

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015842.D
 Acq On : 09 Jul 2018 14:30
 Operator : SJ/JU
 Sample : PB110790BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:50:00 PM

Quant Time: Jul 10 04:37:33 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	8.30	152	55684	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	254893	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	155232	20.00	ng	-0.01
63) Phenanthrene-d10	17.65	188	374957	20.00	ng	0.00
75) Chrysene-d12	21.76	240	481024	20.00	ng	-0.01
86) Perylene-d12	24.16	264	488506	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	362987	111.79	ng	-0.01
7) Phenol-d6	7.45	99	495036	111.37	ng	-0.01
23) Nitrobenzene-d5	9.49	82	535378	102.48	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	225816	111.33	ng	-0.01
44) 2-Fluorobiphenyl	13.55	172	1224834	97.96	ng	-0.02
78) Terphenyl-d14	20.21	244	2393541	92.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	46610	34.710	ng	# 100
3) Pyridine	4.00	79	123508m	34.854	ng	
4) n-Nitrosodimethylamine	3.91	42	121988	44.211	ng	# 42
6) Aniline	7.62	93	163635	30.364	ng	91
8) 2-Chlorophenol	7.86	128	215193	55.222	ng	95
9) Benzaldehyde	7.44	77	100507	35.874	ng	93
10) Phenol	7.48	94	254696	57.024	ng	94
11) bis(2-Chloroethyl)ether	7.72	93	169162	46.558	ng	89
12) 1,3-Dichlorobenzene	8.19	146	195099	45.156	ng	# 90
13) 1,4-Dichlorobenzene	8.34	146	200917	44.969	ng	95
14) 1,2-Dichlorobenzene	8.66	146	198969	46.047	ng	95
15) Benzyl Alcohol	8.55	79	197211	51.103	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.83	45	273487	68.922	ng	96
17) 2-Methylphenol	8.75	107	177722	57.433	ng	# 84
18) Hexachloroethane	9.39	117	82335	46.604	ng	95
19) n-Nitroso-di-n-propylamine	9.12	70	166354	46.566	ng	# 78
20) 3+4-Methylphenols	9.08	107	239143	55.637	ng	88
22) Acetophenone	9.15	105	307984	46.383	ng	# 87
24) Nitrobenzene	9.53	77	257340	50.605	ng	98
25) Isophorone	10.05	82	442655	55.514	ng	# 93
26) 2-Nitrophenol	10.25	139	111006	50.693	ng	# 63
27) 2,4-Dimethylphenol	10.29	122	213093	64.057	ng	# 83
28) bis(2-Chloroethoxy)methane	10.53	93	260123	50.073	ng	98
29) 2,4-Dichlorophenol	10.77	162	214026	58.091	ng	98
30) 1,2,4-Trichlorobenzene	10.99	180	202489	47.318	ng	98
31) Naphthalene	11.18	128	650399	49.216	ng	99
32) Benzoic acid	10.46	122	130571	44.333	ng	90
33) 4-Chloroaniline	11.30	127	158084	29.340	ng	# 89
34) Hexachlorobutadiene	11.44	225	129293	45.272	ng	98
35) Caprolactam	12.10	113	68647m	56.182	ng	
36) 4-Chloro-3-methylphenol	12.40	107	245158	57.992	ng	88
37) 2-Methylnaphthalene	12.77	142	501443	53.340	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	238031	47.776	ng	# 100
40) Hexachlorocyclopentadiene	13.09	237	209085	88.707	ng	99

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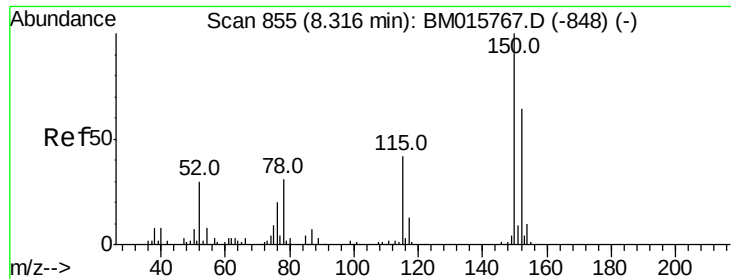
Manual Integrations
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 7/10/2018 2:50:00 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	168636	53.546	ng	98
43) 2,4,5-Trichlorophenol	13.45	196	182855	53.748	ng	# 83
45) 1,1'-Biphenyl	13.76	154	654101	48.736	ng	99
46) 2-Chloronaphthalene	13.81	162	503542	50.180	ng	# 91
47) 2-Nitroaniline	14.02	65	189062	54.027	ng	# 78
48) Acenaphthylene	14.65	152	829208	50.796	ng	99
49) Dimethylphthalate	14.37	163	686465	50.142	ng	99
50) 2,6-Dinitrotoluene	14.51	165	144131	53.995	ng	# 70
51) Acenaphthene	14.99	154	482873	47.537	ng	98
52) 3-Nitroaniline	14.84	138	102342	35.028	ng	# 76
53) 2,4-Dinitrophenol	15.06	184	146801	107.283	ng	# 85
54) Dibenzofuran	15.32	168	798338	51.004	ng	# 85
55) 4-Nitrophenol	15.14	139	255523	118.502	ng	# 75
56) 2,4-Dinitrotoluene	15.30	165	214246	55.594	ng	94
57) Fluorene	15.96	166	673675	52.192	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	164318	57.237	ng	# 100
59) Diethylphthalate	15.72	149	766219	52.227	ng	96
60) 4-Chlorophenyl-phenylether	15.94	204	327447	49.301	ng	# 88
61) 4-Nitroaniline	16.00	138	170492	56.250	ng	# 30
62) Azobenzene	16.23	77	799407	58.130	ng	79
64) 4,6-Dinitro-2-methylphenol	16.06	198	111636	48.975	ng	88
65) n-Nitrosodiphenylamine	16.16	169	591788	46.061	ng	99
66) 4-Bromophenyl-phenylether	16.83	248	198897	47.509	ng	# 81
67) Hexachlorobenzene	16.96	284	225554	48.214	ng	# 79
68) Atrazine	17.09	200	227588	53.854	ng	96
69) Pentachlorophenol	17.30	266	266524	92.071	ng	98
70) Phenanthrene	17.69	178	1082560	50.465	ng	99
71) Anthracene	17.78	178	1104183	52.414	ng	98
72) Carbazole	18.05	167	1054345	53.708	ng	98
73) Di-n-butylphthalate	18.57	149	1366878	51.659	ng	# 98
74) Fluoranthene	19.67	202	1320832	53.560	ng	98
76) Benzidine	19.84	184	566994	40.231	ng	99
77) Pyrene	20.03	202	1363631	45.509	ng	99
79) Butylbenzylphthalate	20.88	149	709294	48.970	ng	# 87
80) Benzo(a)anthracene	21.74	228	1550543	50.841	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	330234	30.137	ng	98
82) Chrysene	21.80	228	1436383	50.558	ng	99
83) Bis(2-ethylhexyl)phthalate	21.62	149	1055263	49.309	ng	94
84) Di-n-octyl phthalate	22.54	149	1891582	54.206	ng	# 90
85) Indeno(1,2,3-cd)pyrene	26.64	276	1894628	71.778	ng	# 93
87) Benzo(b)fluoranthene	23.43	252	1656351	50.785	ng	# 96
88) Benzo(k)fluoranthene	23.47	252	1594393	50.324	ng	98
89) Benzo(a)pyrene	24.06	252	1578492	54.981	ng	99
90) Dibenzo(a,h)anthracene	26.64	278	1623193	62.839	ng	98
91) Benzo(g,h,i)perylene	27.40	276	1487691	65.548	ng	# 94

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



#1

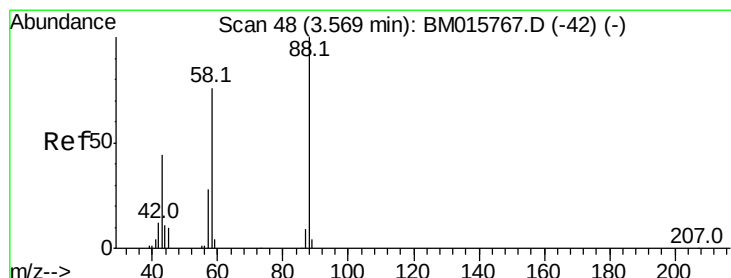
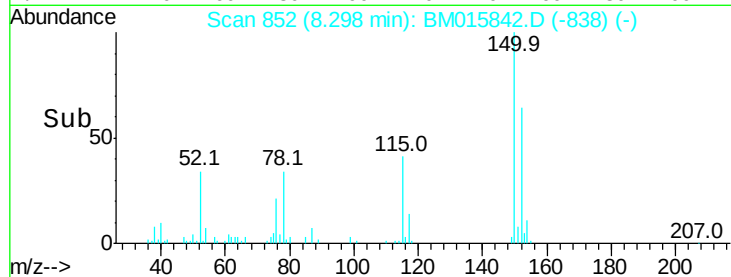
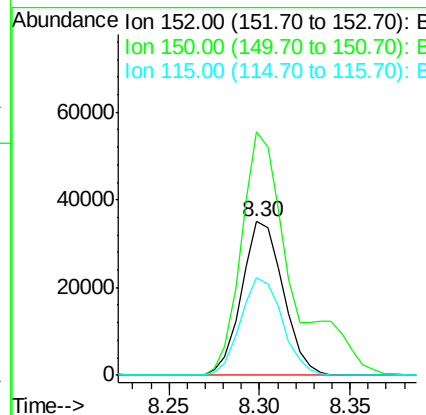
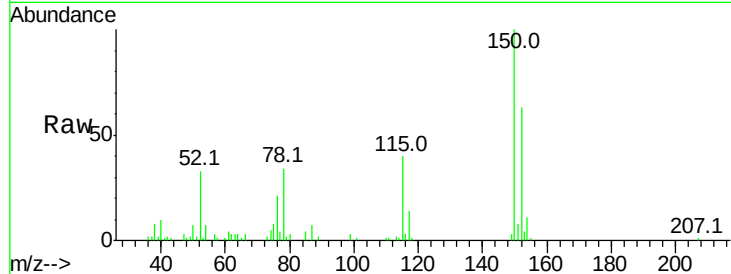
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	119.5	179.3
115	63.6	43.0	64.4

Manual Integrations
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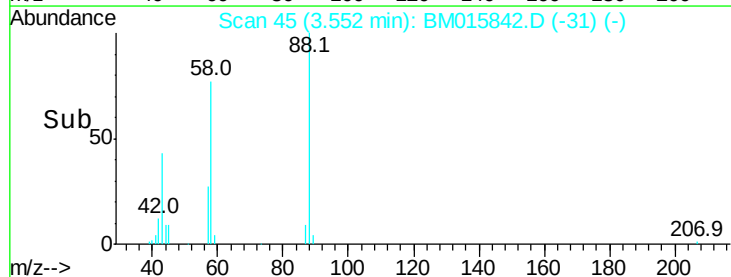
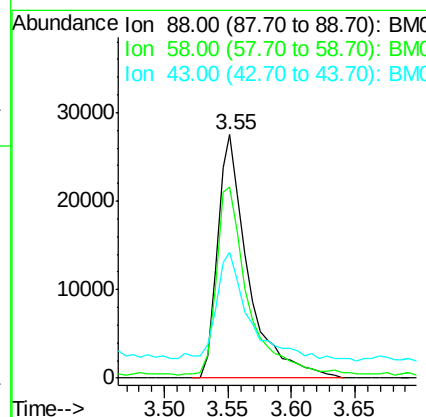
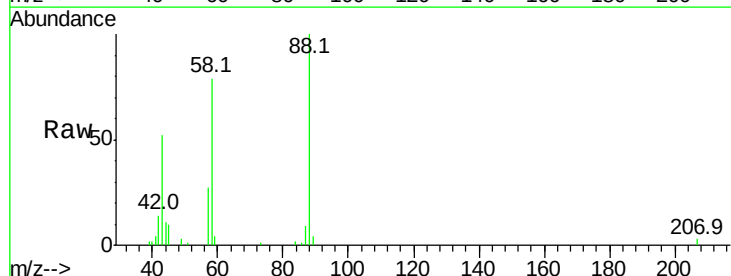
Sohil
7/10/2018 2:50:00 PM

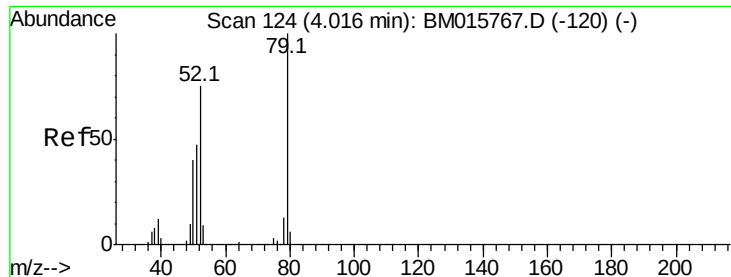


#2

1,4-Dioxane
Concen: 34.710 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.9	0.0	0.0#
43	44.3	0.0	0.0#





