

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071218\
 Data File : BM015923.D
 Acq On : 12 Jul 2018 20:07
 Operator : SJ/JU
 Sample : PB111042BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

Manual Integrations
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Sohil
 7/13/2018 2:50:10 PM

Quant Time: Jul 12 23:48:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	86340	20.00	ng	-0.03
21) Naphthalene-d8	11.11	136	348996	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	175394	20.00	ng	-0.02
63) Phenanthrene-d10	17.63	188	344586	20.00	ng	-0.02
75) Chrysene-d12	21.74	240	306805	20.00	ng	-0.02
86) Perylene-d12	24.14	264	296856	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.79	112	485628	96.46	ng	-0.02
7) Phenol-d6	7.44	99	620156	89.98	ng	-0.02
23) Nitrobenzene-d5	9.47	82	676626	94.60	ng	-0.03
41) 2,4,6-Tribromophenol	16.39	330	195464	85.29	ng	-0.02
44) 2-Fluorobiphenyl	13.53	172	1360770	96.32	ng	-0.03
78) Terphenyl-d14	20.20	244	1588551	96.04	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	72620	34.878	ng	# 100
3) Pyridine	3.99	79	191118	34.784	ng	# 76
4) n-Nitrosodimethylamine	3.90	42	174845	40.868	ng	# 44
6) Aniline	7.61	93	223723	26.774	ng	# 90
8) 2-Chlorophenol	7.85	128	255625	42.306	ng	96
9) Benzaldehyde	7.42	77	148336	34.147	ng	91
10) Phenol	7.47	94	294666	42.549	ng	94
11) bis(2-Chloroethyl)ether	7.70	93	213300	37.862	ng	88
12) 1,3-Dichlorobenzene	8.17	146	266036	39.711	ng	# 89
13) 1,4-Dichlorobenzene	8.32	146	269271	38.869	ng	# 95
14) 1,2-Dichlorobenzene	8.65	146	261527	39.034	ng	94
15) Benzyl Alcohol	8.54	79	226507	37.854	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.81	45	342768	55.711	ng	98
17) 2-Methylphenol	8.73	107	198350	41.340	ng	# 86
18) Hexachloroethane	9.37	117	113956	41.600	ng	97
19) n-Nitroso-di-n-propylamine	9.10	70	193520	34.937	ng	# 78
20) 3+4-Methylphenols	9.07	107	264478	39.684	ng	89
22) Acetophenone	9.13	105	364116	40.050	ng	# 86
24) Nitrobenzene	9.52	77	307534	44.169	ng	99
25) Isophorone	10.04	82	493349	45.189	ng	# 94
26) 2-Nitrophenol	10.23	139	126898	42.325	ng	# 58
27) 2,4-Dimethylphenol	10.27	122	219812	48.260	ng	# 85
28) bis(2-Chloroethoxy)methane	10.51	93	293508	41.265	ng	99
29) 2,4-Dichlorophenol	10.76	162	225784	44.758	ng	97
30) 1,2,4-Trichlorobenzene	10.97	180	245462	41.894	ng	97
31) Naphthalene	11.16	128	755963	41.780	ng	99
32) Benzoic acid	10.45	122	131322	32.565	ng	85
33) 4-Chloroaniline	11.29	127	128496	17.418	ng	# 89
34) Hexachlorobutadiene	11.42	225	159086	40.684	ng	96
35) Caprolactam	12.09	113	58936m	35.228	ng	
36) 4-Chloro-3-methylphenol	12.39	107	237076	40.959	ng	86
37) 2-Methylnaphthalene	12.75	142	543041	42.190	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	257476	45.738	ng	# 100
40) Hexachlorocyclopentadiene	13.07	237	284143	104.774	ng	98

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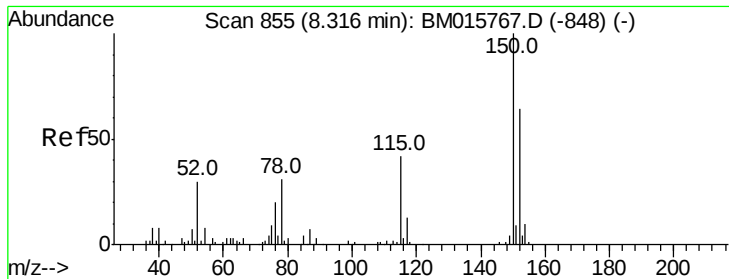
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.36	196	167117	46.964	ng	98
43) 2,4,5-Trichlorophenol	13.43	196	165716	43.111	ng	# 85
45) 1,1'-Biphenyl	13.75	154	668395	44.076	ng	99
46) 2-Chloronaphthalene	13.80	162	515285	45.447	ng	# 90
47) 2-Nitroaniline	14.01	65	170182	43.041	ng	# 77
48) Acenaphthylene	14.64	152	798646	43.300	ng	99
49) Dimethylphthalate	14.36	163	633409	40.948	ng	99
50) 2,6-Dinitrotoluene	14.50	165	131326	43.543	ng	# 69
51) Acenaphthene	14.97	154	464917	40.508	ng	98
52) 3-Nitroaniline	14.83	138	83646	25.338	ng	# 79
53) 2,4-Dinitrophenol	15.05	184	107436	71.954	ng	# 83
54) Dibenzofuran	15.30	168	743545	42.043	ng	# 85
55) 4-Nitrophenol	15.13	139	182419	74.874	ng	# 79
56) 2,4-Dinitrotoluene	15.28	165	176527	40.541	ng	99
57) Fluorene	15.95	166	582504	39.941	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.53	232	140879	43.432	ng	# 100
59) Diethylphthalate	15.70	149	642860	38.782	ng	95
60) 4-Chlorophenyl-phenylether	15.93	204	292043	38.916	ng	# 89
61) 4-Nitroaniline	15.99	138	112558	32.867	ng	# 29
62) Azobenzene	16.22	77	712420	45.849	ng	79
64) 4,6-Dinitro-2-methylphenol	16.04	198	78244	37.351	ng	88
65) n-Nitrosodiphenylamine	16.15	169	500744	42.410	ng	98
66) 4-Bromophenyl-phenylether	16.82	248	171134	44.481	ng	# 80
67) Hexachlorobenzene	16.94	284	186195	43.309	ng	# 74
68) Atrazine	17.08	200	166620	42.902	ng	97
69) Pentachlorophenol	17.29	266	187105	70.333	ng	98
70) Phenanthrene	17.68	178	840952	42.657	ng	99
71) Anthracene	17.77	178	854047	44.114	ng	99
72) Carbazole	18.04	167	738349	40.926	ng	97
73) Di-n-butylphthalate	18.56	149	988727	40.661	ng	# 97
74) Fluoranthene	19.66	202	875495	38.630	ng	99
76) Benzidine	19.83	184	447090	49.737	ng	97
77) Pyrene	20.02	202	880683	46.081	ng	99
79) Butylbenzylphthalate	20.87	149	420922	45.563	ng	# 86
80) Benzo(a)anthracene	21.73	228	835110	42.931	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	202455	28.967	ng	99
82) Chrysene	21.78	228	772411	42.626	ng	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	588621	43.122	ng	94
84) Di-n-octyl phthalate	22.53	149	978555	43.965	ng	# 89
85) Indeno(1,2,3-cd)pyrene	26.60	276	943927	56.067	ng	# 93
87) Benzo(b)fluoranthene	23.41	252	808375	40.787	ng	# 95
88) Benzo(k)fluoranthene	23.46	252	775391	40.274	ng	99
89) Benzo(a)pyrene	24.03	252	770468	44.162	ng	99
90) Dibenzo(a,h)anthracene	26.60	278	803860	51.211	ng	97
91) Benzo(g,h,i)perylene	27.36	276	747426	54.192	ng	94

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



#1

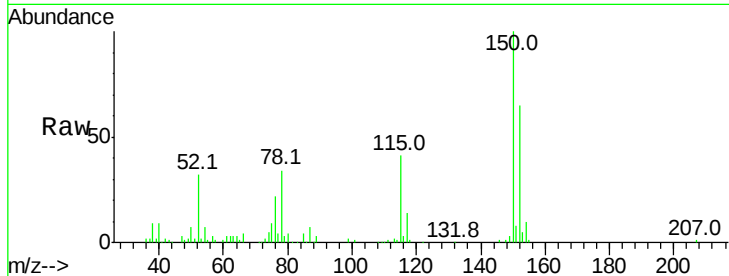
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.5	179.3
115	63.8	43.0	64.4

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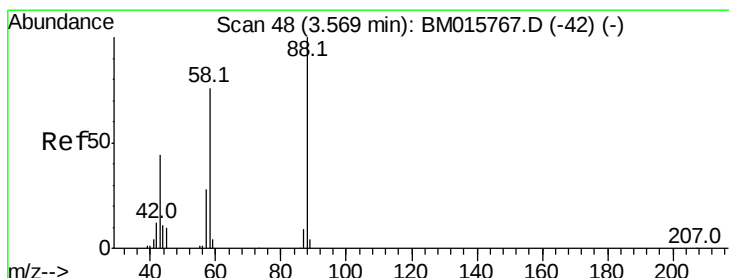
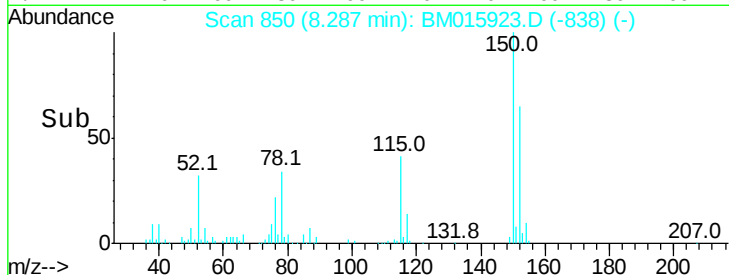
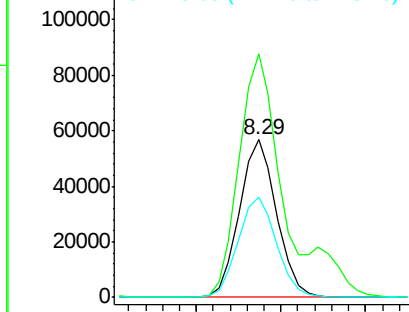


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

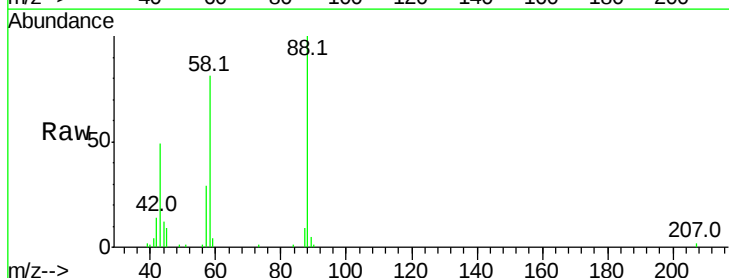
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.878 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	0.0	0.0#
43	46.6	0.0	0.0#

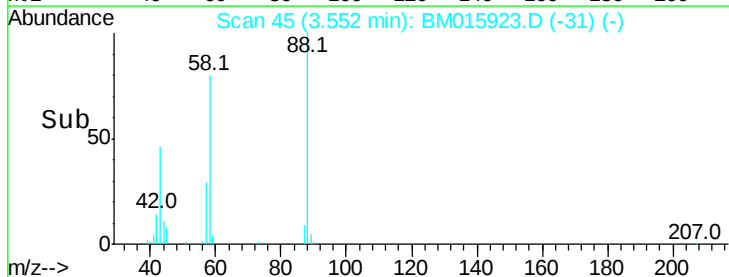
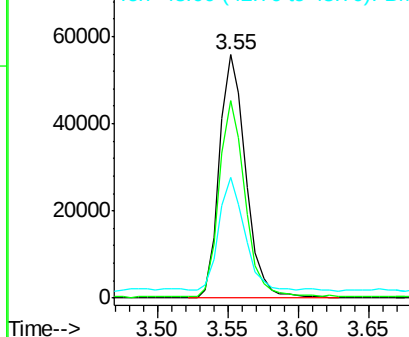


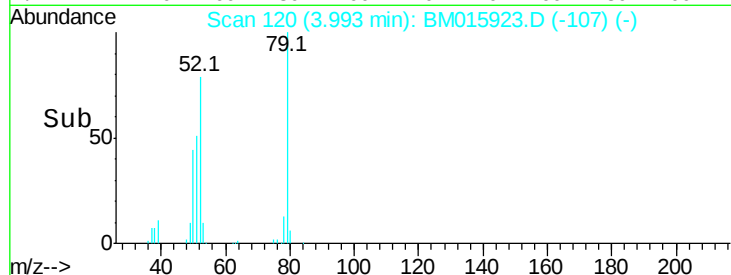
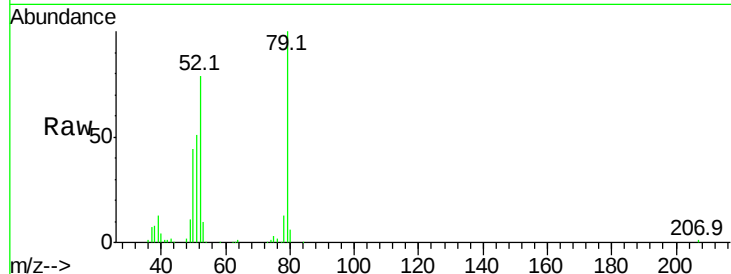
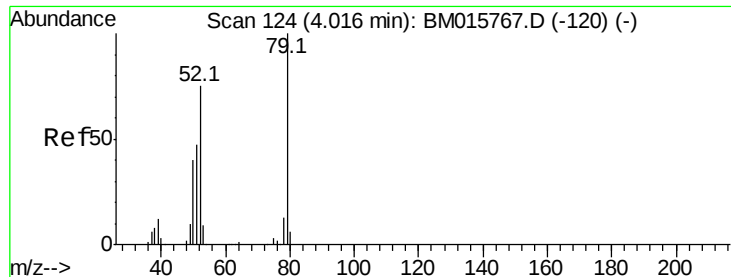
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





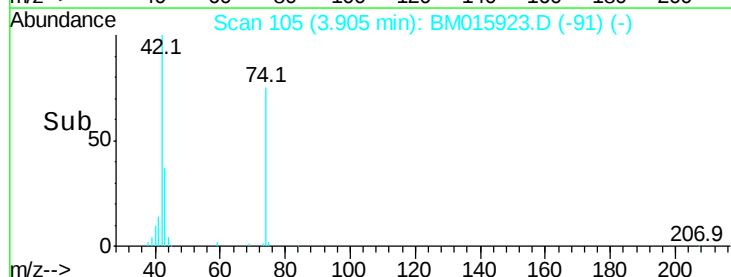
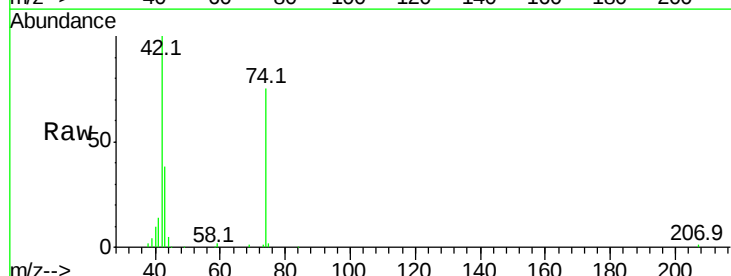
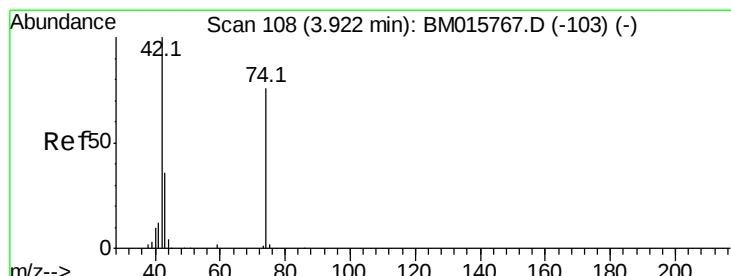
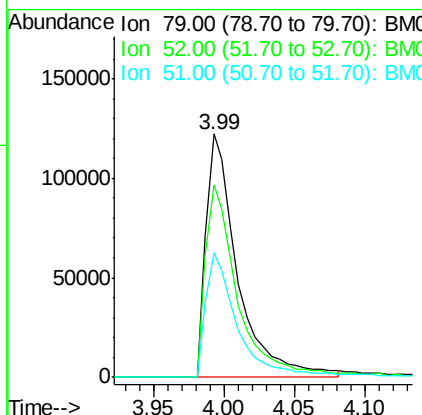
#3
Pvridine
Concen: 34.784 ng
RT: 3.99 min Scan# 120
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	79.3	51.1	76.7#	
51	51.0	26.1	39.1#	

Instrument :
BNA_M
ClientSampleId :
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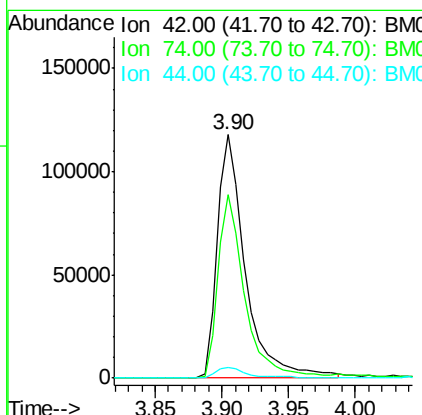
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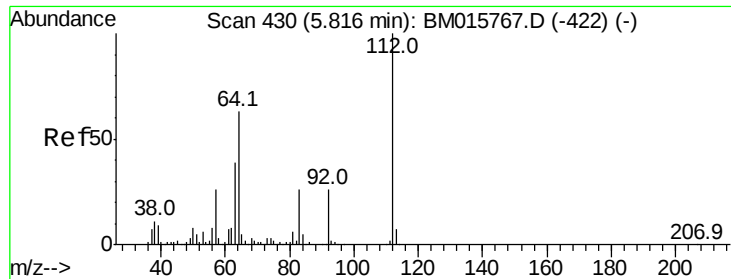
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#4
n-Nitrosodimethylamine
Concen: 40.868 ng
RT: 3.90 min Scan# 105
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	75.2	119.3	178.9#	
44	4.6	5.4	8.2#	





#5

2-Fluorophenol

Concen: 40.868 ng

RT: 5.79 min Scan# 426

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Instrument :

BNA_M

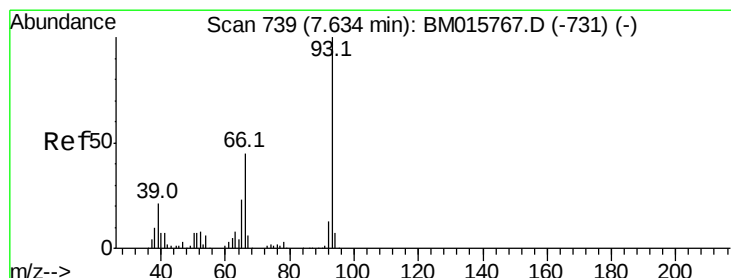
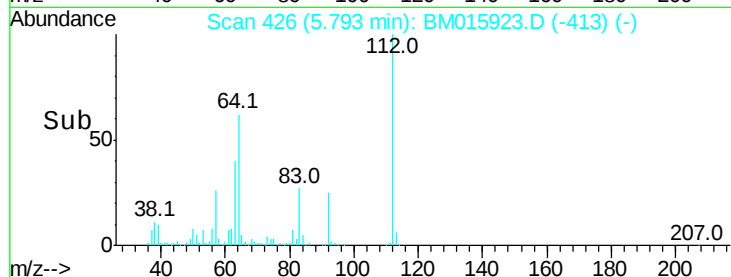
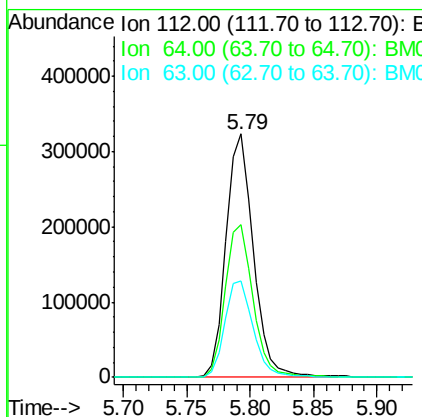
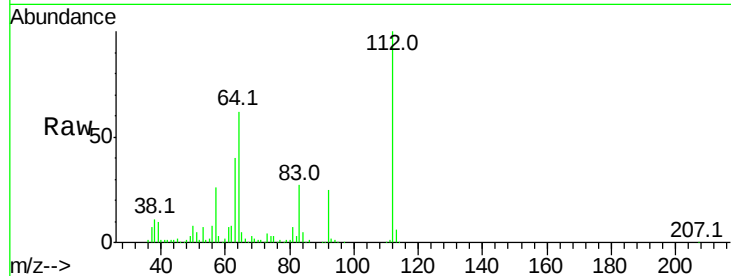
ClientSampleId :

PB111042BSD

Tot Ion:	112	Resp:	485628
Ion Ratio	Lower	Upper	
112	100		
64	62.5	38.6	57.8#
63	39.5	19.3	28.9#

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#6

Aniline

Concen: 26.774 ng

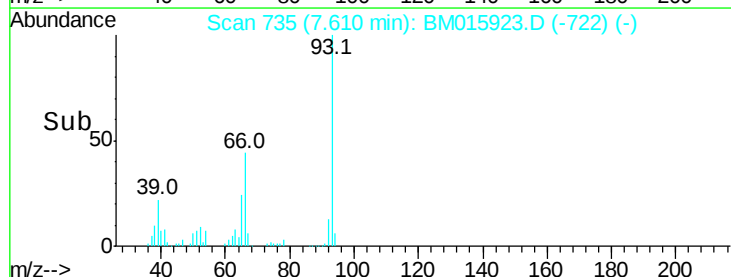
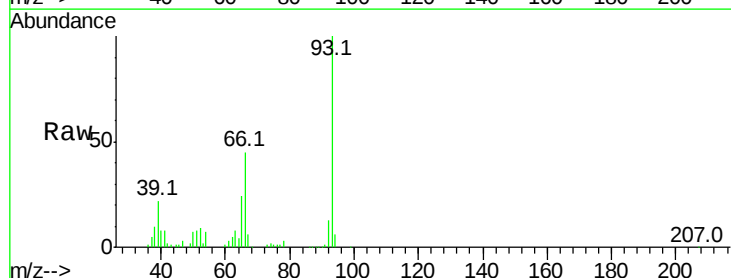
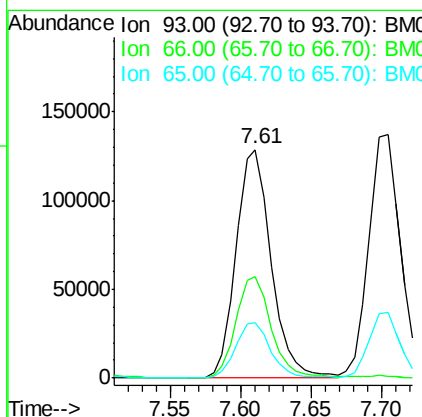
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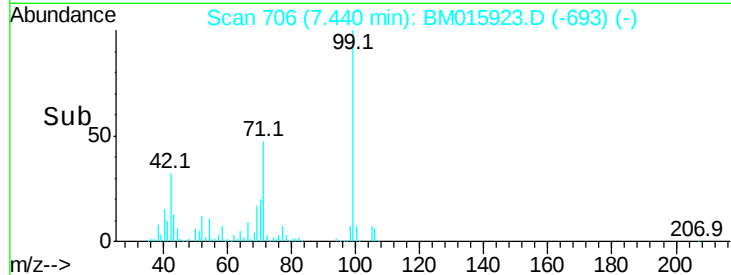
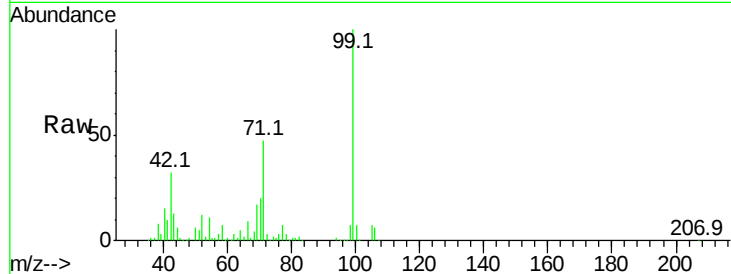
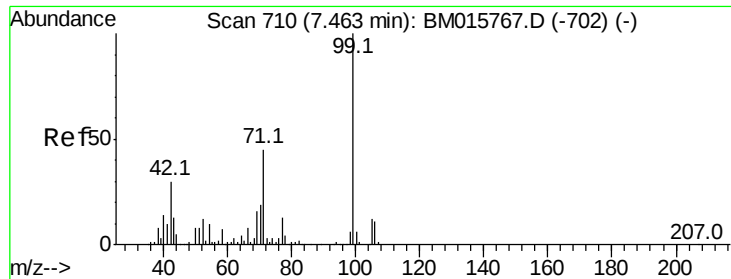
Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Tgt Ion:	93	Resp:	223723
Ion Ratio	Lower	Upper	
93	100		
66	44.6	30.8	46.2
65	24.4	16.0	24.0#





#7

Phenol-d6

Concen: 26.774 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		620156		
42	32.2	11.0	16.4#		
71	46.8	23.4	35.2#		

Instrument :

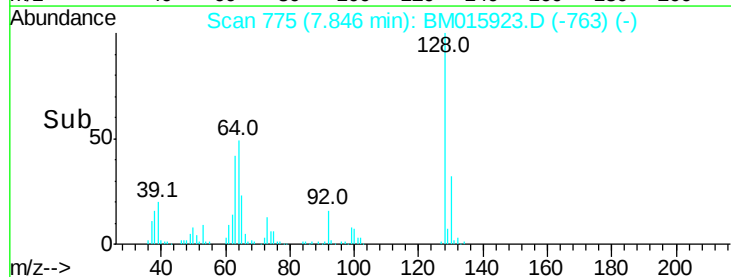
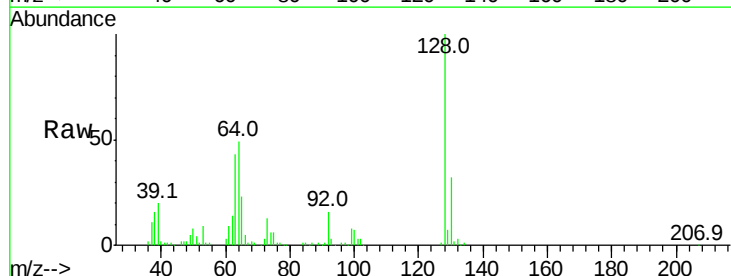
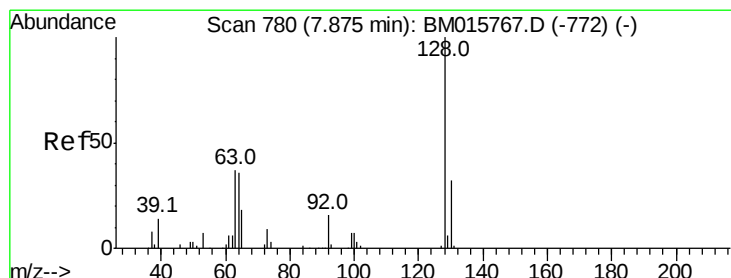
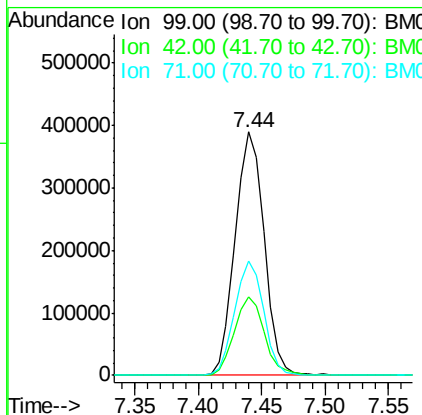
BNA_M

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#8

2-Chlorophenol

Concen: 42.306 ng

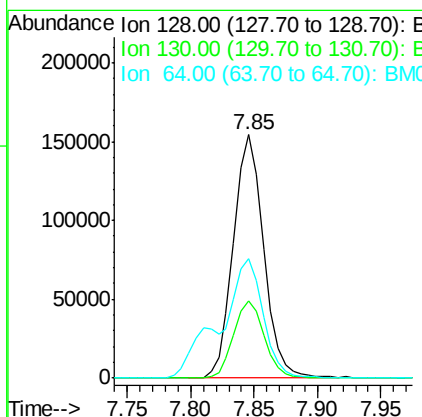
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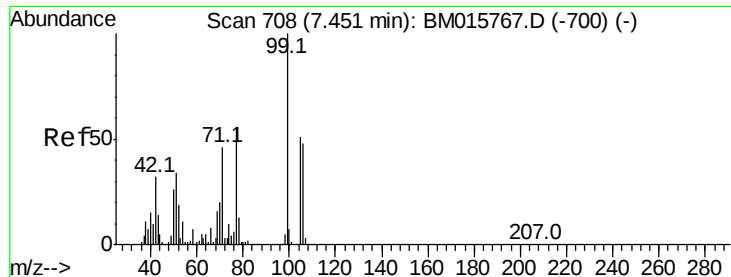
Delta R.T. -0.03 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		255625		
130	31.9	12.0	52.0		
64	49.0	24.9	64.9		





#9

Benzaldehyde

Concen: 34.147 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.03 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Instrument :

BNA_M

ClientSampleId :

PB111042BSD

Tot Ion: 77 Resp: 148336

Ion Ratio Lower Upper

77 100

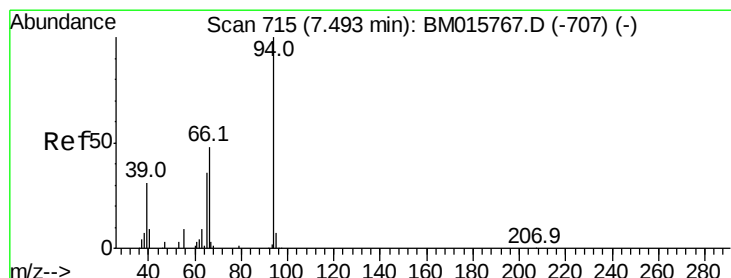
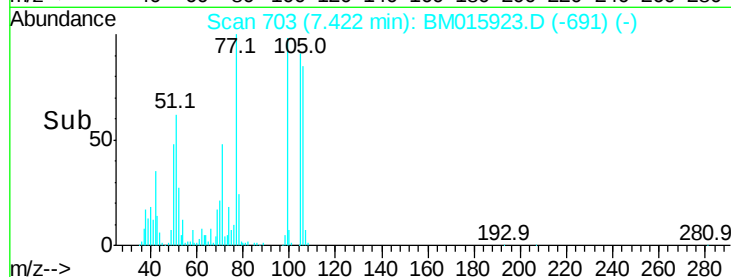
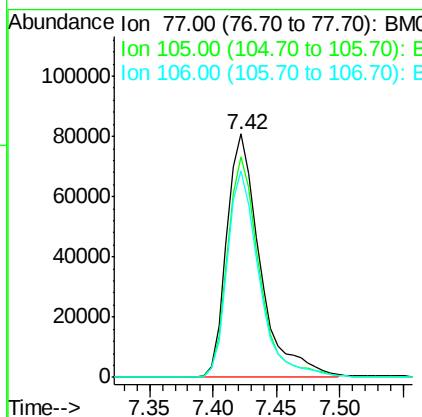
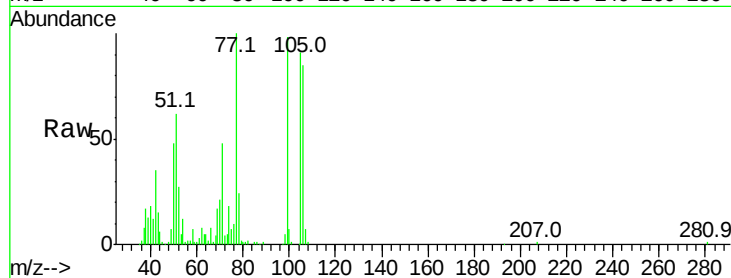
105 90.7 78.8 118.8

