8

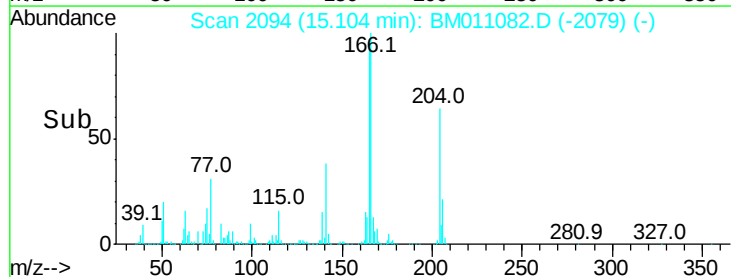
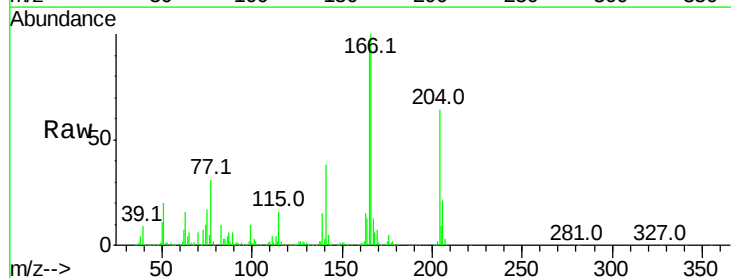
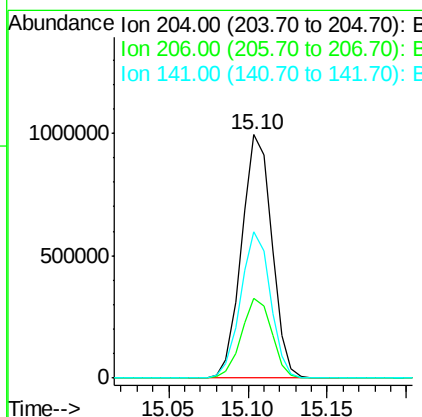
Manual Integrations
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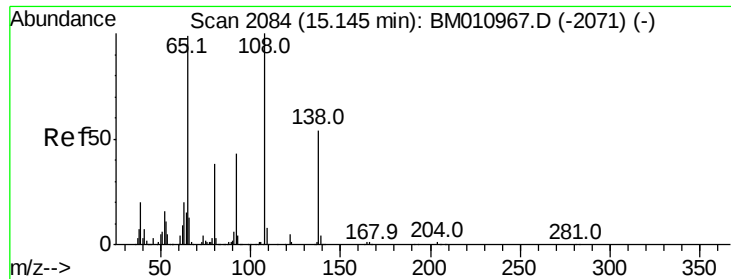
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 42.883 ng
RT: 15.10 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	60.4	45.2	67.8





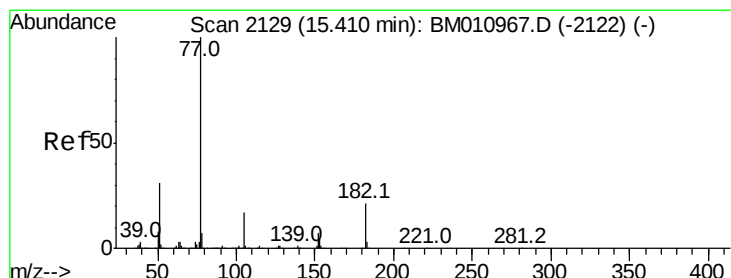
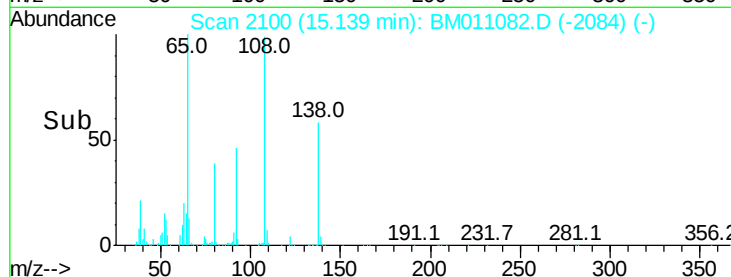
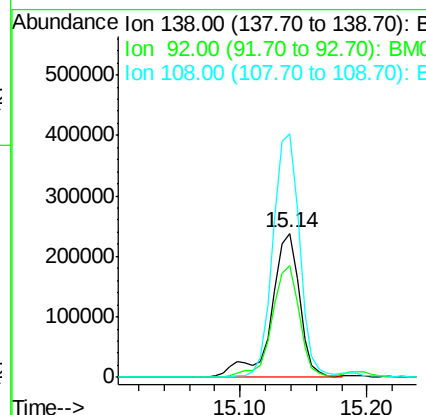
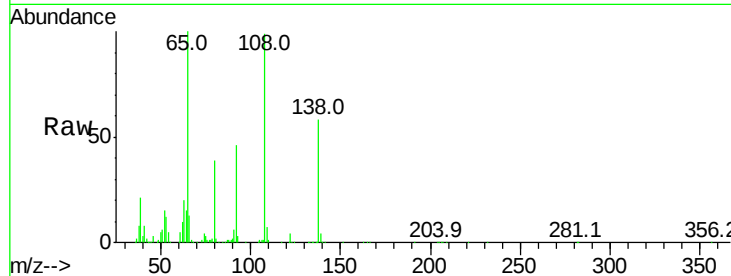
#61
4-Nitroaniline
Concen: 37.928 ng
RT: 15.14 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	78.0	16.7	56.7#
108	169.2	37.6	77.6#

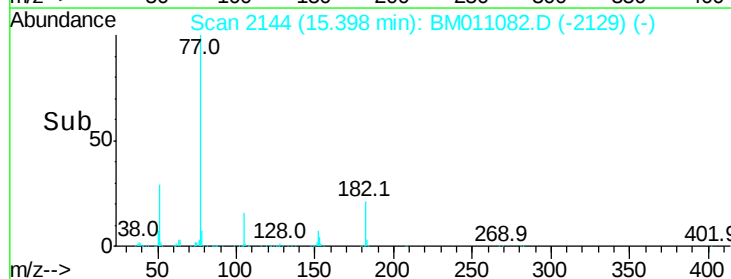
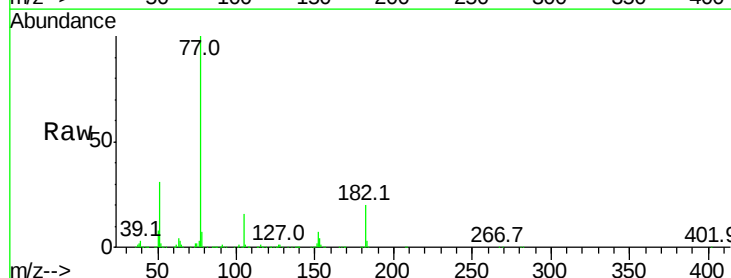
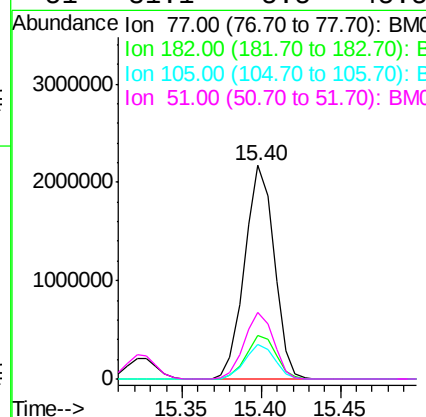
Manual Integrations
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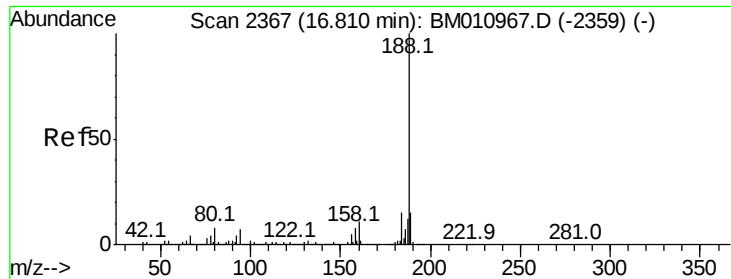
Sohil
8/2/2017 7:17:13 PM



#62
Azobenzene
Concen: 49.155 ng
RT: 15.40 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.3	6.5	46.5
105	16.0	3.8	43.8
51	31.1	5.5	45.5





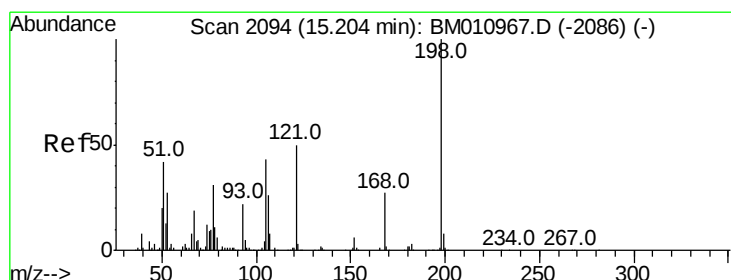
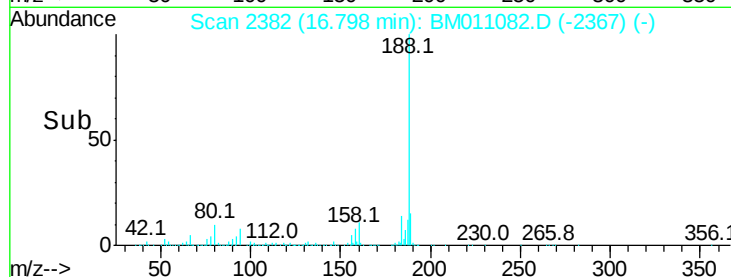
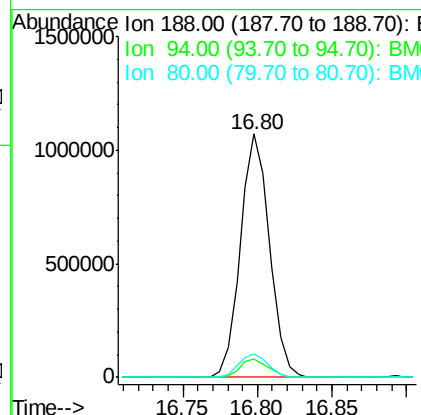
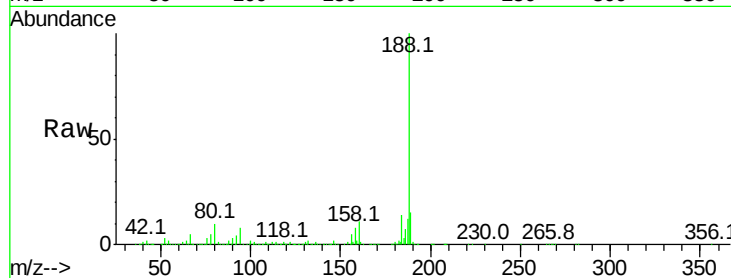
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.80 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	8.7	13.1#
80	9.9	9.3	13.9