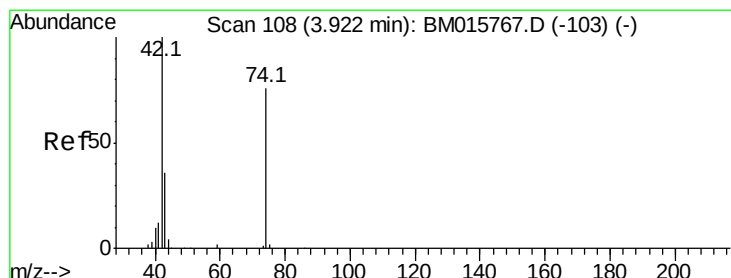
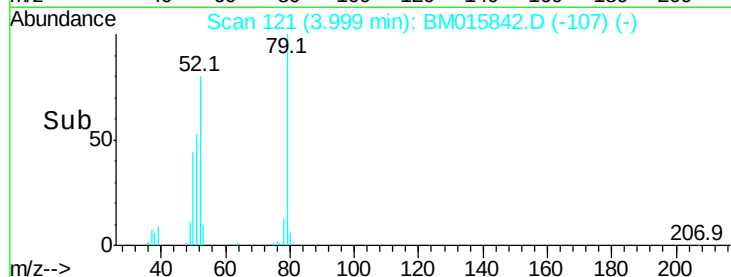
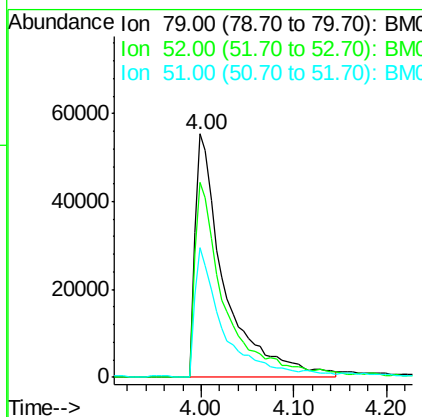
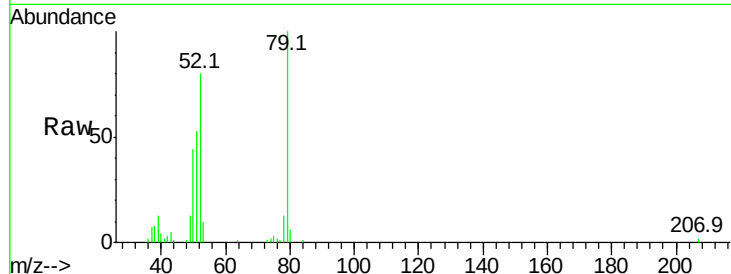
#3
 Pvridine
 Concen: 34.854 ng m
 RT: 4.00 min Scan# 121
 Delta R.T. -0.02 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion: 79 Resp: 123508
 Ion Ratio Lower Upper
 79 100
 52 80.2 51.1 76.7#
 51 53.3 26.1 39.1#

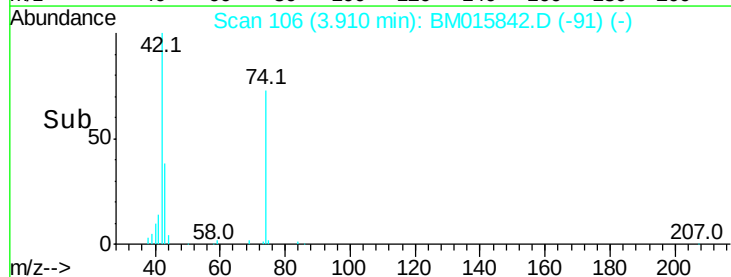
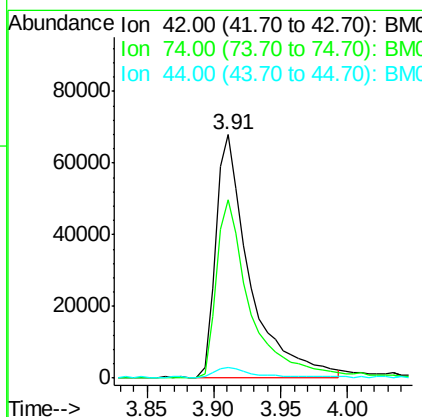
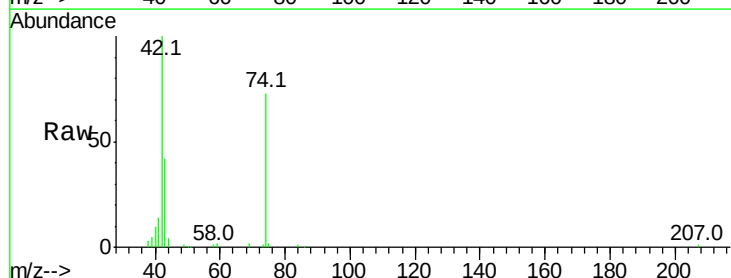
Manual Integrations
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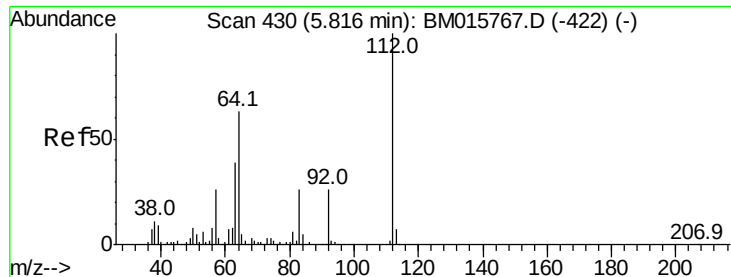
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 7/10/2018 2:50:00 PM



#4
 n-Nitrosodimethylamine
 Concen: 44.211 ng
 RT: 3.91 min Scan# 106
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion: 42 Resp: 121988
 Ion Ratio Lower Upper
 42 100
 74 73.1 119.3 178.9#
 44 4.3 5.4 8.2#





#5

2-Fluorophenol

Concen: 44.211 ng

RT: 5.80 min Scan# 428

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tot Ion: 112 Resp: 362987

Ion Ratio Lower Upper

112 100

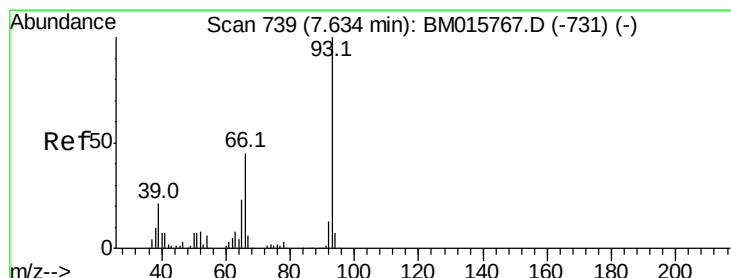
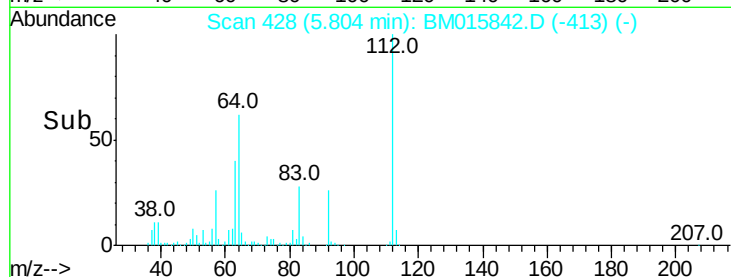
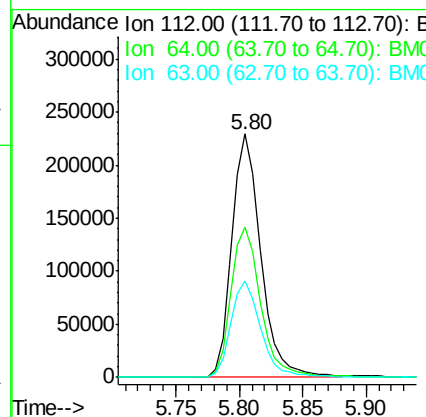
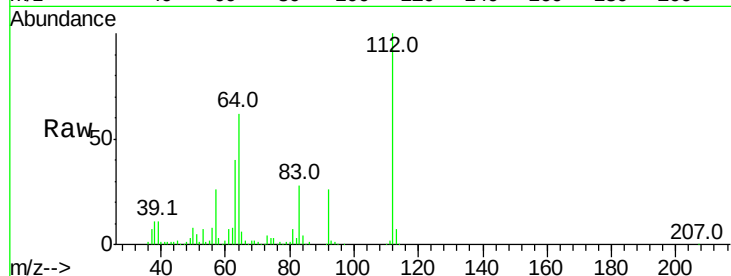
64 61.9 38.6 57.8#

63 39.7 19.3 28.9#

Manual Integrations
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#6

Aniline

Concen: 30.364 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

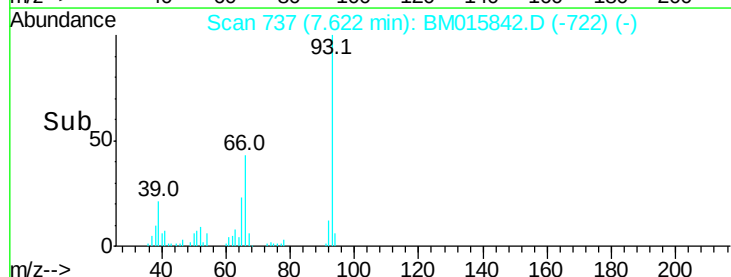
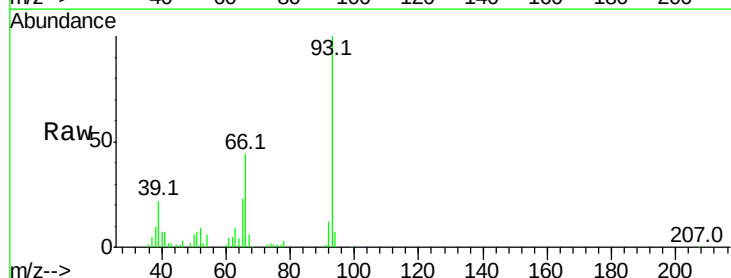
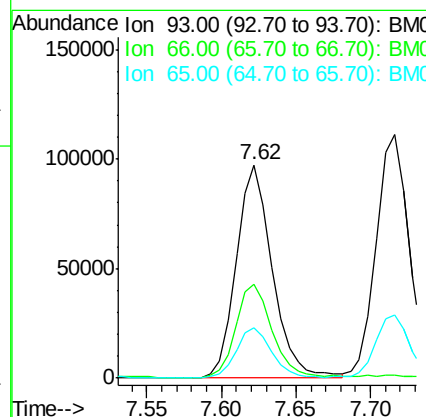
Tgt Ion: 93 Resp: 163635

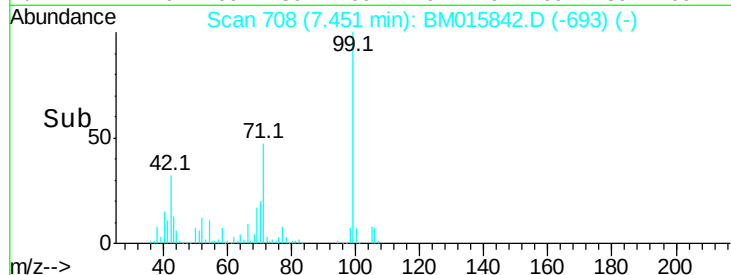
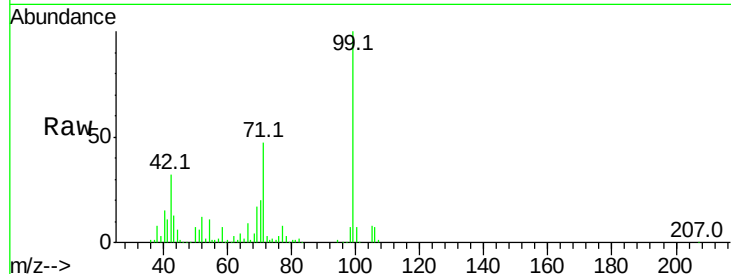
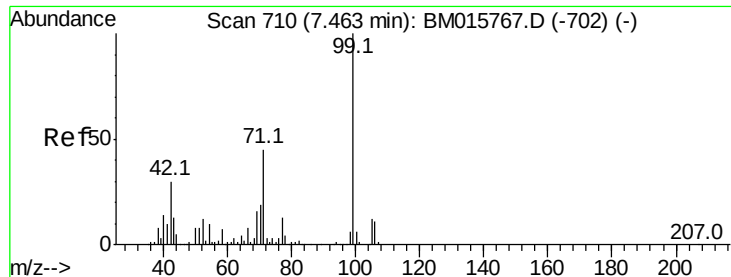
Ion Ratio Lower Upper

93 100

66 44.1 30.8 46.2

65 23.4 16.0 24.0





#7

Phenol-d6

Concen: 30.364 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		495036		
42	32.3	11.0		16.4#	
71	47.5	23.4		35.2#	

Instrument :

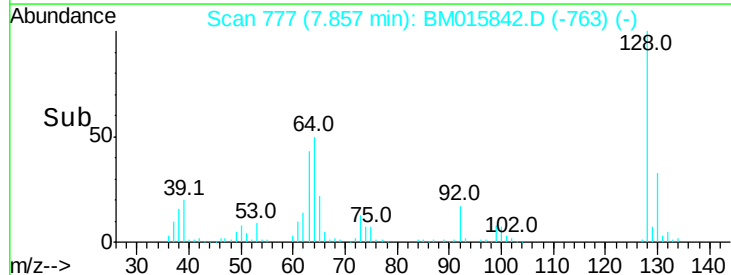
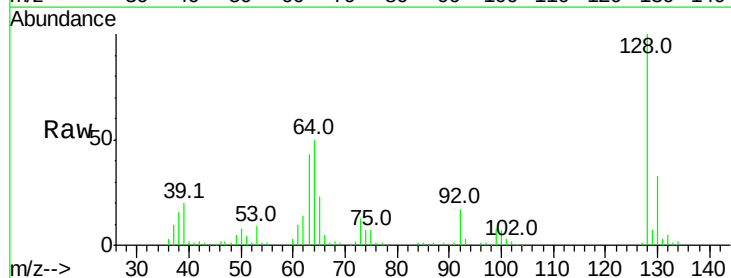
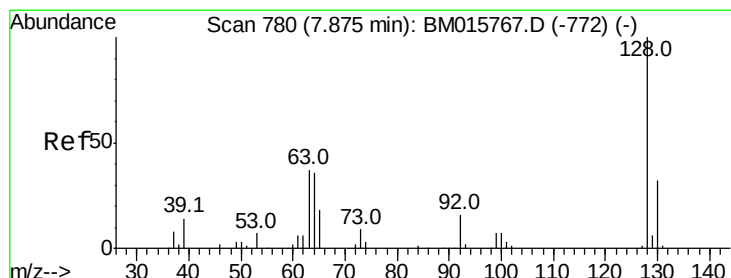
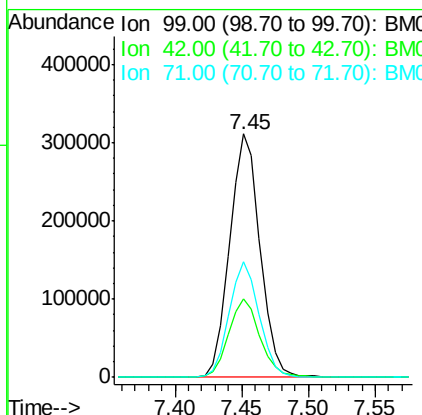
BNA_M