106 84.7 73.7 113.7

Manual Integrations
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#10

Phenol

Concen: 42.549 ng

RT: 7.47 min Scan# 711

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

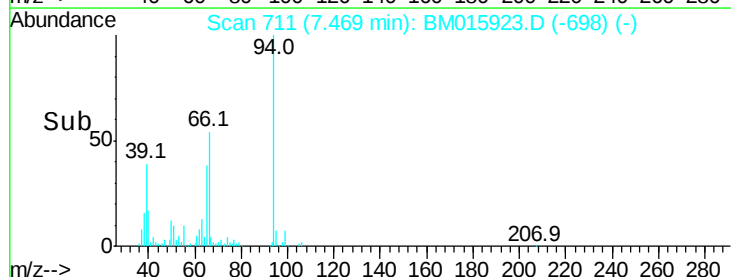
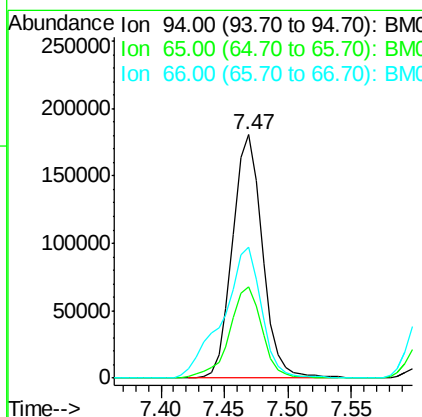
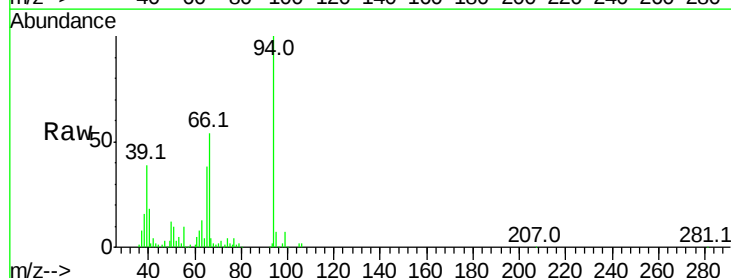
Tgt Ion: 94 Resp: 294666

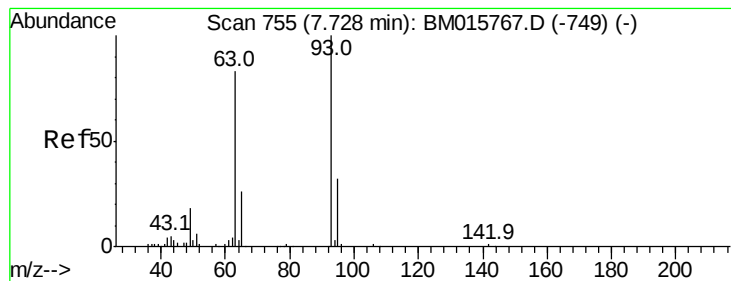
Ion Ratio Lower Upper

94 100

65 37.7 18.8 58.8

66 53.7 39.9 79.9





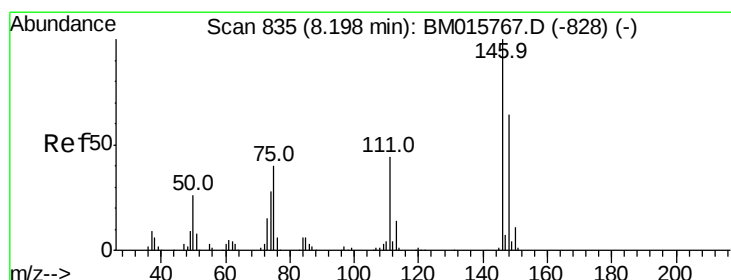
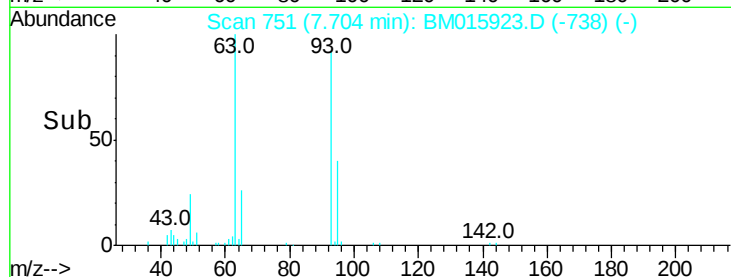
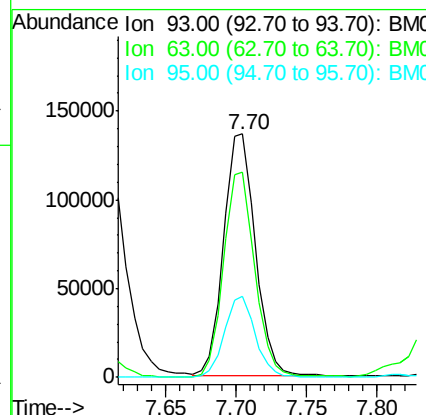
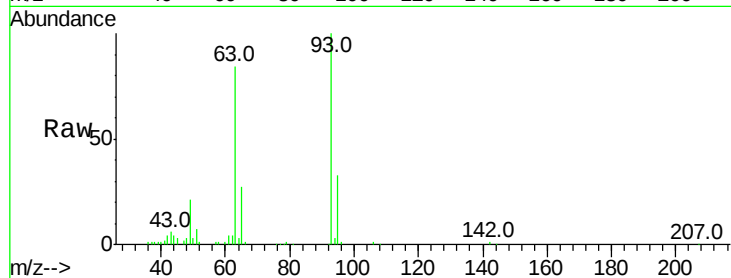
#11
bis(2-Chloroethyl)ether
Concen: 37.862 ng
RT: 7.70 min Scan# 751
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	84.2	49.5	89.5	
95	33.3	13.5	53.5	

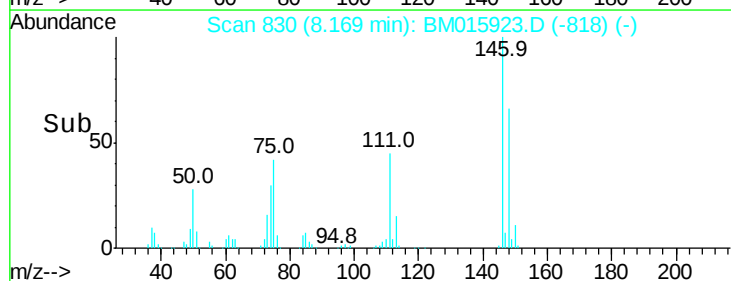
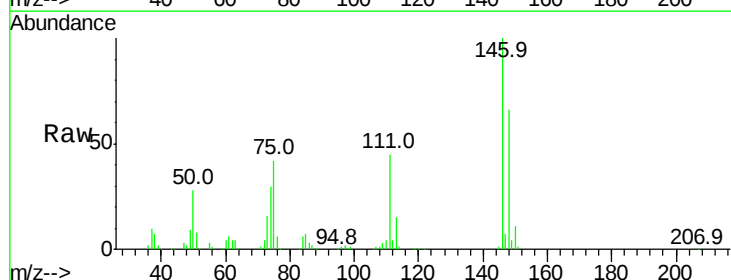
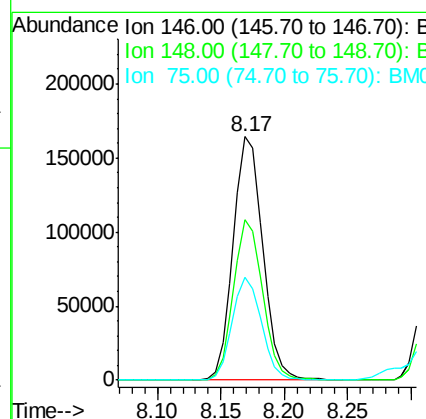
Manual Integrations
APPROVED

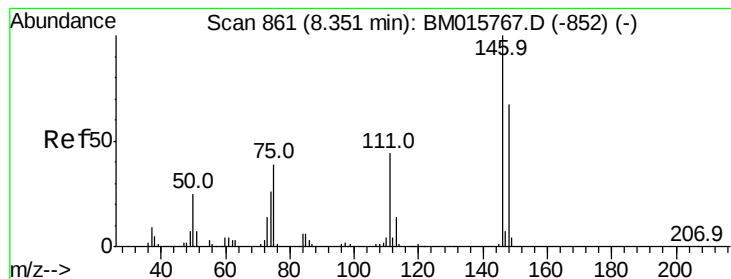
Sohil
7/13/2018 2:50:10 PM



#12
1,3-Dichlorobenzene
Concen: 39.711 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.9	50.9	76.3	
75	42.5	21.4	32.2	





#13

1,4-Dichlorobenzene

Concen: 38.869 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.03 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Instrument :

BNA_M

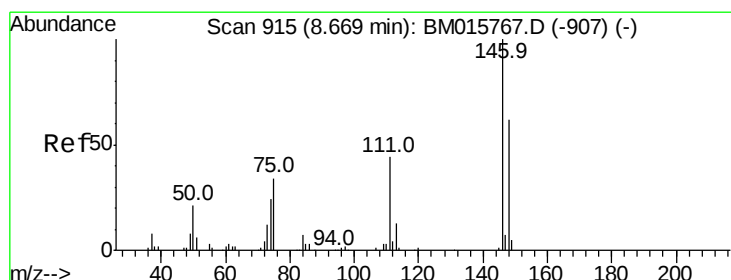
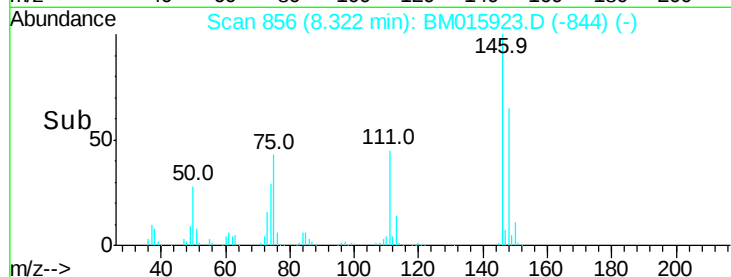
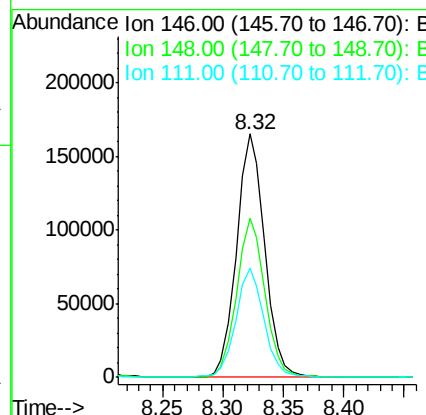
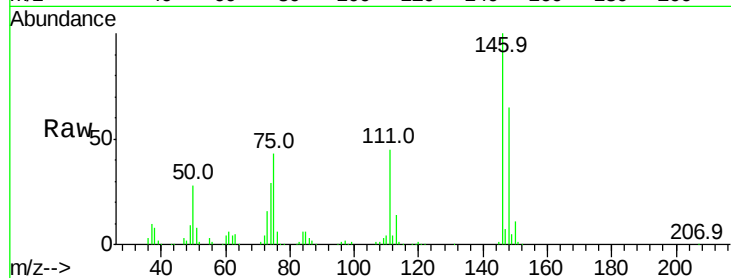
ClientSampleId :

PB111042BSD

Tot Ion:	146	Resp:	269271
Ion Ratio	Lower	Upper	
146	100		
148	65.3	51.9	77.9
111	44.8	29.2	43.8

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.034 ng

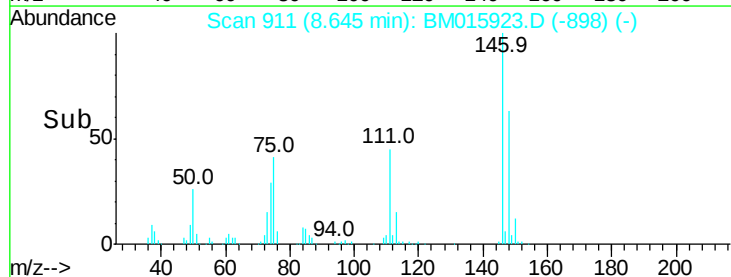
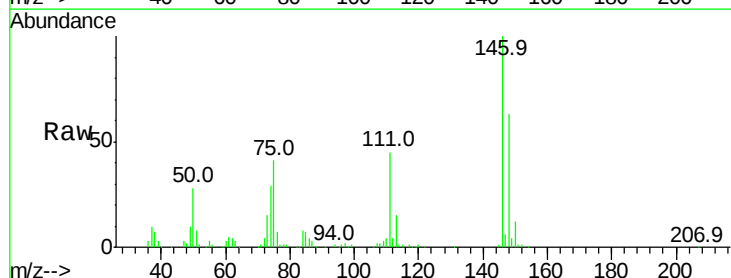
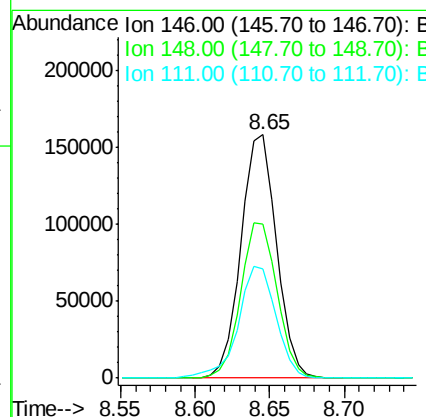
RT: 8.65 min Scan# 911

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Tgt Ion:	146	Resp:	261527
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.3	78.5
111	45.1	30.6	45.8





#15

Benzyl Alcohol

Concen: 37.854 ng

RT: 8.54 min Scan# 893

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Instrument :

BNA_M

ClientSampleId :

PB111042BSD

Tot Ion: 79 Resp: 226507

Ion Ratio Lower Upper

79 100

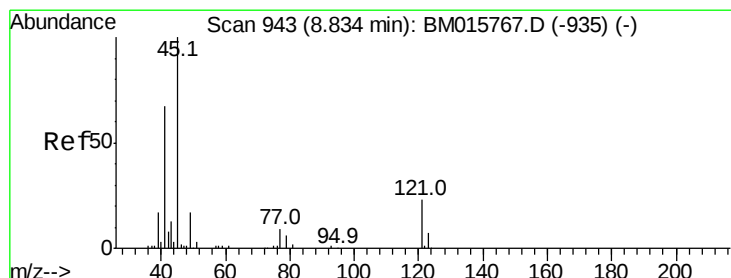
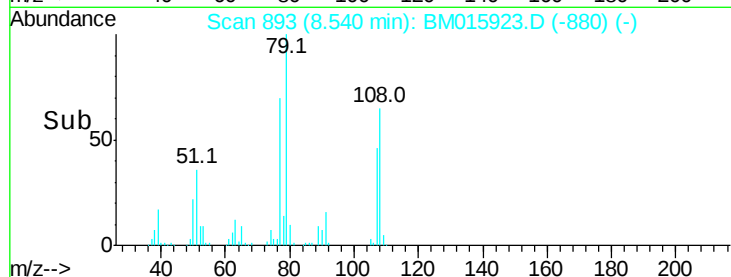
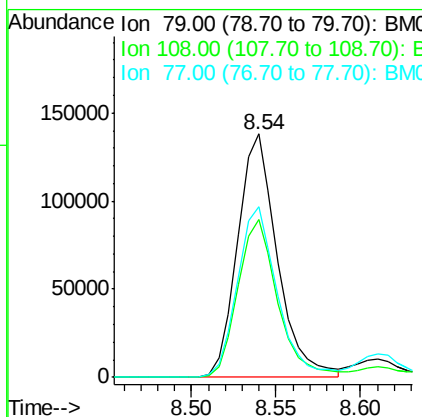
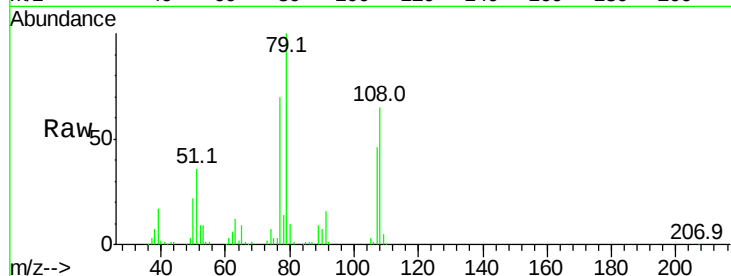
108 64.6 65.0 97.4#

77 70.3 53.0 79.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 55.711 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

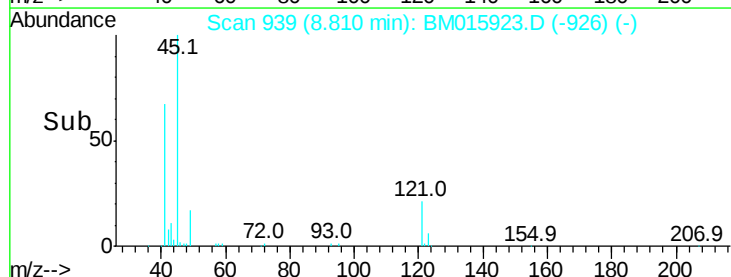
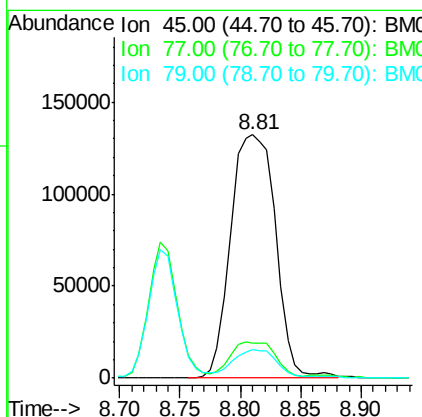
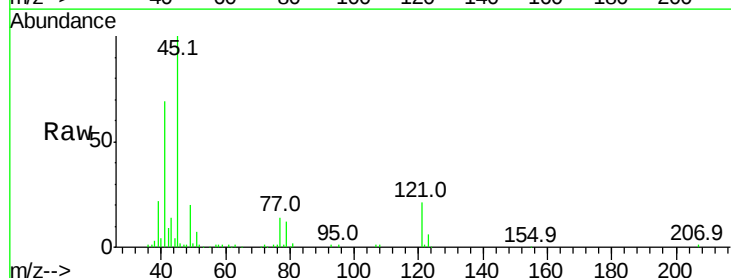
Tgt Ion: 45 Resp: 342768

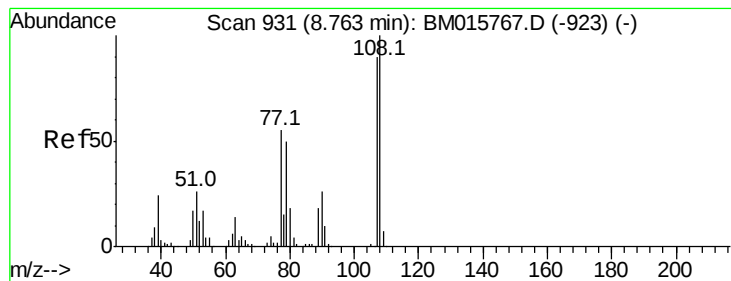
Ion Ratio Lower Upper

45 100

77 14.2 0.0 35.2

79 11.5 0.0 32.0





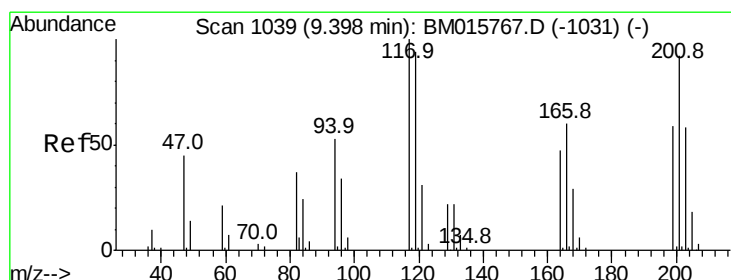
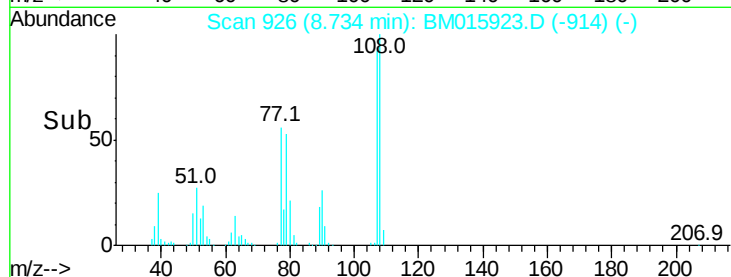
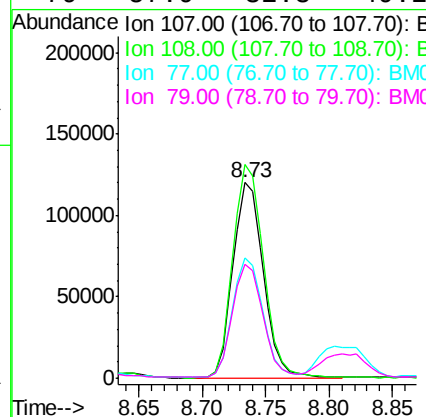
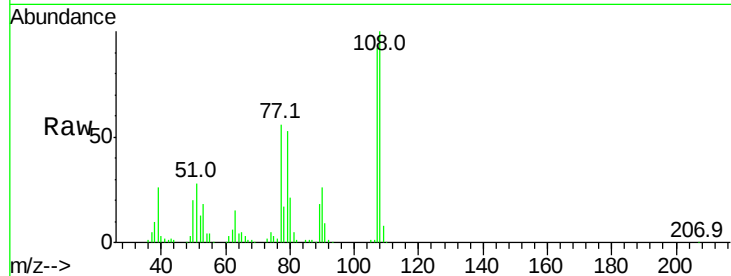
#17
2-Methylphenol
Concen: 41.340 ng
RT: 8.73 min Scan# 926
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	89.8	134.8	
77	61.2	32.6	48.8#	
79	57.9	32.8	49.2#	

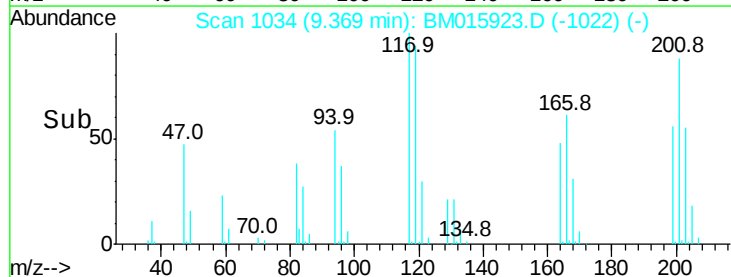
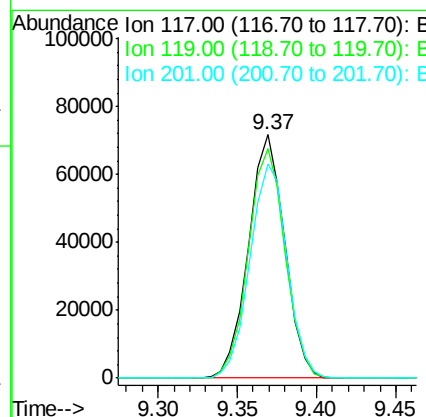
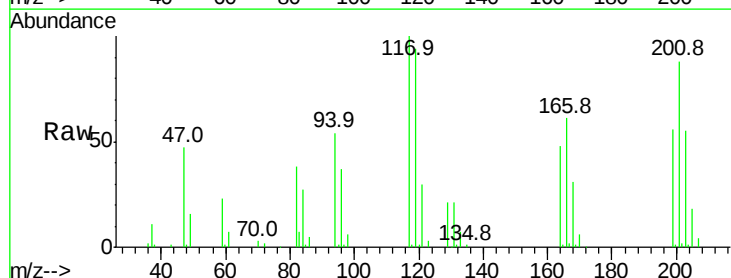
Manual Integrations
APPROVED

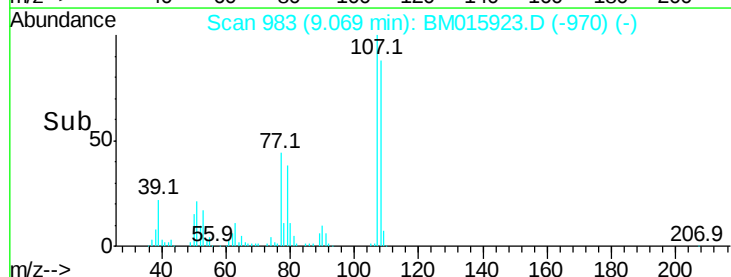
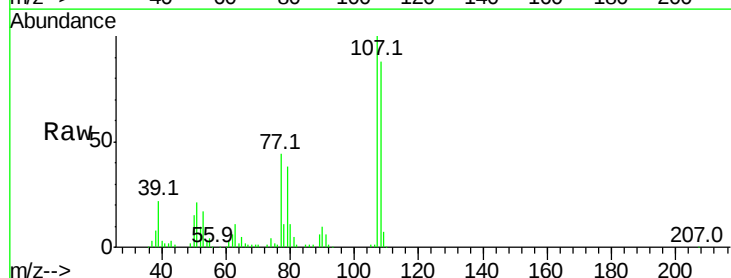
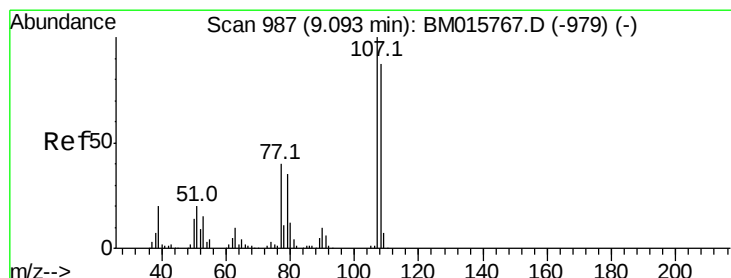
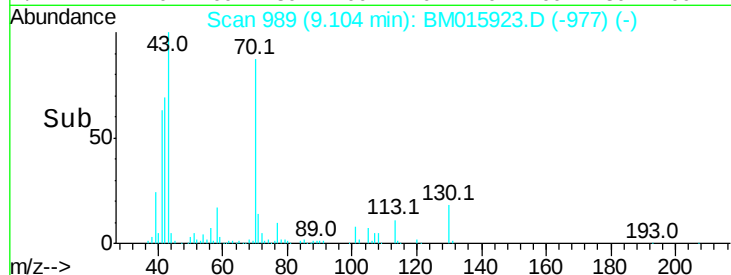
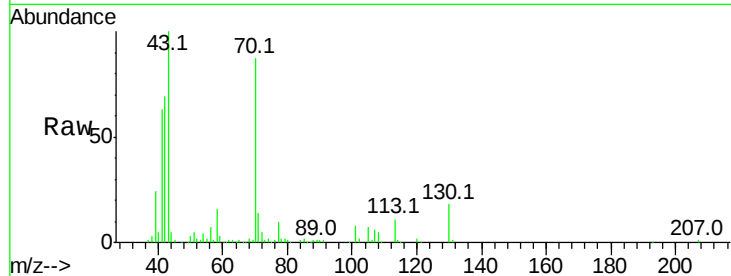
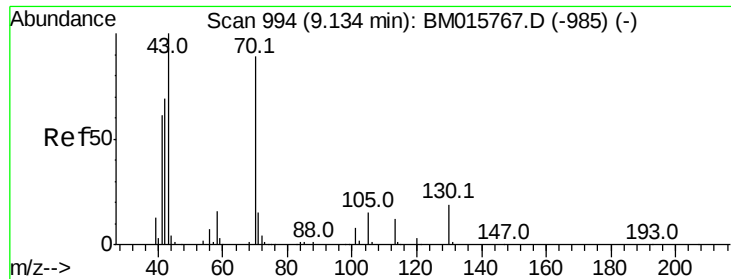
Sohil
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#18
Hexachloroethane
Concen: 41.600 ng
RT: 9.37 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.3	79.2	118.8	
201	88.0	69.8	104.6	





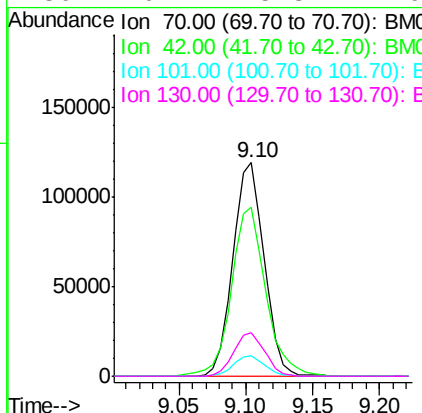
#19
n-Nitroso-di-n-propylamine
Concen: 34.937 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	79.1	44.5	66.7#
101	9.4	7.4	11.2
130	20.7	15.3	22.9

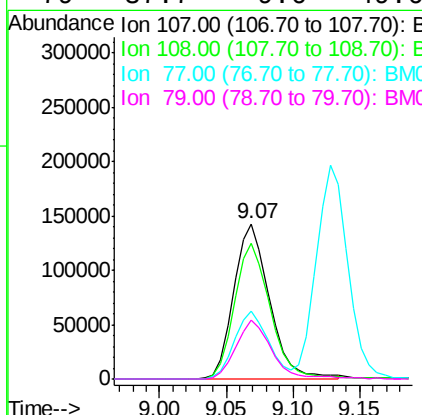
Manual Integrations
APPROVED

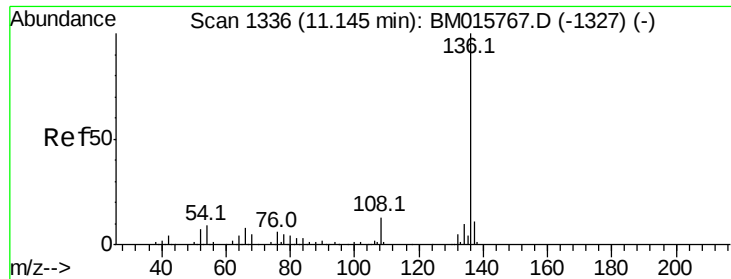
Sohil
7/13/2018 2:50:10 PM



#20
3+4-Methylphenols
Concen: 39.684 ng
RT: 9.07 min Scan# 983
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	73.2	113.2
77	43.9	10.7	50.7
79	37.7	9.6	49.6