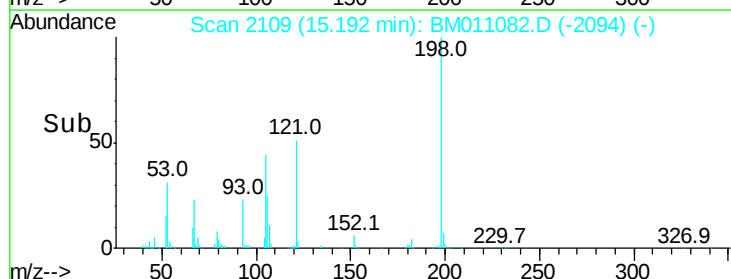
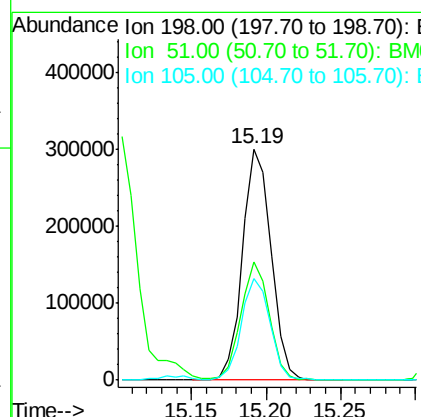
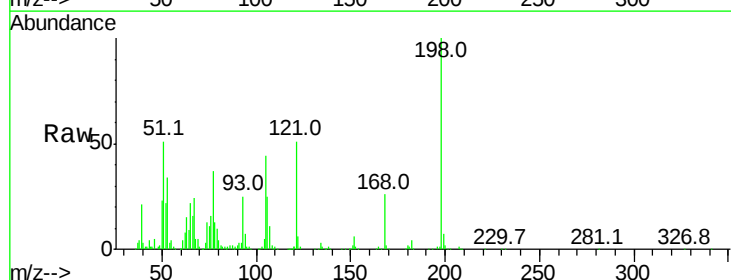
Manual Integrations
 APPROVED

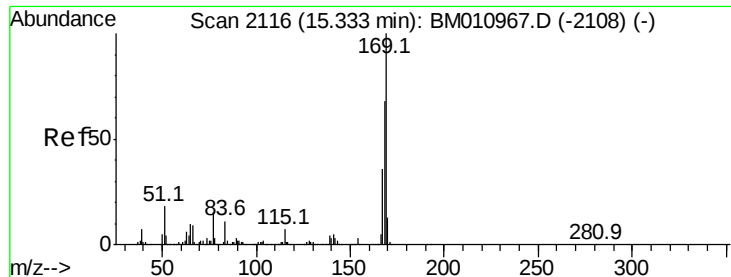
Sohil
 8/2/2017 7:17:13 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.806 ng
 RT: 15.19 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
198	100		
51	51.2	28.8	68.8
105	43.8	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 43.610 ng

RT: 15.33 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMSD

Tot Ion:169 Resp: 1809434

Ion Ratio Lower Upper

169 100

168 66.6 53.9 80.9

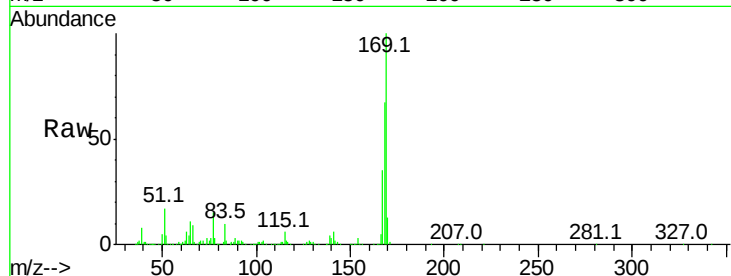
167 34.8 28.9 43.3

Manual Integrations

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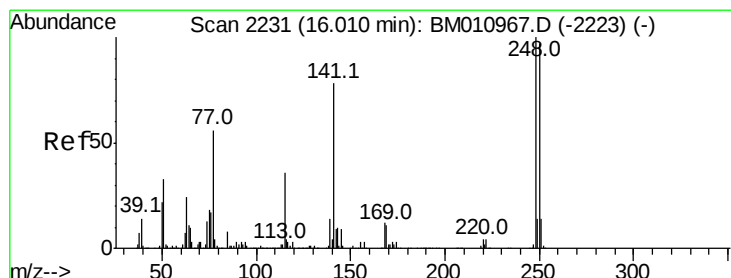
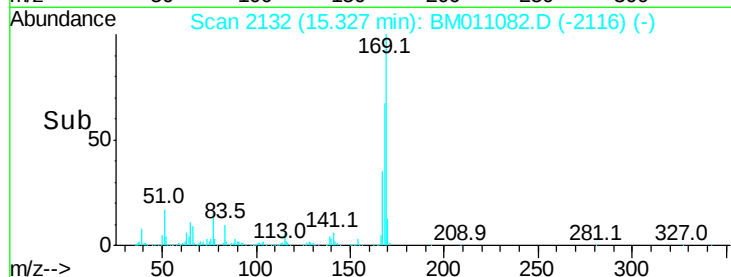
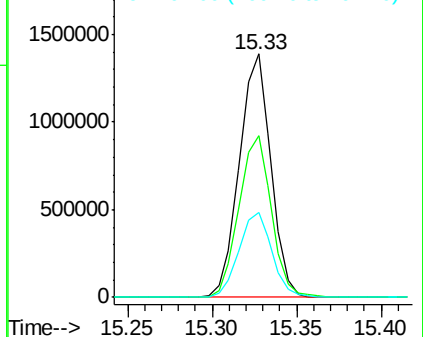
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.597 ng

RT: 16.00 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

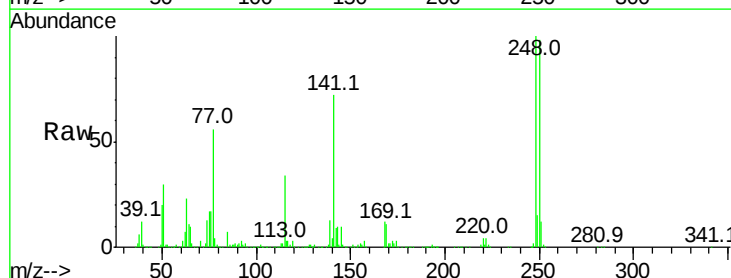
Tgt Ion:248 Resp: 868454

Ion Ratio Lower Upper

248 100

250 98.2 77.4 116.0

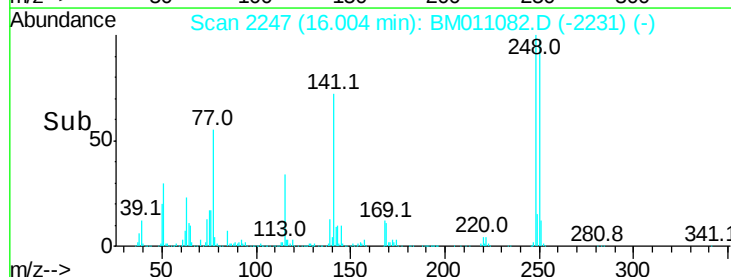
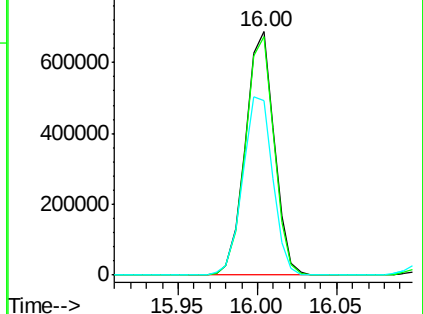
141 71.7 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.035 ng

RT: 16.10 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Instrument :

BNA_M

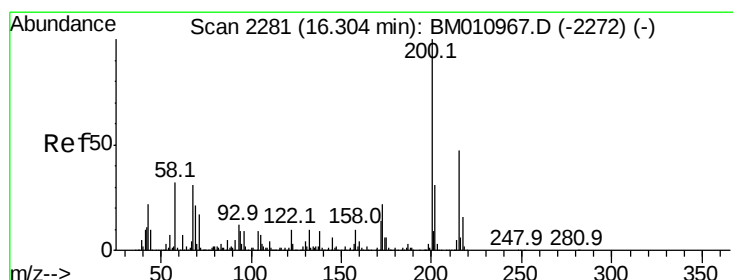
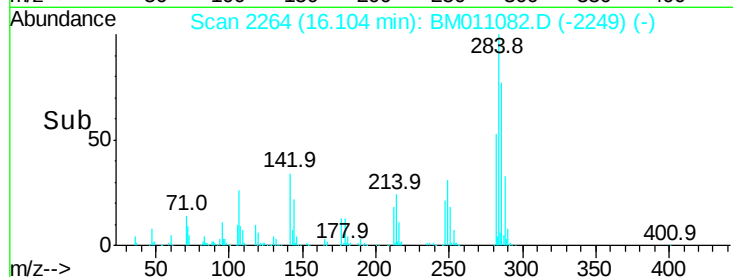
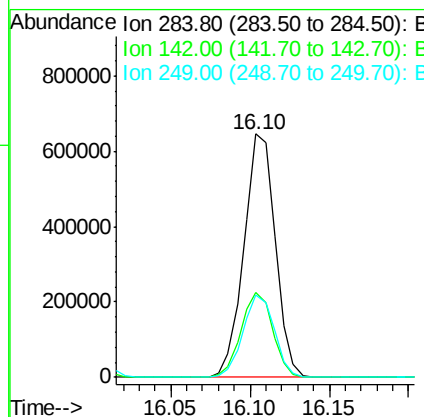
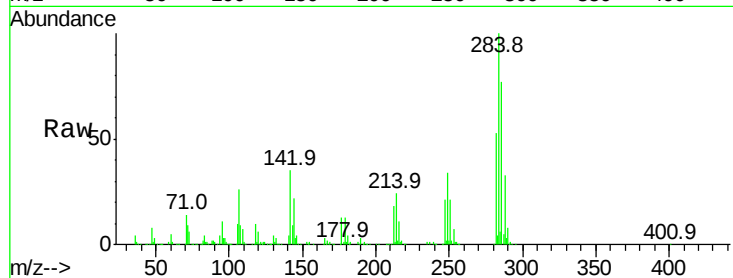
ClientSampleId :

TP-8-LENOX-AVEMSD

Tot Ion:	284	Resp:	885289
Ion Ratio	Lower	Upper	
284	100		
142	35.0	20.4	30.6#
249	34.0	23.8	35.6