ClientSampleId :

PB110790BSD

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#8

2-Chlorophenol

Concen: 55.222 ng

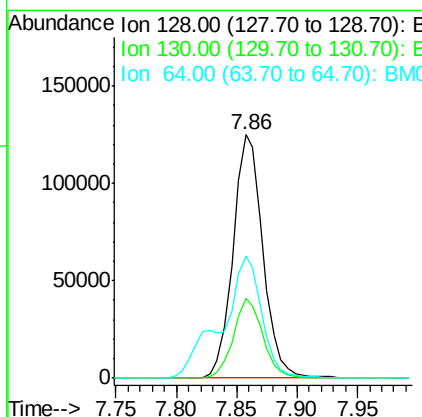
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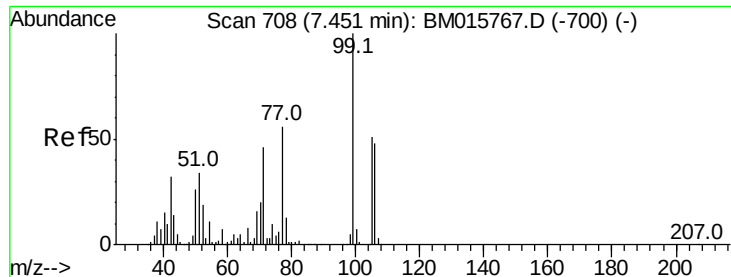
Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		215193		
130	32.7	12.0		52.0	
64	49.9	24.9		64.9	





#9

Benzaldehyde

Concen: 35.874 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

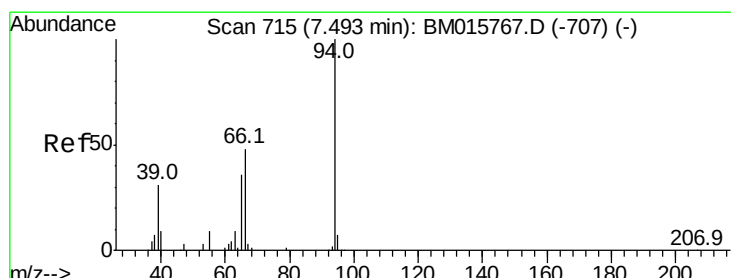
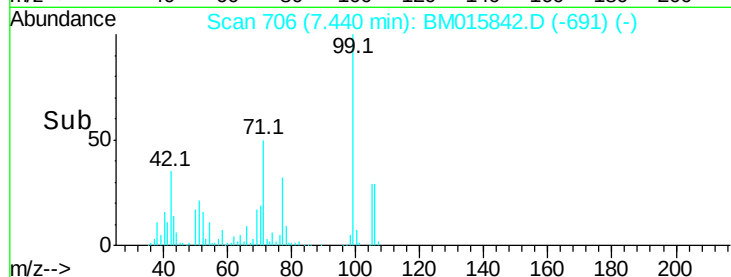
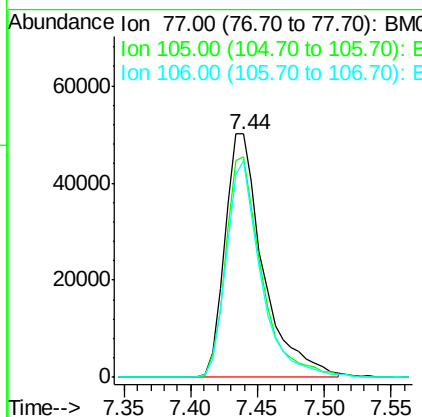
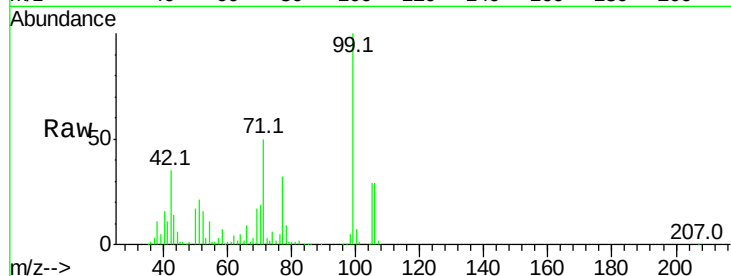
ClientSampleId :

PB110790BSD

Tot Ion:	77	Resp:	100507
Ion Ratio	Lower	Upper	
77	100		
105	90.4	78.8	118.8
106	88.8	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 57.024 ng

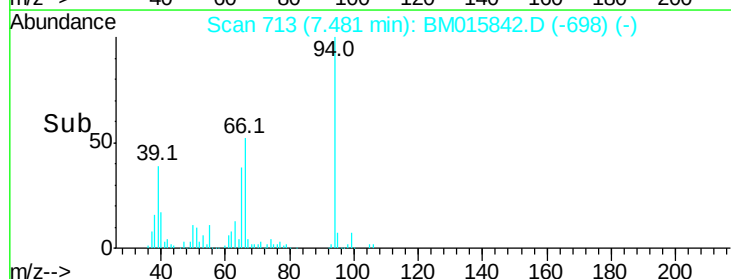
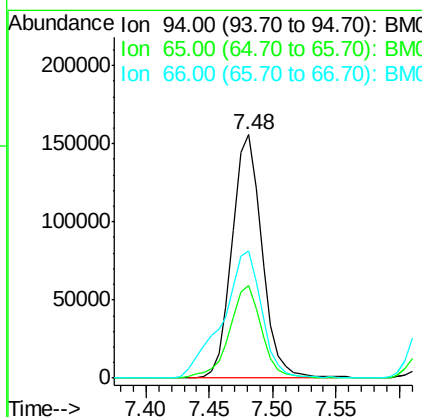
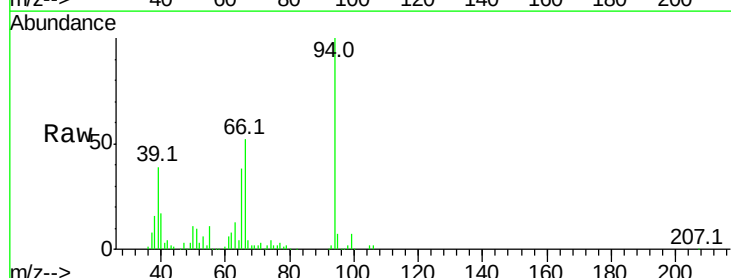
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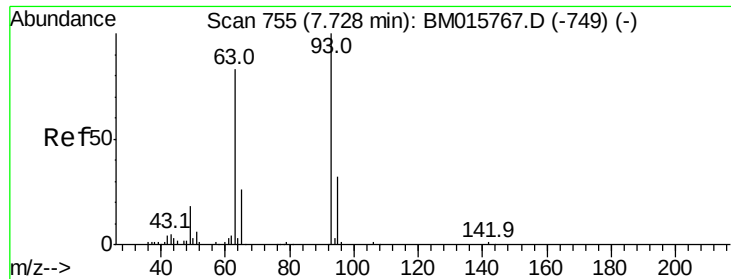
Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tgt Ion:	94	Resp:	254696
Ion Ratio	Lower	Upper	
94	100		
65	38.2	18.8	58.8
66	52.4	39.9	79.9





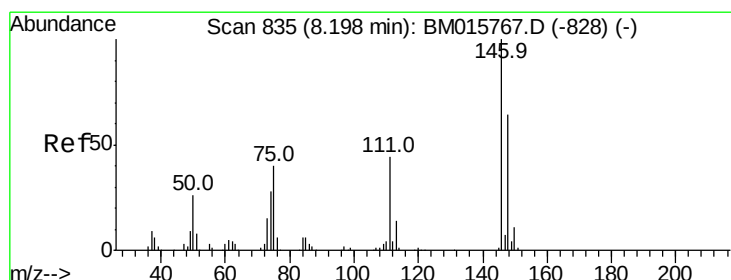
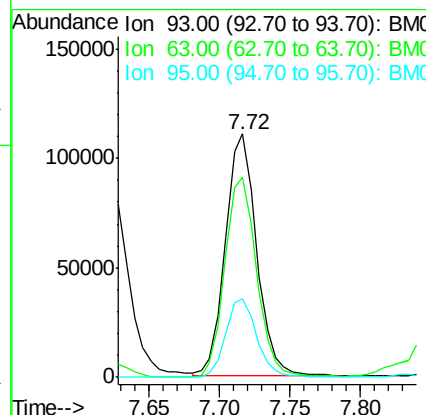
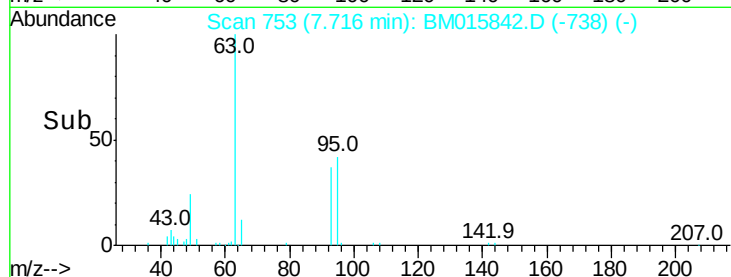
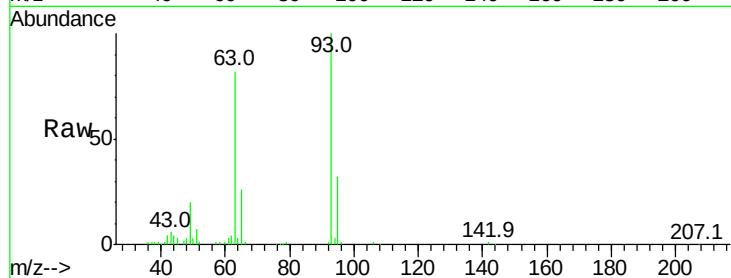
#11
bis(2-Chloroethyl)ether
Concen: 46.558 ng
RT: 7.72 min Scan# 753
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	169162		
63	82.3	49.5	89.5	
95	32.1	13.5	53.5	

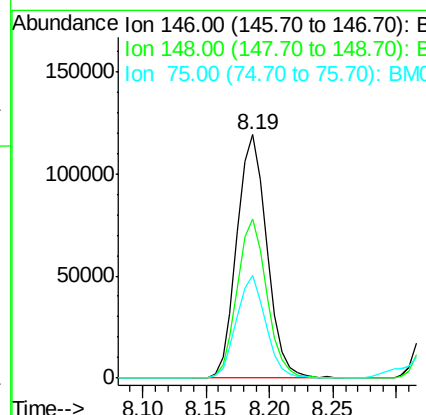
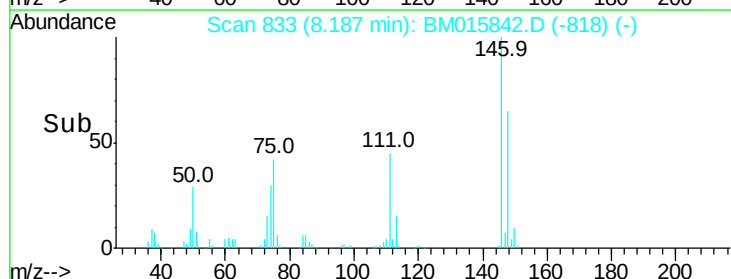
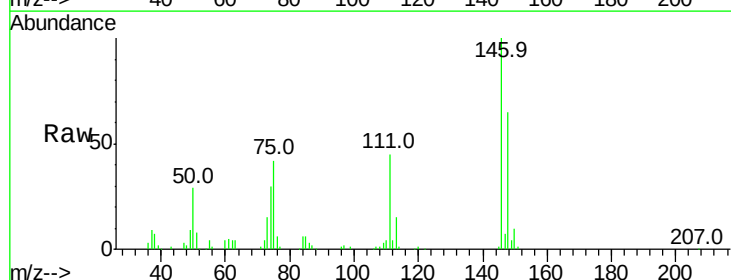
Manual Integrations
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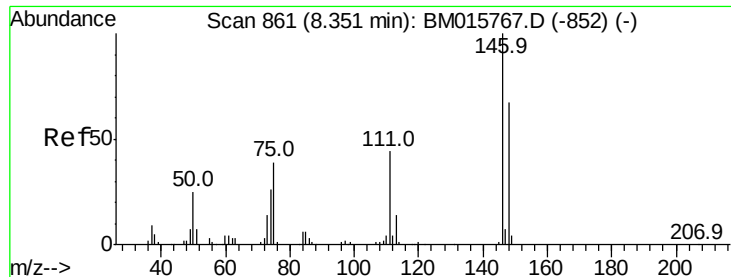
Sohil
7/10/2018 2:50:00 PM



#12
1,3-Dichlorobenzene
Concen: 45.156 ng
RT: 8.19 min Scan# 833
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	195099		
148	65.3	50.9	76.3	
75	42.1	21.4	32.2	