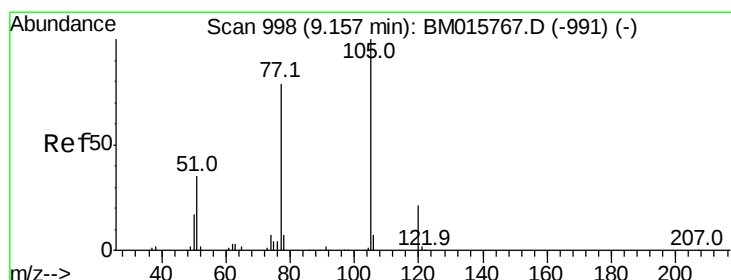
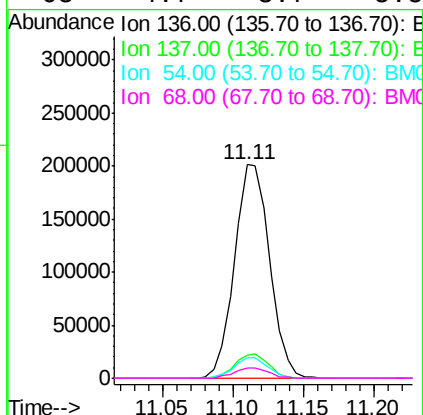
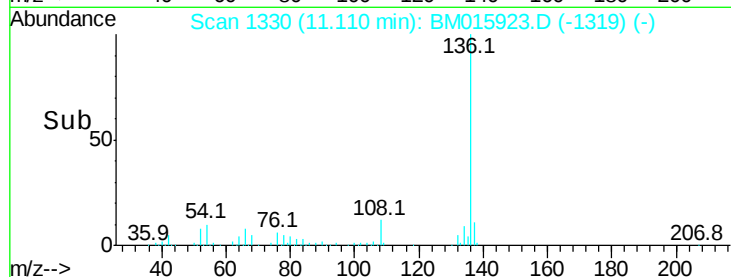
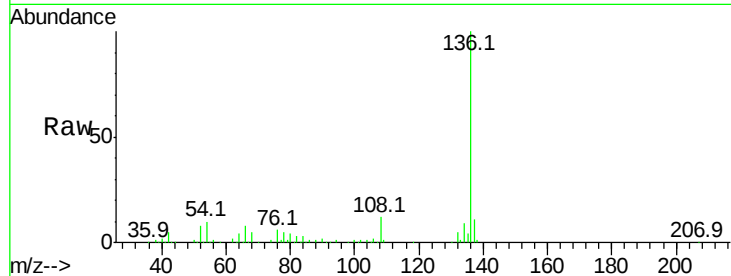
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.11 min Scan# 1330
Delta R.T. -0.04 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.7	13.1	
54	9.6	4.6	6.8#	
68	4.7	3.7	5.5	

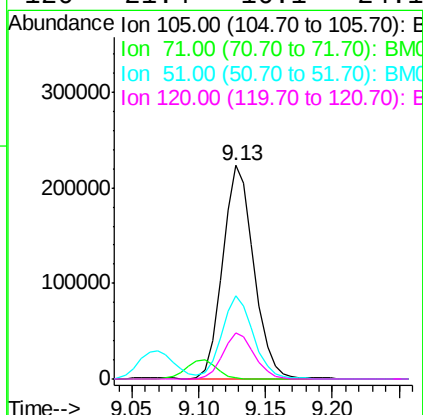
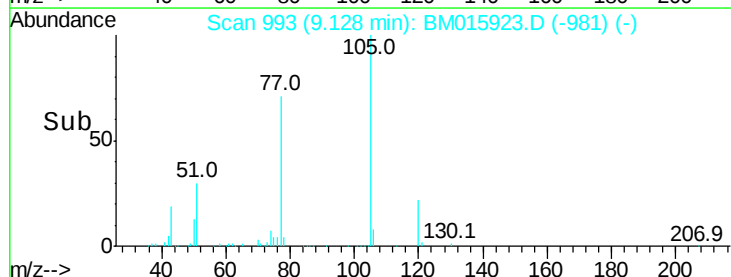
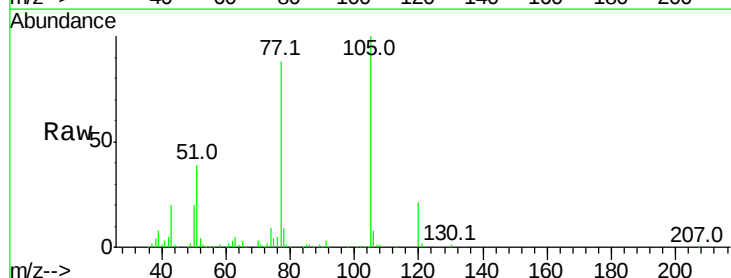
Manual Integrations
APPROVED

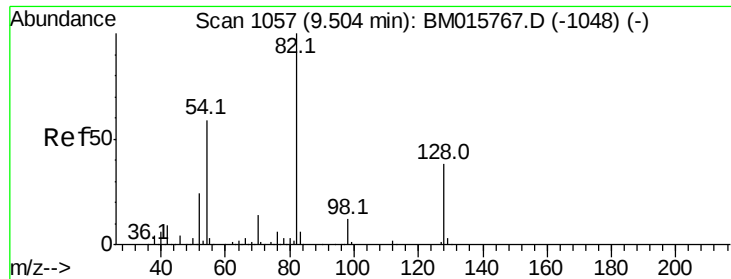
Sohil
7/13/2018 2:50:10 PM



#22
Acetophenone
Concen: 40.050 ng
RT: 9.13 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.5	0.6	1.0#	
51	38.9	21.6	32.4#	
120	21.4	16.1	24.1	





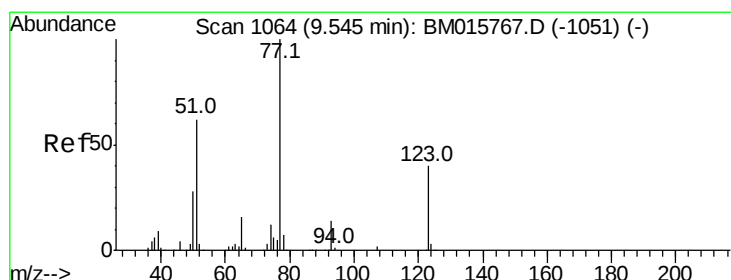
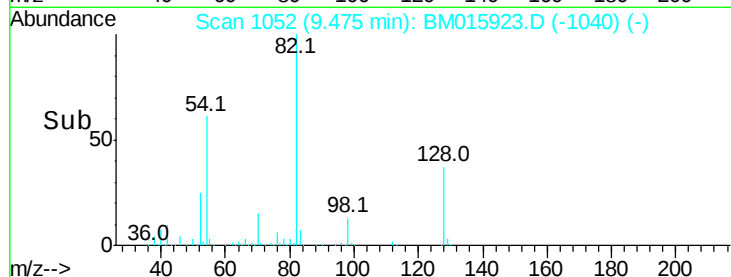
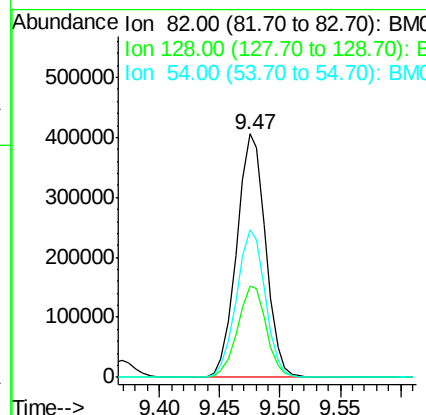
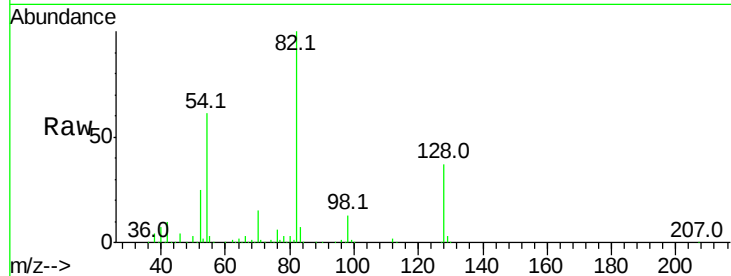
#23
 Nitrobenzene-d5
 Concen: 40.050 ng
 RT: 9.47 min Scan# 1052
 Delta R.T. -0.03 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	676626		
128	37.4		32.8	49.2
54	60.6		40.6	60.8

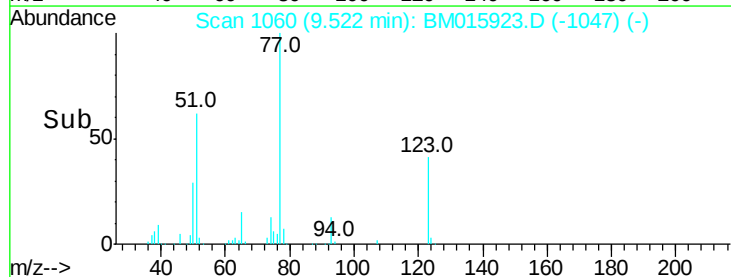
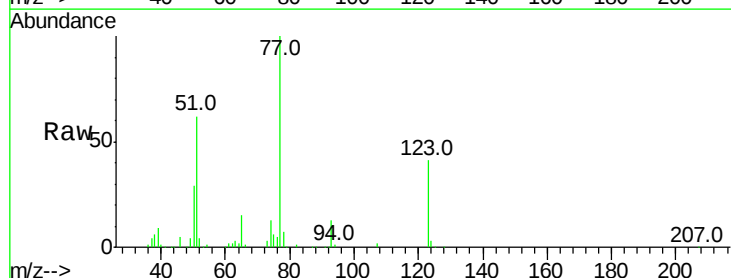
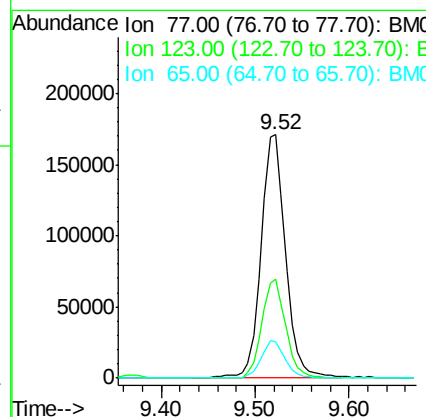
Manual Integrations
 APPROVED

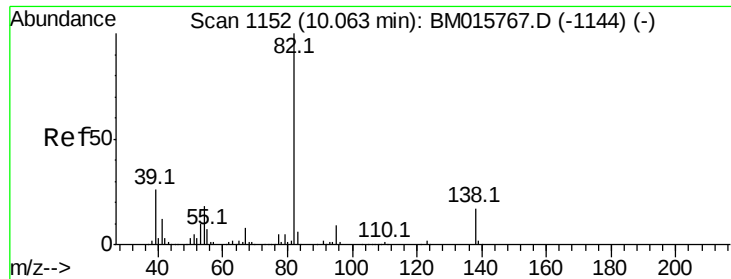
Sohil
 7/13/2018 2:50:10 PM



#24
 Nitrobenzene
 Concen: 44.169 ng
 RT: 9.52 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	307534		
123	40.5		32.6	49.0
65	15.1		10.9	16.3





#25

Isophorone

Concen: 45.189 ng

RT: 10.04 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Instrument :

BNA_M

ClientSampleId :

PB111042BSD

Tot Ion: 82 Resp: 493349

Ion Ratio Lower Upper

82 100

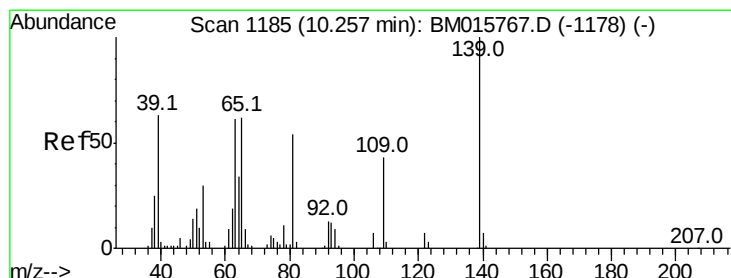
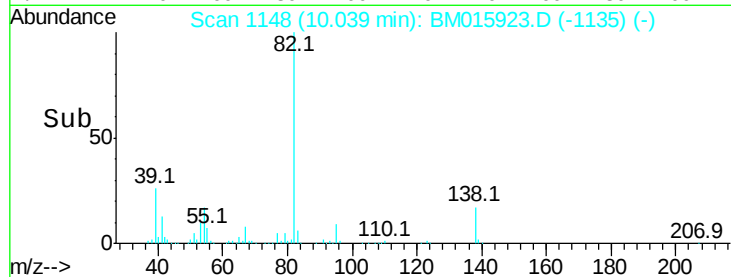
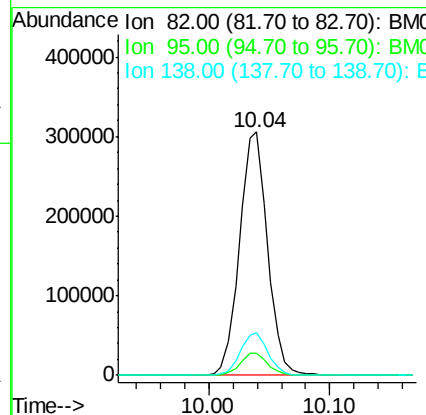
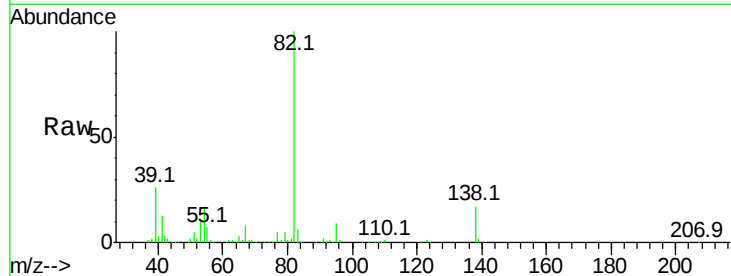
95 9.0 5.8 8.6#

138 17.4 16.3 24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.325 ng

RT: 10.23 min Scan# 1180

Delta R.T. -0.03 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

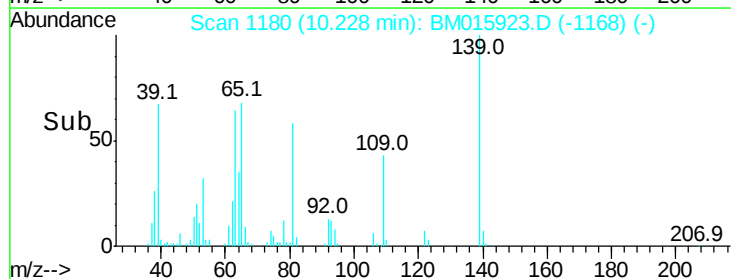
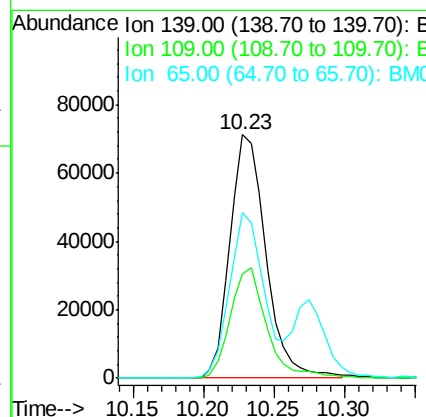
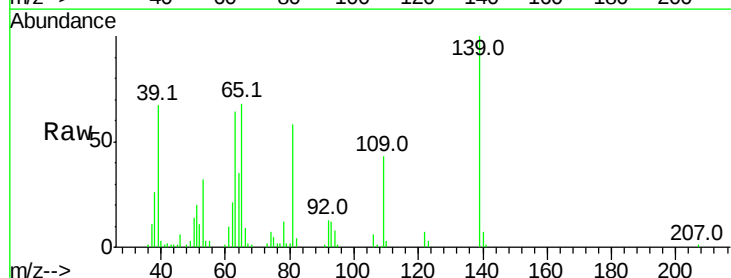
Tgt Ion: 139 Resp: 126898

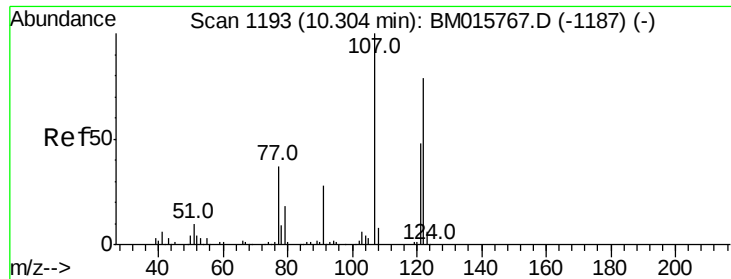
Ion Ratio Lower Upper

139 100

109 42.5 20.1 30.1#

65 68.2 31.5 47.3#





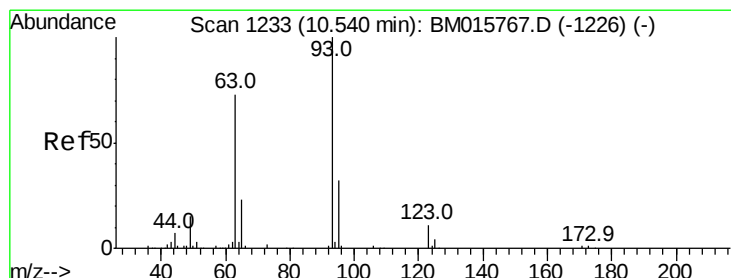
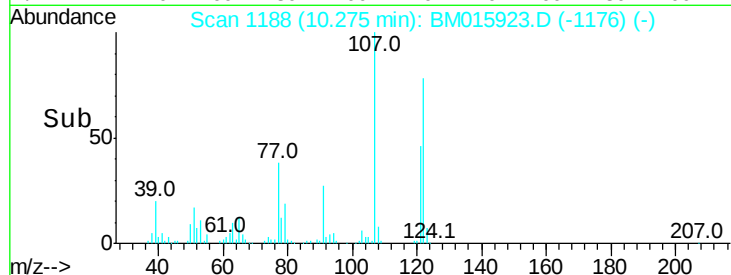
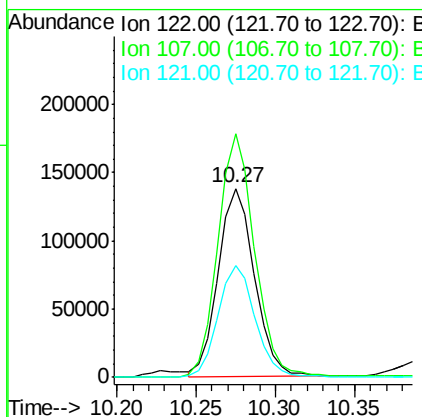
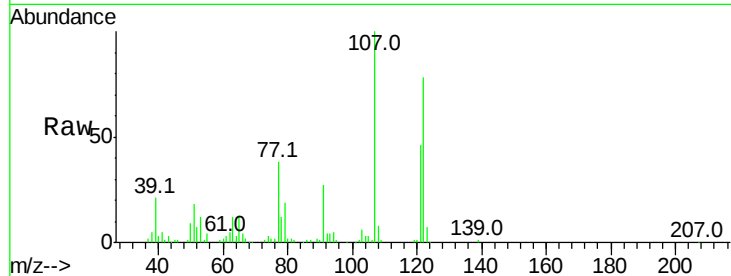
#27
 2,4-Dimethylphenol
 Concen: 48.260 ng
 RT: 10.27 min Scan# 1188
 Delta R.T. -0.03 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	219812		
107	128.9	84.7	127.1#	
121	59.4	46.6	69.8	

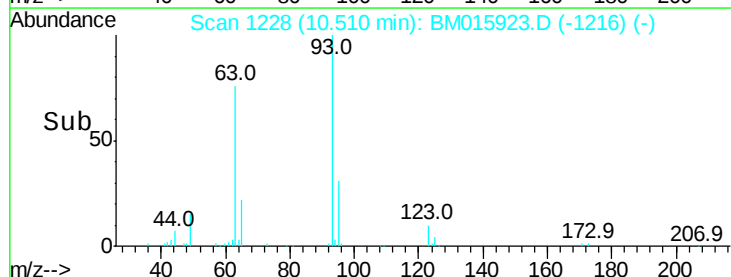
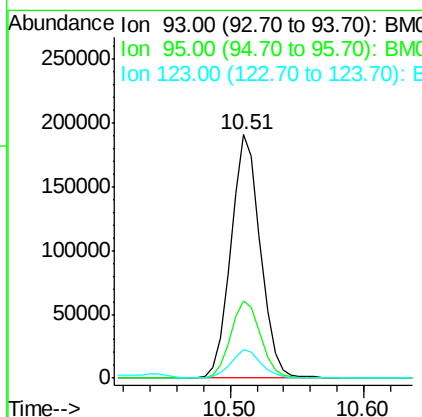
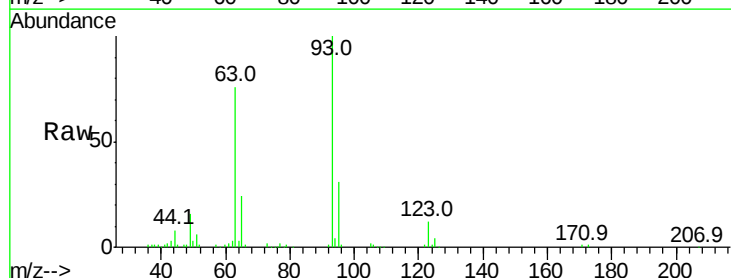
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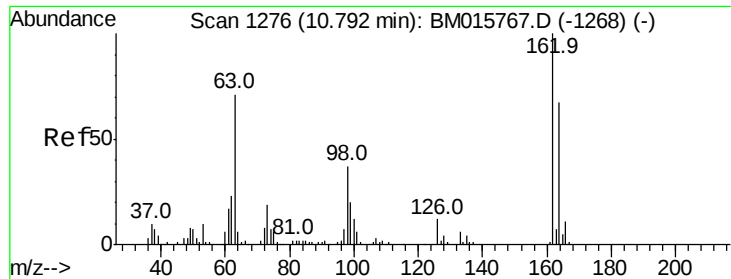
Sohil
 7/13/2018 2:50:10 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.265 ng
 RT: 10.51 min Scan# 1228
 Delta R.T. -0.03 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	293508		
95	31.5	25.5	38.3	
123	11.5	8.6	13.0	





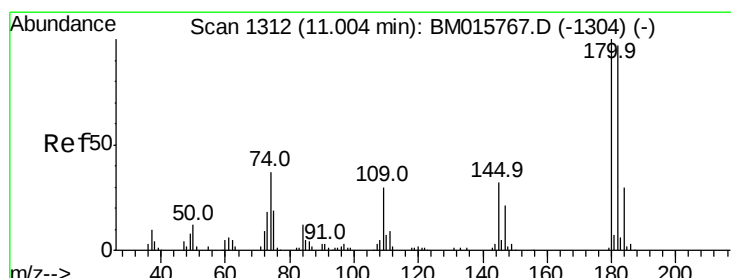
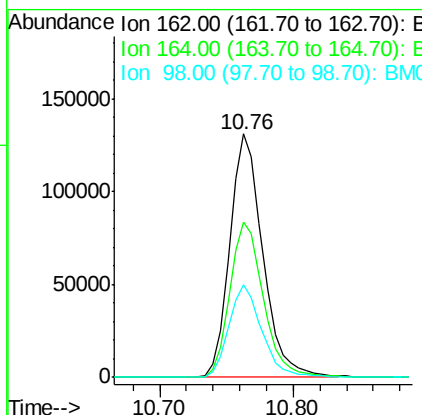
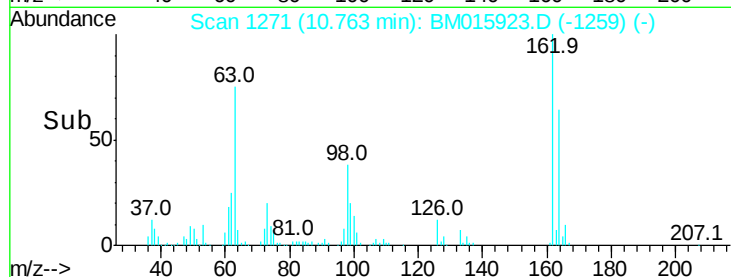
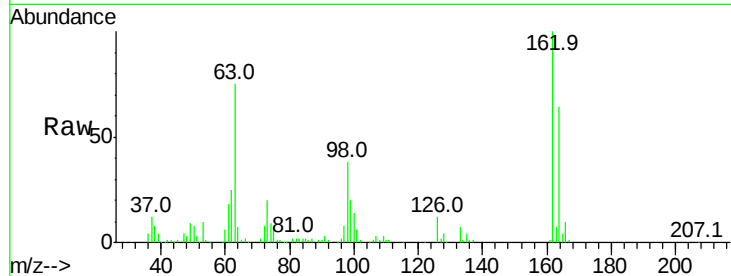
#29
 2,4-Dichlorophenol
 Concen: 44.758 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.03 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	225784		
164	63.8	42.8	82.8	
98	38.0	14.5	54.5	

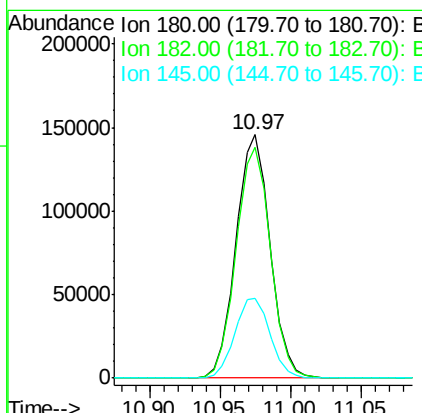
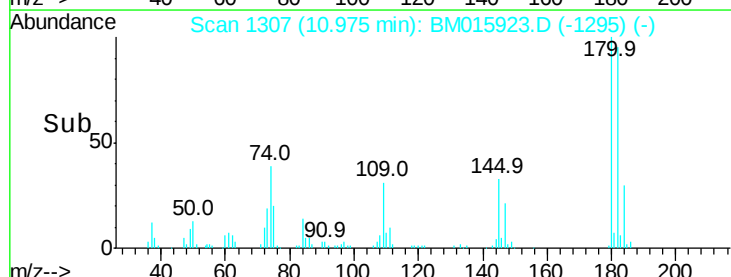
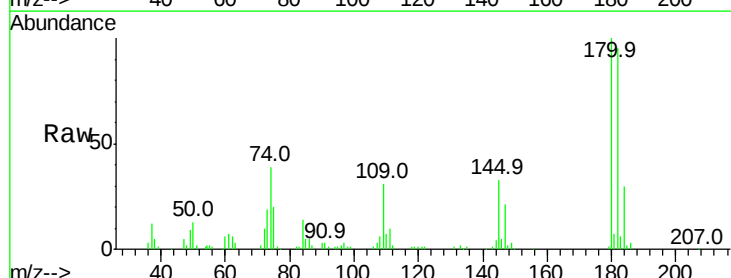
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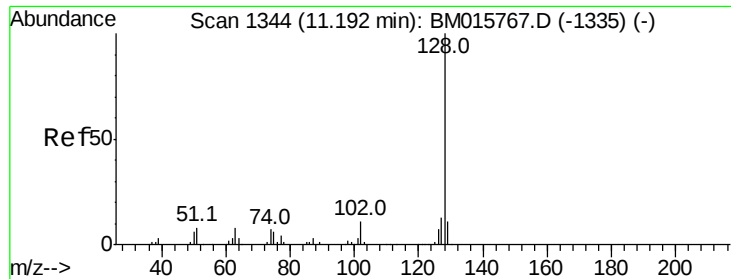
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.894 ng
 RT: 10.97 min Scan# 1307
 Delta R.T. -0.03 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	245462		
182	94.8	77.6	116.4	
145	32.6	23.4	35.2	





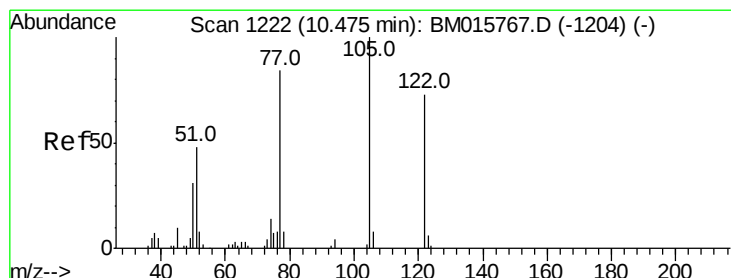
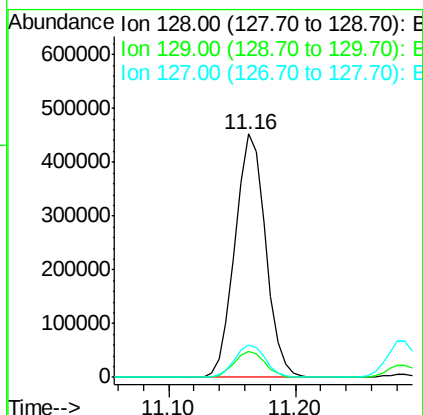
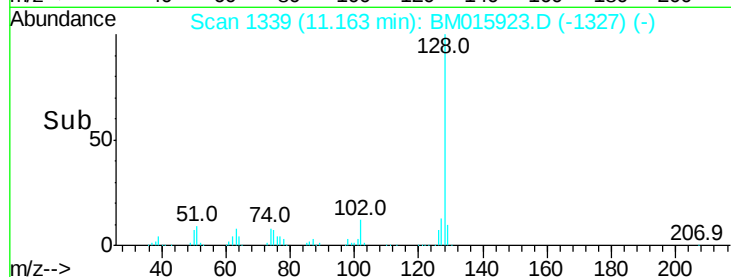
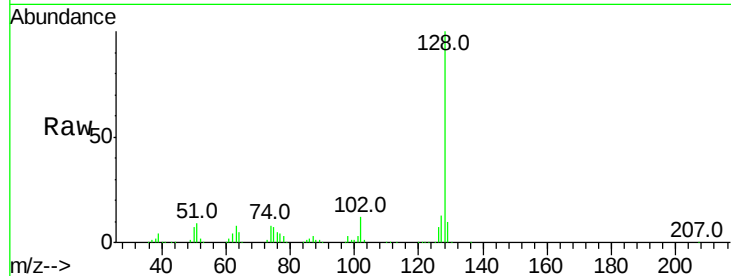
#31
Naphthalene
Concen: 41.780 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.5	8.9	13.3	
127	13.3	10.4	15.6	