Manual Integrations
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#68

Atrazine

Concen: 28.656 ng

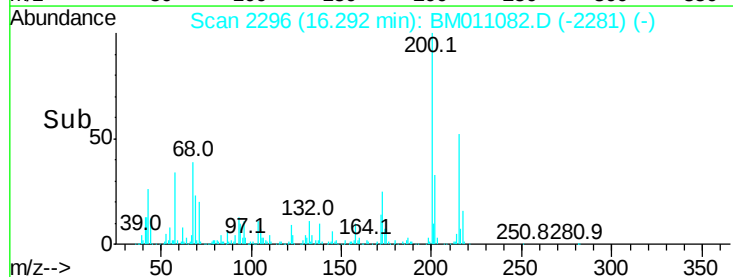
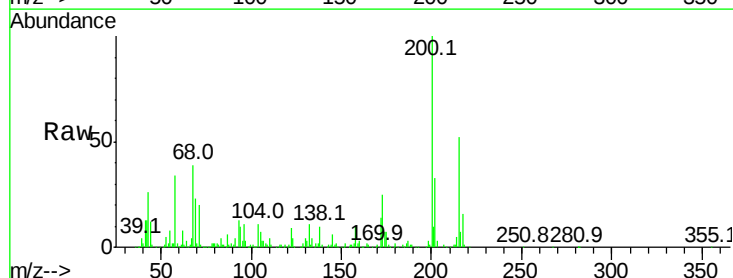
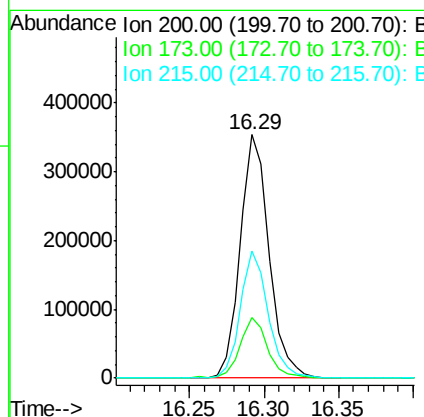
RT: 16.29 min Scan# 2296

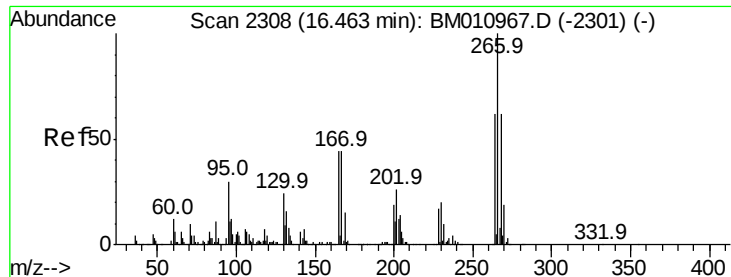
Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Tgt Ion:	200	Resp:	476473
Ion Ratio	Lower	Upper	
200	100		
173	25.1	4.8	44.8
215	52.1	26.9	66.9





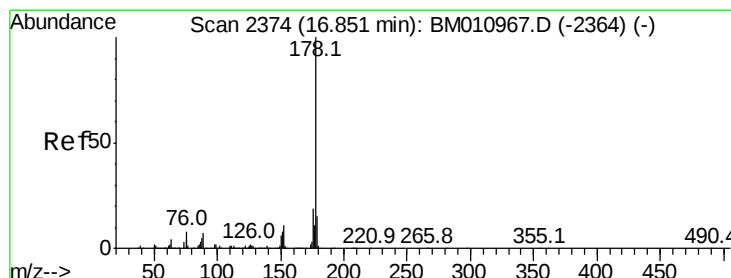
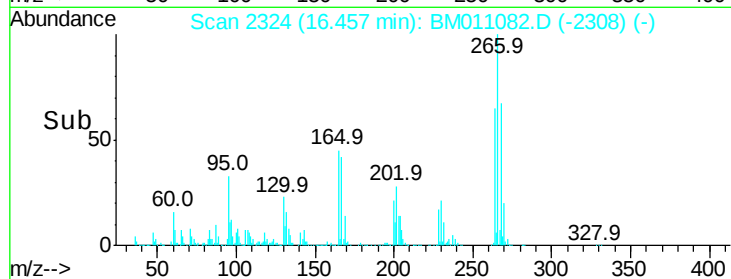
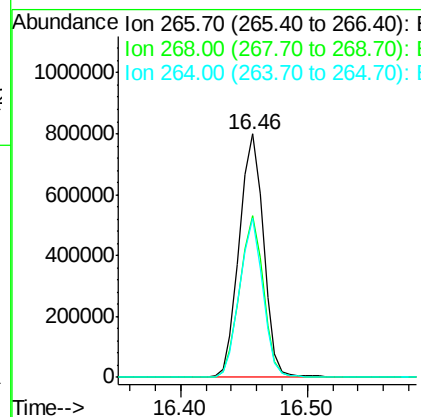
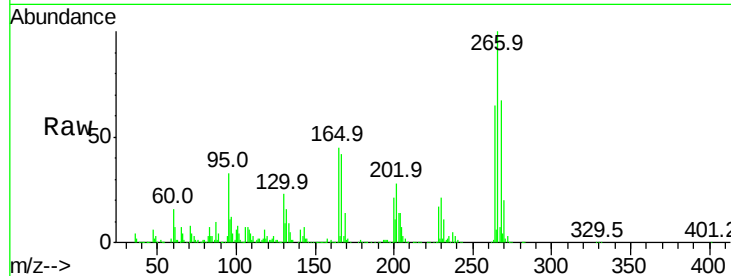
#69
 Pentachlorophenol
 Concen: 79.393 ng
 RT: 16.46 min Scan# 2324
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.5	52.0	78.0
264	65.5	49.0	73.4

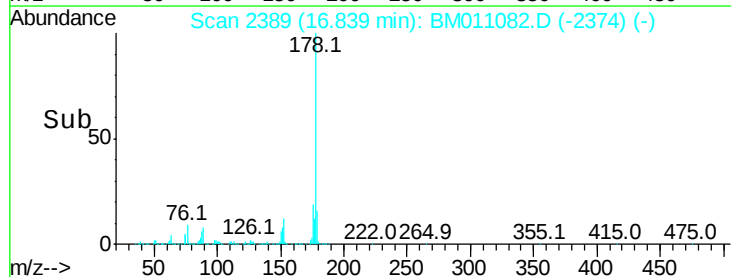
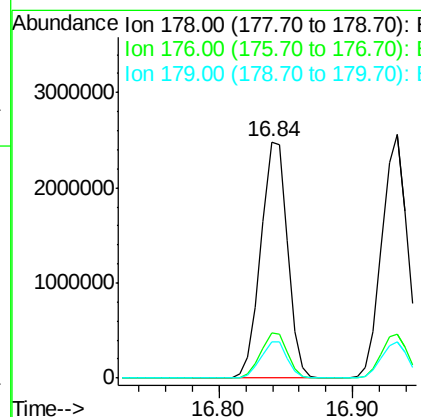
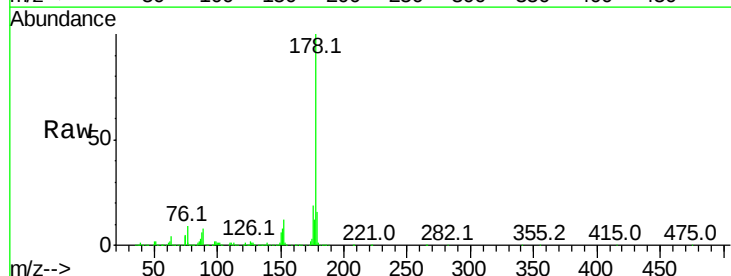
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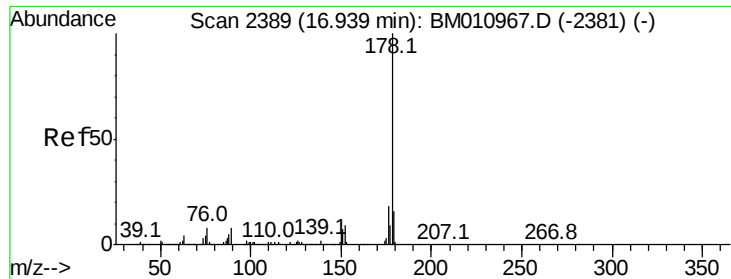
Sohil
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#70
 Phenanthrene
 Concen: 44.928 ng
 RT: 16.84 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.2	22.8
179	15.5	12.1	18.1





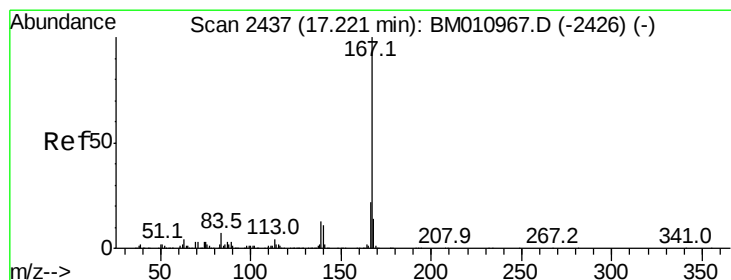
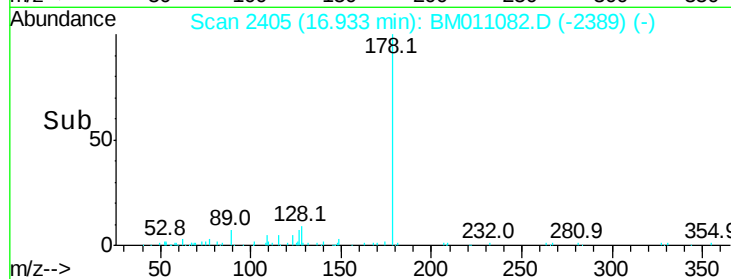
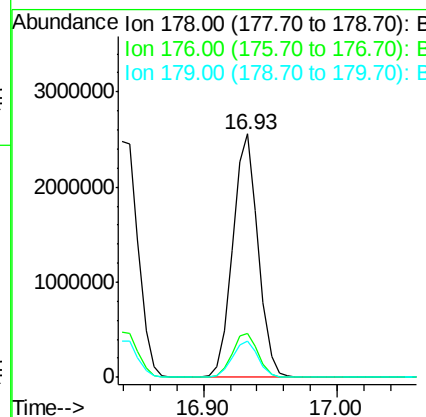
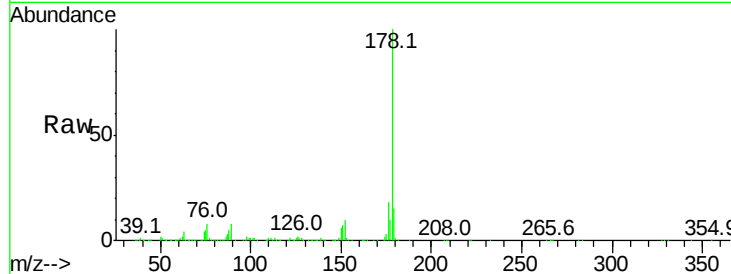
#71
 Anthracene
 Concen: 44.816 ng
 RT: 16.93 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMSD