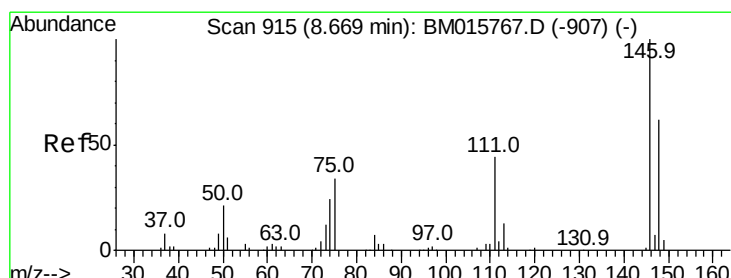
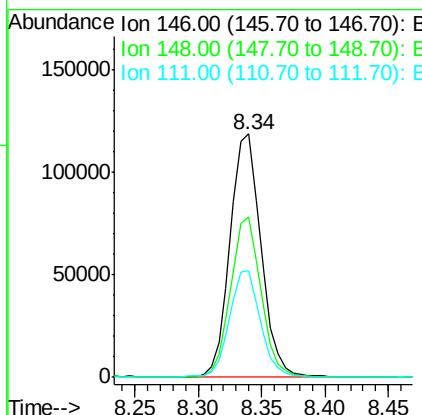
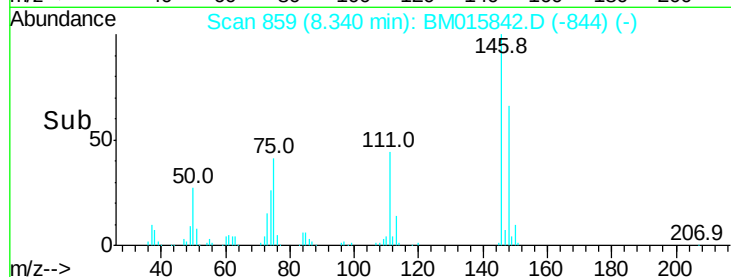
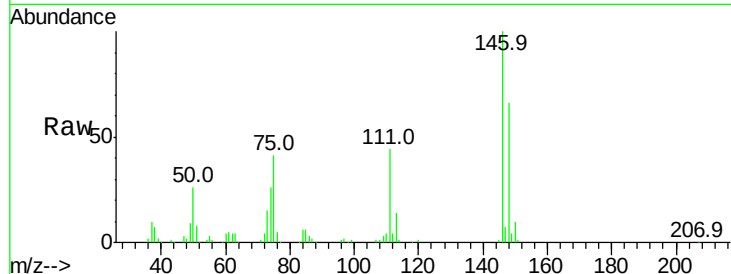
#13
 1,4-Dichlorobenzene
 Concen: 44.969 ng
 RT: 8.34 min Scan# 859
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
111	43.7	29.2	43.8

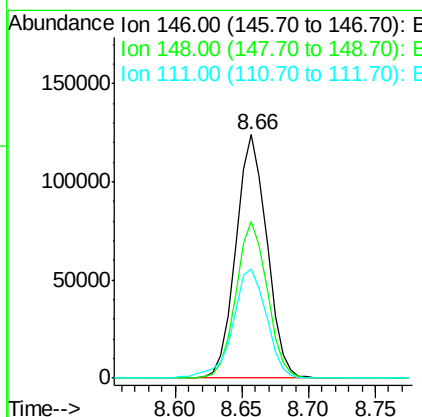
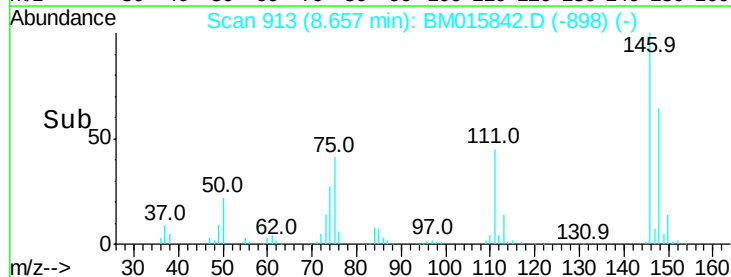
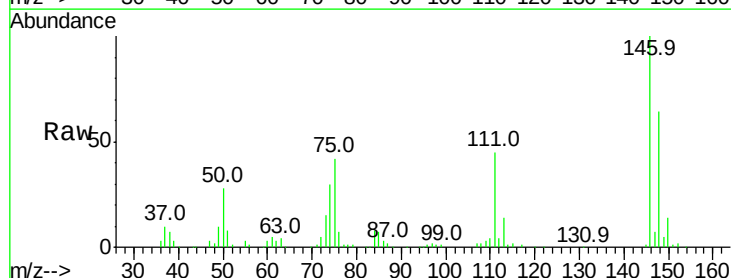
Manual Integrations
 APPROVED

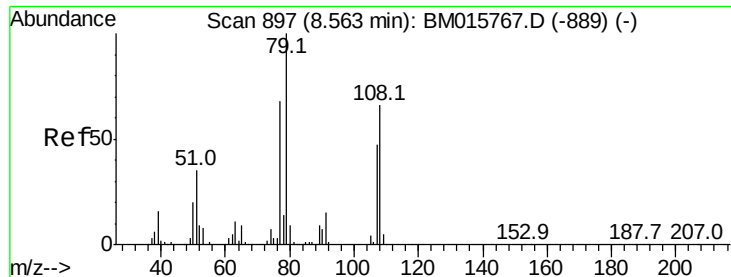
Sohil
 7/10/2018 2:50:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.047 ng
 RT: 8.66 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.3	78.5
111	44.9	30.6	45.8





#15

Benzyl Alcohol

Concen: 51.103 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

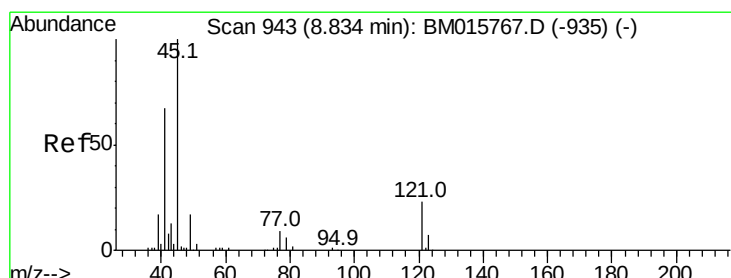
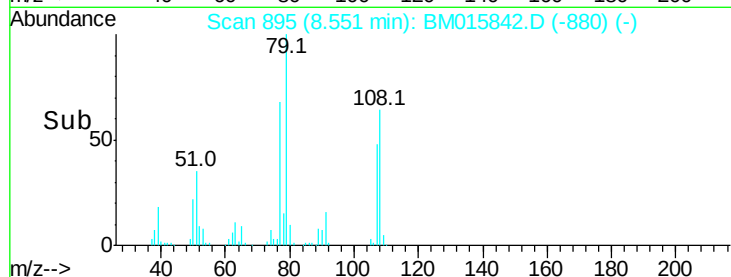
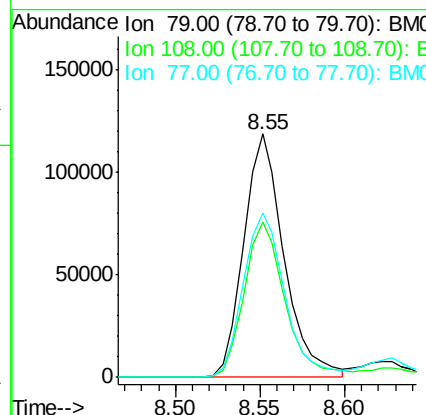
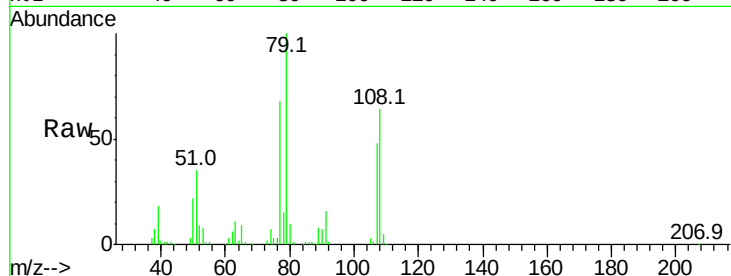
ClientSampleId :

PB110790BSD

Tot Ion:	79	Resp:	197211
Ion Ratio	Lower	Upper	
79	100		
108	63.5	65.0	97.4#
77	67.7	53.0	79.6

Manual Integrations
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Sohil
7/10/2018 2:50:00 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 68.922 ng

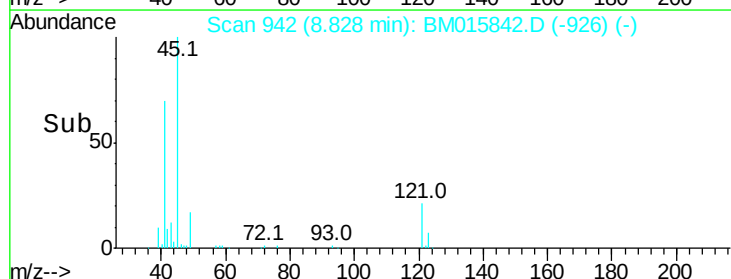
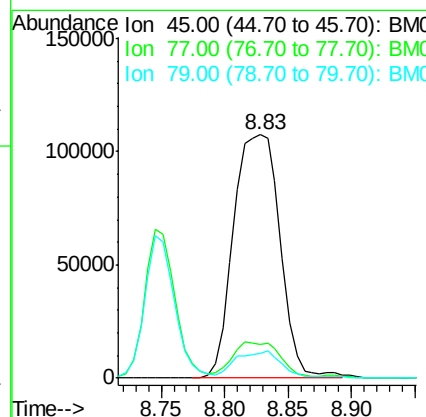
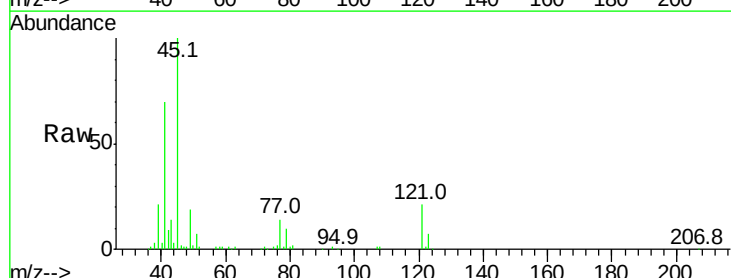
RT: 8.83 min Scan# 942

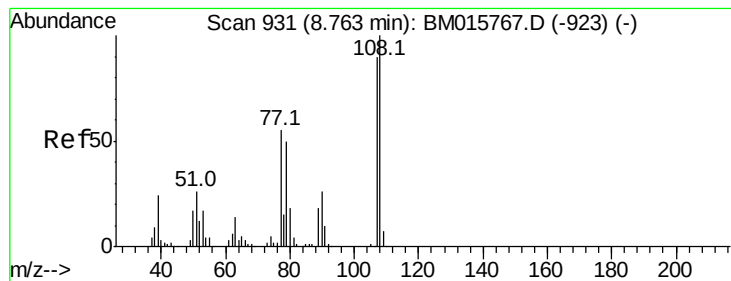
Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tgt Ion:	45	Resp:	273487
Ion Ratio	Lower	Upper	
45	100		
77	13.9	0.0	35.2
79	10.3	0.0	32.0





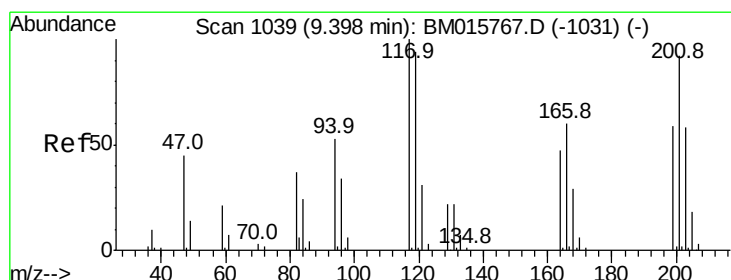
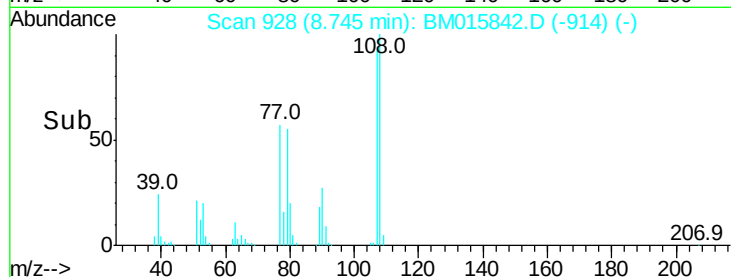
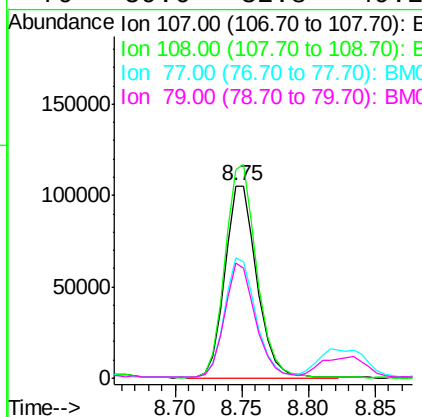
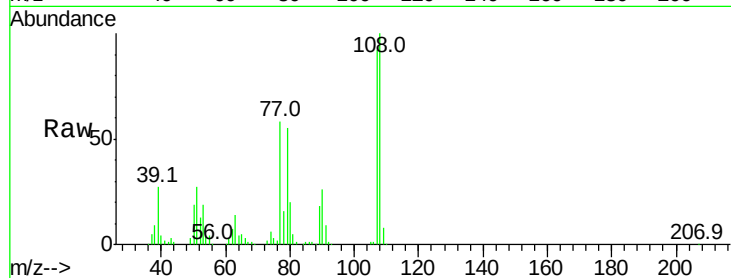
#17
2-Methylphenol
Concen: 57.433 ng
RT: 8.75 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	177722		
108	108.4	89.8	134.8	
77	62.4	32.6	48.8#	
79	59.6	32.8	49.2#	