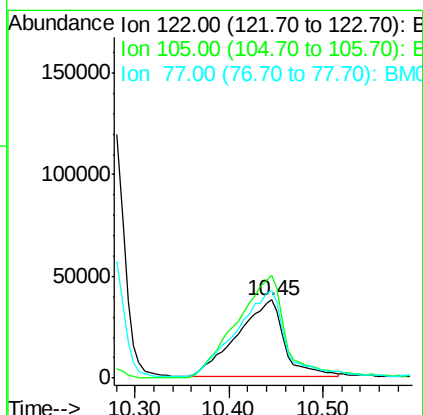
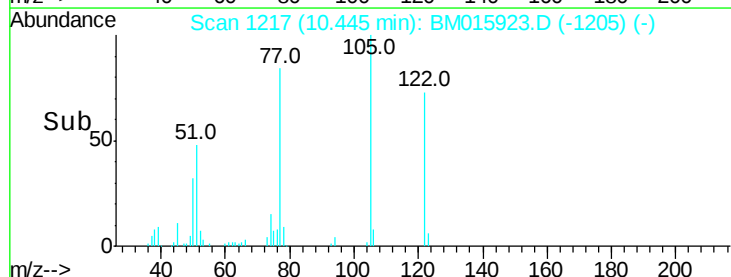
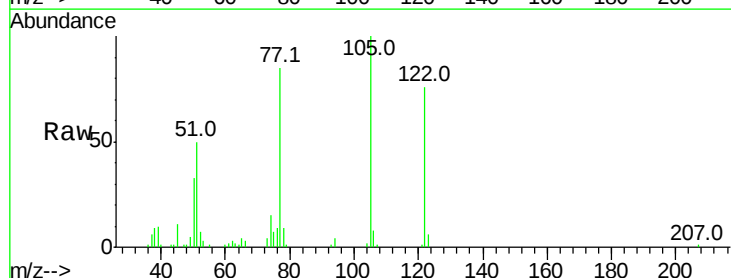
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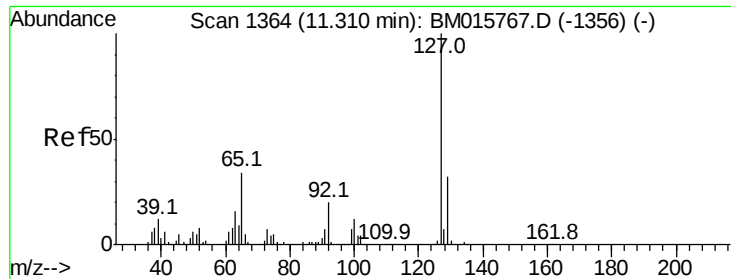
Sohil
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#32
Benzoic acid
Concen: 32.565 ng
RT: 10.45 min Scan# 1217
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	132.4	99.9	139.9	
77	112.4	73.7	113.7	





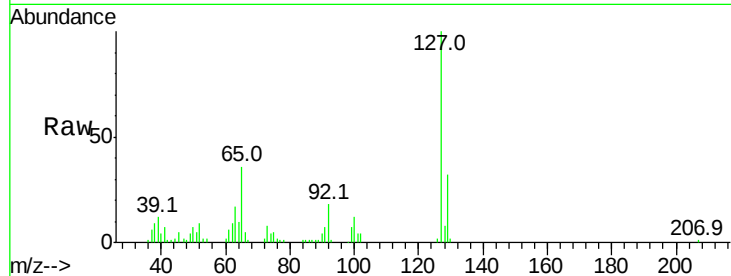
#33
4-Chloroaniline
Concen: 17.418 ng
RT: 11.29 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

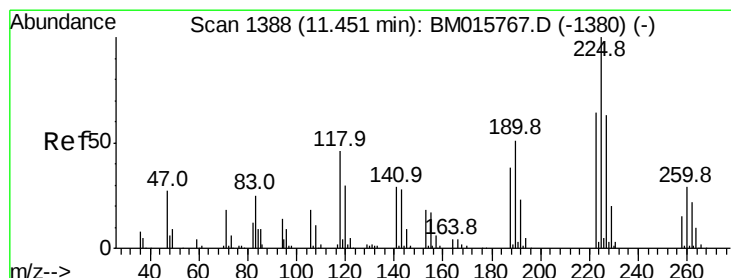
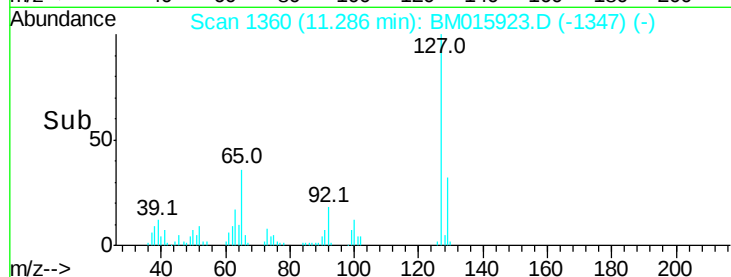
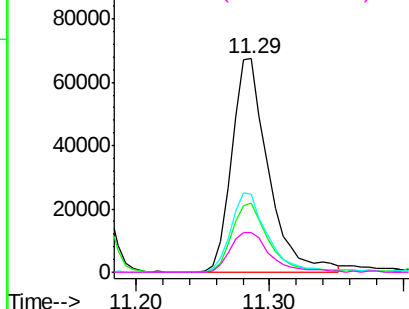
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.3	37.9	
65	36.5	17.6	26.4	
92	18.4	13.1	19.7	

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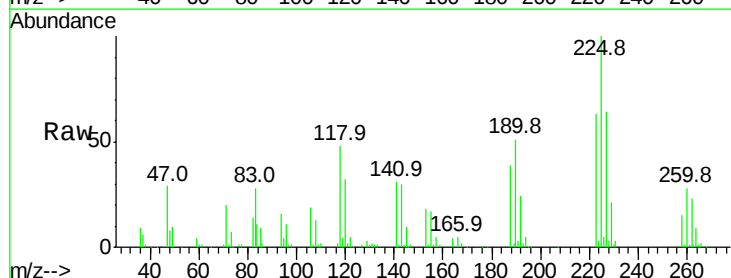


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

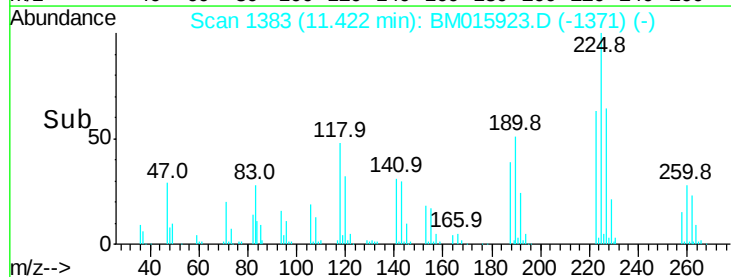
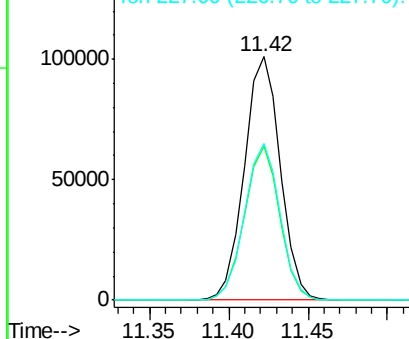


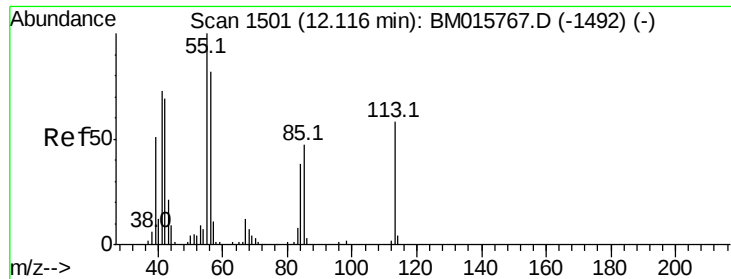
#34
Hexachlorobutadiene
Concen: 40.684 ng
RT: 11.42 min Scan# 1383
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	47.9	71.9	
227	64.5	50.1	75.1	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.228 ng/mL

RT: 12.09 min Scan# 1496

Delta R.T. -0.03 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Instrument :

BNA_M

ClientSampleId :

PB111042BSD

Tot Ion:113 Resp: 58936

Ion Ratio Lower Upper

113 100

55 170.0 145.9 185.9

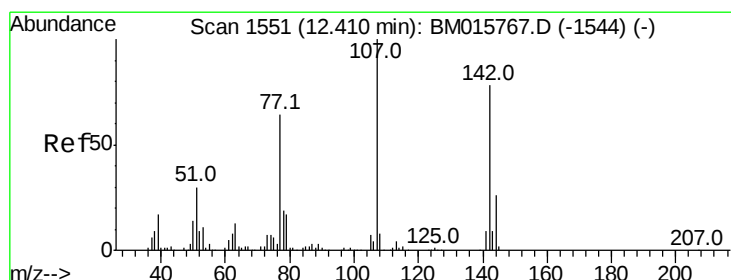
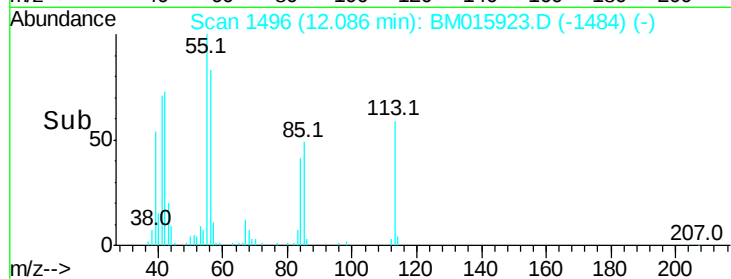
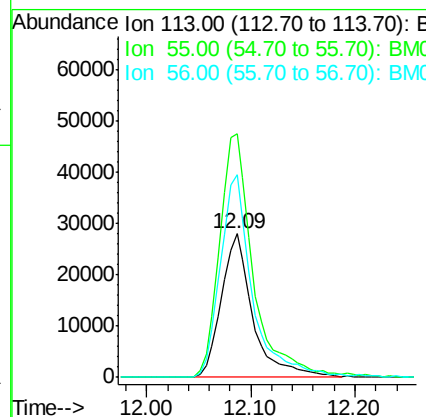
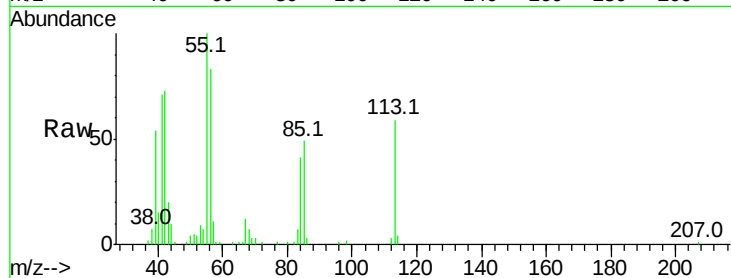
56 141.3 101.0 141.0#

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#36

4-Chloro-3-methylphenol

Concen: 40.959 ng/mL

RT: 12.39 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

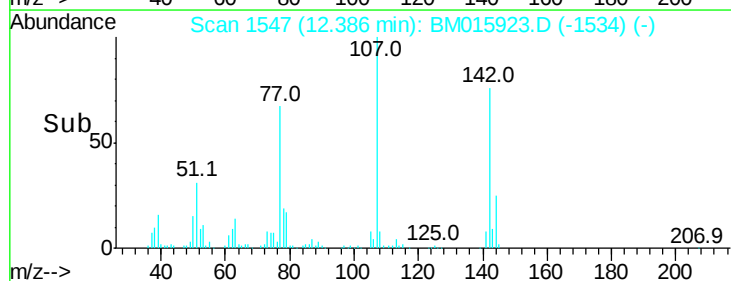
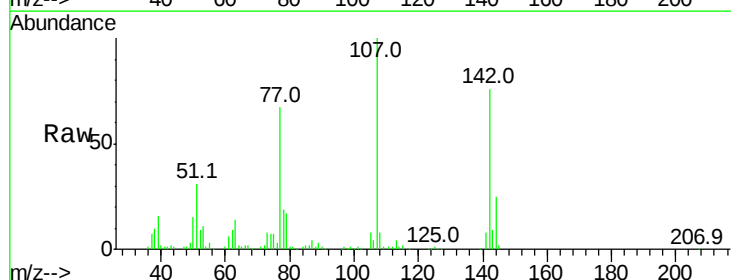
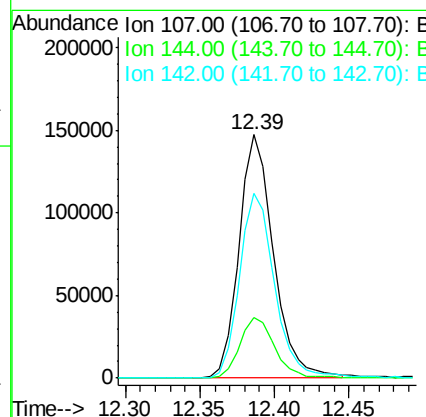
Tgt Ion:107 Resp: 237076

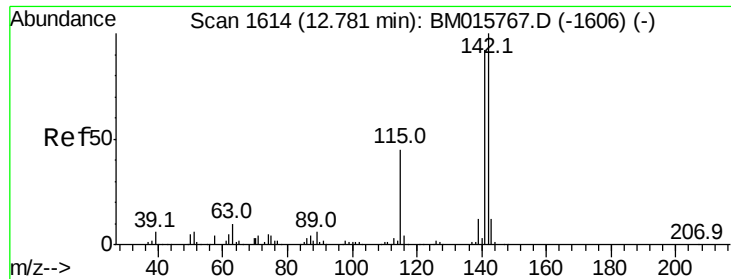
Ion Ratio Lower Upper

107 100

144 25.0 23.3 34.9

142 76.0 72.6 109.0





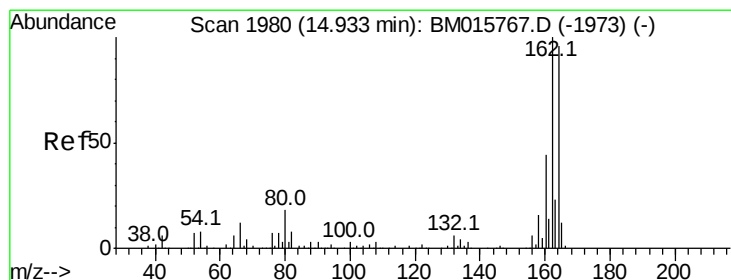
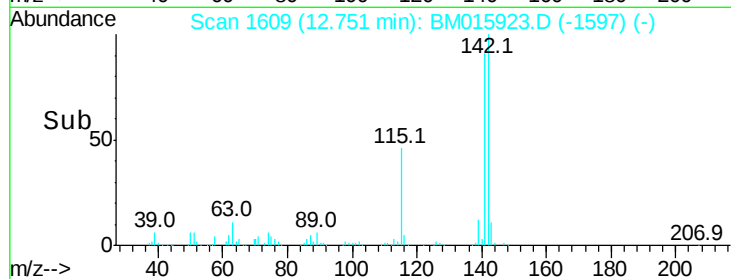
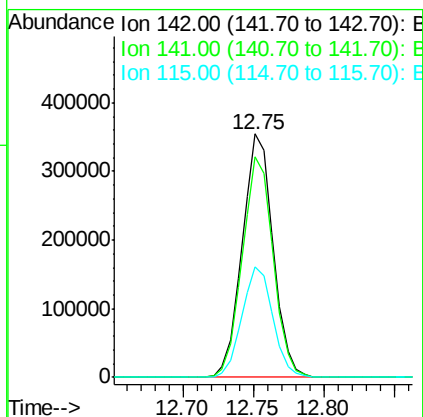
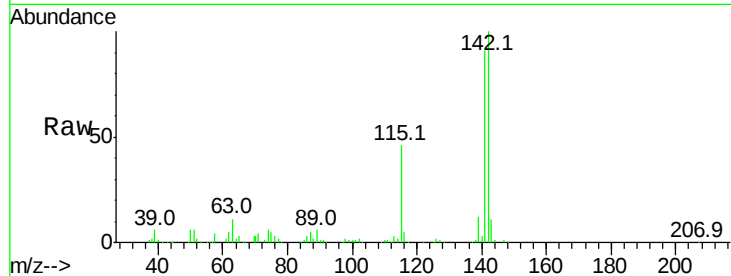
#37
2-Methylnaphthalene
Concen: 42.190 ng
RT: 12.75 min Scan# 1609
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.9	107.9
115	45.5	25.4	38.0

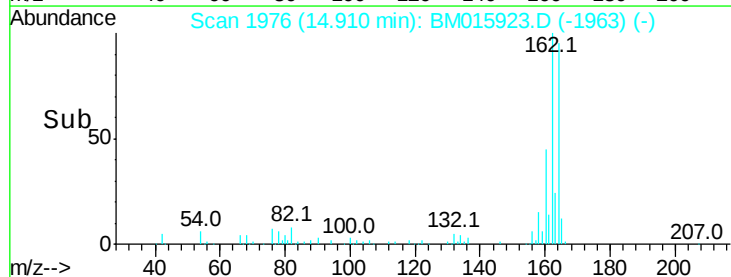
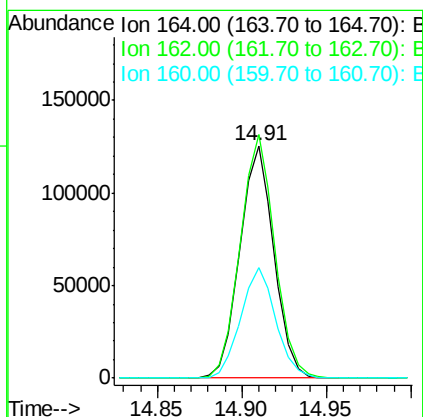
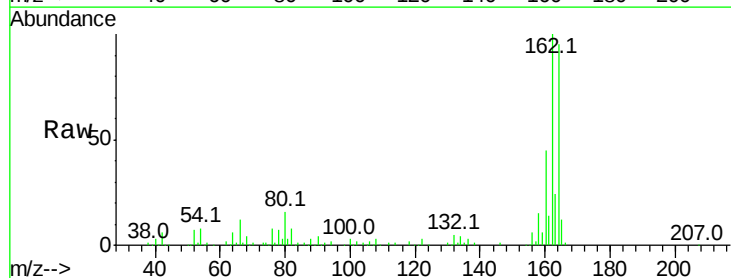
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.4	123.6
160	47.3	35.8	53.6





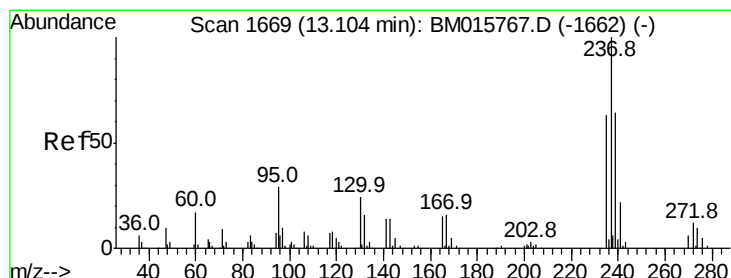
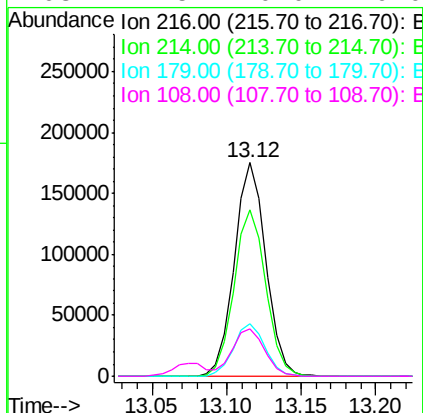
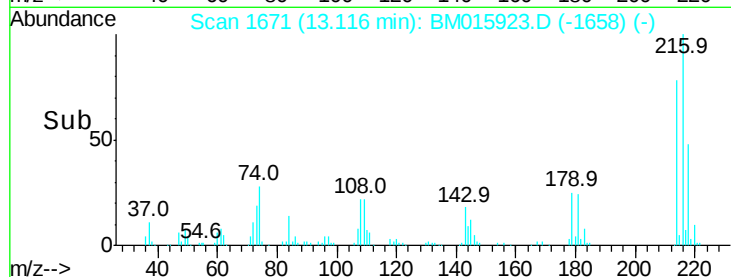
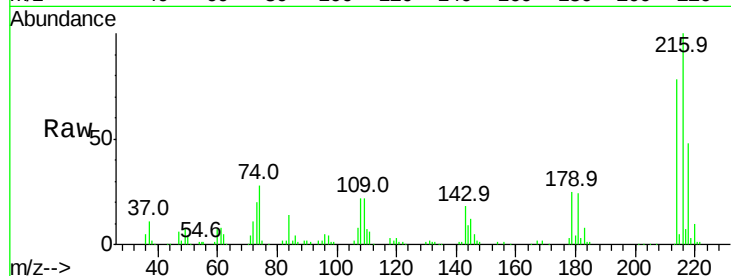
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.738 ng
 RT: 13.12 min Scan# 1671
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	257476		
214	78.6	0.0	0.0	0.0
179	25.0	0.0	0.0	0.0
108	22.5	0.0	0.0	0.0

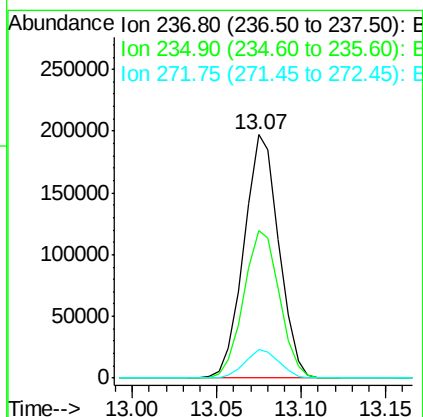
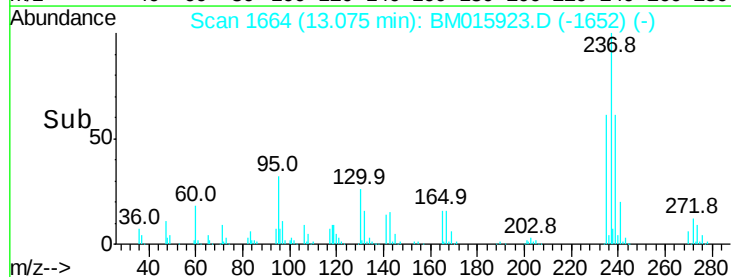
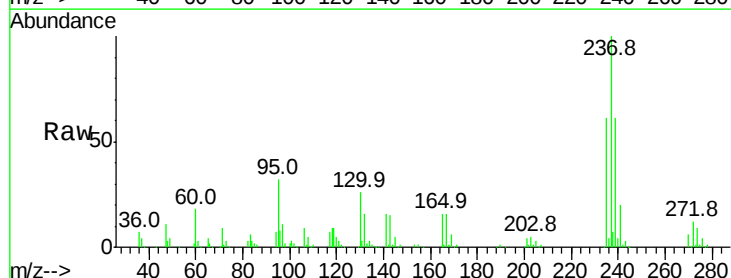
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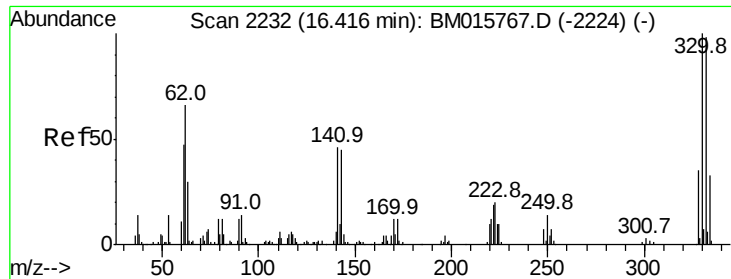
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 104.774 ng
 RT: 13.07 min Scan# 1664
 Delta R.T. -0.03 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	284143		
235	60.8	42.0	82.0	
272	11.9	0.0	33.4	





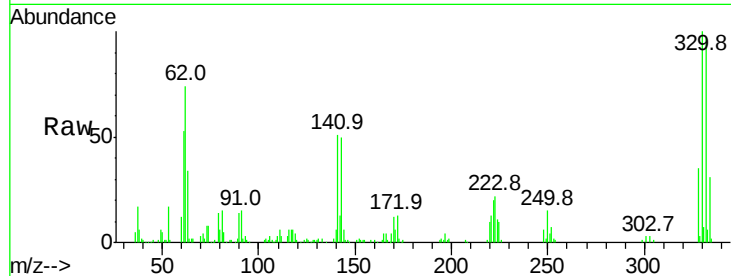
#41
 2,4,6-Tribromophenol
 Concen: 104.774 ng
 RT: 16.39 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

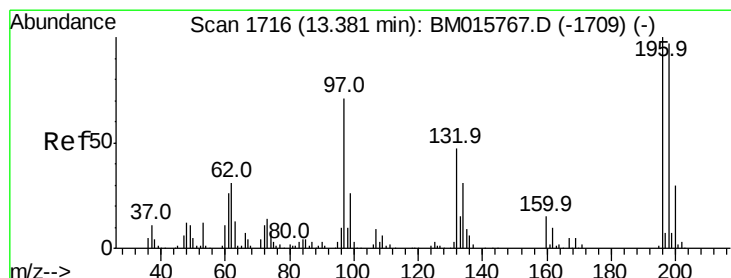
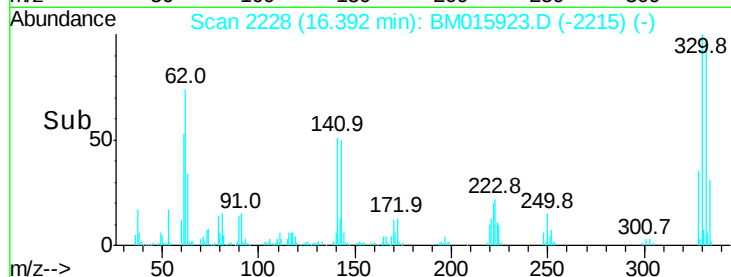
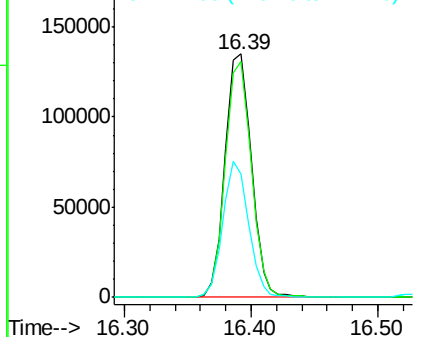
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	0.0	0.0	
141	54.5	0.0	0.0	

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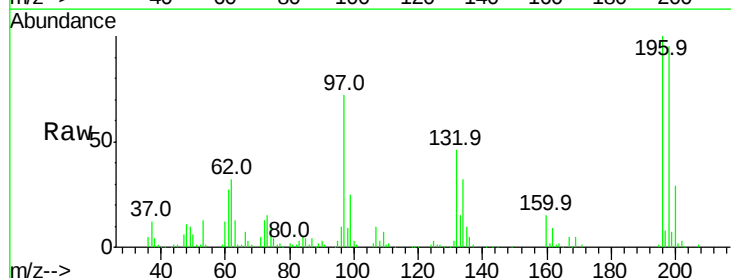


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

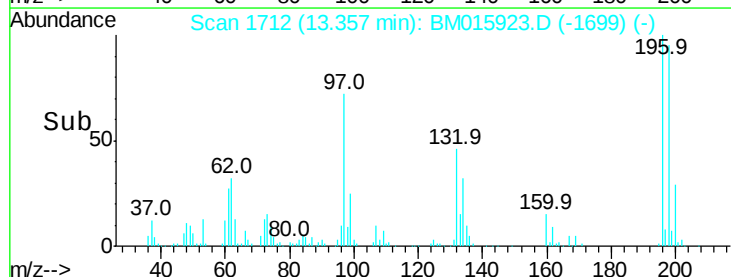
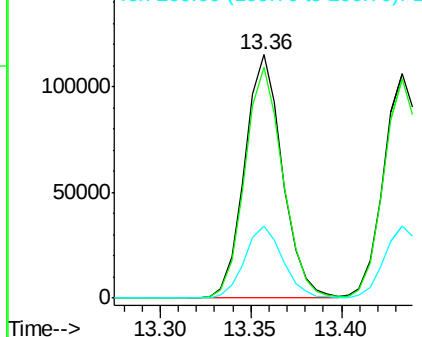


#42
 2,4,6-Trichlorophenol
 Concen: 46.964 ng
 RT: 13.36 min Scan# 1712
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.7	76.3	114.5	
200	29.4	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





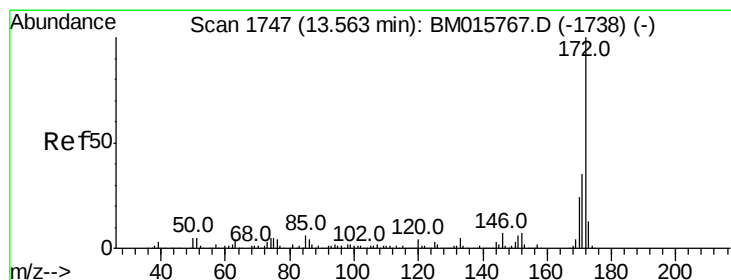
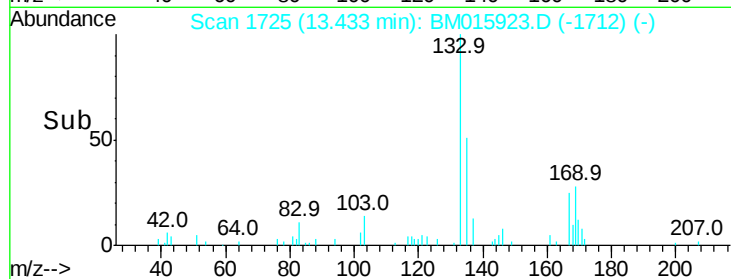
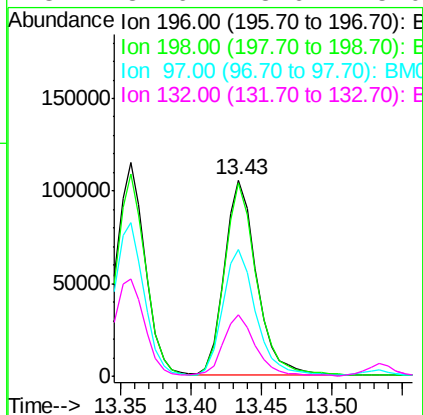
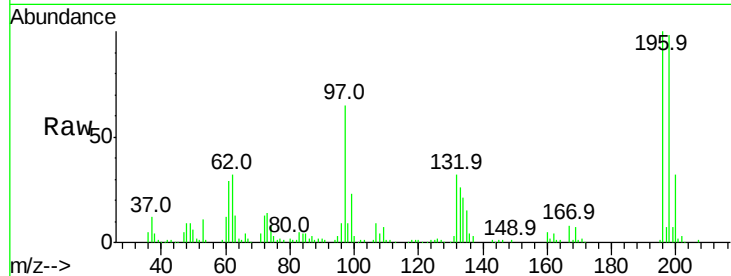
#43
 2,4,5-Trichlorophenol
 Concen: 43.111 ng
 RT: 13.43 min Scan# 1725
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

Tot Ion	196	Resp	165716
Ion Ratio	Lower	Upper	
196	100		
198	98.1	79.4	119.0
97	64.8	26.8	40.2#
132	31.6	18.6	28.0#