Tot Ion:178 Resp: 3393026
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.6 22.0
 179 14.9 12.6 19.0

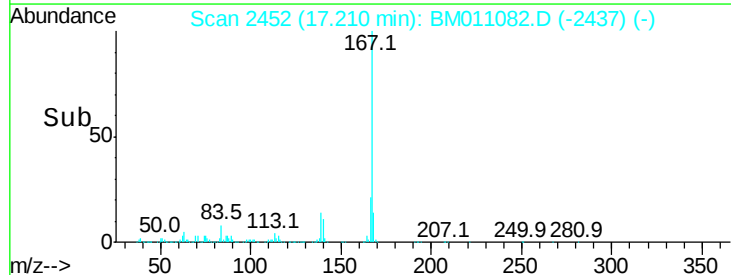
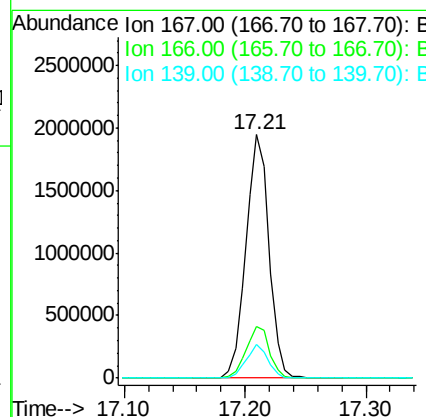
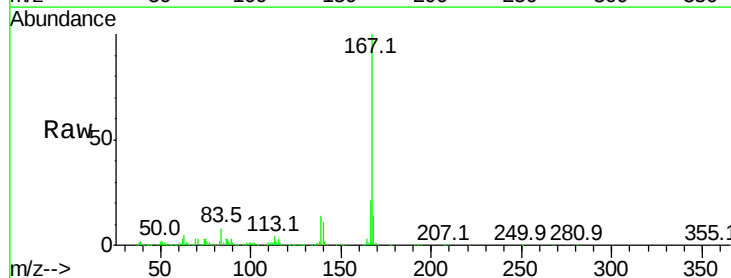
Manual Integrations
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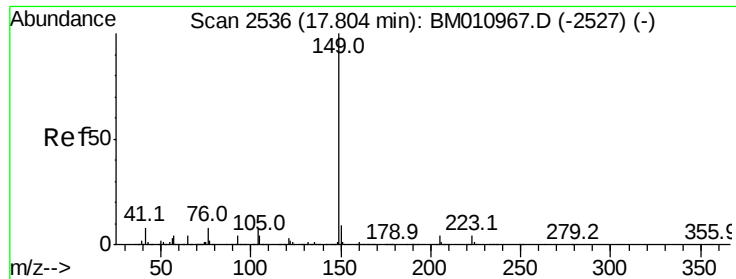
Sohil
 8/2/2017 7:17:13 PM



#72
 Carbazole
 Concen: 39.129 ng
 RT: 17.21 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Tgt Ion:167 Resp: 2590782
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 14.0 10.8 16.2





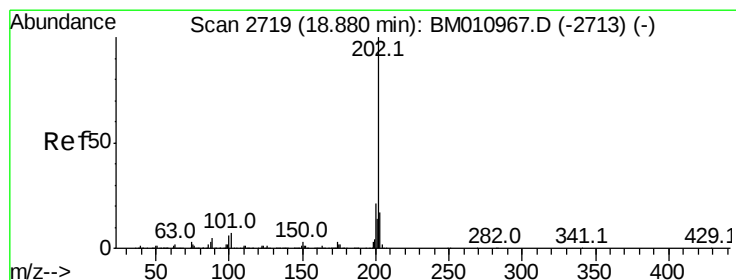
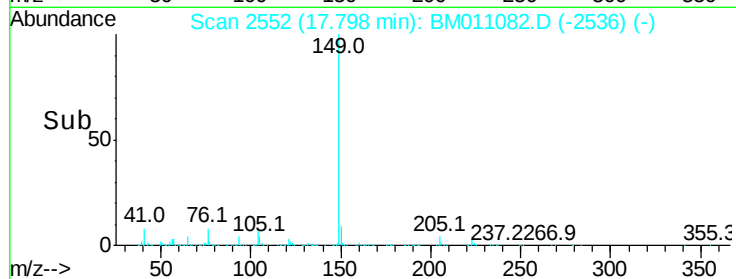
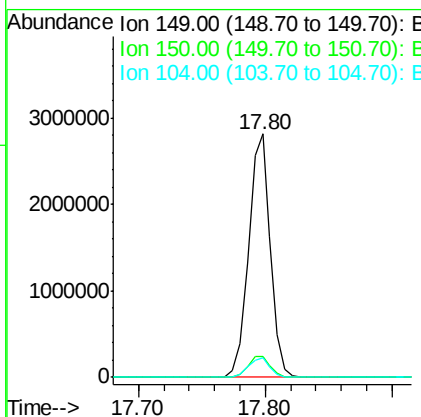
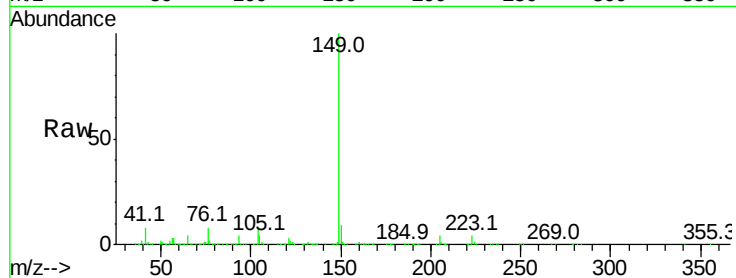
#73
Di-n-butylphthalate
Concen: 41.321 ng
RT: 17.80 min Scan# 2552
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.5	11.3
104	7.9	3.7	5.5

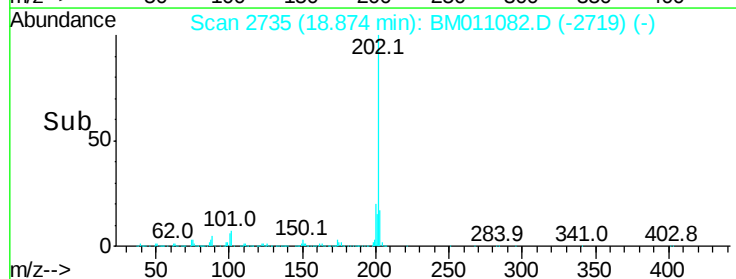
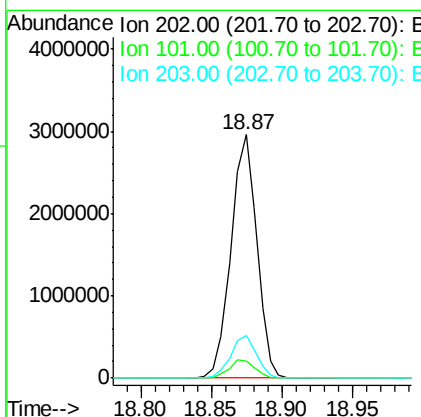
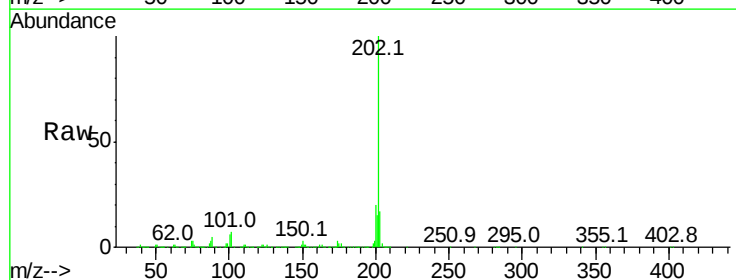
Manual Integrations
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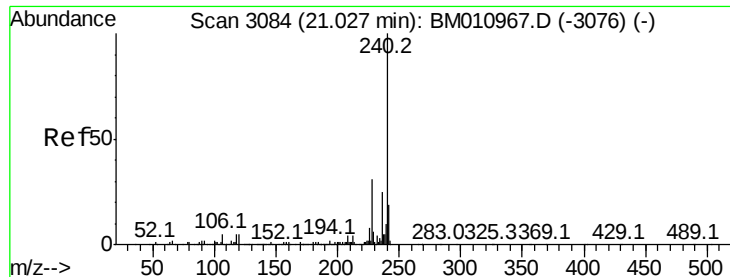
Sohil
8/2/2017 7:17:13 PM



#74
Fluoranthene
Concen: 40.246 ng
RT: 18.87 min Scan# 2735
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	28.7
203	17.3	0.0	37.2





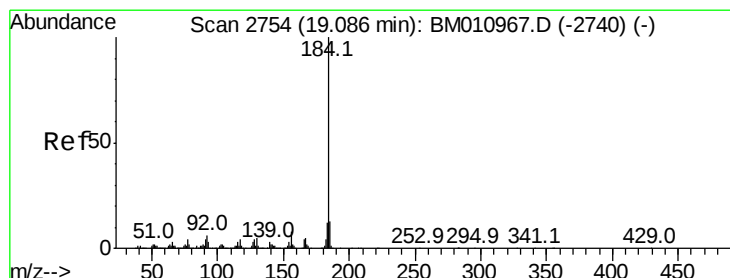
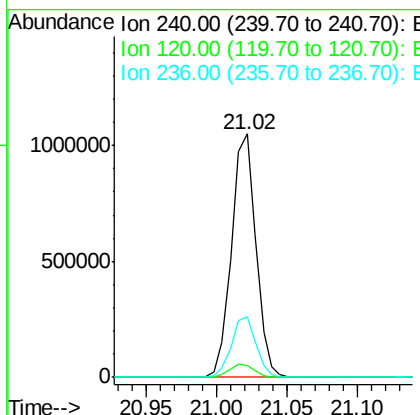
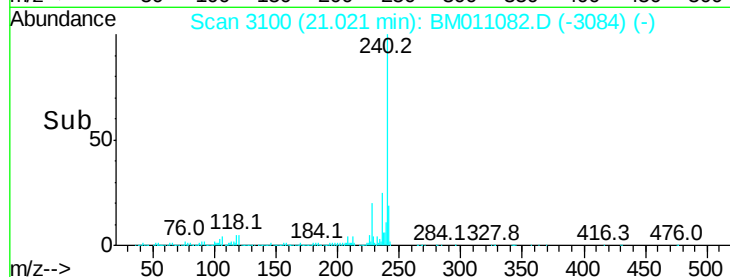
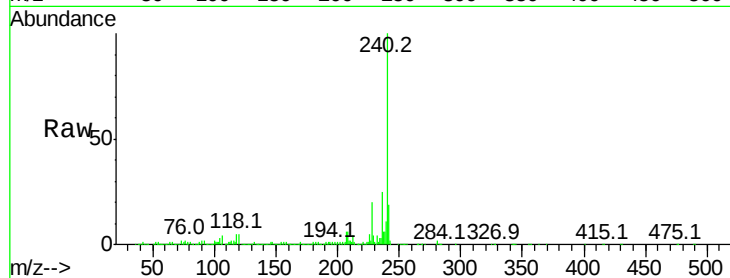
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.8	8.2	12.2#
236	24.7	20.0	30.0