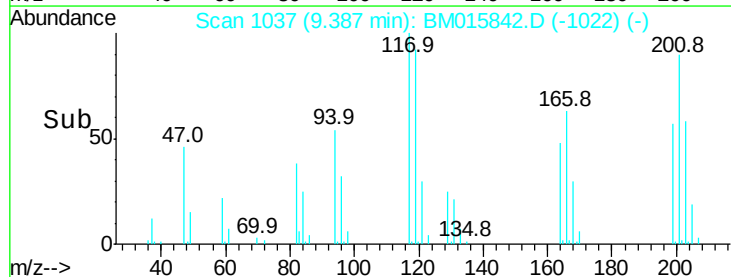
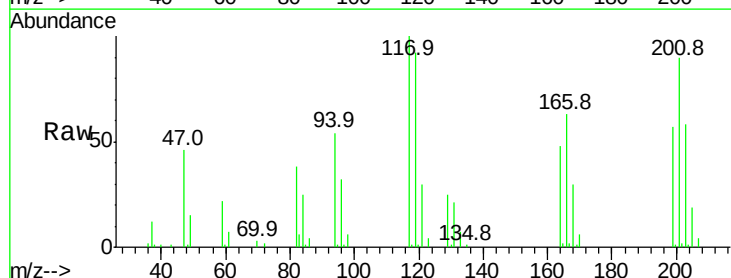
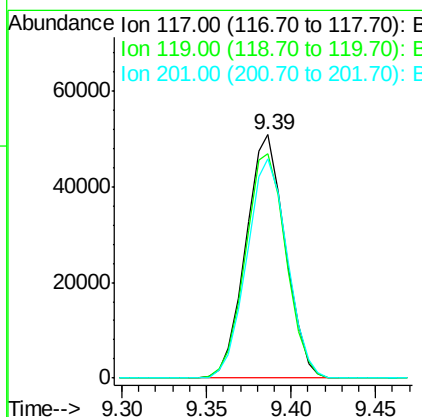
Manual Integrations
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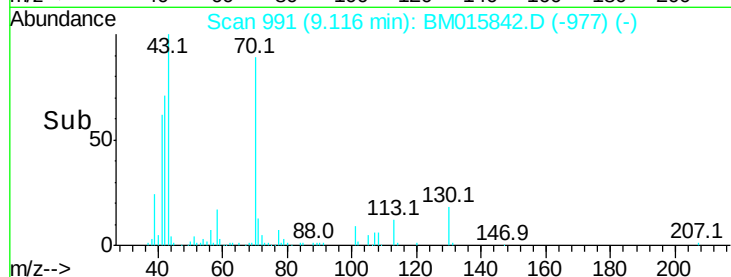
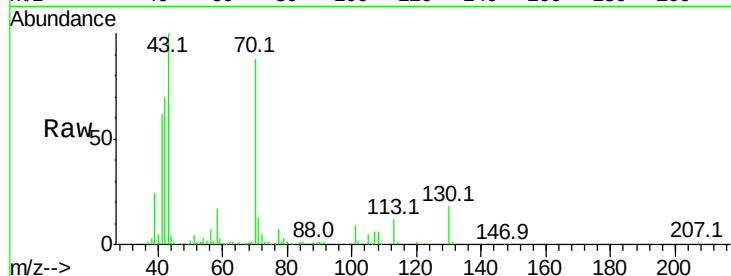
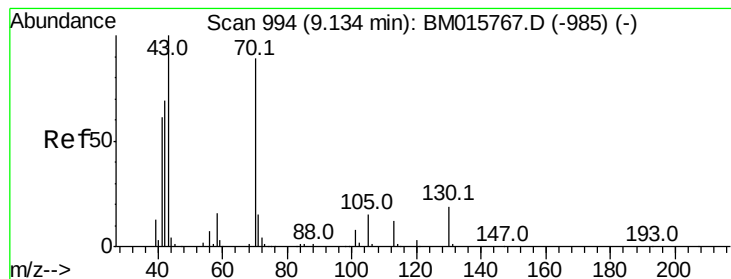
Sohil
7/10/2018 2:50:00 PM



#18
Hexachloroethane
Concen: 46.604 ng
RT: 9.39 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	82335		
119	92.3	79.2	118.8	
201	90.1	69.8	104.6	





#19

n-Nitroso-di-n-propylamine

Concen: 46.566 ng

RT: 9.12 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tot Ion: 70 Resp: 166354

Ion Ratio Lower Upper

70 100

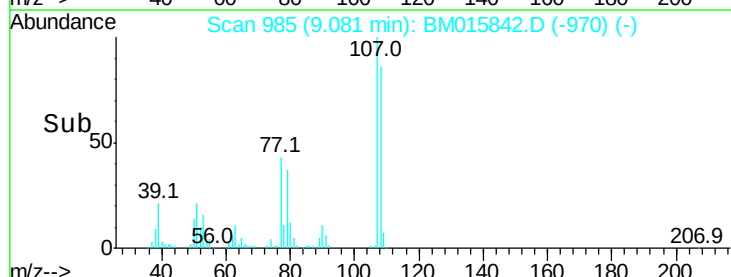
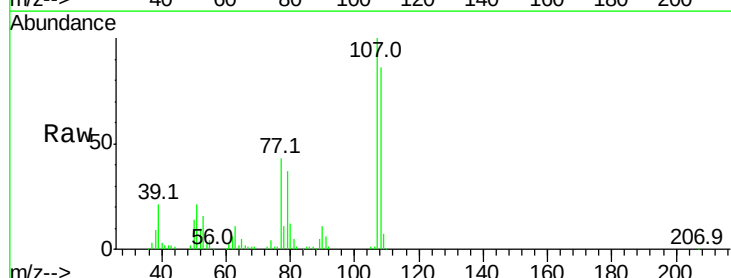
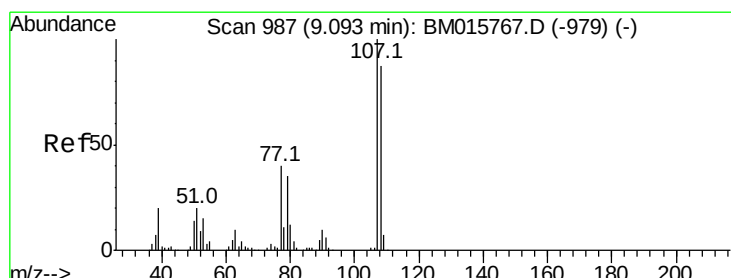
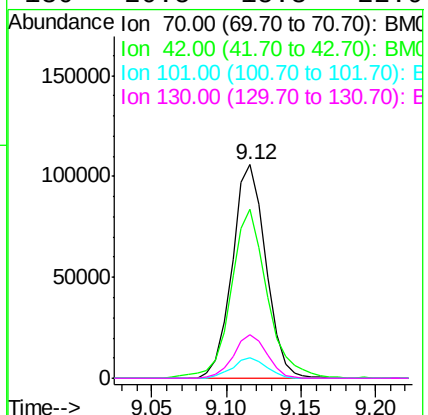
42 79.2 44.5 66.7#

101 9.8 7.4 11.2

130 20.5 15.3 22.9

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7/10/2018 2:50:00 PM



#20

3+4-Methylphenols

Concen: 55.637 ng

RT: 9.08 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tgt Ion: 107 Resp: 239143

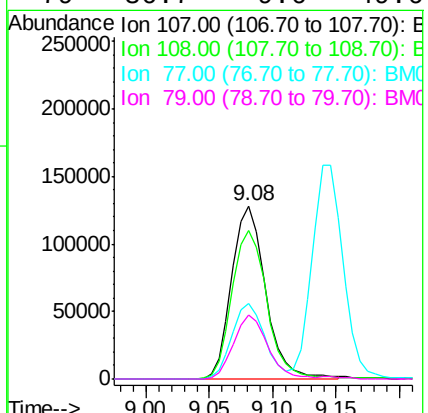
Ion Ratio Lower Upper

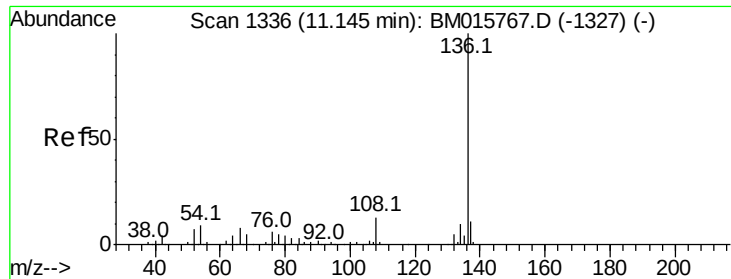
107 100

108 85.7 73.2 113.2

77 43.3 10.7 50.7

79 36.7 9.6 49.6





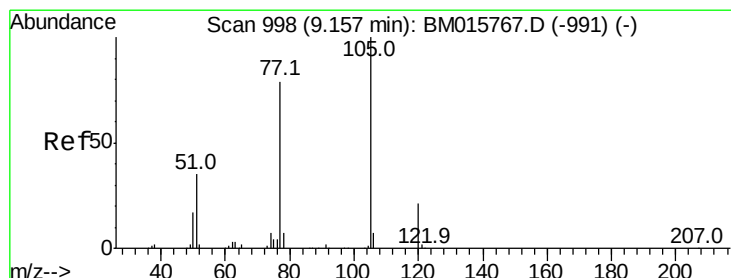
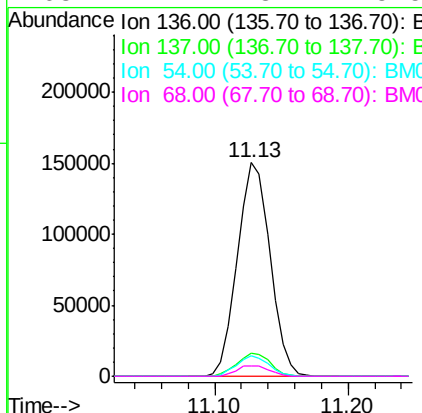
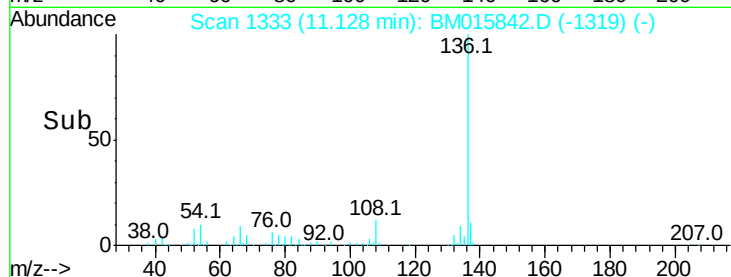
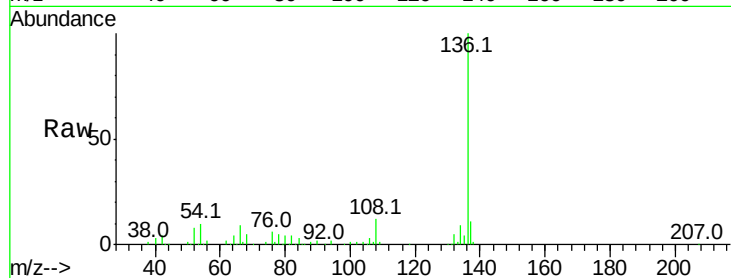
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	254893		
137	11.1	8.7	13.1	
54	9.5	4.6	6.8#	
68	4.7	3.7	5.5	

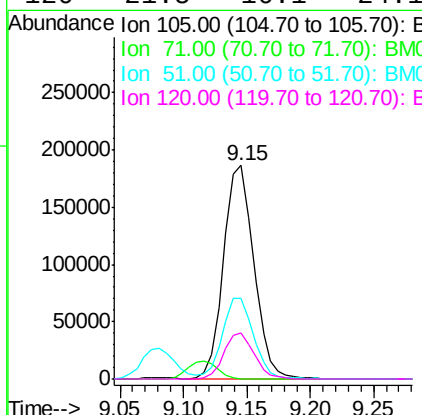
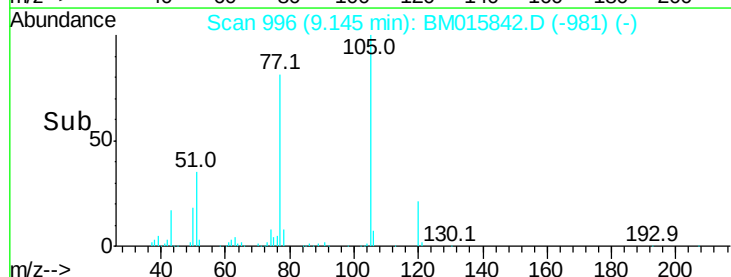
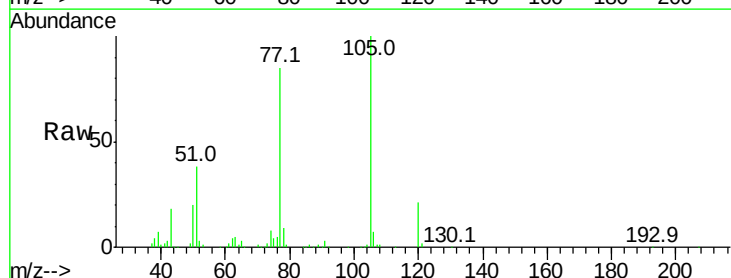
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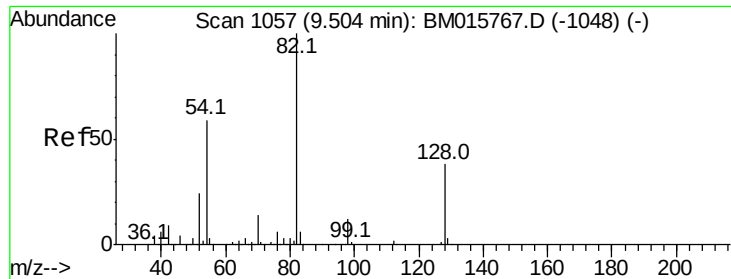
Sohil
7/10/2018 2:50:00 PM



#22
Acetophenone
Concen: 46.383 ng
RT: 9.15 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	307984		
71	0.3	0.6	1.0#	
51	37.5	21.6	32.4#	
120	21.5	16.1	24.1	