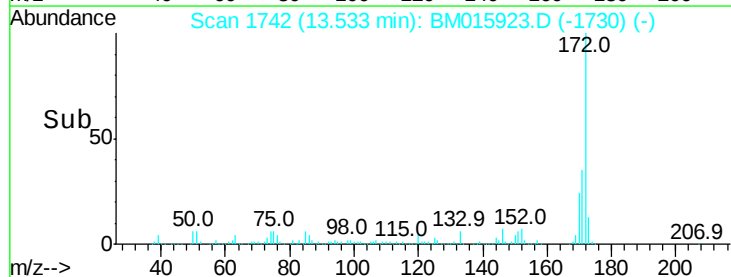
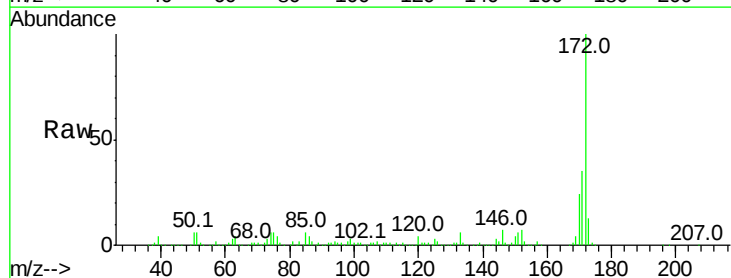
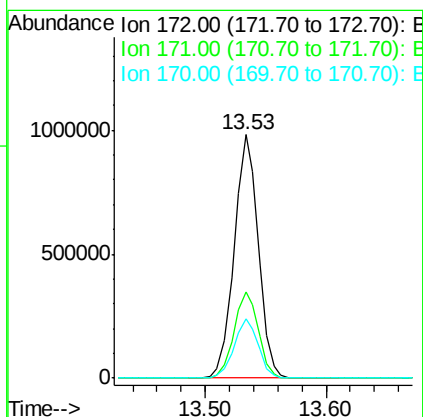
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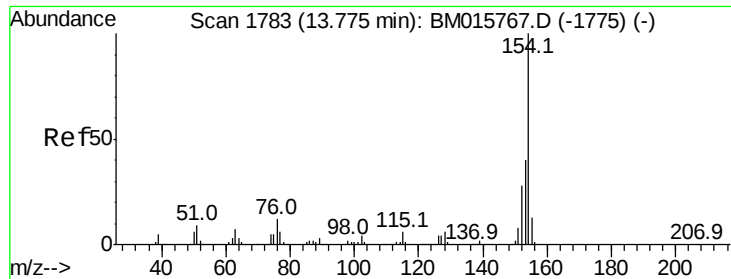
Sohil
 7/13/2018 2:50:10 PM



#44
 2-Fluorobiphenyl
 Concen: 43.111 ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.03 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion	172	Resp	1360770
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.5	42.7
170	24.1	18.8	28.2





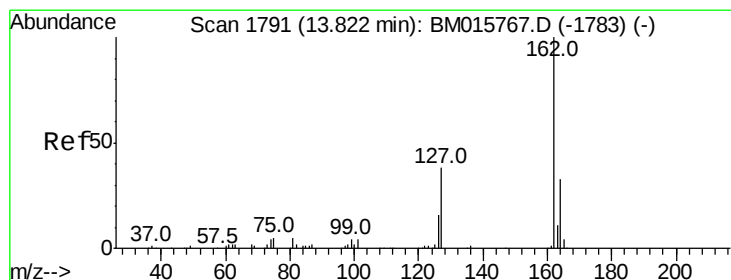
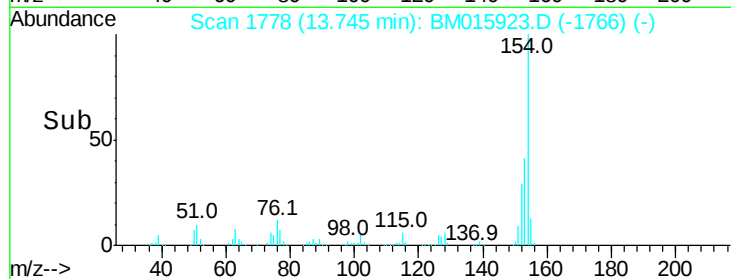
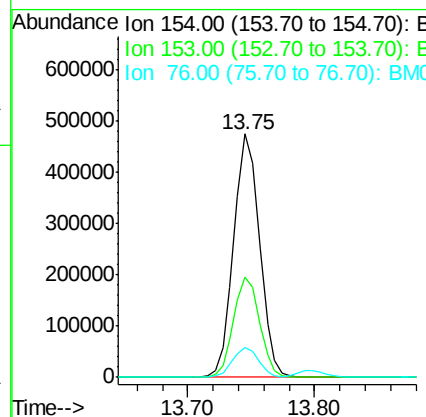
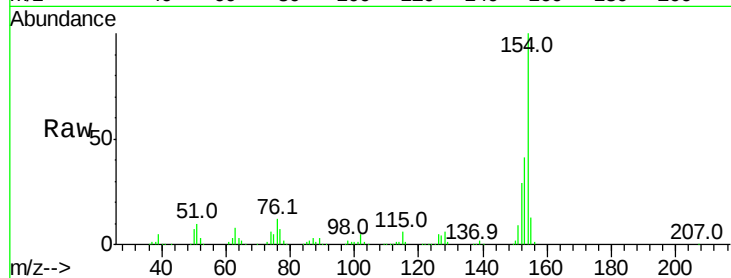
#45
 1,1'-Biphenyl
 Concen: 44.076 ng
 RT: 13.75 min Scan# 1778
 Delta R.T. -0.03 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.0	20.7	60.7	
76	12.4	0.0	30.9	

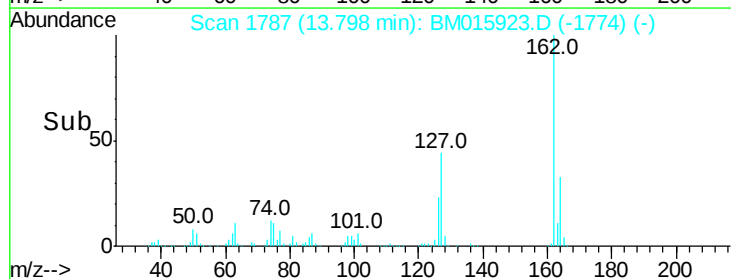
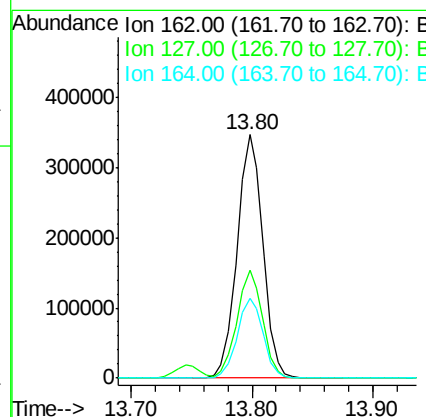
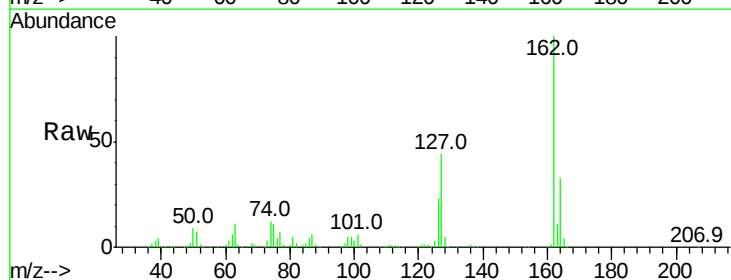
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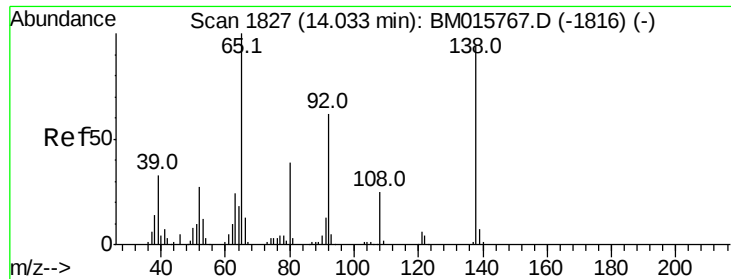
Sohil
 7/13/2018 2:50:10 PM



#46
 2-Chloronaphthalene
 Concen: 45.447 ng
 RT: 13.80 min Scan# 1787
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.2	26.9	40.3#	
164	33.0	26.8	40.2	





#47

2-Nitroaniline

Concen: 43.041 ng

RT: 14.01 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Instrument :

BNA_M

ClientSampleId :

PB111042BSD

Tot Ion: 65 Resp: 170182

Ion Ratio Lower Upper

65 100

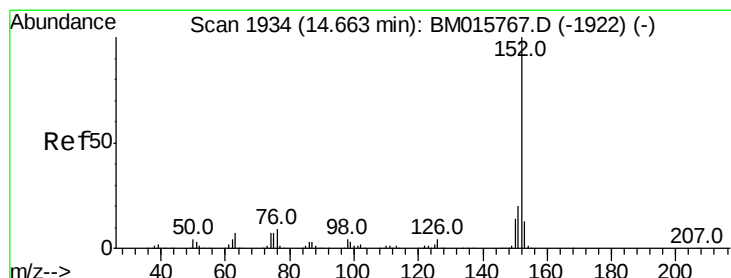
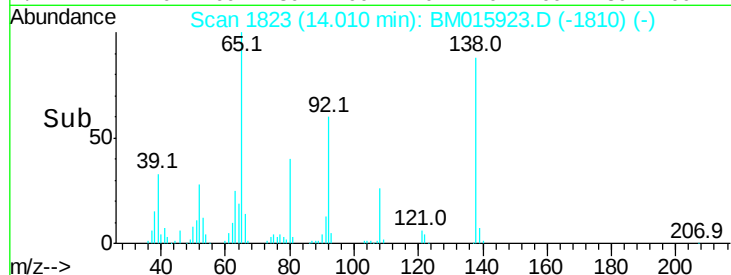
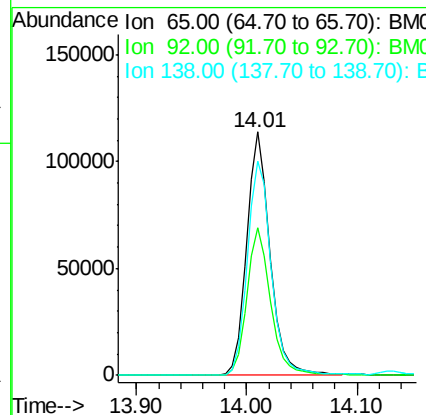
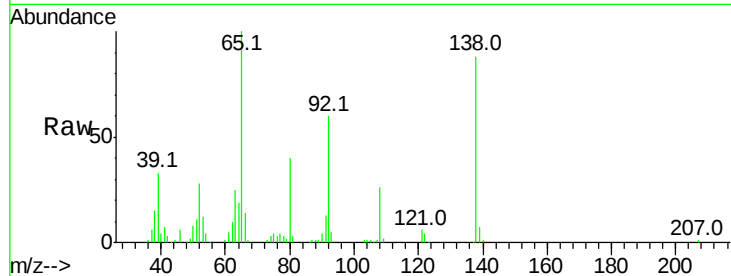
92 60.4 59.1 88.7

138 87.9 93.9 140.9#

Manual Integrations
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#48

Acenaphthylene

Concen: 43.300 ng

RT: 14.64 min Scan# 1930

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

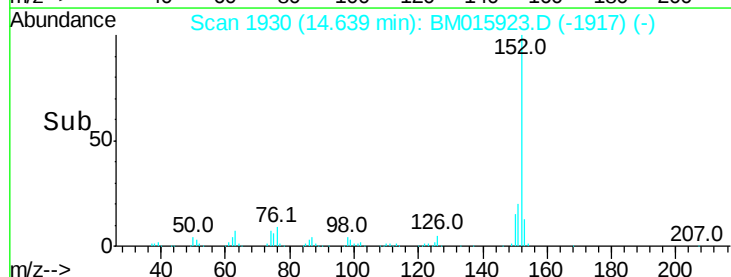
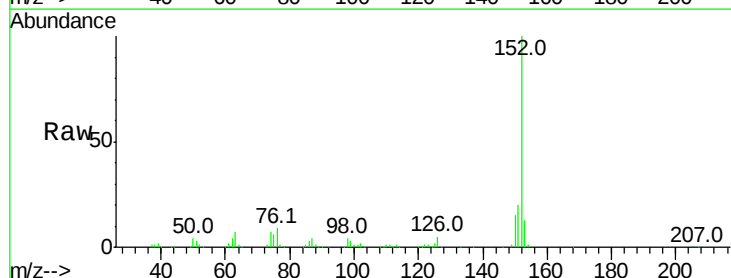
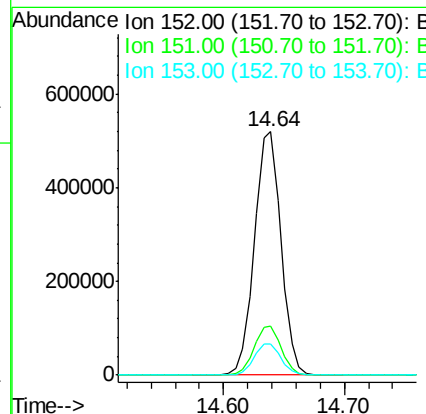
Tgt Ion: 152 Resp: 798646

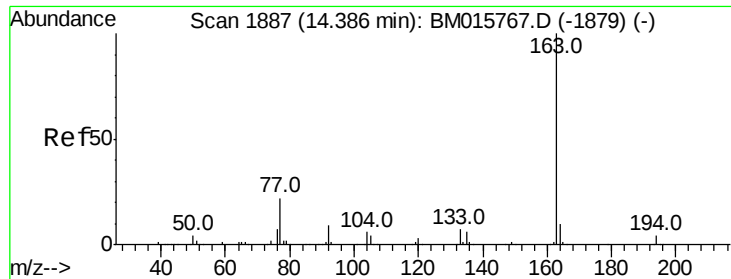
Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 12.7 10.6 16.0





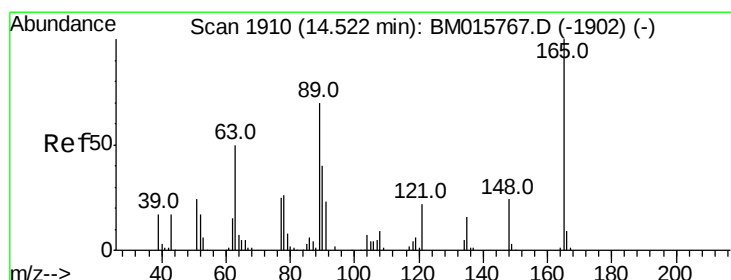
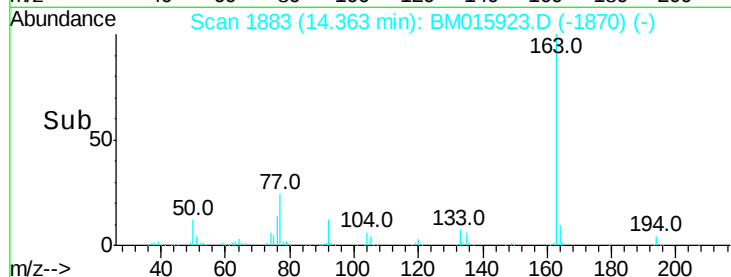
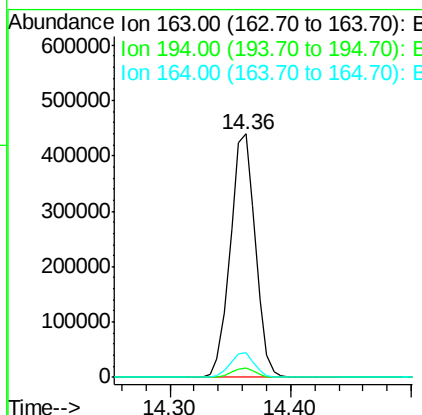
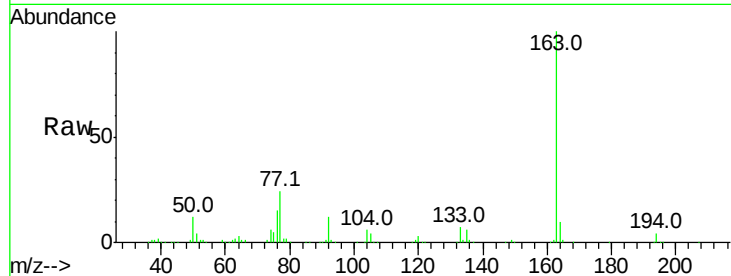
#49
Dimethylphthalate
Concen: 40.948 ng
RT: 14.36 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	10.0	8.2	12.2	

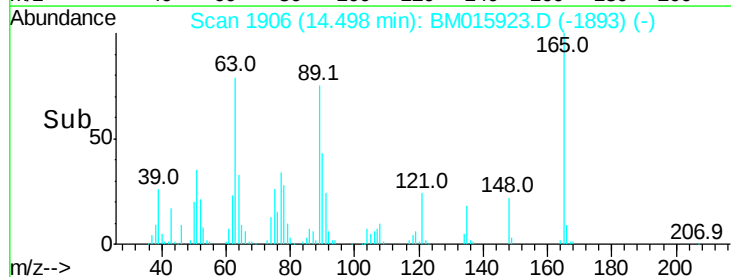
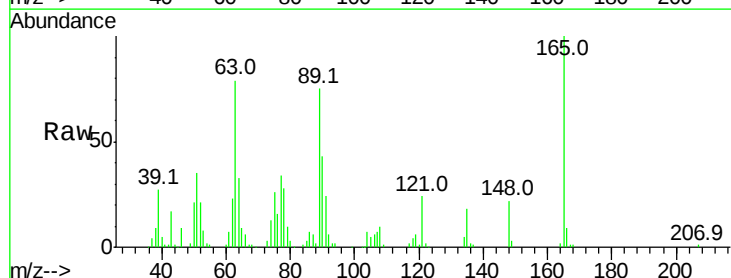
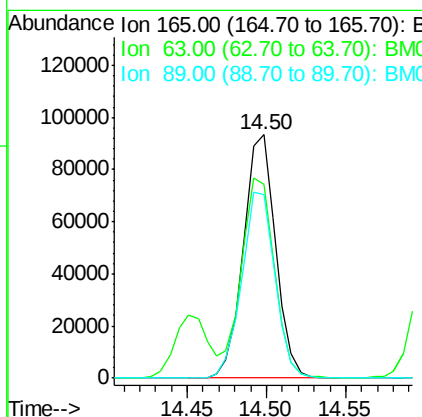
Manual Integrations
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#50
2,6-Dinitrotoluene
Concen: 43.543 ng
RT: 14.50 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	79.5	44.1	66.1#	
89	75.4	44.3	66.5#	





#51

Acenaphthene

Concen: 40.508 ng

RT: 14.97 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Instrument :

BNA_M

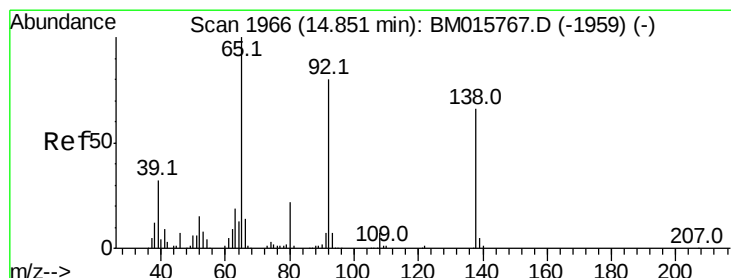
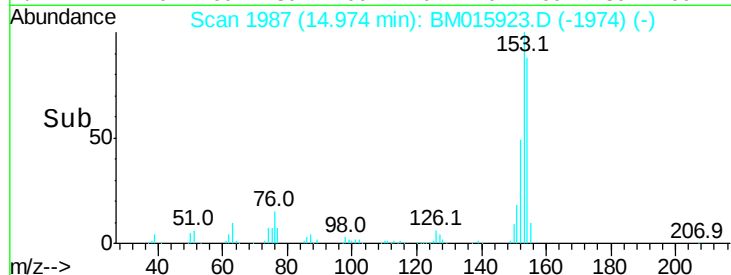
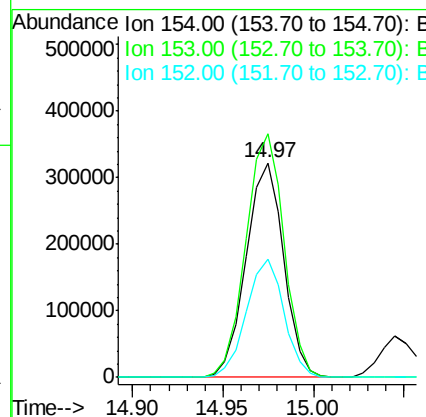
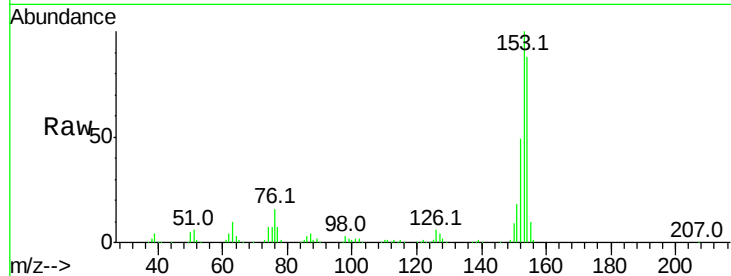
ClientSampleId :

PB111042BSD

Tot Ion:	154	Resp:	464917
Ion Ratio	Lower	Upper	
154	100		
153	113.7	90.0	135.0
152	55.3	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 25.338 ng

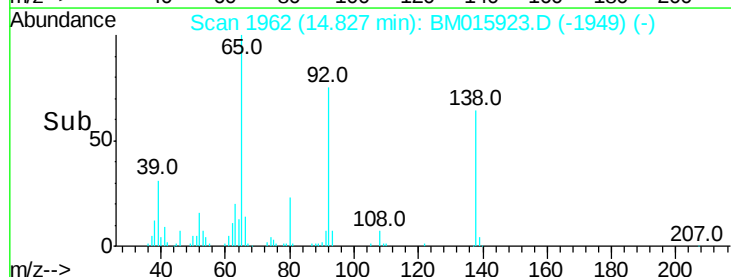
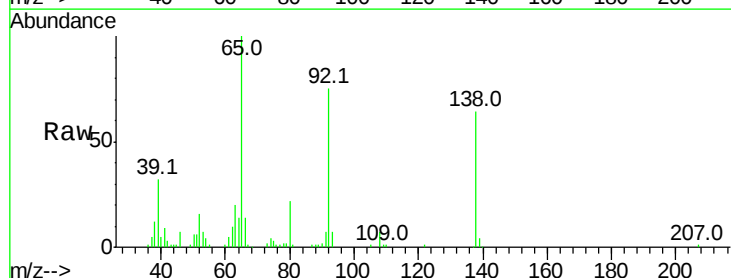
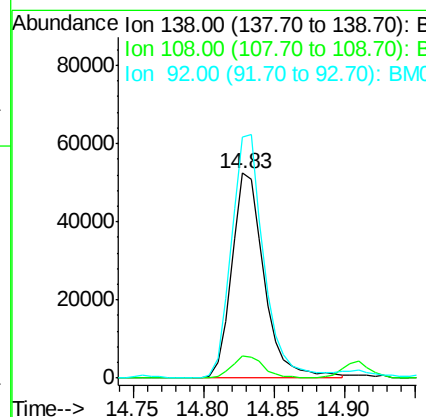
RT: 14.83 min Scan# 1962

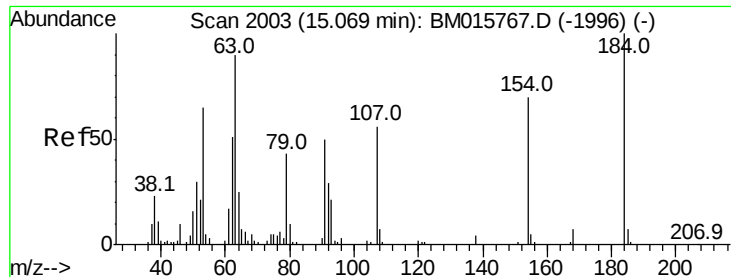
Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Tgt Ion:	138	Resp:	83646
Ion Ratio	Lower	Upper	
138	100		
108	10.9	7.3	10.9#
92	117.4	76.6	114.8#





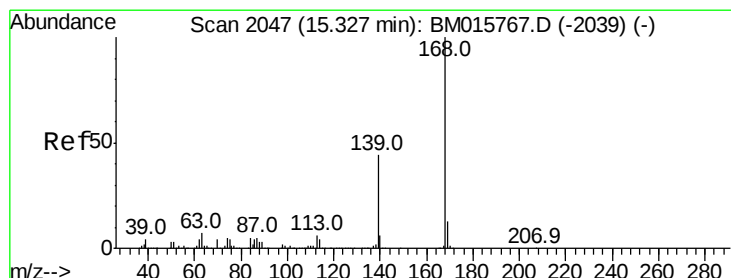
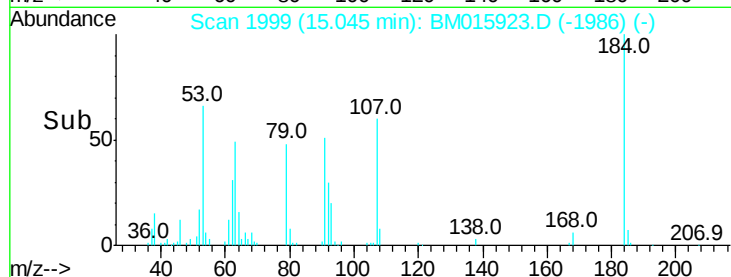
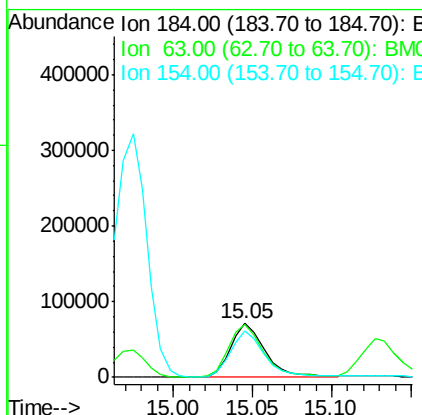
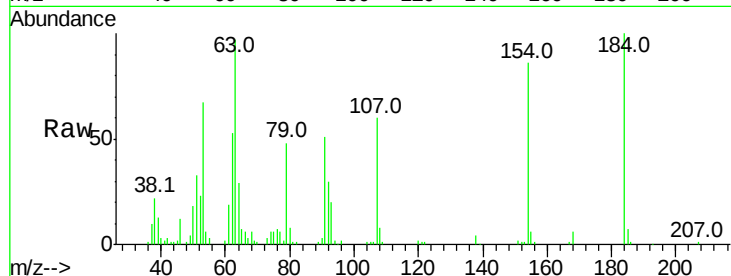
#53
2,4-Dinitrophenol
Concen: 71.954 ng
RT: 15.05 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	97.0	69.2	103.8	
154	86.4	53.3	79.9#	

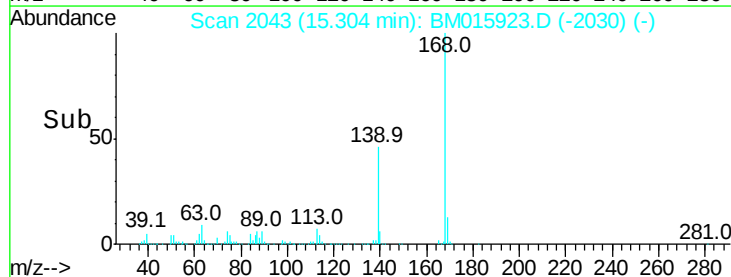
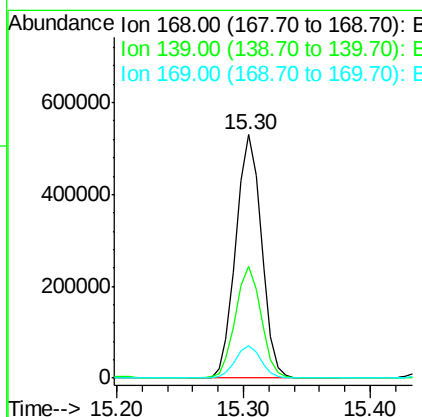
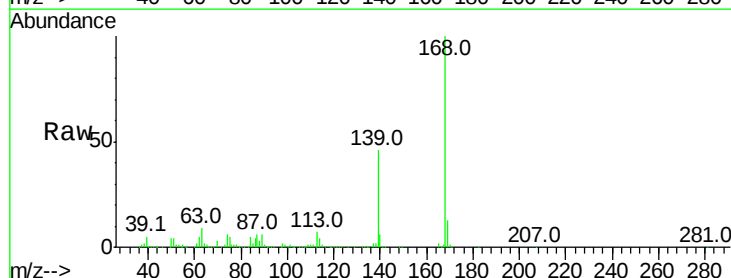
Manual Integrations
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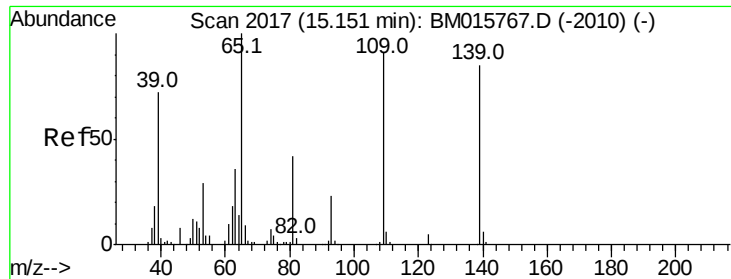
Sohil
7/13/2018 2:50:10 PM



#54
Dibenzofuran
Concen: 42.043 ng
RT: 15.30 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	46.1	27.3	40.9#	
169	13.3	10.6	16.0	





#55

4-Nitrophenol

Concen: 74.874 ng

RT: 15.13 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Instrument :

BNA_M

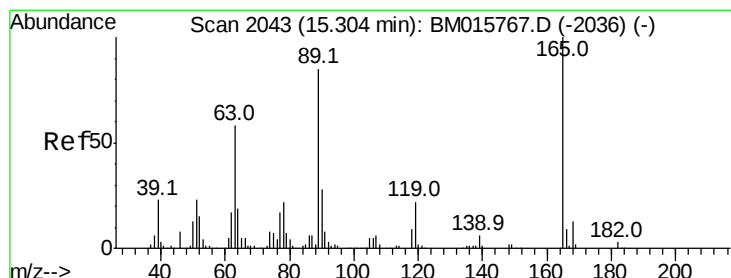
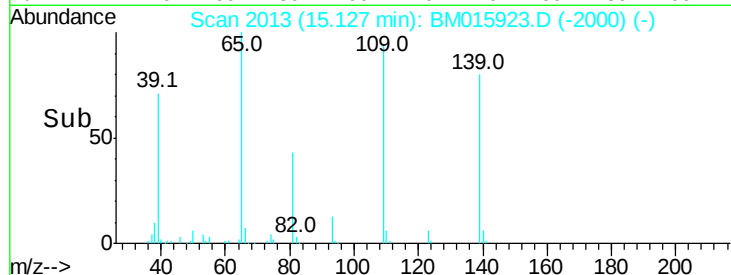
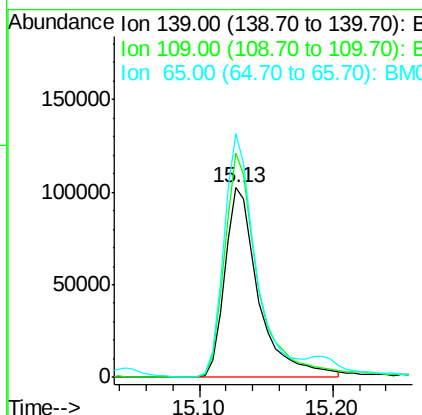
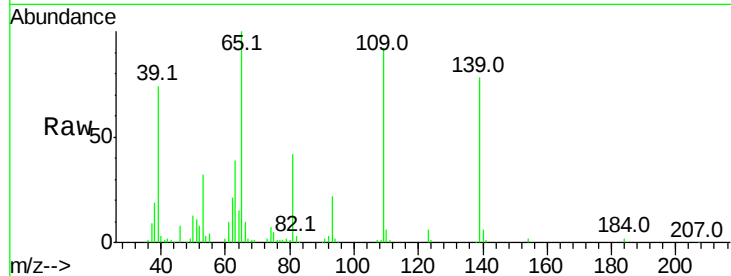
ClientSampleId :