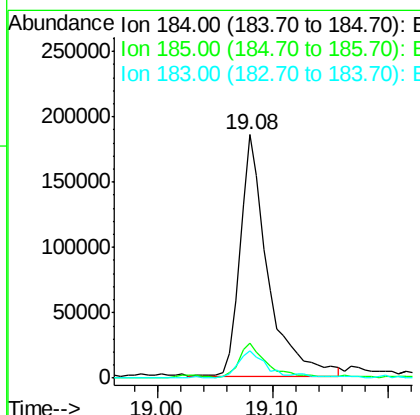
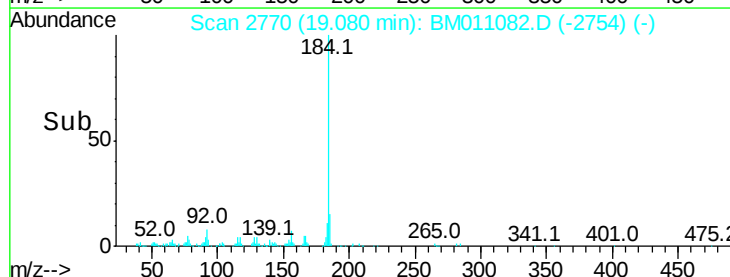
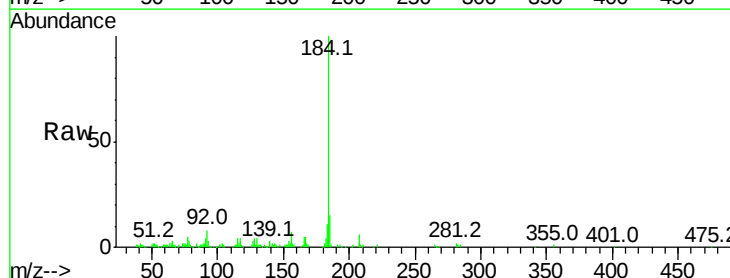
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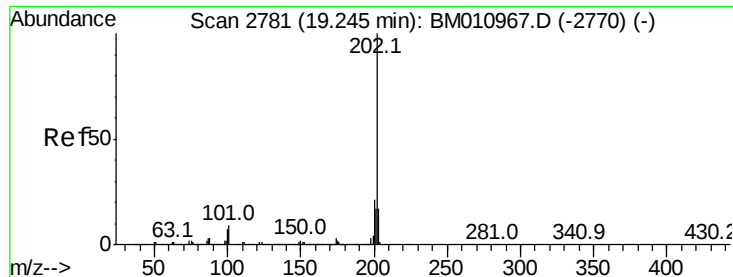
Sohil
 8/2/2017 7:17:13 PM



#76
 Benzidine
 Concen: 10.115 ng
 RT: 19.08 min Scan# 2770
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

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





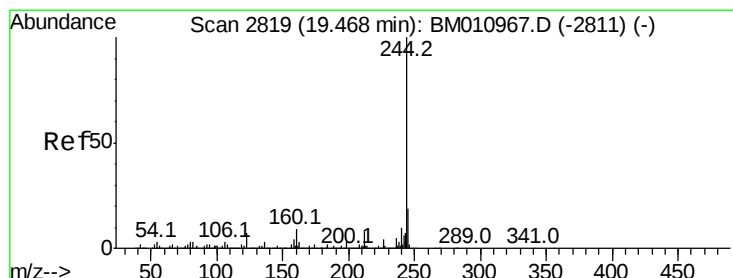
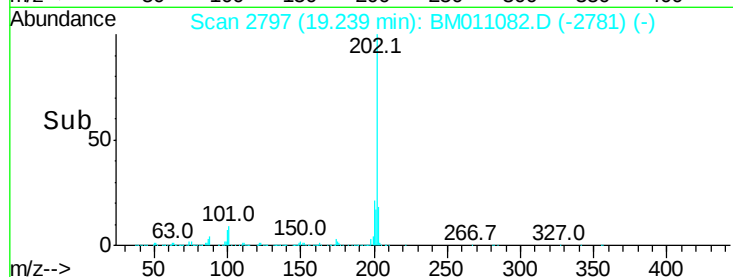
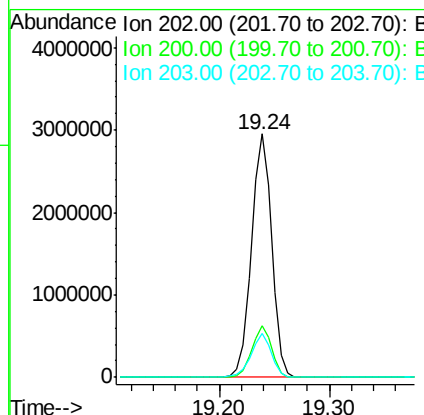
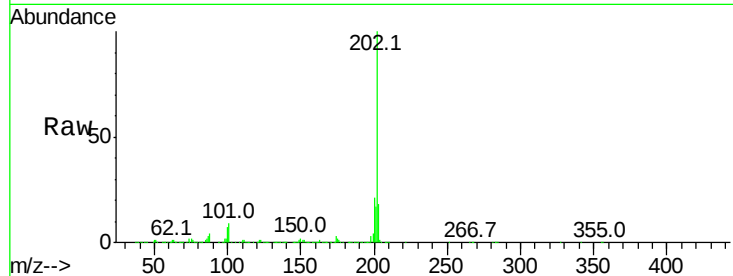
#77
Pvrene
Concen: 50.644 ng
RT: 19.24 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.9	14.1	21.1

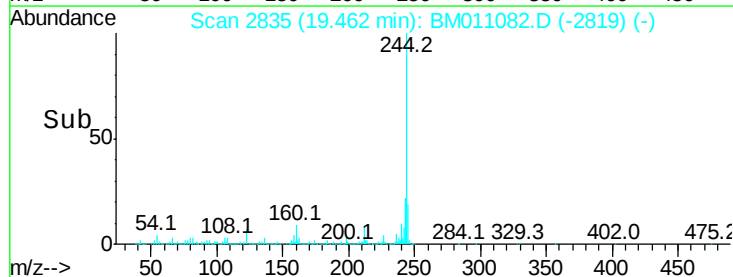
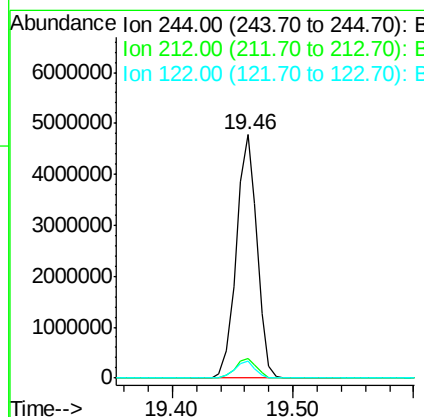
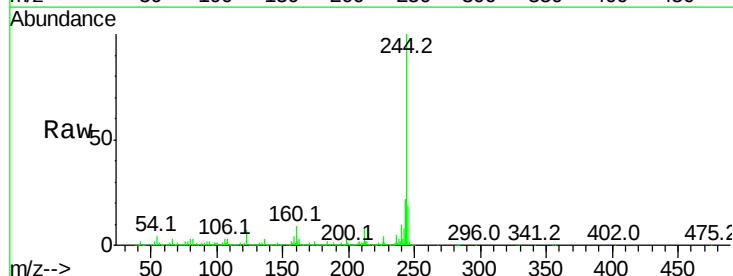
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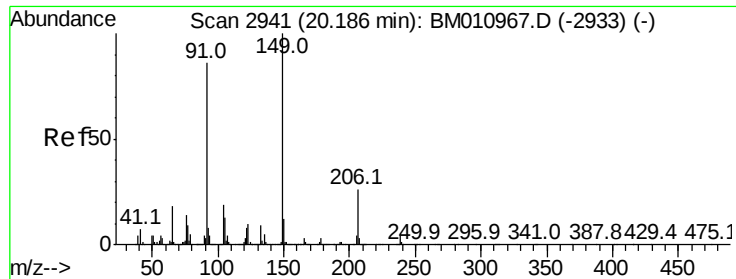
Sohil
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#78
Terphenyl-d14
Concen: 88.389 ng
RT: 19.46 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	7.0	6.2	9.4





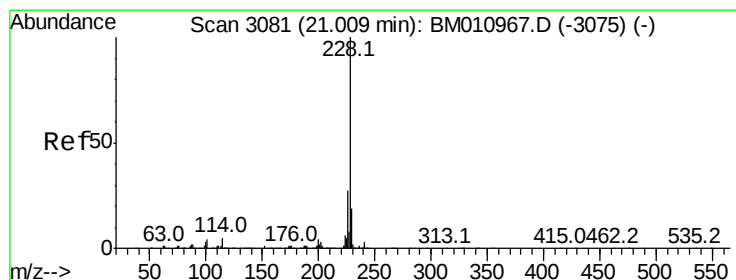
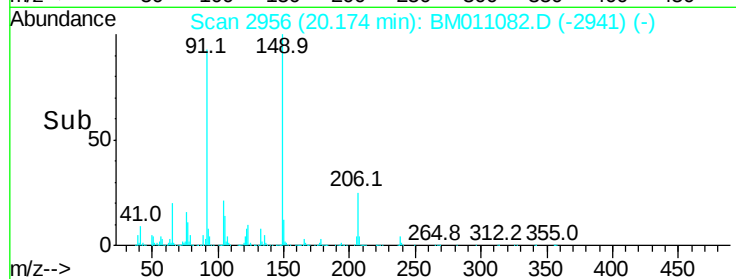
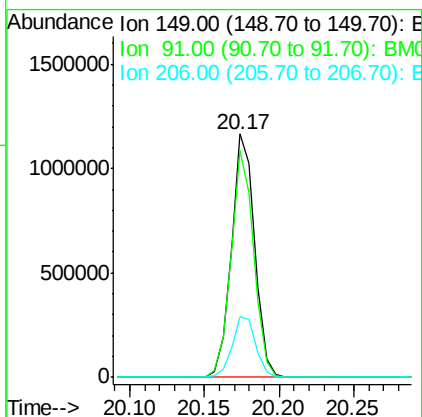
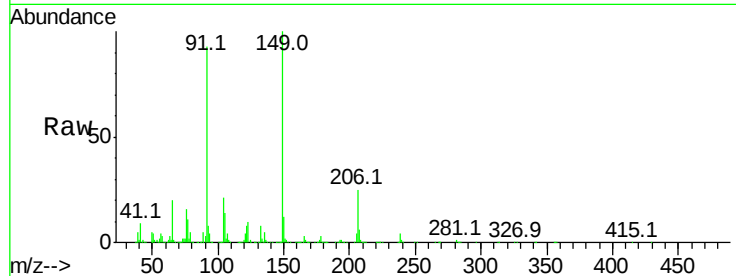
#79
Butylbenzylphthalate
Concen: 47.383 ng
RT: 20.17 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	93.2	50.1	75.1#
206	25.0	16.2	24.2#