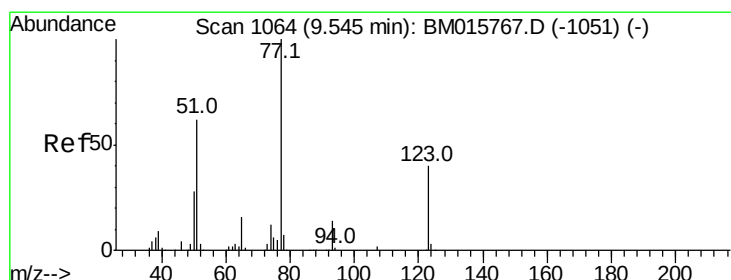
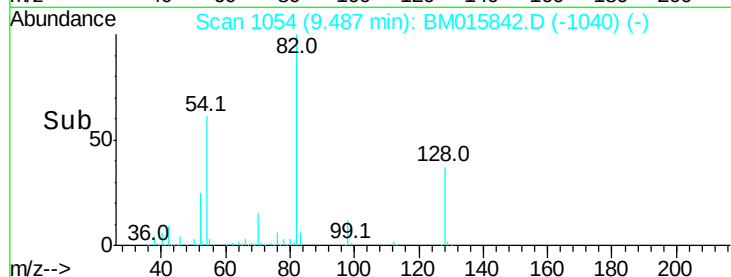
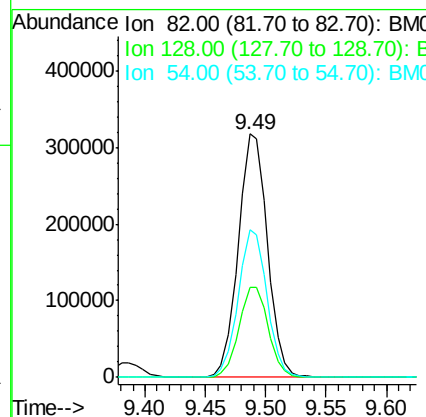
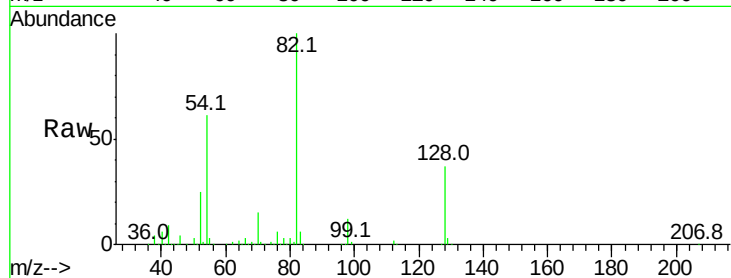
#23
Nitrobenzene-d5
Concen: 46.383 ng
RT: 9.49 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.8	32.8	49.2	
54	60.8	40.6	60.8	

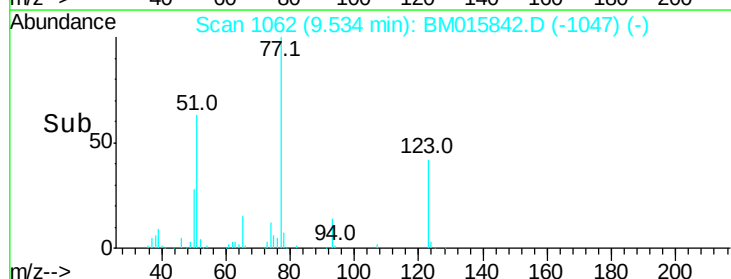
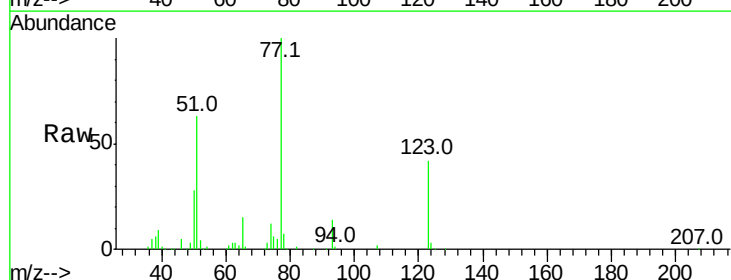
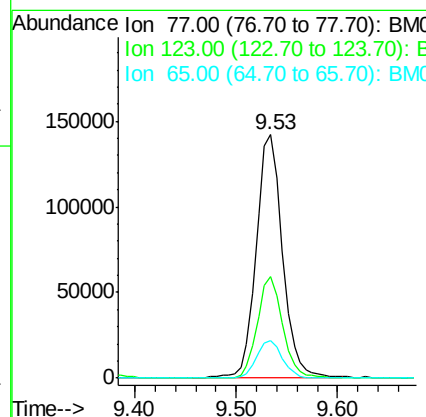
Manual Integrations
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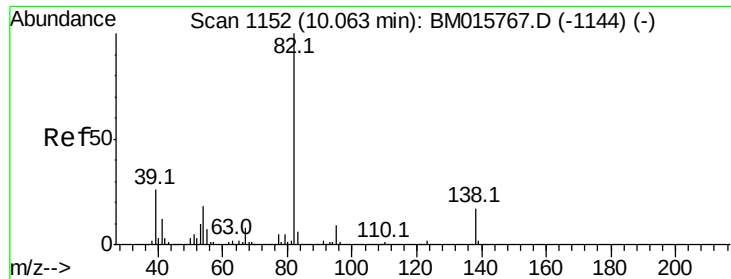
Sohil
7/10/2018 2:50:00 PM



#24
Nitrobenzene
Concen: 50.605 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	41.8	32.6	49.0	
65	15.3	10.9	16.3	





#25

Isophorone

Concen: 55.514 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tot Ion: 82 Resp: 442655

Ion Ratio Lower Upper

82 100

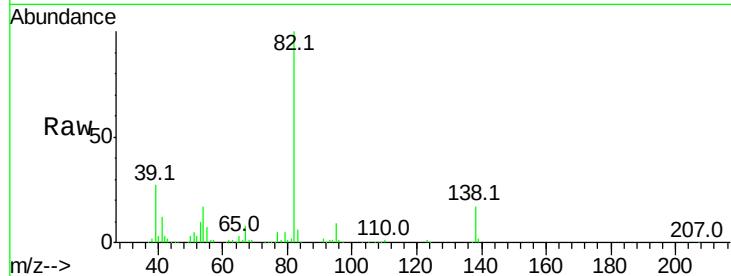
95 8.8 5.8 8.6#

138 17.0 16.3 24.5

Manual Integrations
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Sohil

7/10/2018 2:50:00 PM

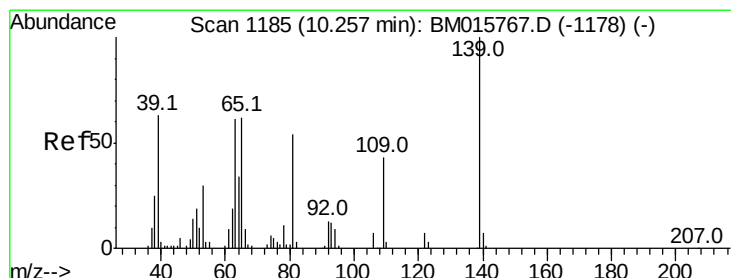
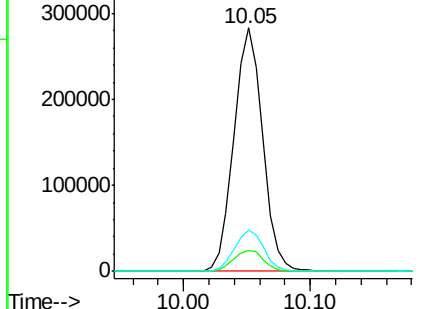
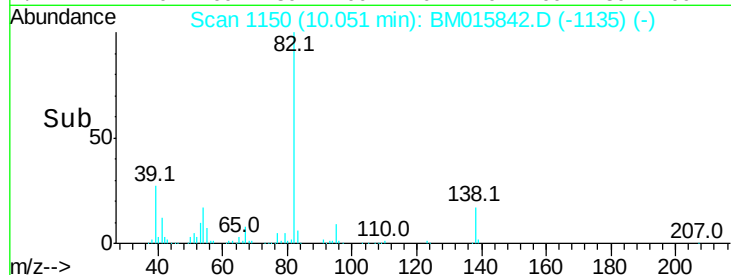


Abundance Ion 82.00 (81.70 to 82.70): BM015767.D (-1144) (-)

Ion 95.00 (94.70 to 95.70): BM015767.D (-1144) (-)

Ion 138.00 (137.70 to 138.70): BM015767.D (-1144) (-)

Time-->



#26

2-Nitrophenol

Concen: 50.693 ng

RT: 10.25 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

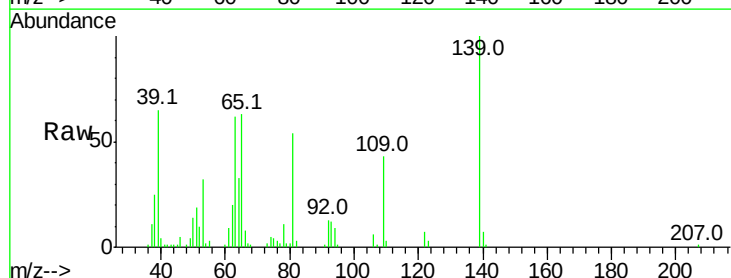
Tgt Ion: 139 Resp: 111006

Ion Ratio Lower Upper

139 100

109 42.6 20.1 30.1#

65 63.3 31.5 47.3#

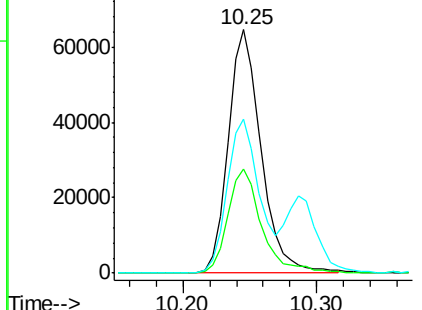
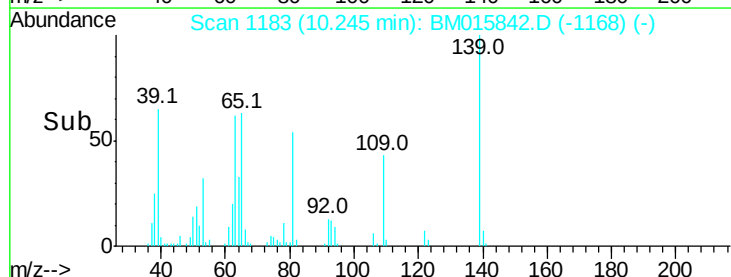


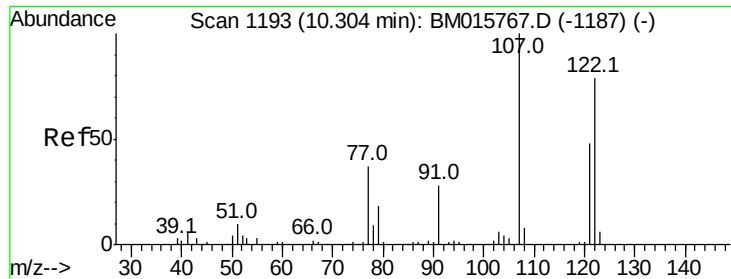
Abundance Ion 139.00 (138.70 to 139.70): BM015767.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BM015767.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BM015767.D (-1178) (-)

Time-->





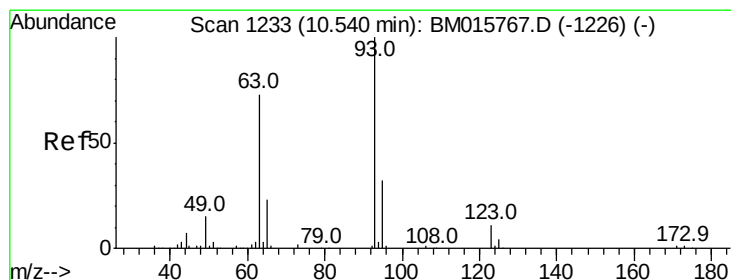
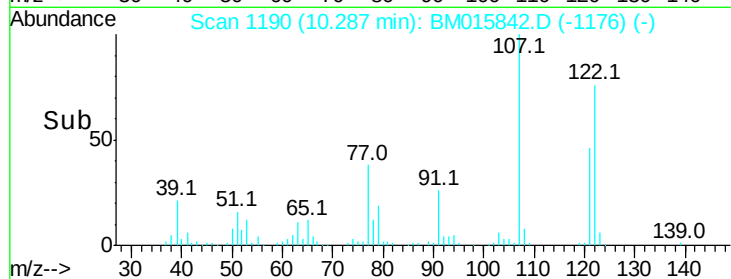
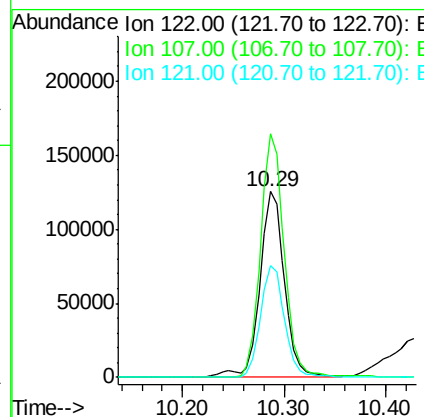
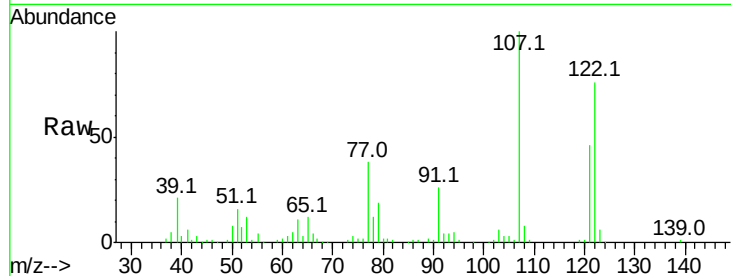
#27
2,4-Dimethylphenol
Concen: 64.057 ng
RT: 10.29 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampled :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.2	84.7	127.1#
121	60.4	46.6	69.8