PB111042BSD

Tot Ion:	139	Resp:	182419
Ion Ratio	Lower	Upper	
139	100		
109	118.3	130.0	170.0#
65	128.6	130.0	170.0#

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#56

2,4-Dinitrotoluene

Concen: 40.541 ng

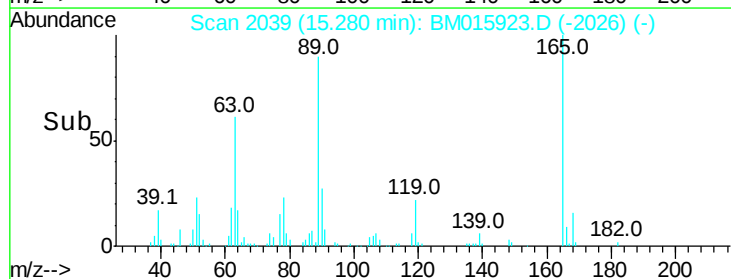
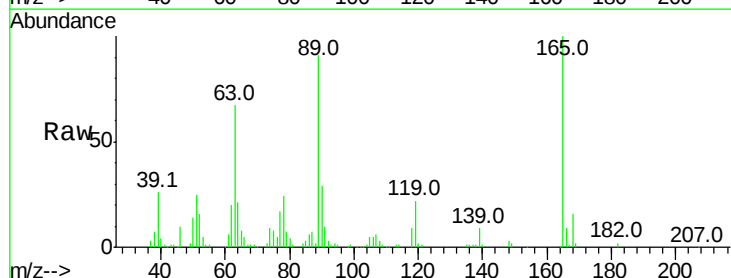
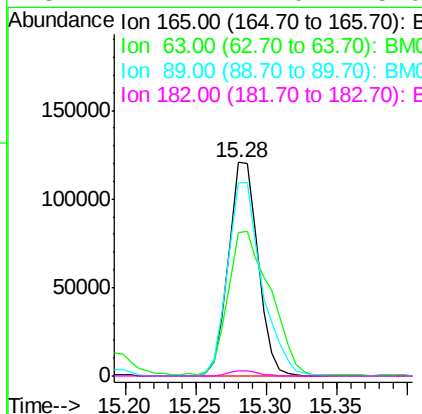
RT: 15.28 min Scan# 2039

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Tgt Ion:	165	Resp:	176527
Ion Ratio	Lower	Upper	
165	100		
63	66.9	52.4	78.6
89	90.7	72.4	108.6
182	2.4	2.0	3.0





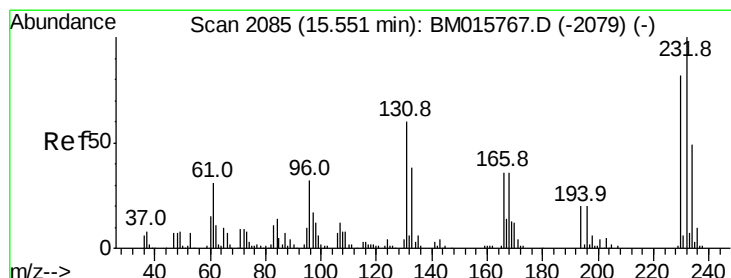
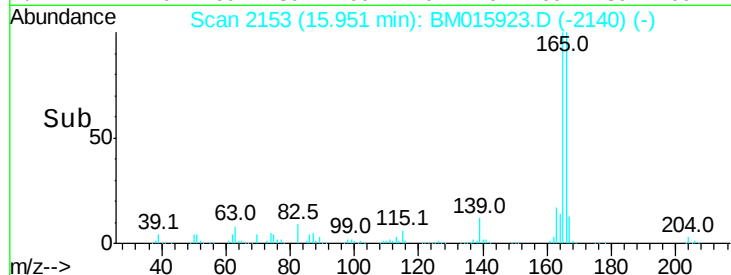
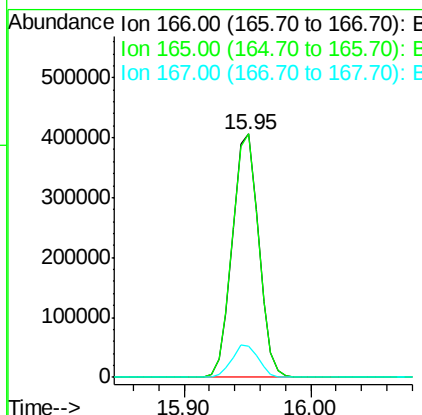
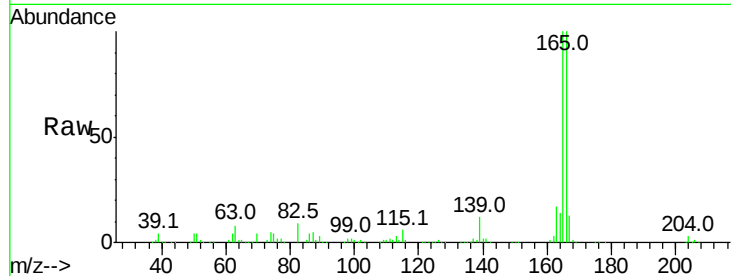
#57
 Fluorene
 Concen: 39.941 ng
 RT: 15.95 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleID :
 PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	79.0	118.4	
167	13.0	10.3	15.5	

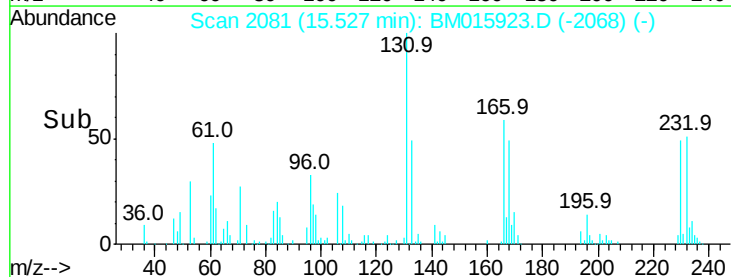
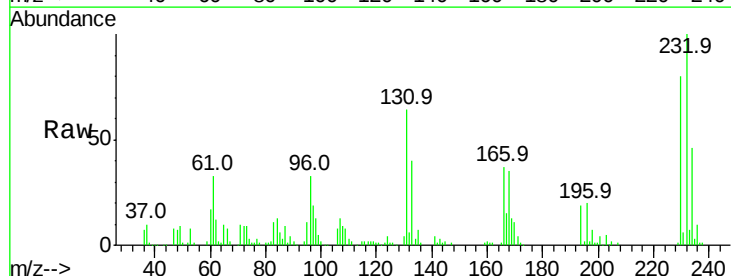
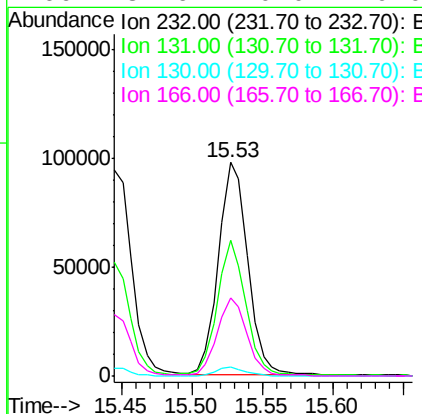
Manual Integrations
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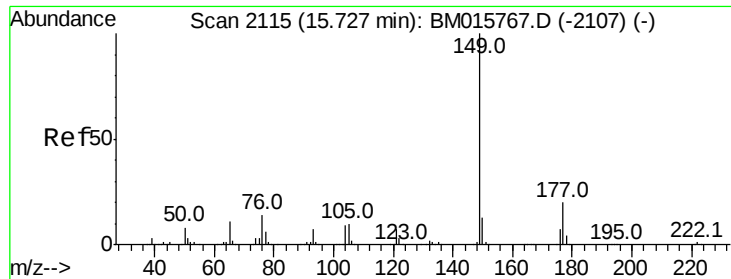
Sohil
 7/13/2018 2:50:10 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.432 ng
 RT: 15.53 min Scan# 2081
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
231	61.4	0.0	0.0#	
130	3.9	0.0	0.0#	
166	37.6	0.0	0.0#	





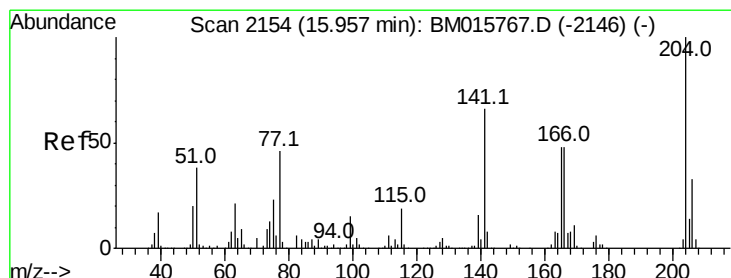
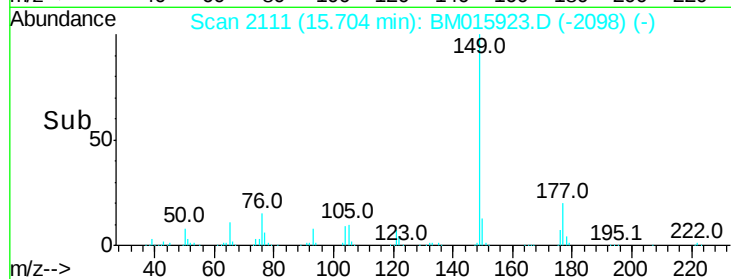
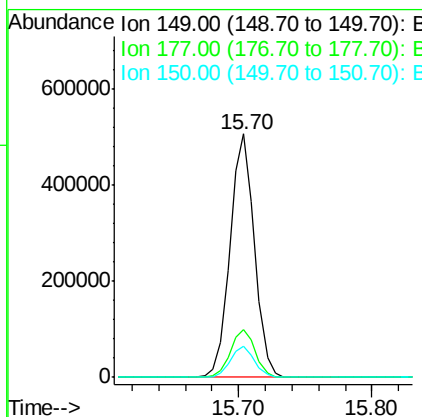
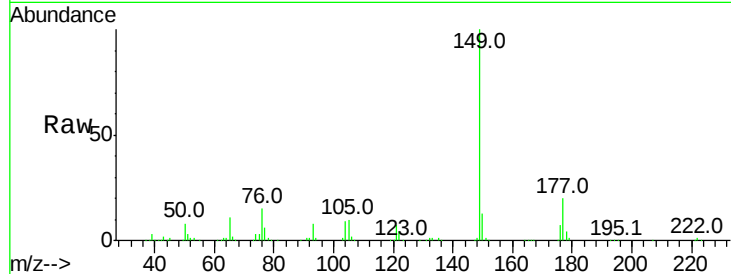
#59
Diethylphthalate
Concen: 38.782 ng
RT: 15.70 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	642860		
177	19.8	18.3	27.5	
150	12.7	9.8	14.8	

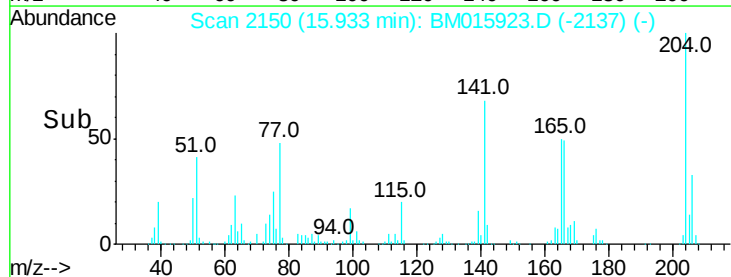
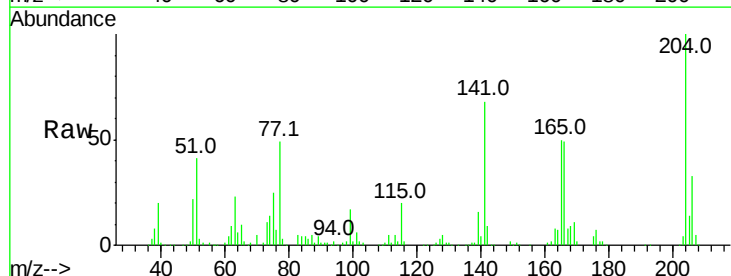
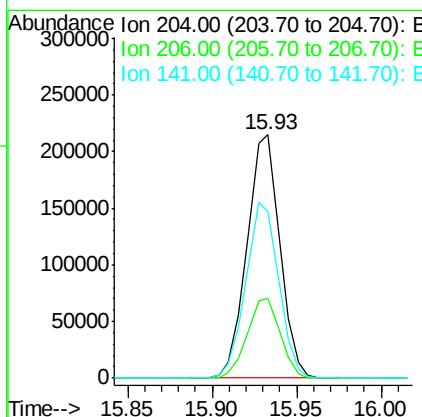
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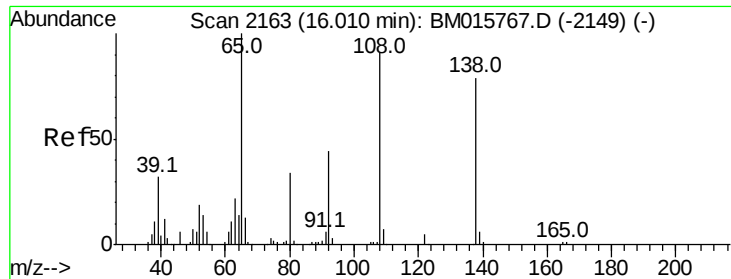
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#60
4-Chlorophenyl-phenylether
Concen: 38.916 ng
RT: 15.93 min Scan# 2150
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	292043		
206	32.6	26.6	39.8	
141	68.4	45.2	67.8	





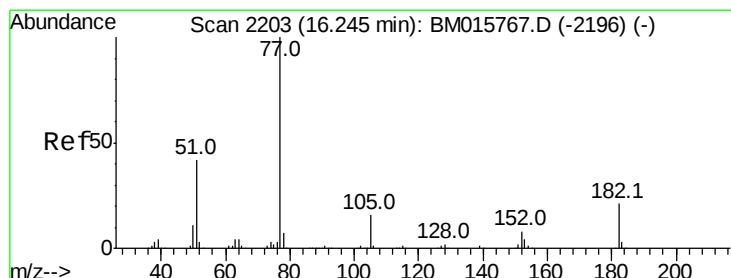
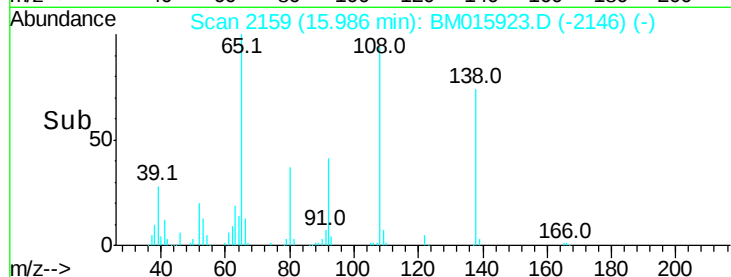
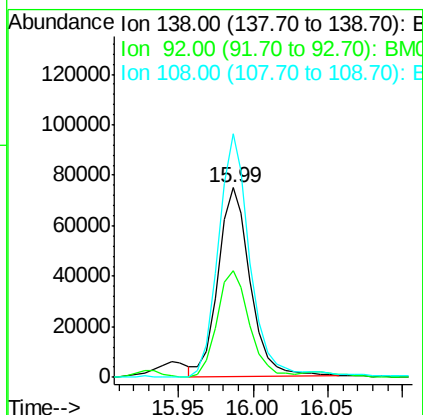
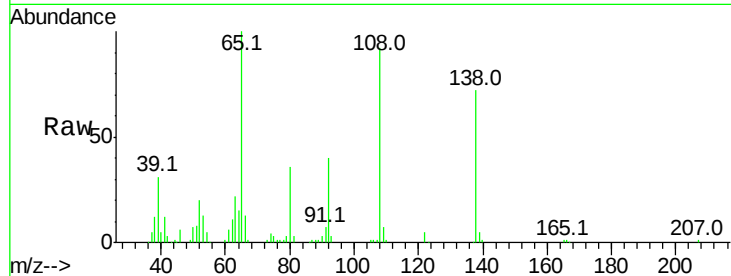
#61
4-Nitroaniline
Concen: 32.867 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.9	16.7	56.7
108	128.4	37.6	77.6#

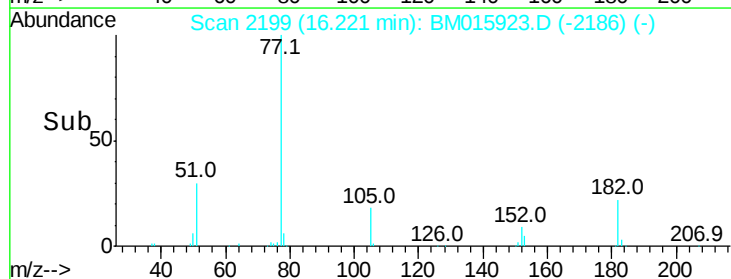
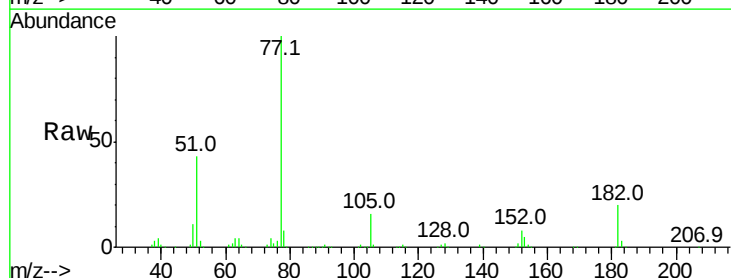
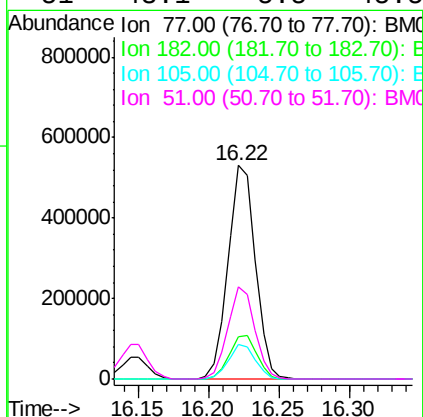
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#62
Azobenzene
Concen: 45.849 ng
RT: 16.22 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.6	6.5	46.5
105	16.0	3.8	43.8
51	43.1	5.5	45.5





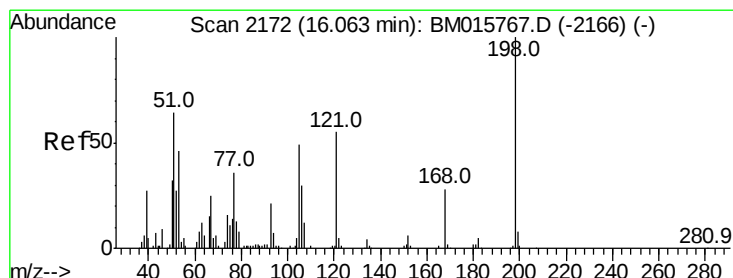
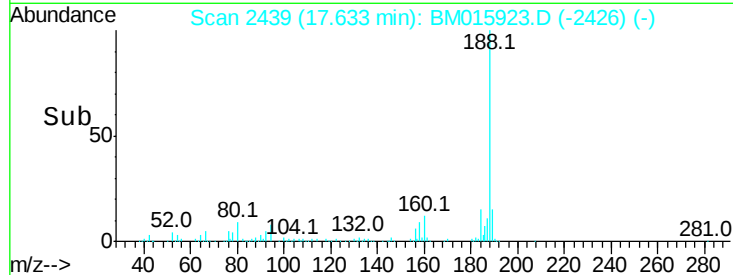
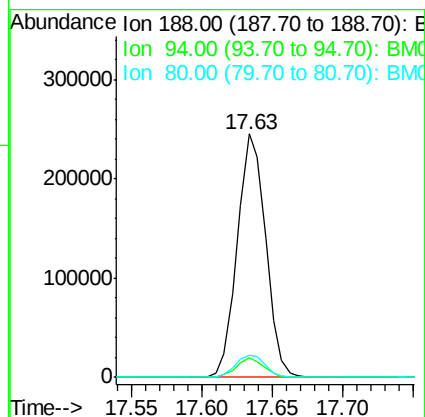
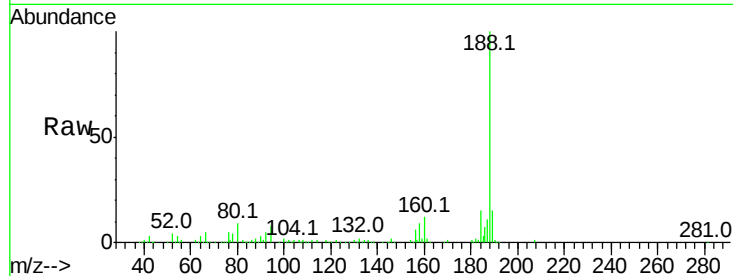
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.63 min Scan# 2439
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	8.7	13.1#
80	9.1	9.3	13.9#

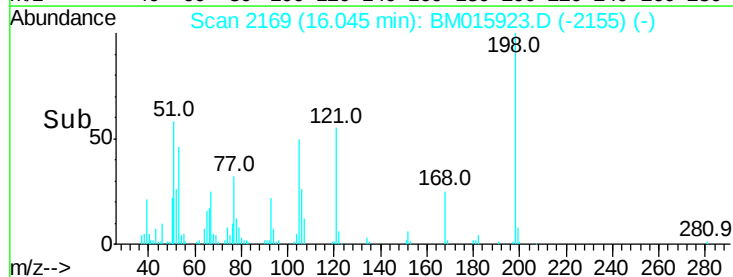
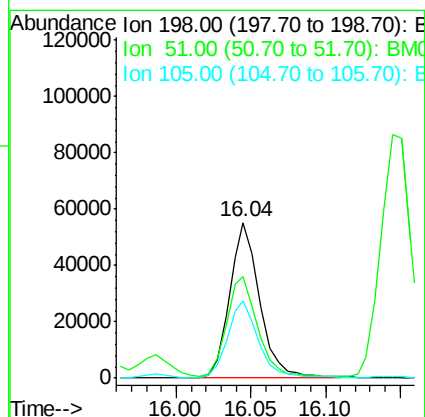
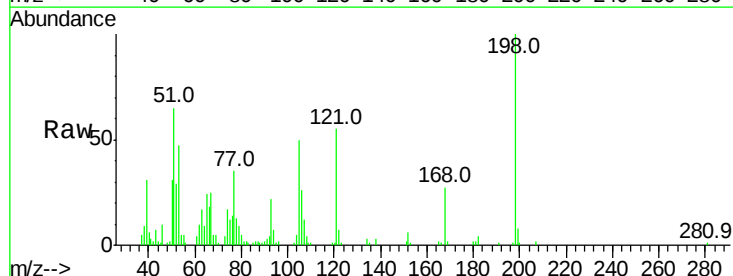
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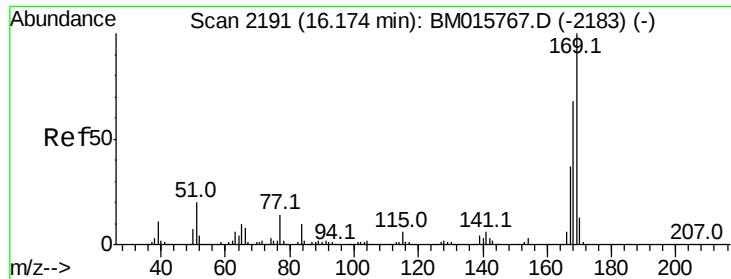
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.351 ng
RT: 16.04 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	65.3	28.8	68.8
105	49.8	30.5	70.5





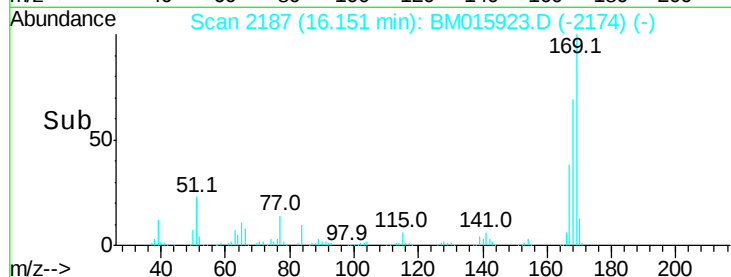
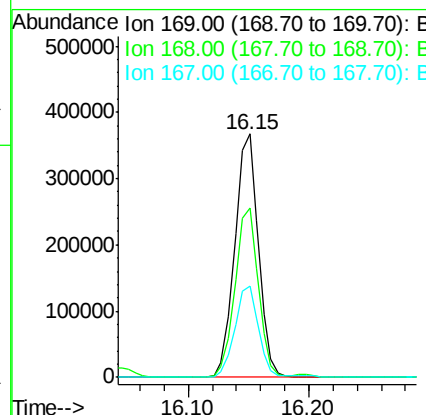
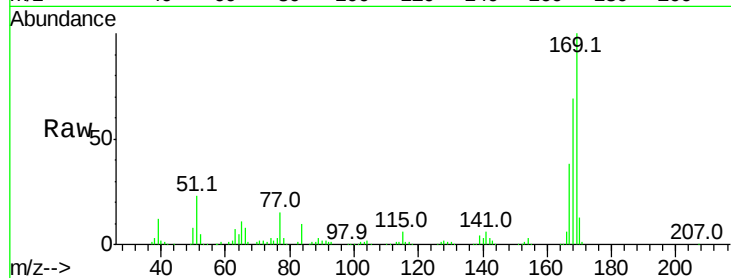
#65
 n-Nitrosodiphenylamine
 Concen: 42.410 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.3	53.9	80.9	
167	37.7	28.9	43.3	

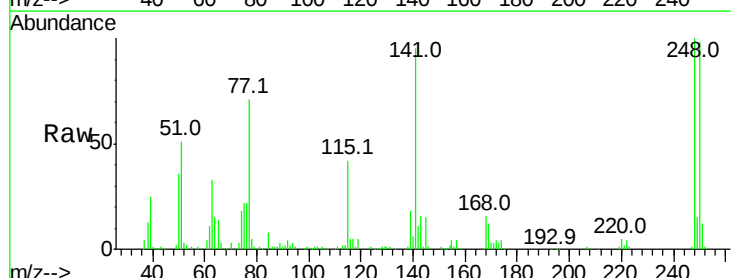
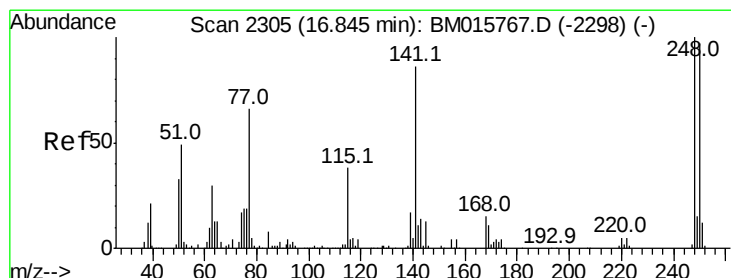
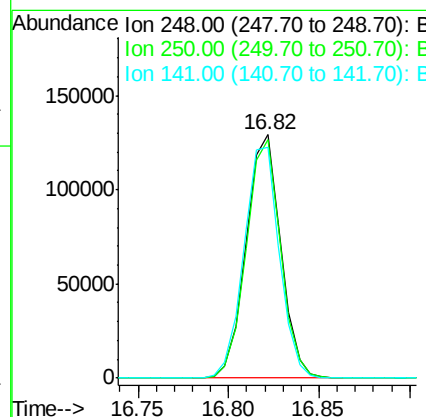
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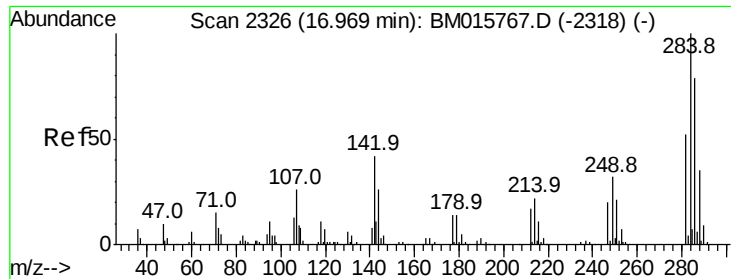
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#66
 4-Bromophenyl-phenylether
 Concen: 44.481 ng
 RT: 16.82 min Scan# 2301
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.2	77.4	116.0	
141	94.6	45.2	67.8#	





#67

Hexachlorobenzene

Concen: 43.309 ng

RT: 16.94 min Scan# 2321

Delta R.T. -0.03 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Instrument :

BNA_M

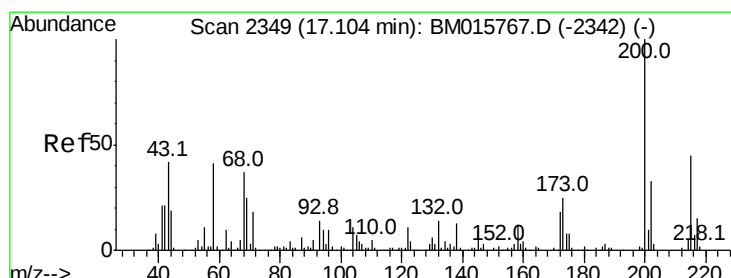
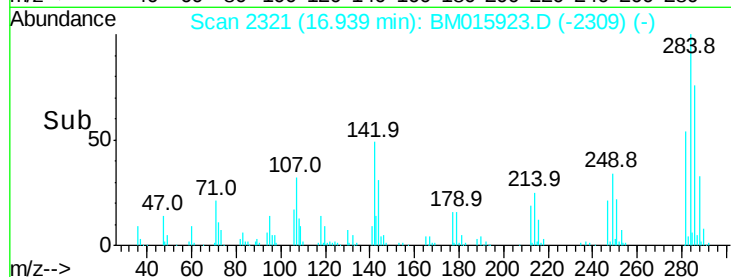
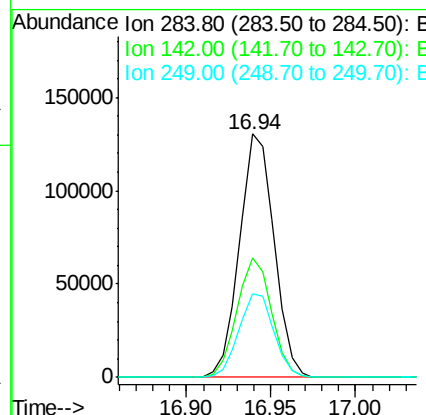
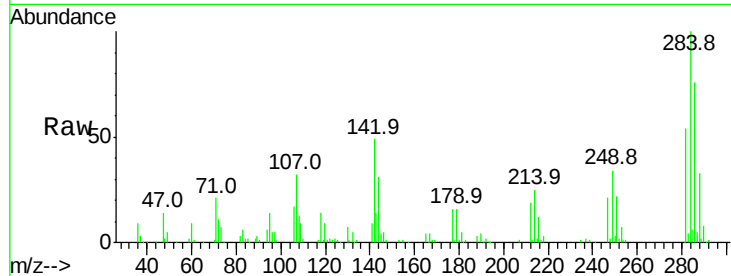
ClientSampleId :