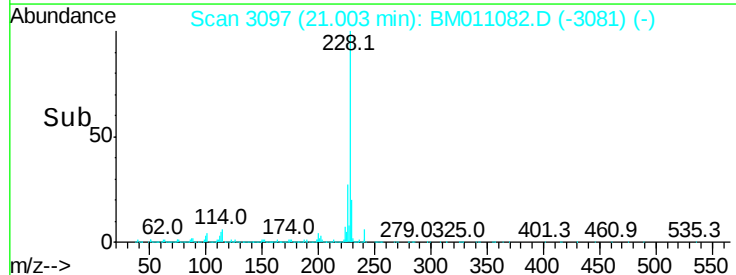
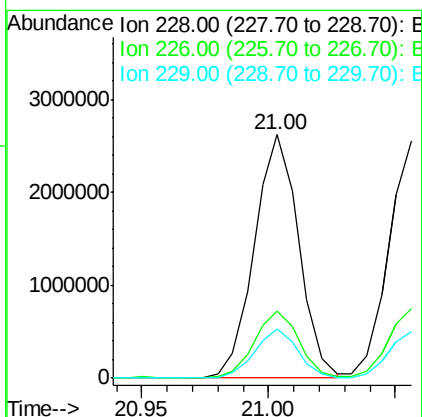
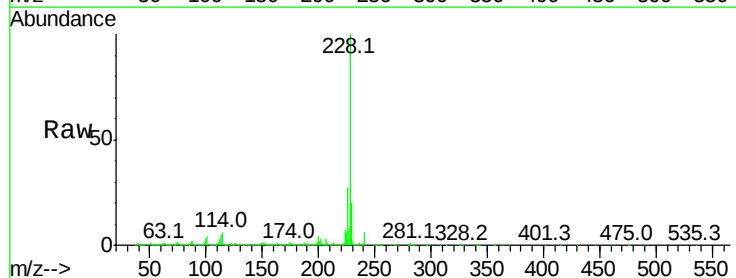
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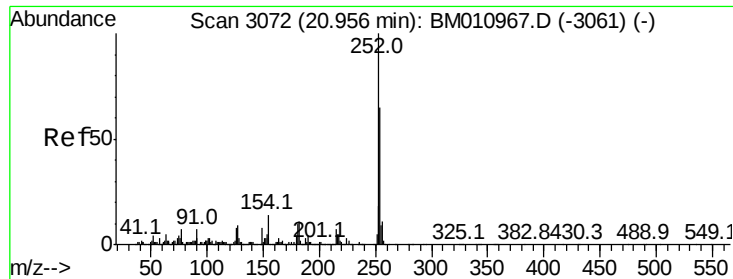
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#80
Benzo(a)anthracene
Concen: 44.218 ng
RT: 21.00 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.7	32.5
229	19.9	16.0	24.0





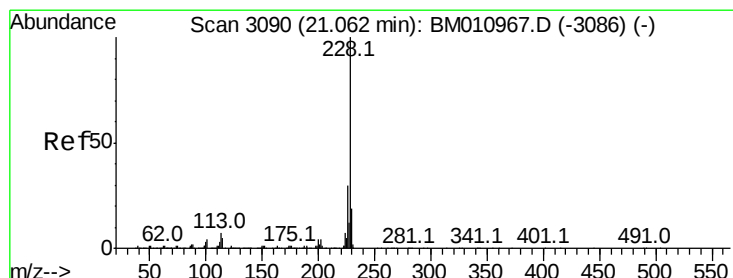
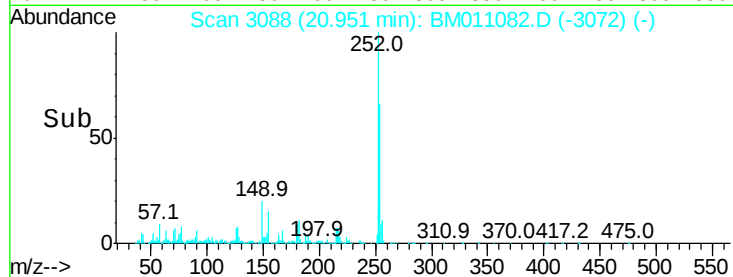
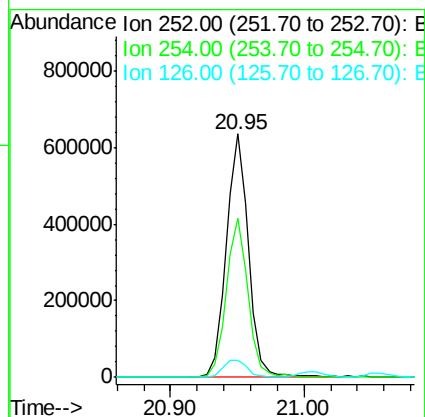
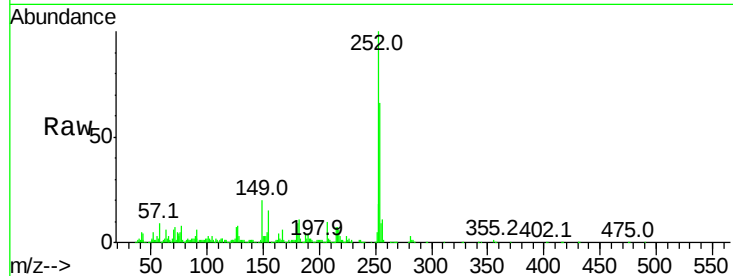
#81
 3,3'-Dichlorobenzidine
 Concen: 26.299 ng
 RT: 20.95 min Scan# 3088
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.9	77.9
126	7.1	9.8	14.8

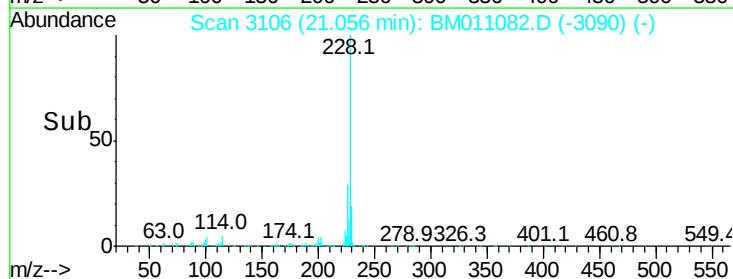
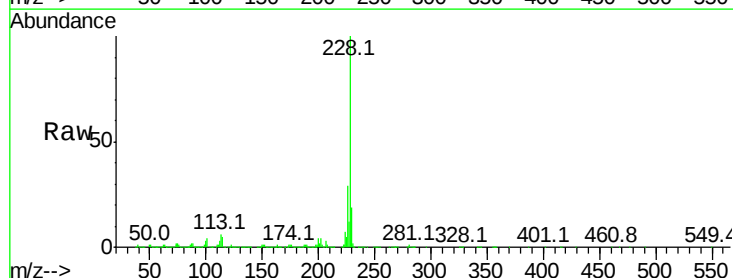
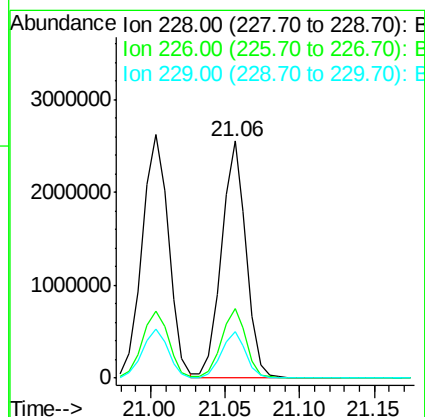
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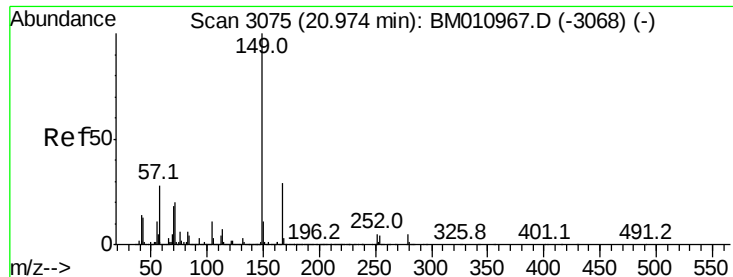
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#82
 Chrysene
 Concen: 42.459 ng
 RT: 21.06 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	19.5	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.518 ng

RT: 20.97 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Instrument :

BNA_M

ClientSampleId :