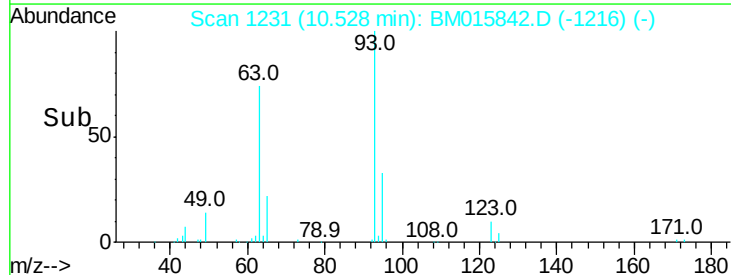
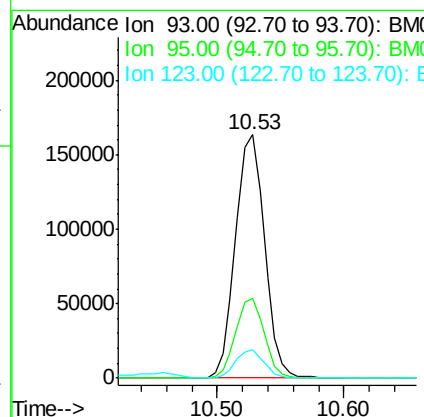
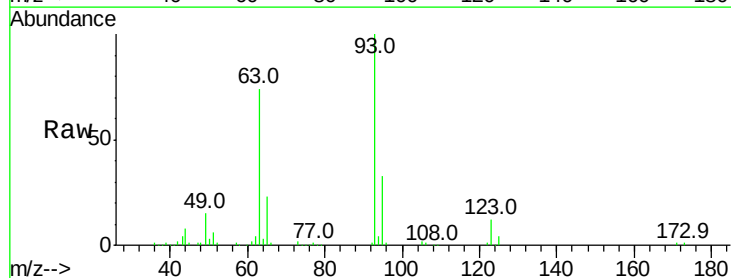
Manual Integrations
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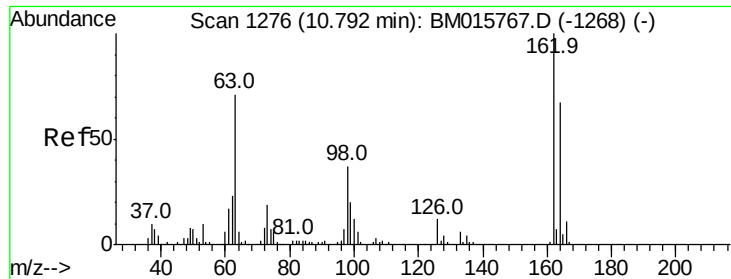
Sohil
7/10/2018 2:50:00 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.073 ng
RT: 10.53 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.5	38.3
123	11.6	8.6	13.0





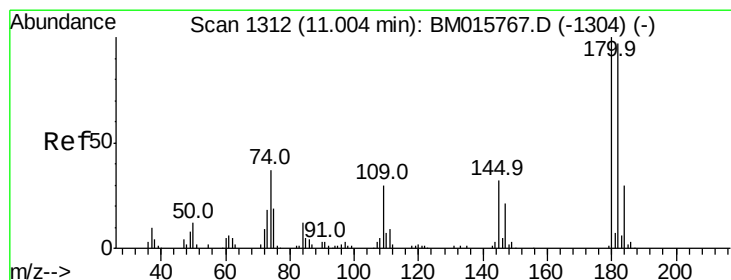
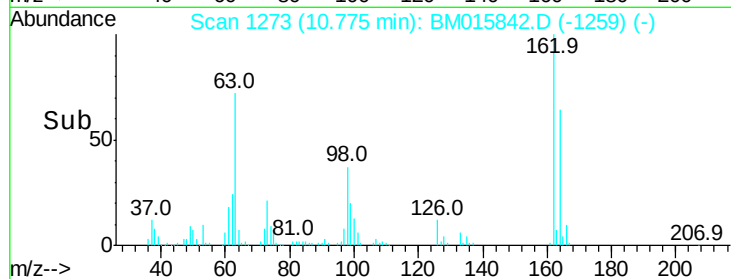
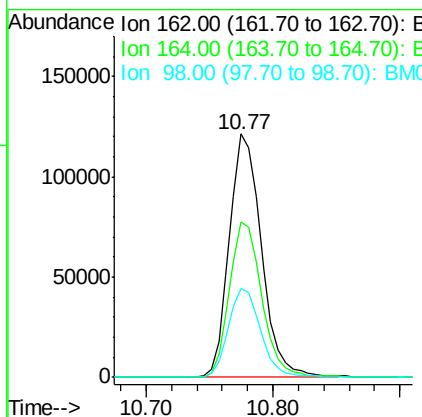
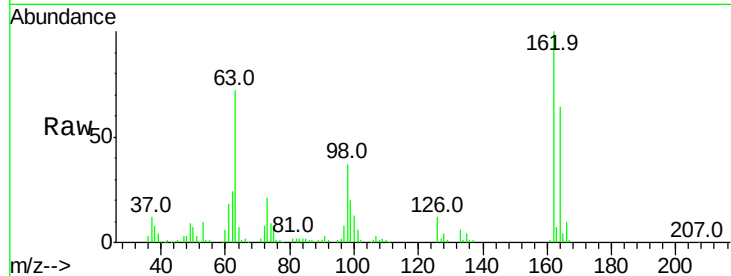
#29
 2,4-Dichlorophenol
 Concen: 58.091 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	214026		
164	63.6	42.8	82.8	
98	36.7	14.5	54.5	

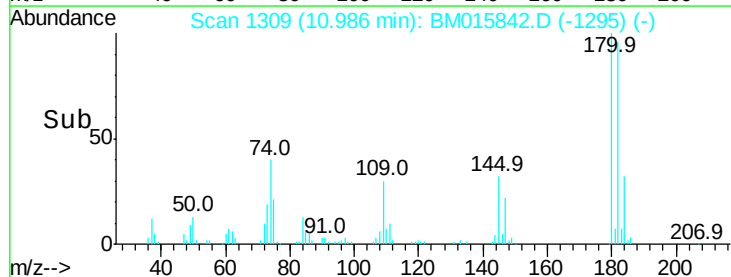
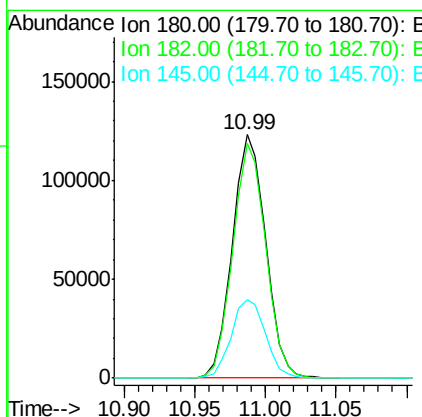
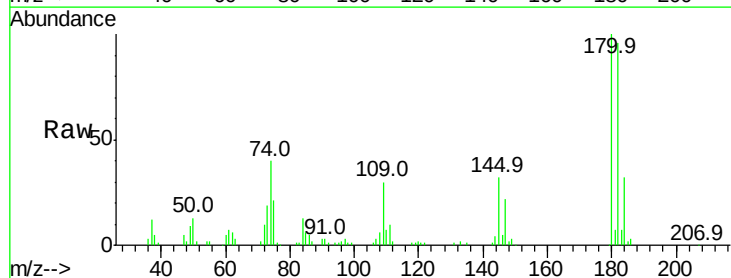
Manual Integrations
 APPROVED

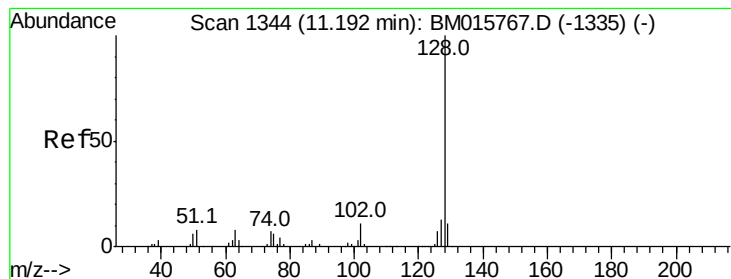
Sohil
 7/10/2018 2:50:00 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 47.318 ng
 RT: 10.99 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	202489		
182	96.4	77.6	116.4	
145	32.5	23.4	35.2	





#31

Naphthalene

Concen: 49.216 ng

RT: 11.18 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

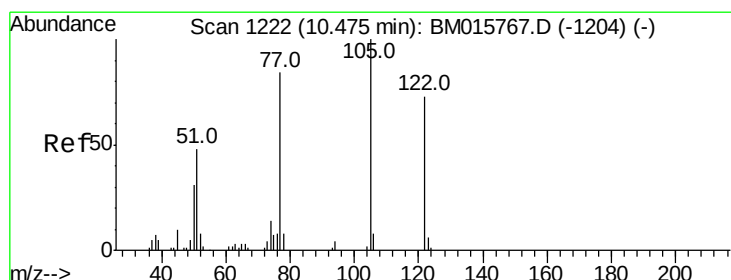
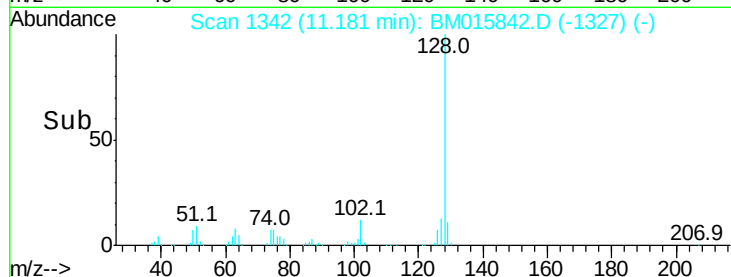
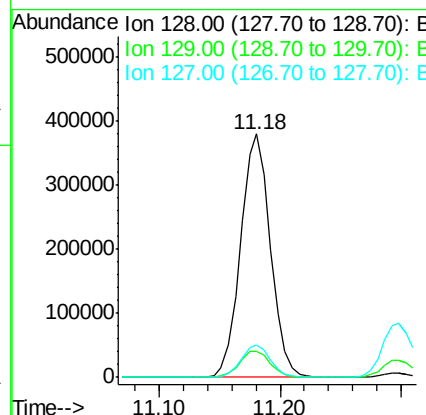
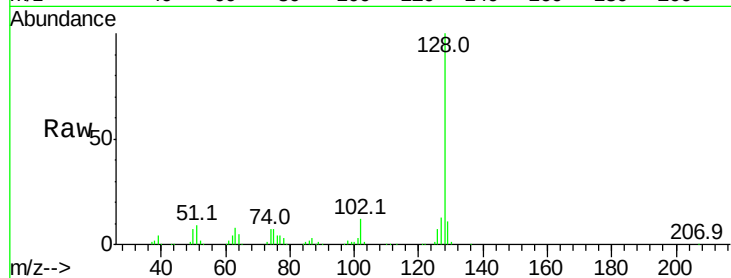
ClientSampleId :

PB110790BSD

Tot Ion:	128	Resp:	650399
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.9	13.3
127	13.3	10.4	15.6

Manual Integrations
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7/10/2018 2:50:00 PM



#32

Benzoic acid

Concen: 44.333 ng

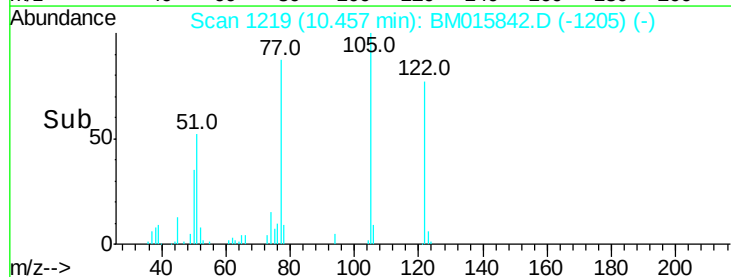
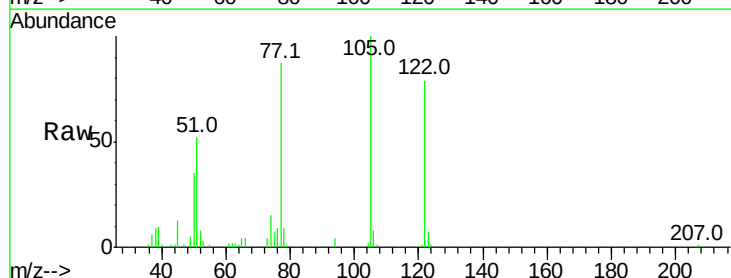
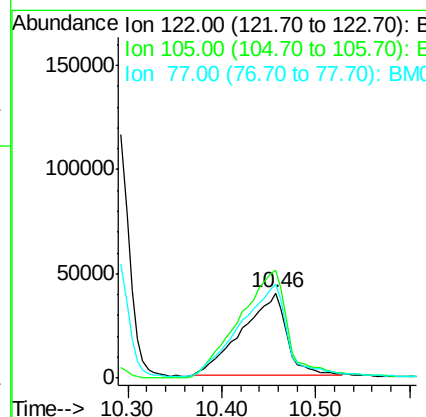
RT: 10.46 min Scan# 1219

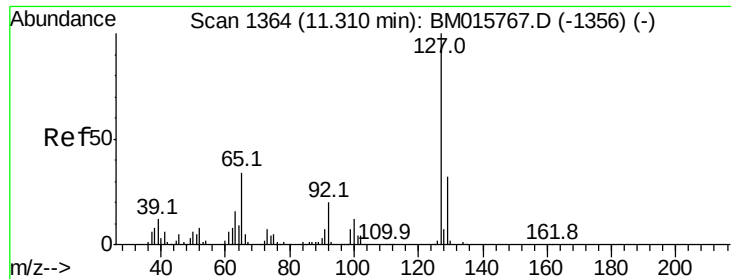
Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tgt Ion:	122	Resp:	130571
Ion Ratio	Lower	Upper	
122	100		
105	126.1	99.9	139.9
77	109.8	73.7	113.7





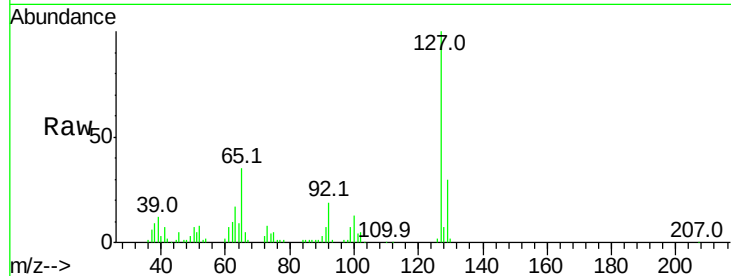
#33
4-Chloroaniline
Concen: 29.340 ng
RT: 11.30 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	30.4	25.3	37.9
65	35.1	17.6	26.4
92	19.4	13.1	19.7