PB111042BSD

Tot Ion:	284	Resp:	186195
Ion Ratio		Lower	Upper
284	100		
142	49.3	20.4	30.6#
249	34.2	23.8	35.6

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#68

Atrazine

Concen: 42.902 ng

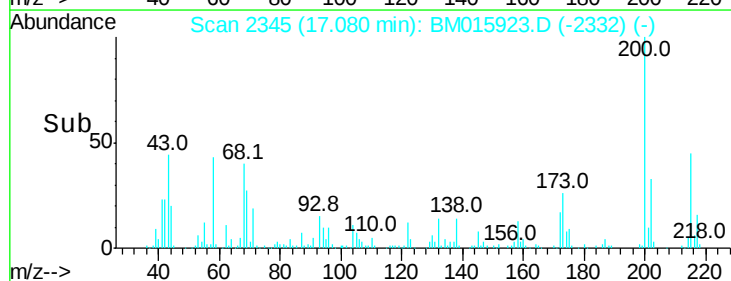
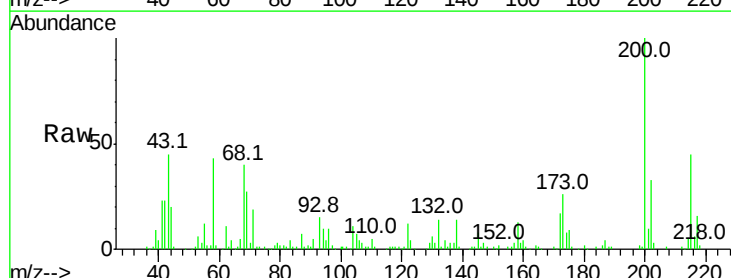
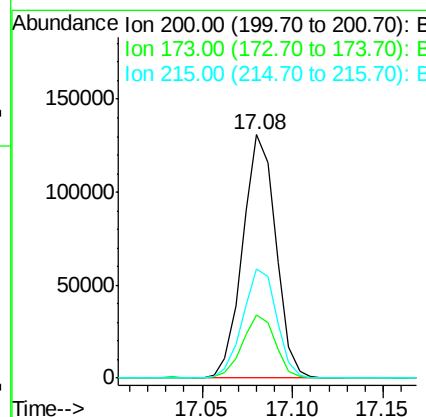
RT: 17.08 min Scan# 2345

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Tgt Ion:	200	Resp:	166620
Ion Ratio		Lower	Upper
200	100		
173	25.9	4.8	44.8
215	44.9	26.9	66.9





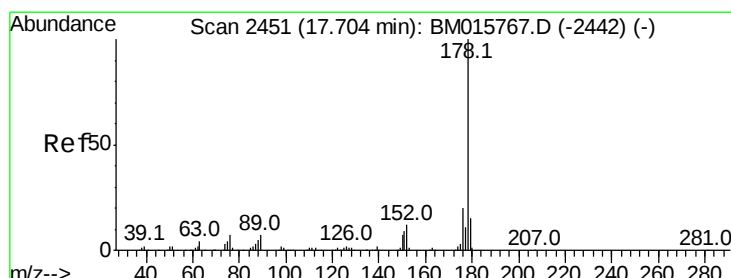
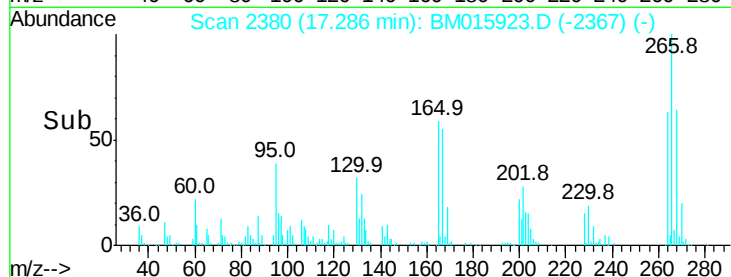
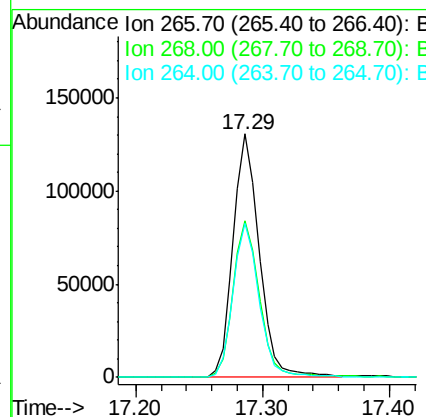
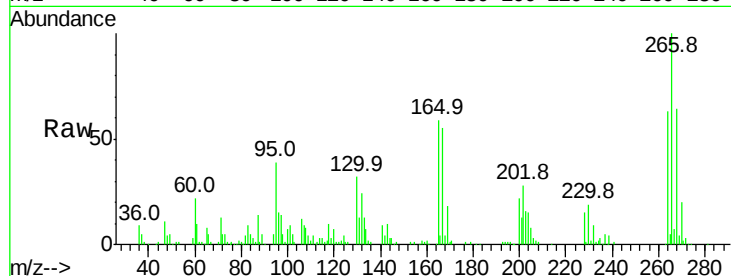
#69
 Pentachlorophenol
 Concen: 70.333 ng
 RT: 17.29 min Scan# 2380
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	187105		
268	64.4	52.0	78.0	
264	63.2	49.0	73.4	

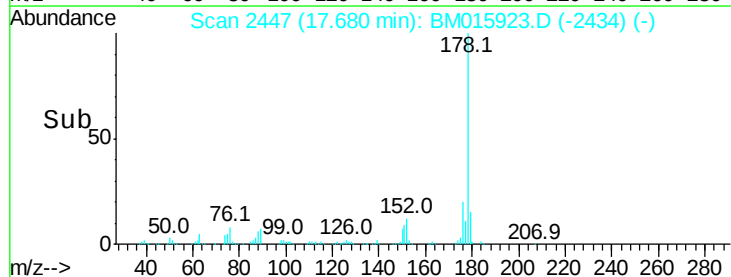
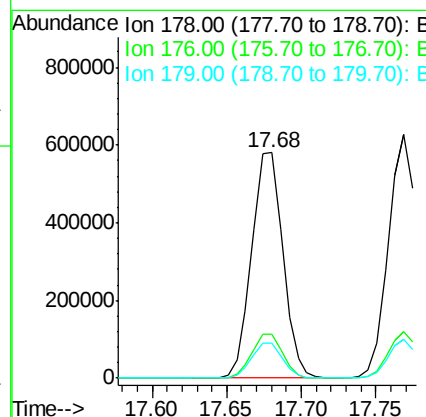
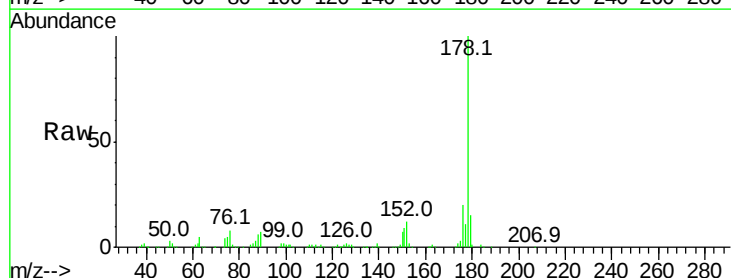
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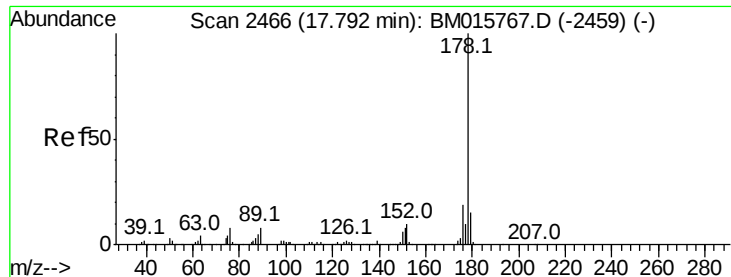
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#70
 Phenanthrene
 Concen: 42.657 ng
 RT: 17.68 min Scan# 2447
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	840952		
176	19.7	15.2	22.8	
179	15.3	12.1	18.1	





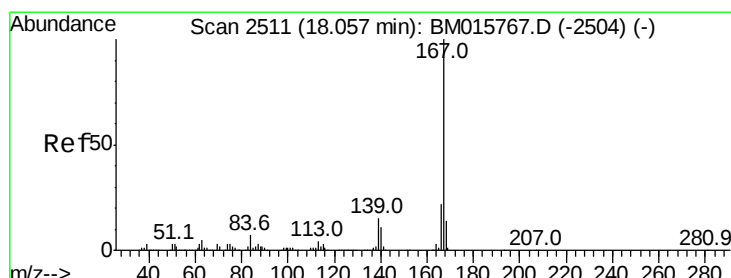
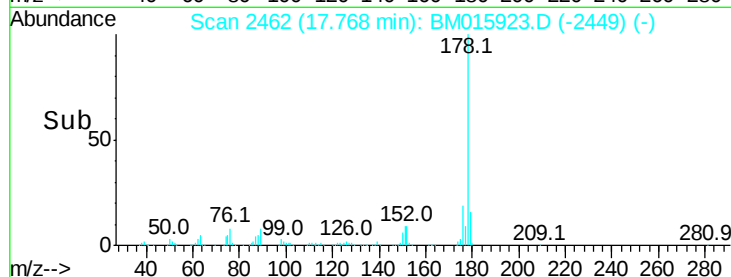
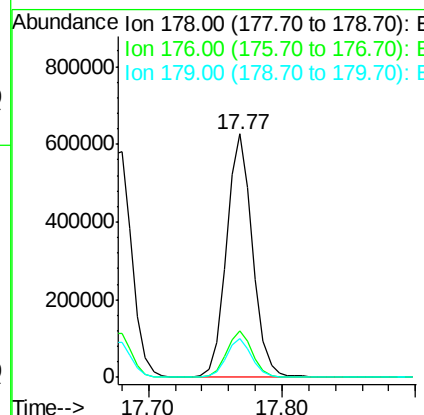
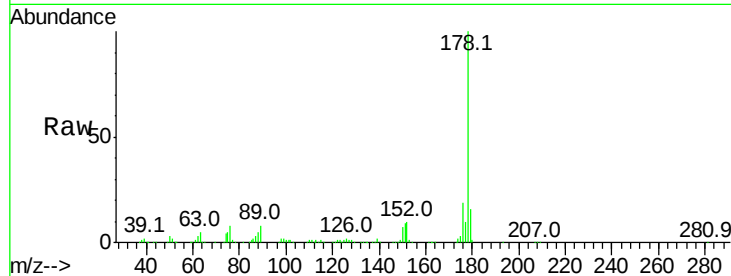
#71
 Anthracene
 Concen: 44.114 ng
 RT: 17.77 min Scan# 2462
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	22.0
179	15.7	12.6	19.0

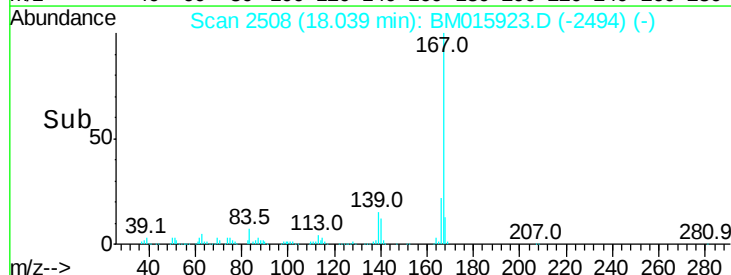
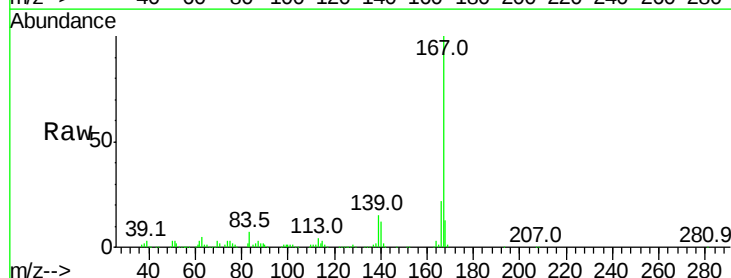
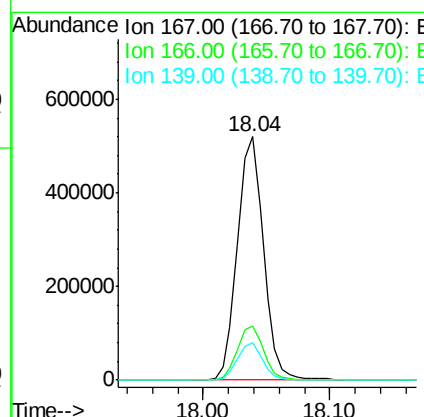
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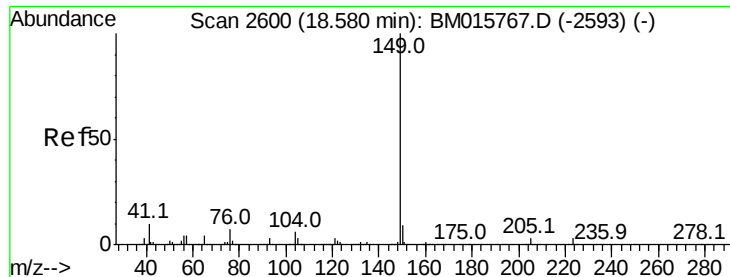
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#72
 Carbazole
 Concen: 40.926 ng
 RT: 18.04 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	15.2	10.8	16.2





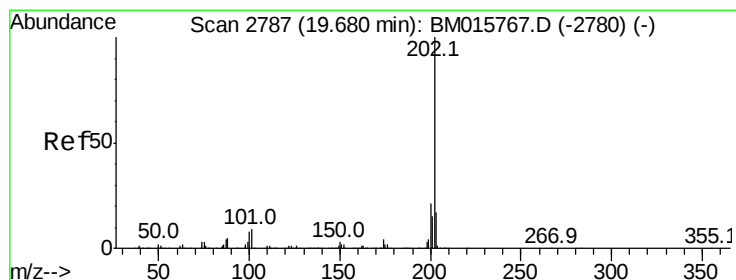
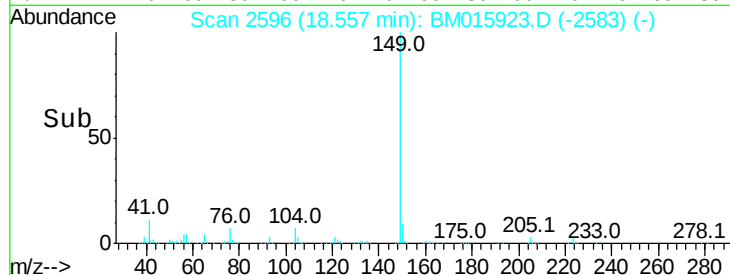
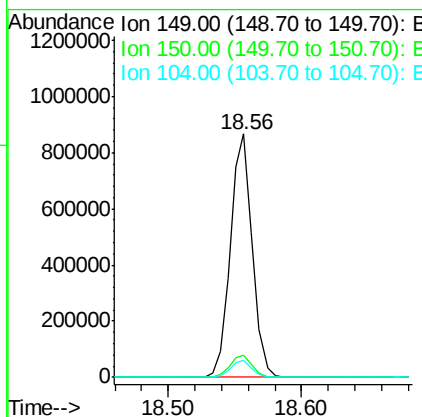
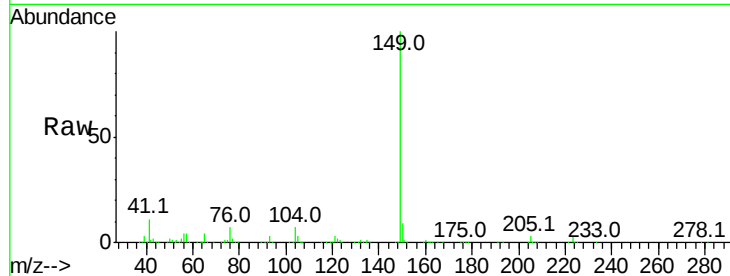
#73
Di-n-butylphthalate
Concen: 40.661 ng
RT: 18.56 min Scan# 2596
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.2	7.5	11.3
104	6.9	3.7	5.5

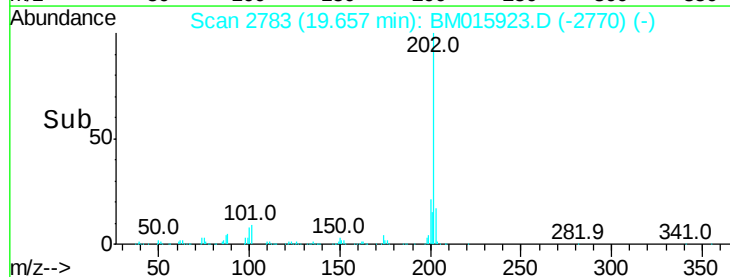
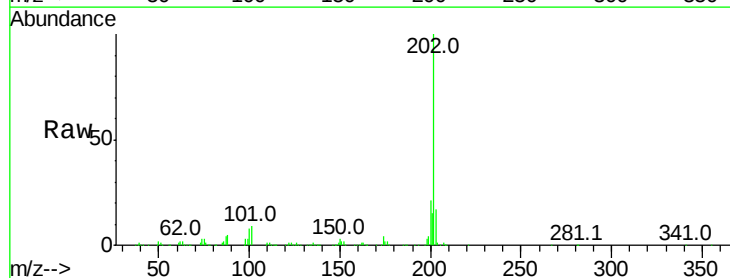
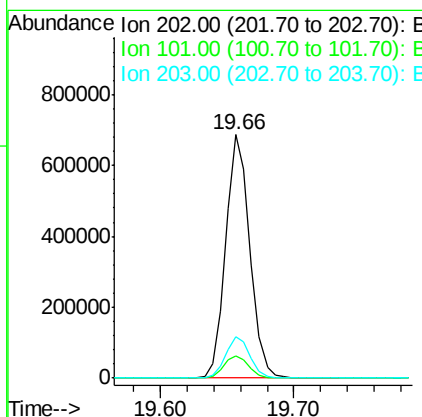
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#74
Fluoranthene
Concen: 38.630 ng
RT: 19.66 min Scan# 2783
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.2	0.0	28.7
203	17.1	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3138

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Instrument :

BNA_M

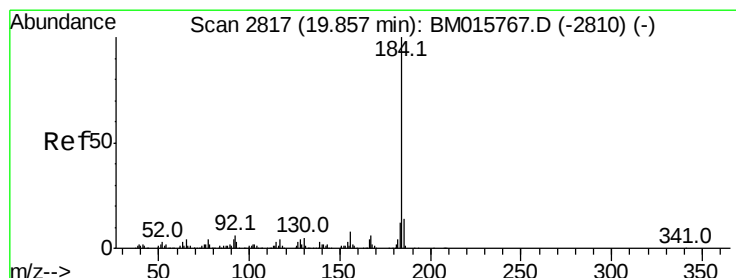
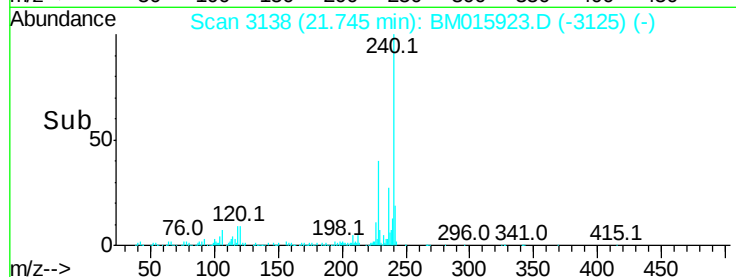
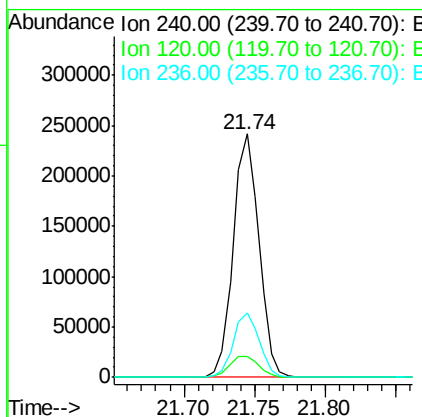
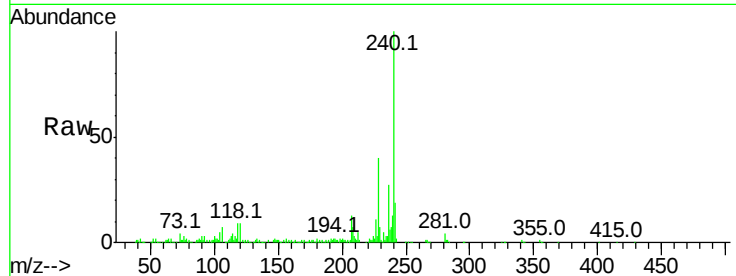
ClientSampleId :

PB111042BSD

Tot Ion:	240	Resp:	306805
Ion Ratio	Lower	Upper	
240	100		
120	8.7	8.2	12.2
236	26.7	20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 49.737 ng

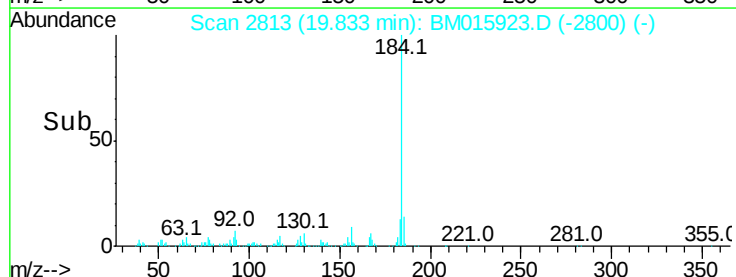
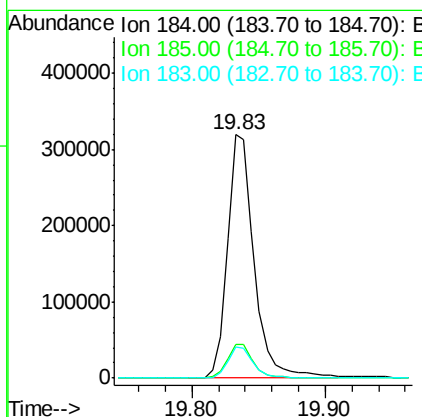
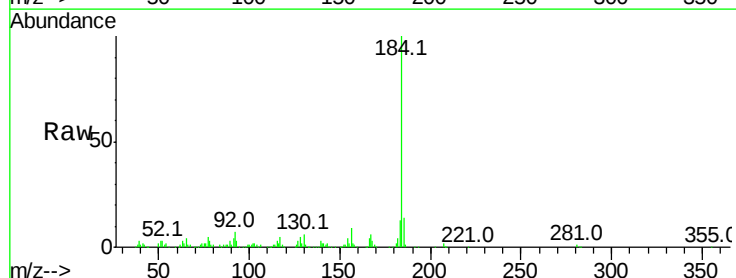
RT: 19.83 min Scan# 2813

Delta R.T. -0.02 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Tgt Ion:	184	Resp:	447090
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.3	16.9
183	12.7	8.9	13.3





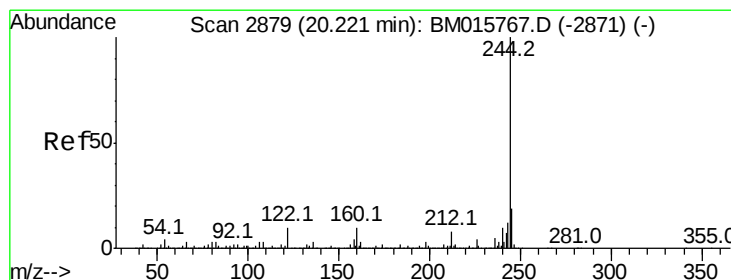
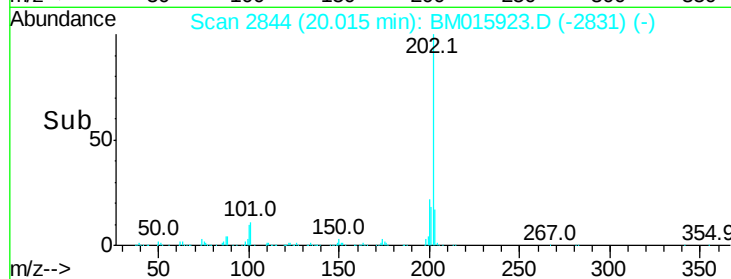
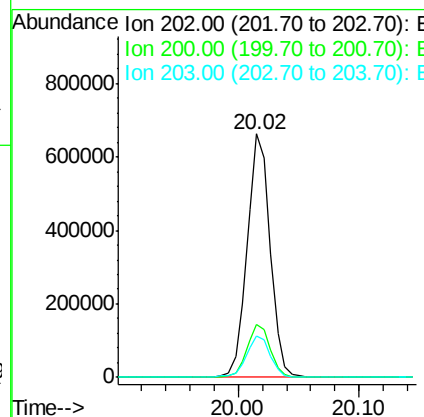
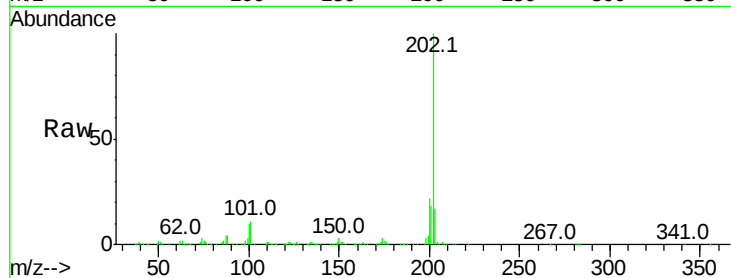
#77
Pvrene
Concen: 46.081 ng
RT: 20.02 min Scan# 2844
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.2	14.1	21.1

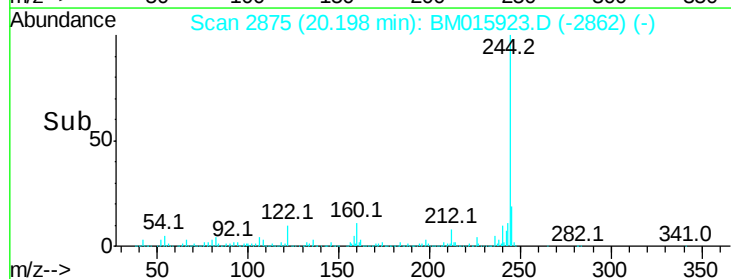
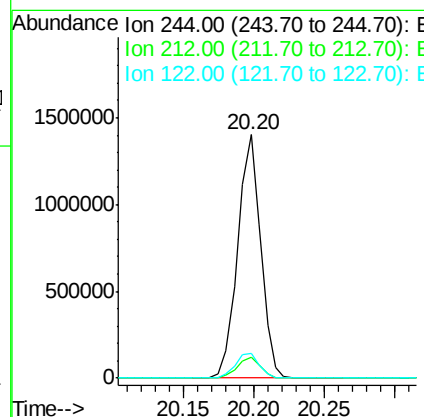
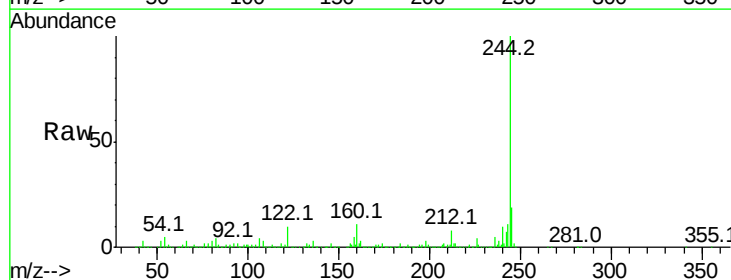
Manual Integrations
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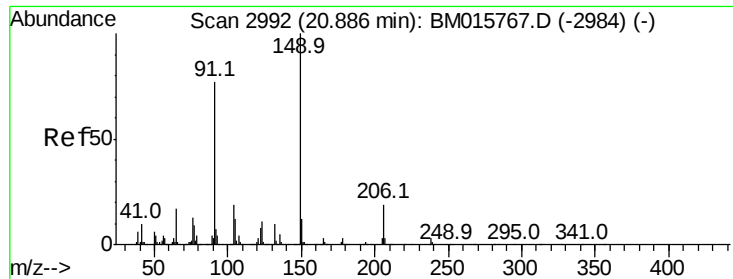
Sohil
7/13/2018 2:50:10 PM



#78
Terphenyl-d14
Concen: 46.081 ng
RT: 20.20 min Scan# 2875
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.5	4.9	7.3#
122	10.2	6.2	9.4#





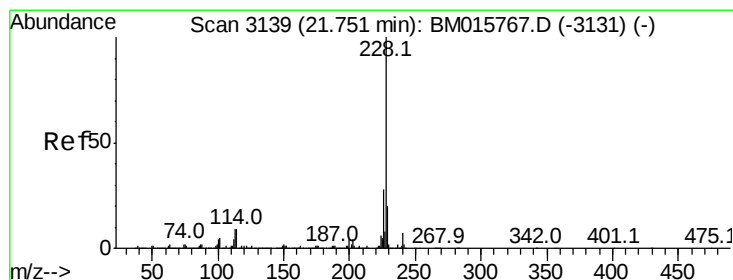
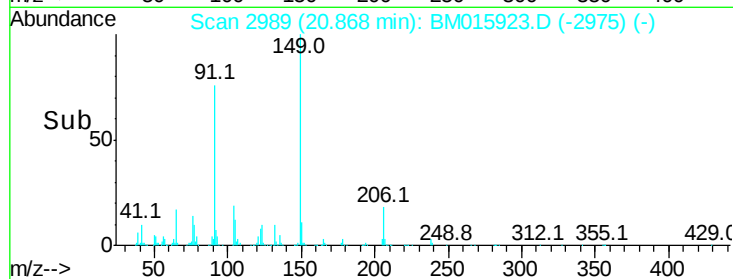
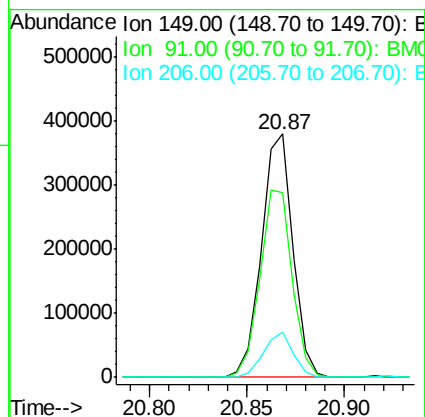
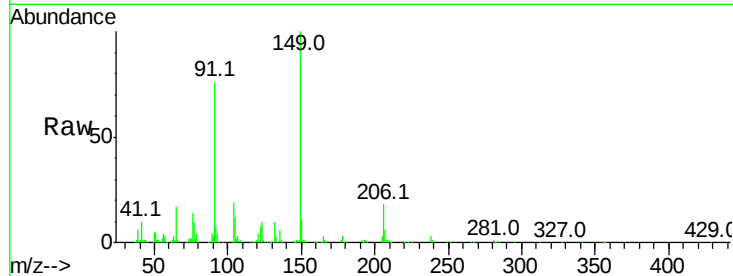
#79
Butylbenzylphthalate
Concen: 45.563 ng
RT: 20.87 min Scan# 2989
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.0	50.1	75.1#
206	18.4	16.2	24.2