TP-8-LENOX-AVEMSD

Tot Ion:149 Resp: 1714498

Ion Ratio Lower Upper

149 100

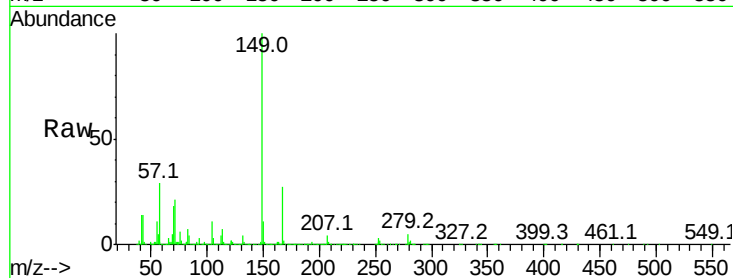
167 27.4 22.4 33.6

279 5.3 3.4 5.0#

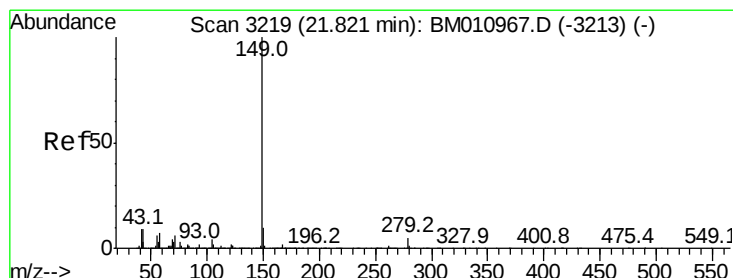
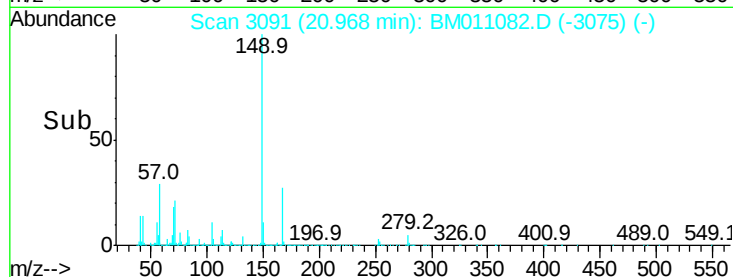
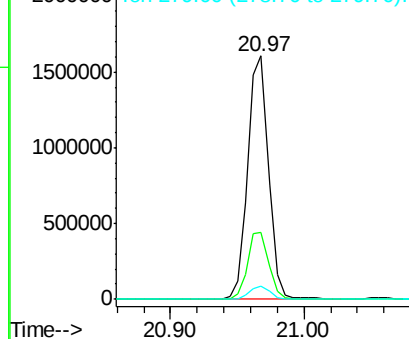
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.379 ng

RT: 21.82 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

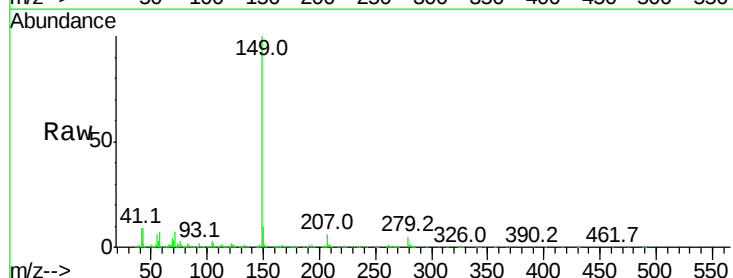
Tgt Ion:149 Resp: 2581925

Ion Ratio Lower Upper

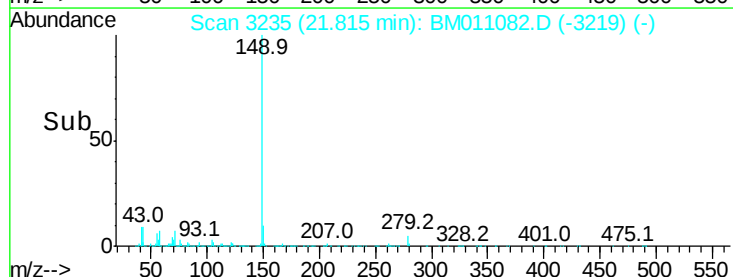
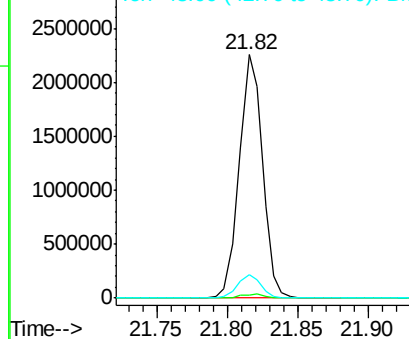
149 100

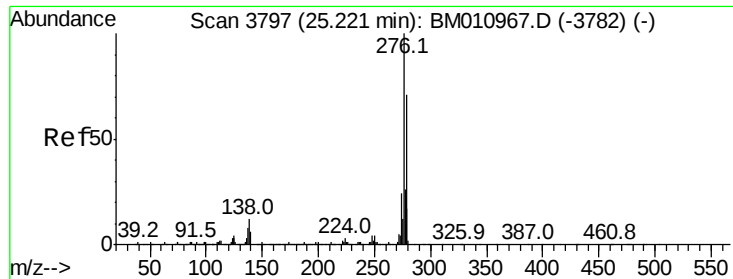
167 1.7 1.2 1.8

43 9.8 7.3 10.9



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





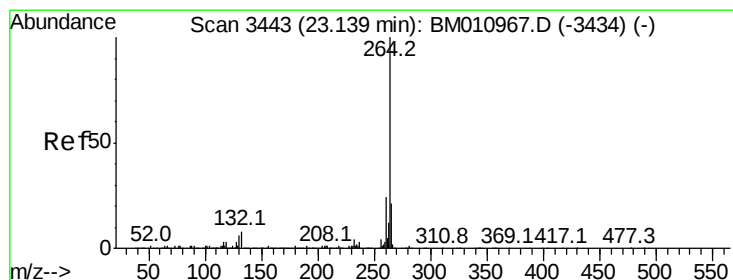
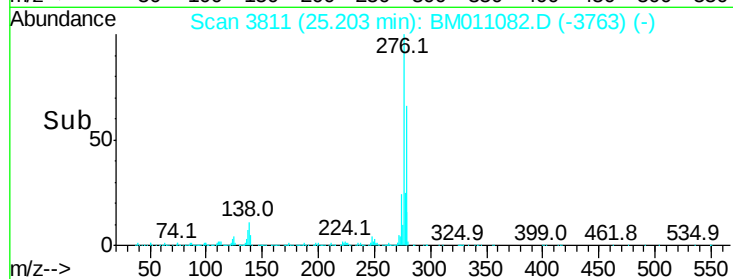
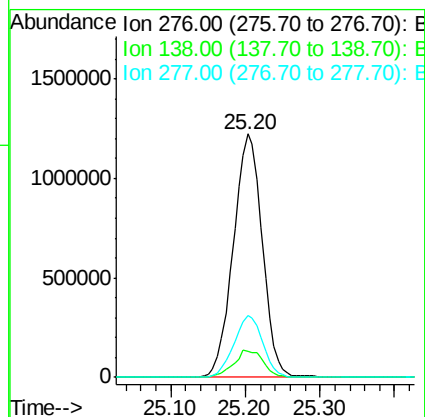
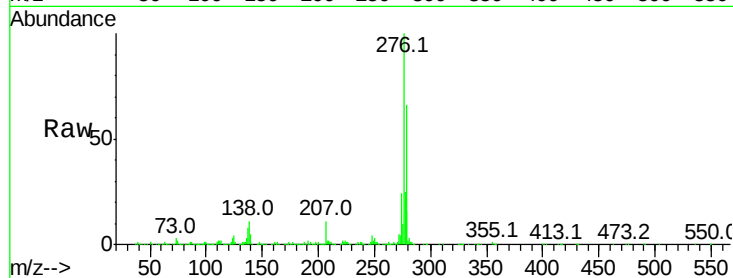
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.934 ng
RT: 25.20 min Scan# 3811
Delta R.T. -0.02 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Instrument :
BNA_M
ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.4	12.0	18.0#
277	25.3	20.0	30.0

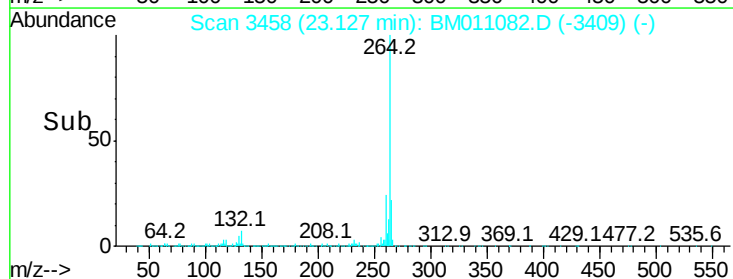
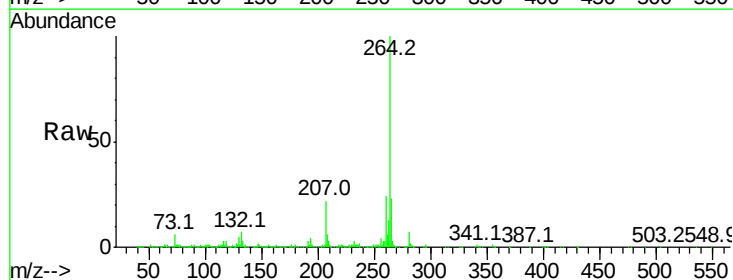
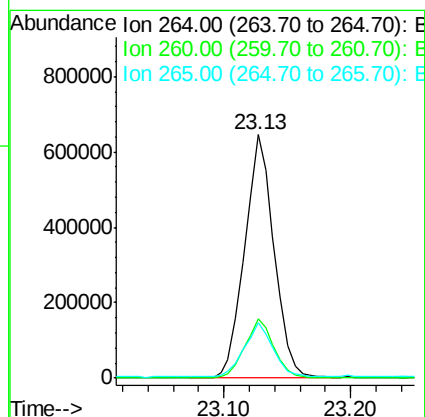
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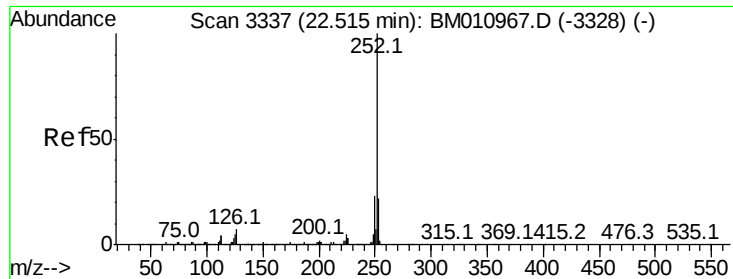
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.13 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM011082.D
Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 43.674 ng

RT: 22.51 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

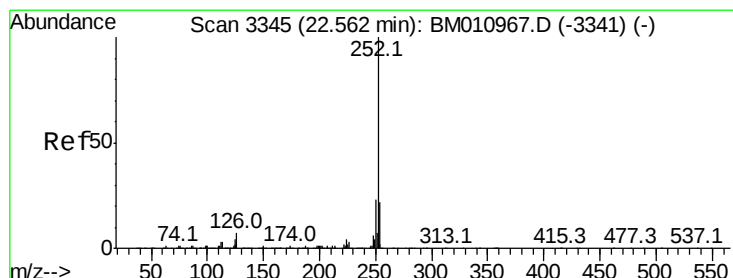
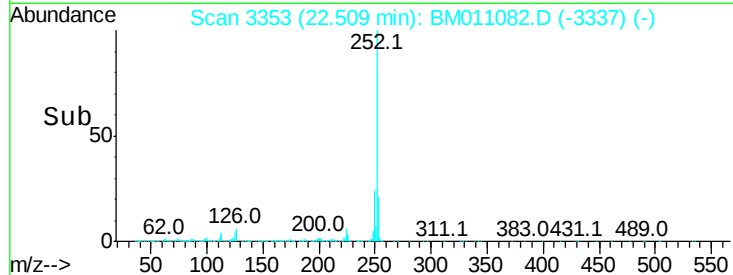
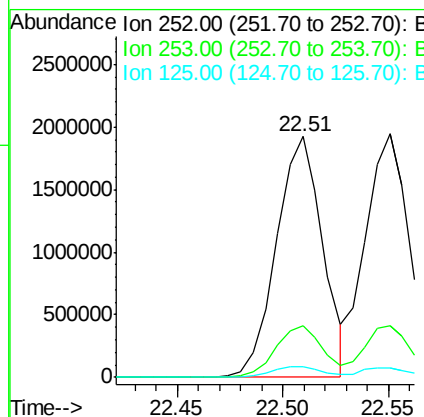
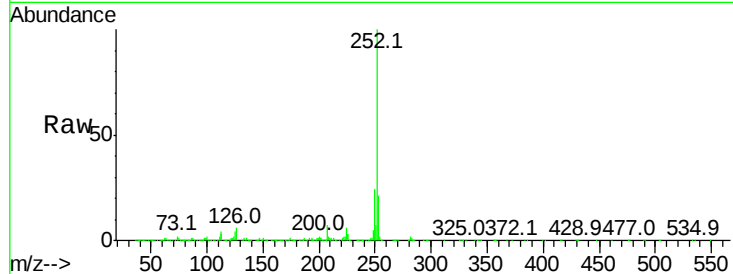
Instrument :
BNA_M

ClientSampleId :
TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.0	27.0
125	4.3	9.9	14.9

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#88

Benzo(k)fluoranthene

Concen: 43.959 ng

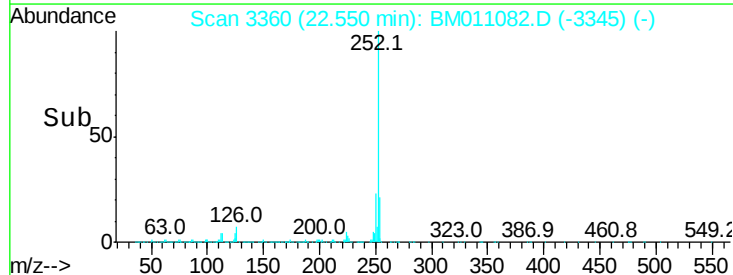
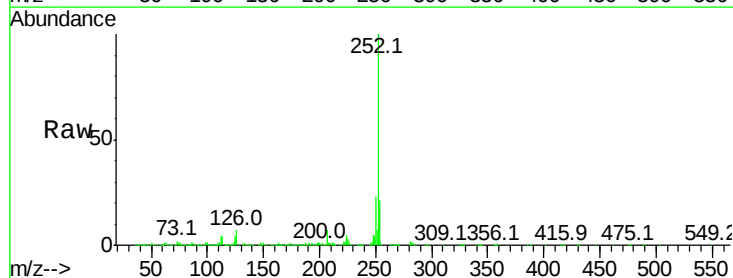
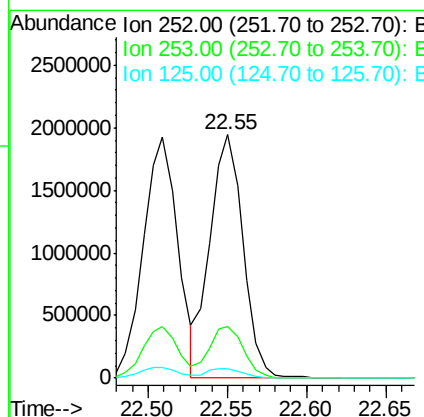
RT: 22.55 min Scan# 3360

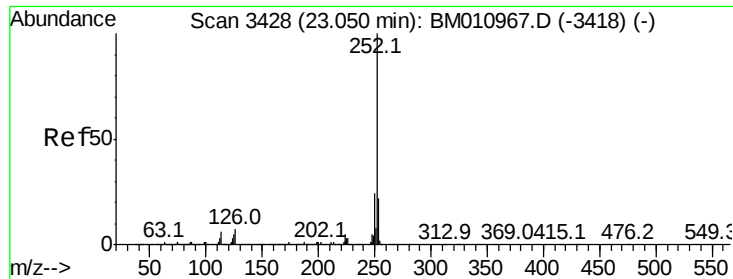
Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	4.1	8.1	12.1





#89

Benzo(a)pyrene

Concen: 45.536 ng

RT: 23.04 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Instrument :

BNA_M

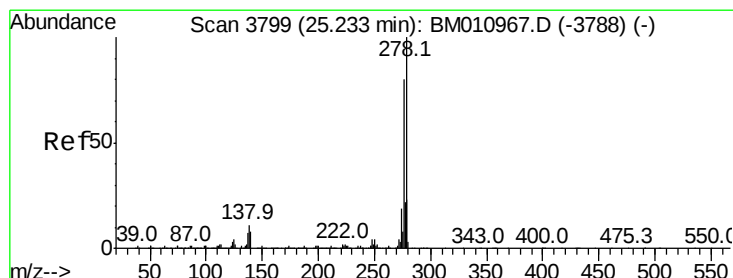
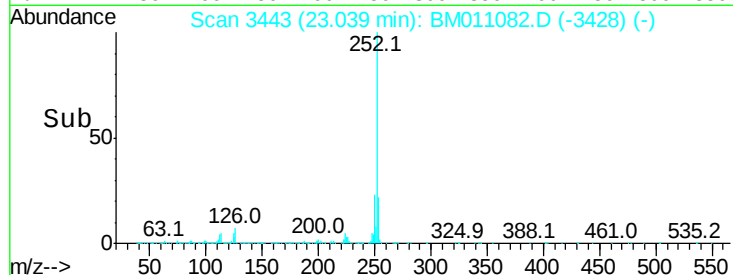
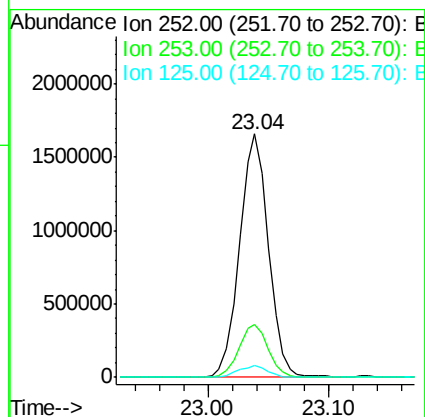
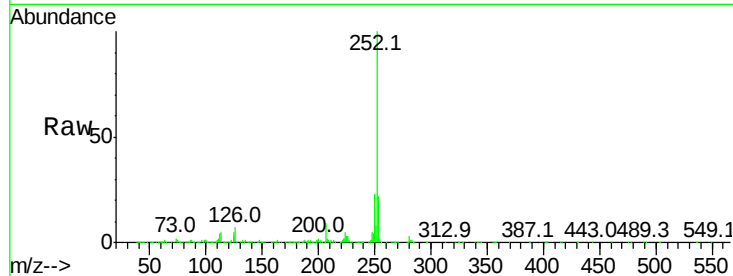
ClientSampleId :

TP-8-LENOX-AVEMSD

Tot Ion:	252	Resp:	2759220
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	4.7	7.4	11.2

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#90

Dibenzo(a,h)anthracene

Concen: 47.658 ng

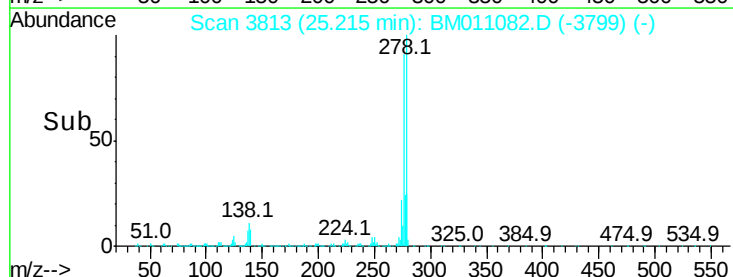
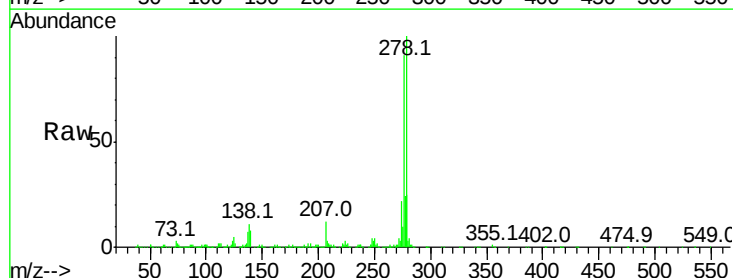
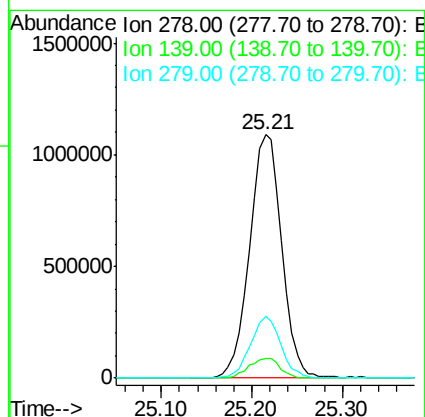
RT: 25.21 min Scan# 3813

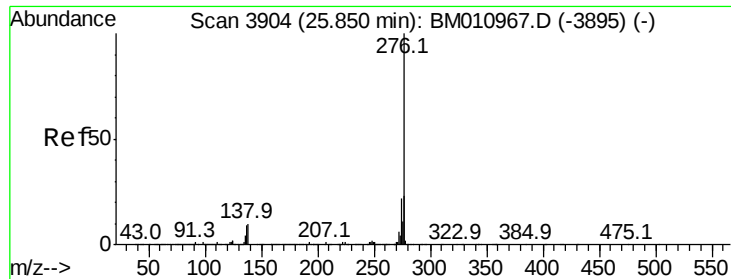
Delta R.T. -0.02 min

Lab File: BM011082.D

Acq: 01 Aug 2017 15:01

Tgt Ion:	278	Resp:	2677139
Ion	Ratio	Lower	Upper
278	100		
139	7.8	13.4	20.0
279	25.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.557 ng
 RT: 25.84 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BM011082.D
 Acq: 01 Aug 2017 15:01

Instrument :
 BNA_M
 ClientSampleId :
 TP-8-LENOX-AVEMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.5	27.7
138	8.9	19.0	28.6

Manual Integrations
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