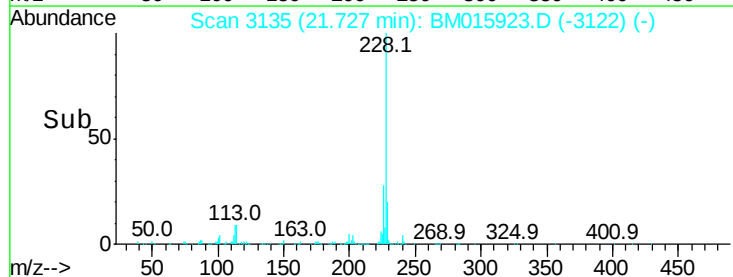
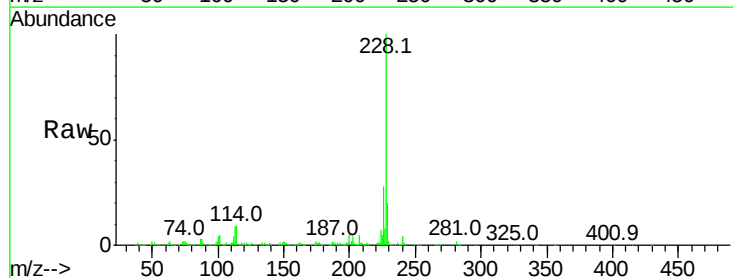
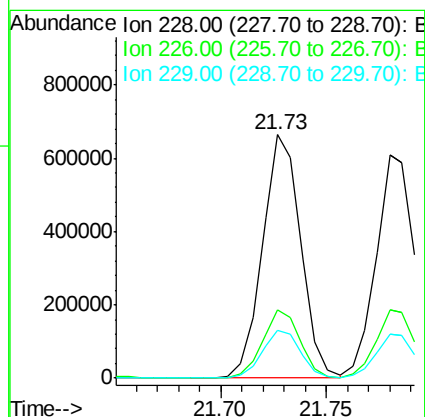
Manual Integrations
APPROVED

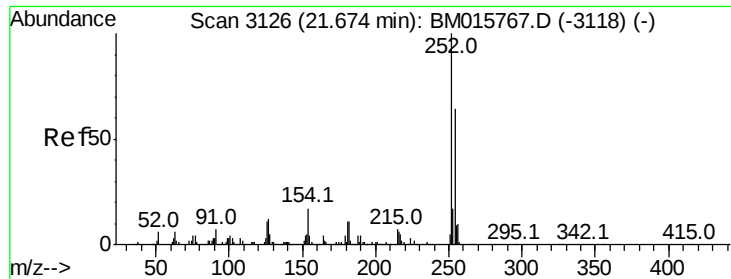
Sohil
7/13/2018 2:50:10 PM



#80
Benzo(a)anthracene
Concen: 42.931 ng
RT: 21.73 min Scan# 3135
Delta R.T. -0.02 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.7	32.5
229	19.5	16.0	24.0





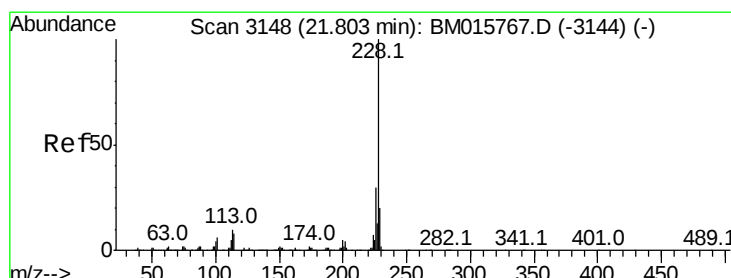
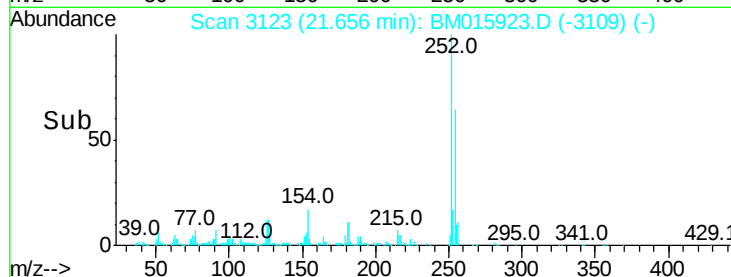
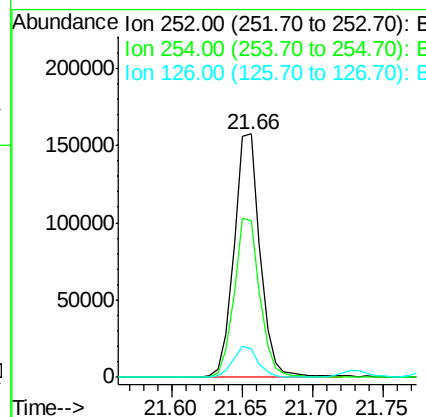
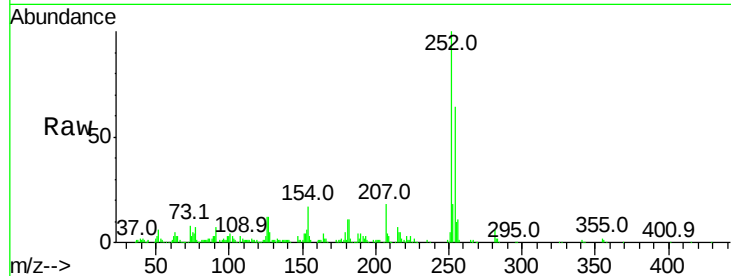
#81
 3,3'-Dichlorobenzidine
 Concen: 28.967 ng
 RT: 21.66 min Scan# 3123
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

Tot Ion:	252	Resp:	202455
Ion Ratio	Lower	Upper	
252	100		
254	64.3	51.9	77.9
126	11.6	9.8	14.8

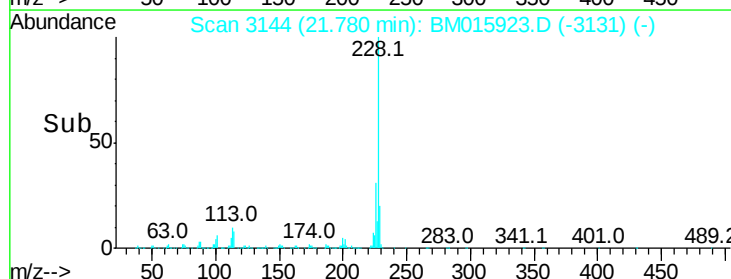
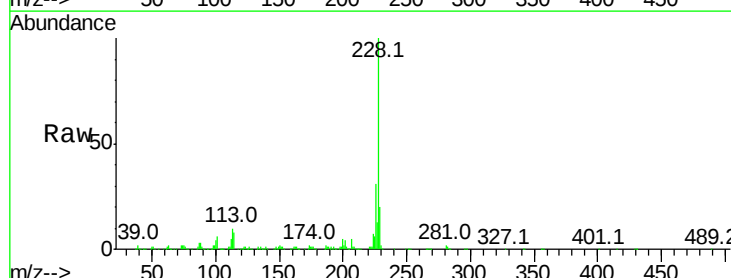
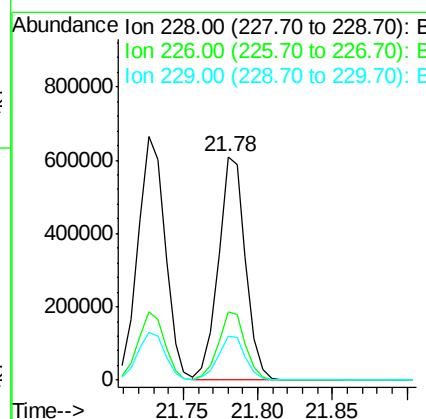
Manual Integrations
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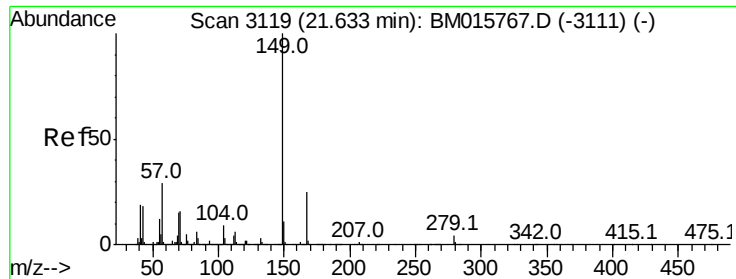
Sohil
 7/13/2018 2:50:10 PM



#82
 Chrysene
 Concen: 42.626 ng
 RT: 21.78 min Scan# 3144
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion:	228	Resp:	772411
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.1	36.1
229	19.7	15.5	23.3





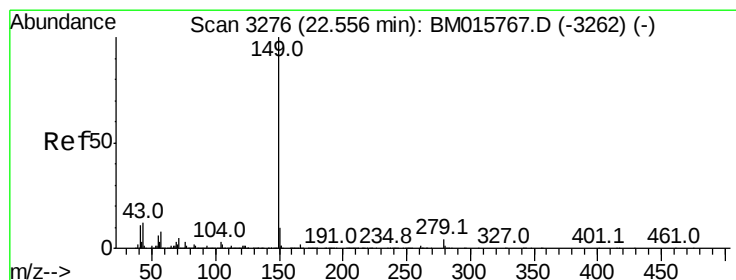
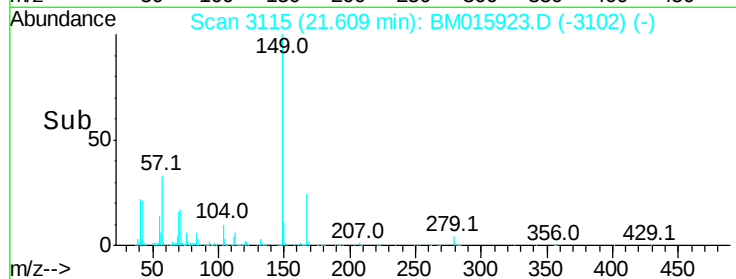
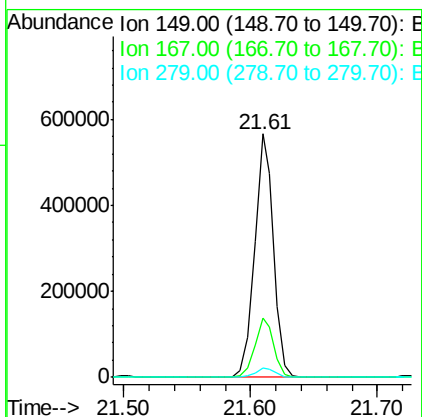
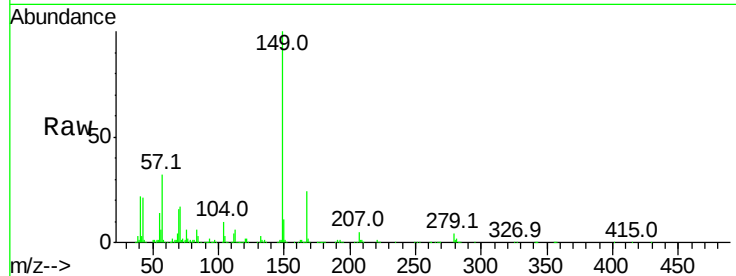
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.122 ng
 RT: 21.61 min Scan# 3115
 Delta R.T. -0.02 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :
 PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	588621		
167	24.5		22.4	33.6
279	3.8		3.4	5.0

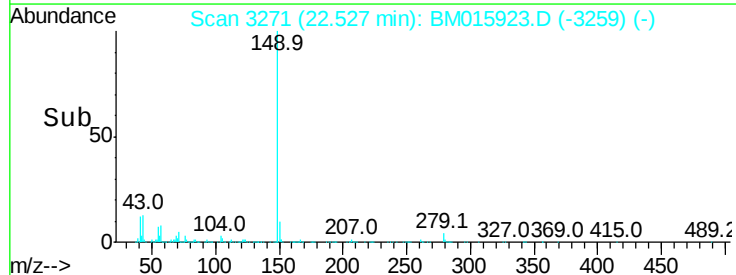
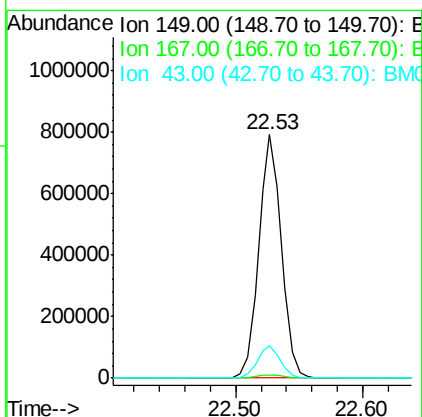
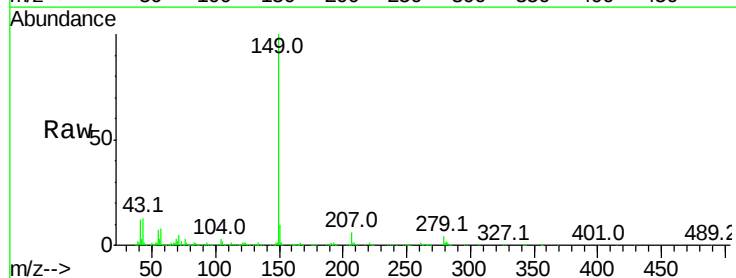
Manual Integrations
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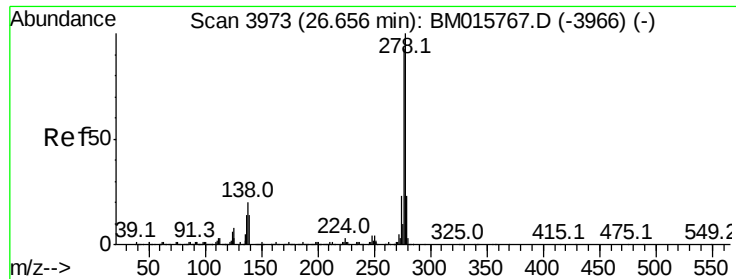
Sohil
 7/13/2018 2:50:10 PM



#84
 Di-n-octyl phthalate
 Concen: 43.965 ng
 RT: 22.53 min Scan# 3271
 Delta R.T. -0.03 min
 Lab File: BM015923.D
 Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	978555		
167	1.5		1.2	1.8
43	13.7		7.3	10.9#





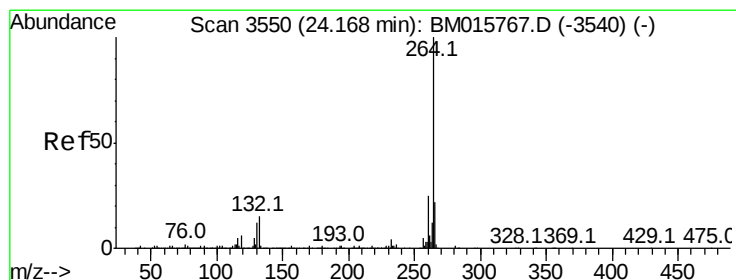
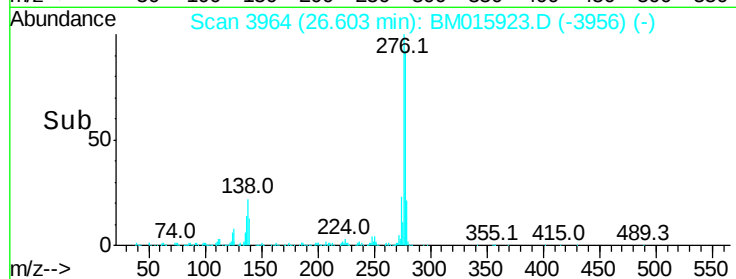
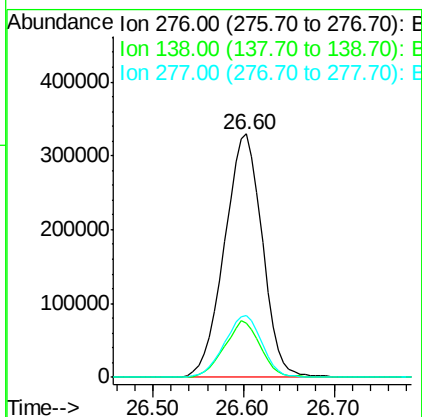
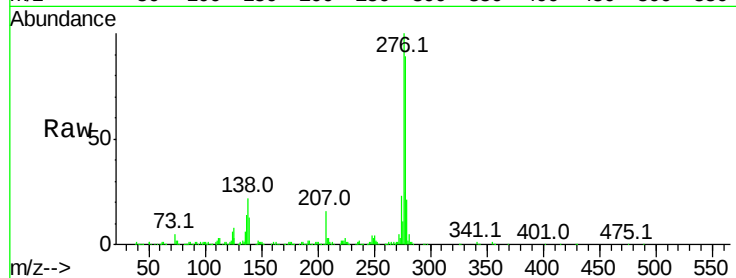
#85
Indeno(1,2,3-cd)pyrene
Concen: 56.067 ng
RT: 26.60 min Scan# 3964
Delta R.T. -0.05 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100	943927		
138	22.5	12.0	18.0	#
277	25.2	20.0	30.0	

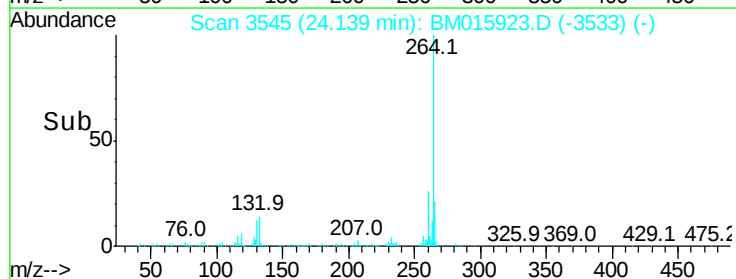
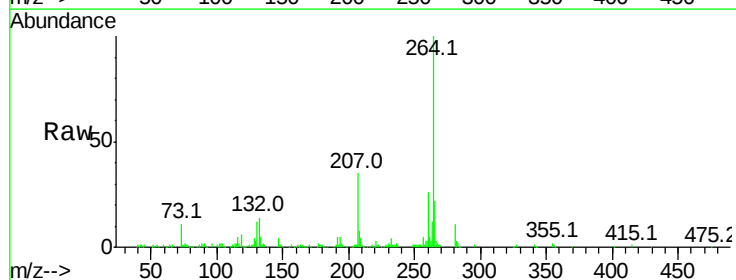
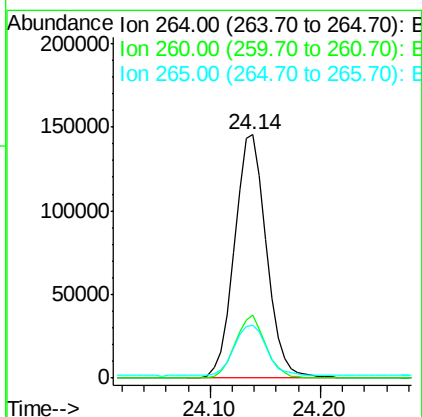
Manual Integrations
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.14 min Scan# 3545
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	296856		
260	25.9	18.6	27.8	
265	21.7	17.3	25.9	





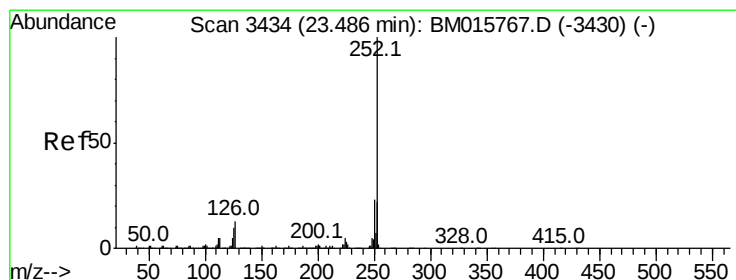
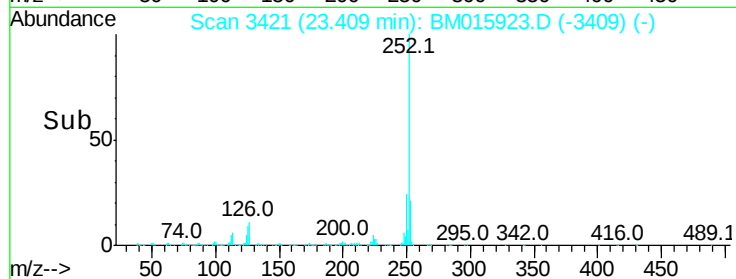
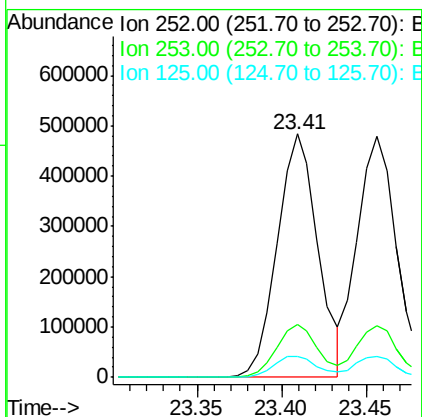
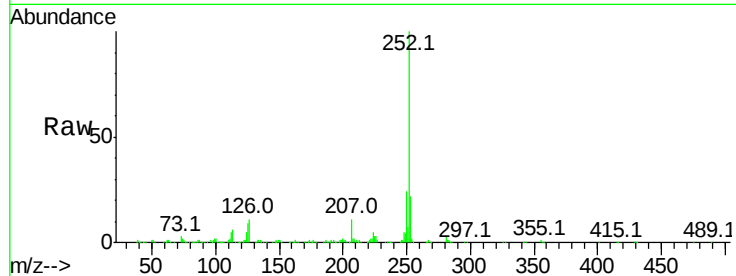
#87
Benzo(b)fluoranthene
Concen: 40.787 ng
RT: 23.41 min Scan# 3421
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	8.6	9.9	14.9

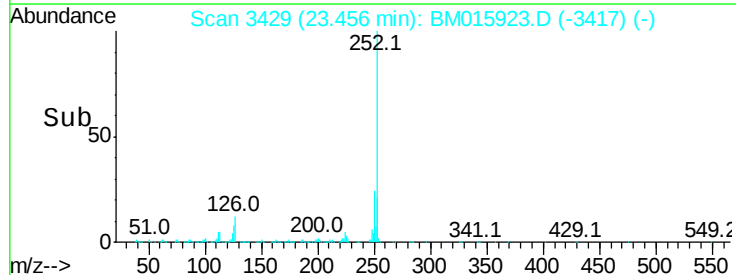
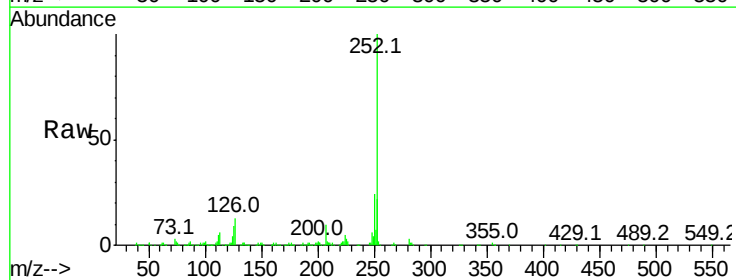
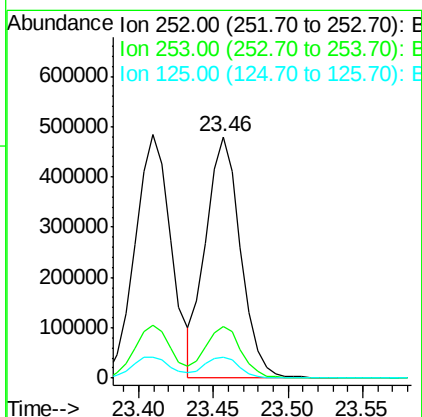
Manual Integrations
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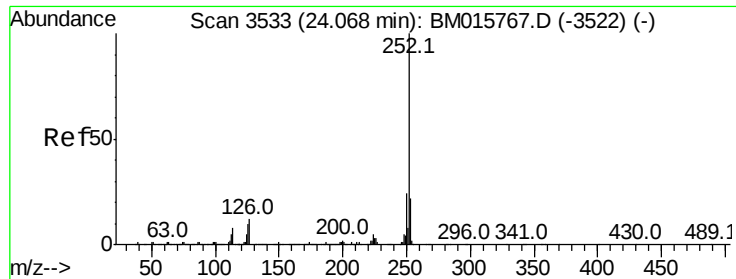
Sohil
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#88
Benzo(k)fluoranthene
Concen: 40.274 ng
RT: 23.46 min Scan# 3429
Delta R.T. -0.03 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	8.7	8.1	12.1





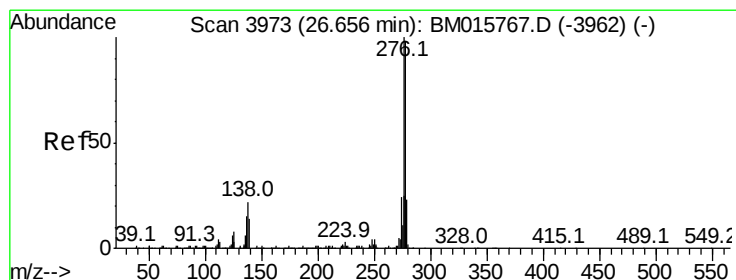
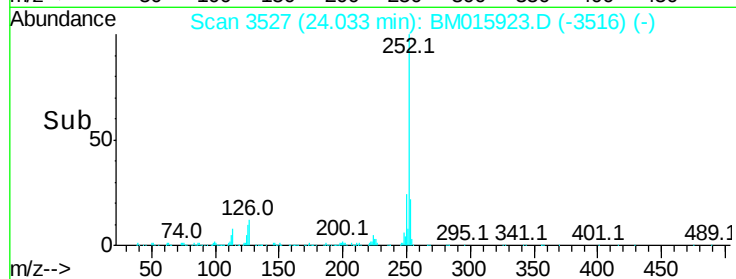
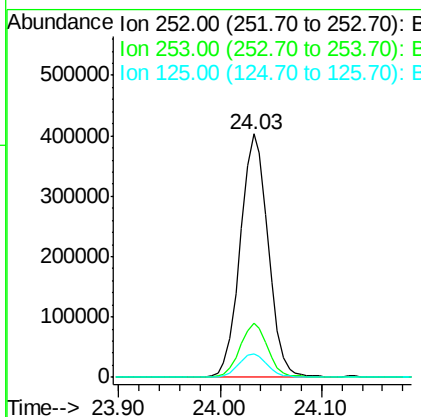
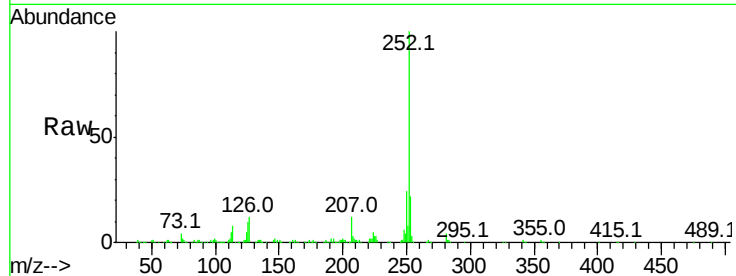
#89
Benzo(a)pyrene
Concen: 44.162 ng
RT: 24.03 min Scan# 3527
Delta R.T. -0.04 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Instrument :
BNA_M
ClientSampleId :
PB111042BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.7	7.4	11.2

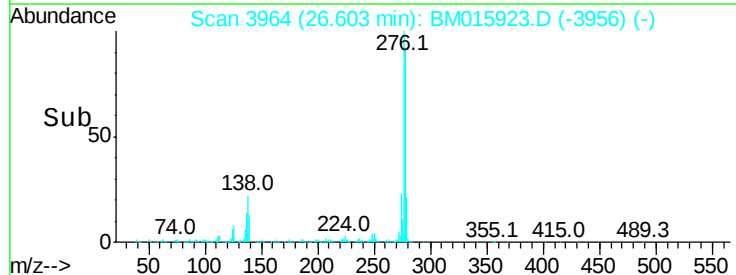
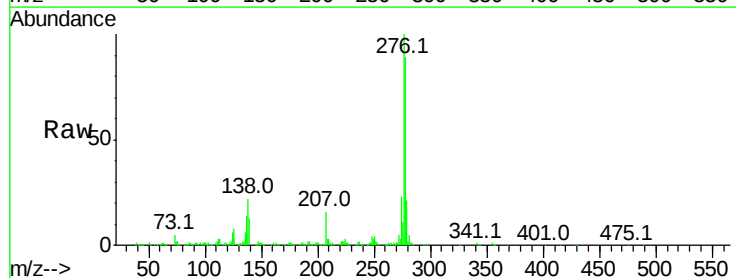
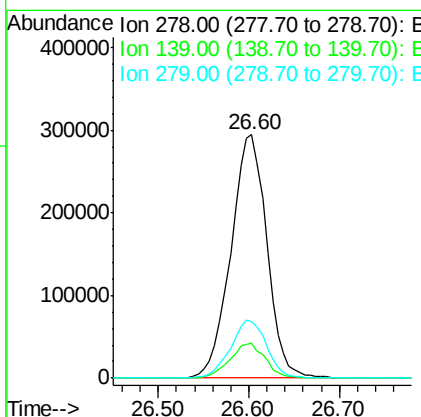
Manual Integrations
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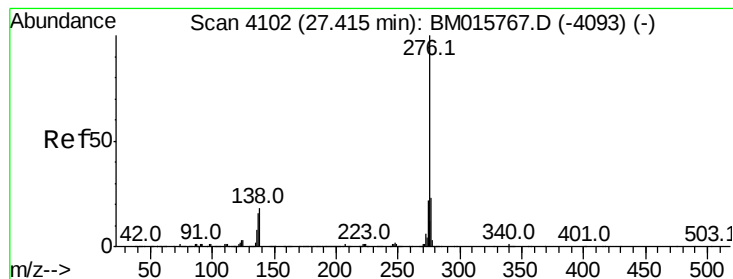
Sohil
7/13/2018 2:50:10 PM



#90
Dibenzo(a,h)anthracene
Concen: 51.211 ng
RT: 26.60 min Scan# 3964
Delta R.T. -0.05 min
Lab File: BM015923.D
Acq: 12 Jul 2018 20:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.5	13.4	20.0
279	23.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 54.192 ng

RT: 27.36 min Scan# 4092

Delta R.T. -0.06 min

Lab File: BM015923.D

Acq: 12 Jul 2018 20:07

Instrument :

BNA_M

ClientSampleId :

PB111042BSD

Tot Ion:	276	Resp:	747426
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.5	27.7
138	19.2	19.0	28.6

Manual Integrations
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