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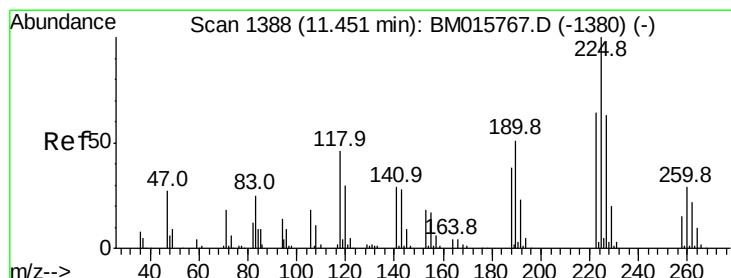
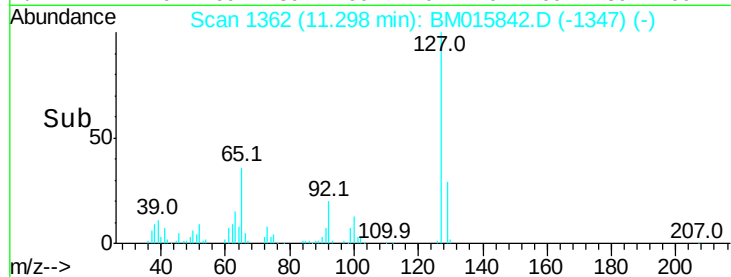
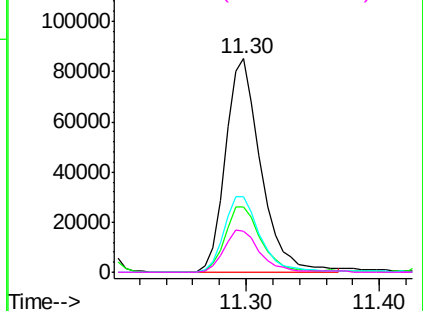


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



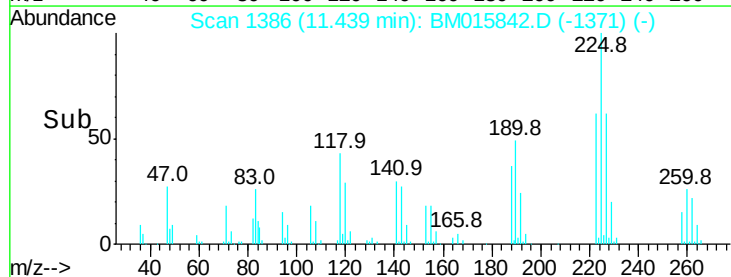
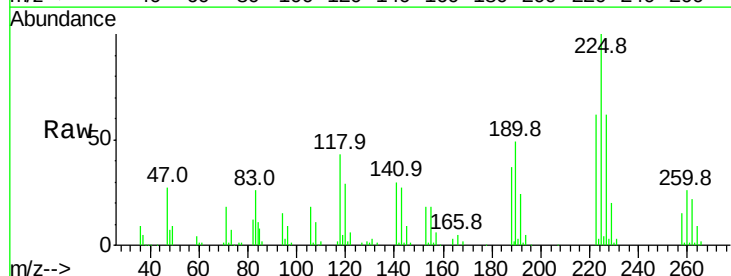
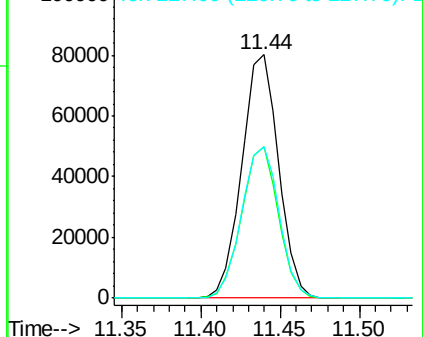
#34
Hexachlorobutadiene
Concen: 45.272 ng
RT: 11.44 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

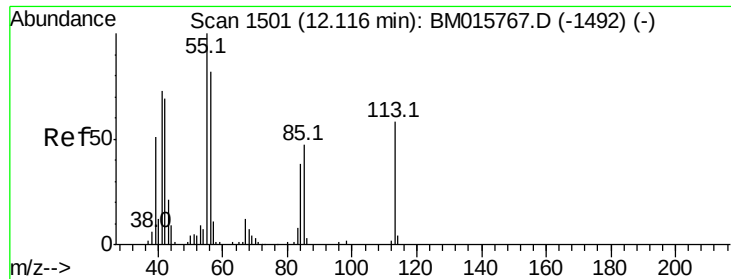
Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	62.4	47.9	71.9
227	62.0	50.1	75.1

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: 56.182 ng/ml

RT: 12.10 min Scan# 1498

Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tot Ion:113 Resp: 68647

Ion Ratio Lower Upper

113 100

55 182.8 145.9 185.9

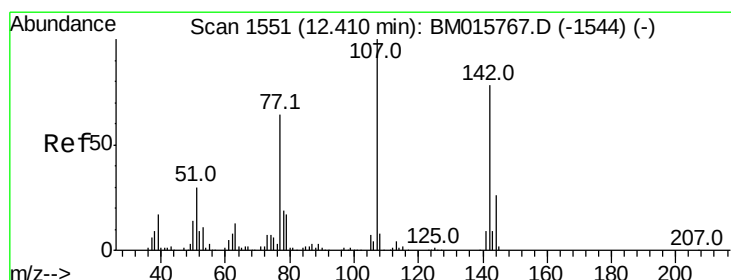
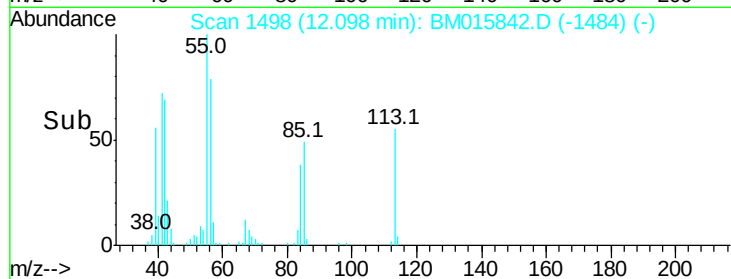
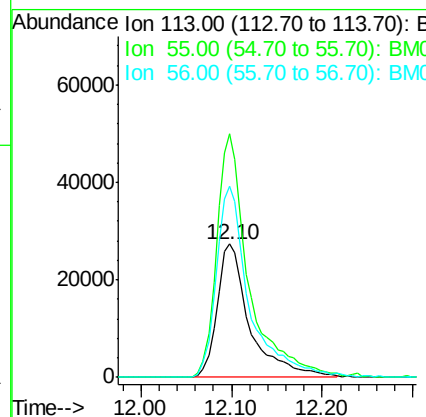
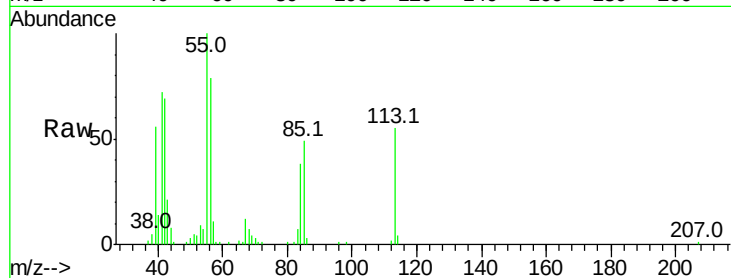
56 143.9 101.0 141.0#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 57.992 ng/ml

RT: 12.40 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

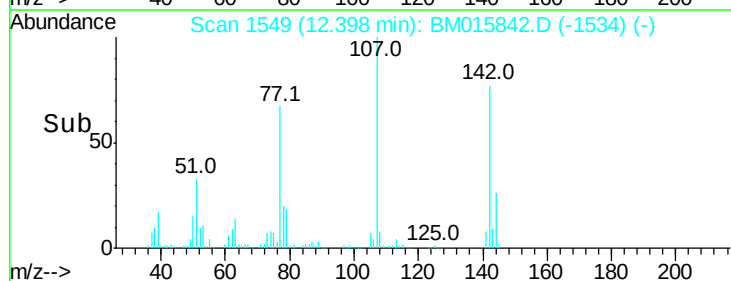
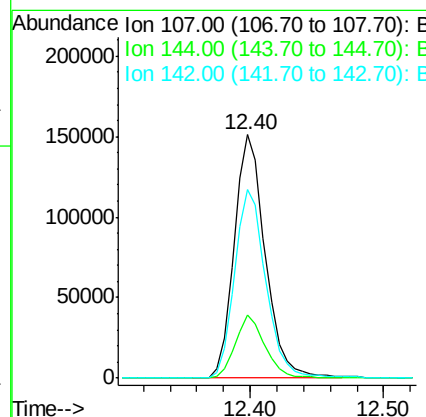
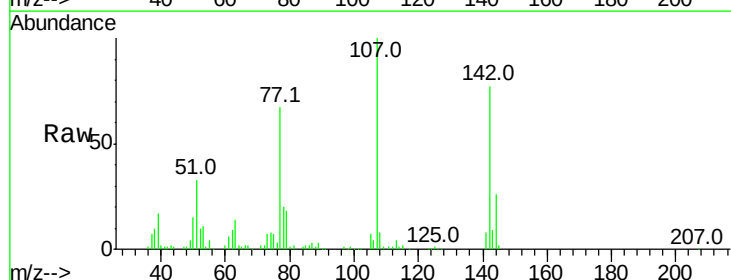
Tgt Ion:107 Resp: 245158

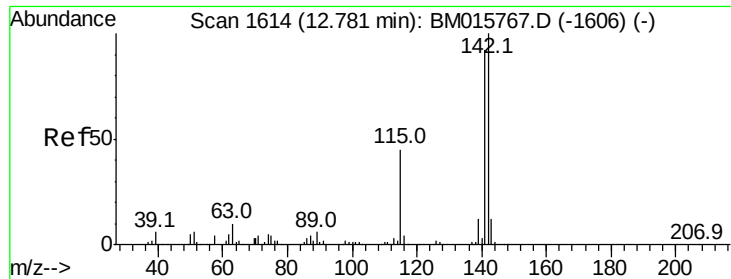
Ion Ratio Lower Upper

107 100

144 25.7 23.3 34.9

142 77.2 72.6 109.0





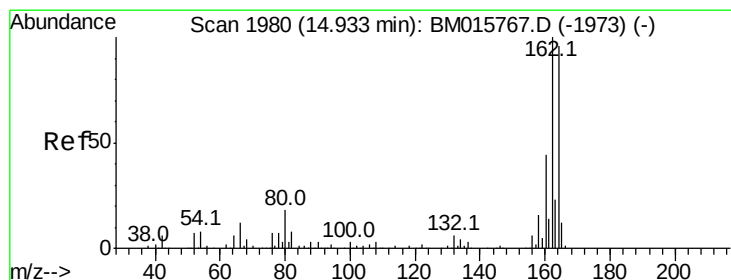
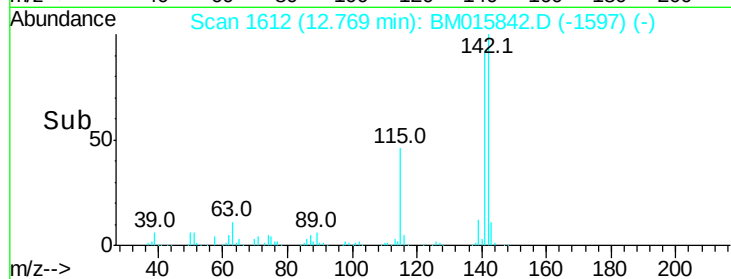
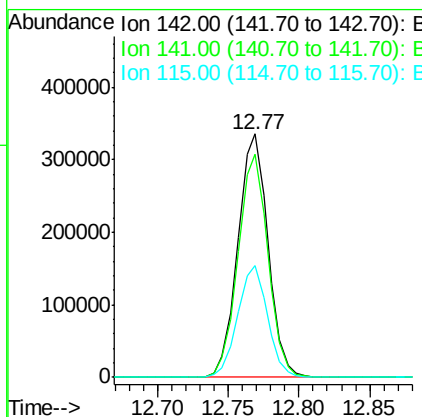
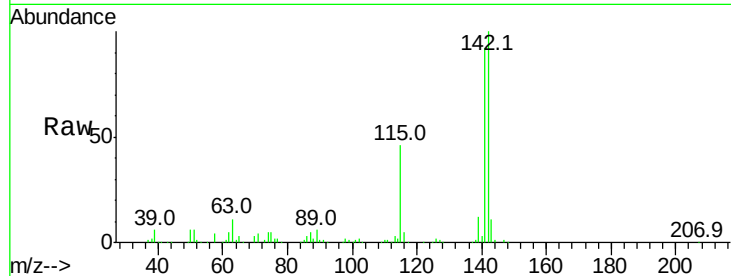
#37
2-Methylnaphthalene
Concen: 53.340 ng
RT: 12.77 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.9	107.9
115	46.1	25.4	38.0

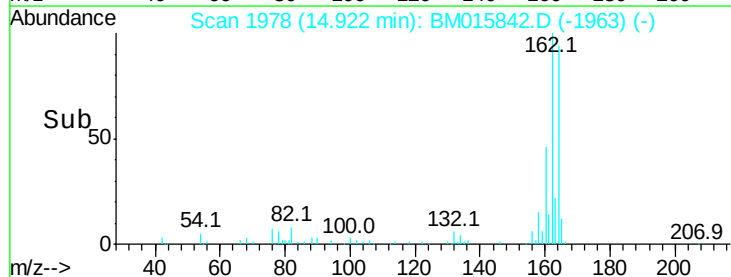
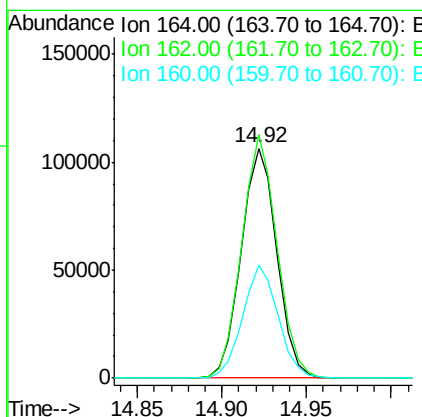
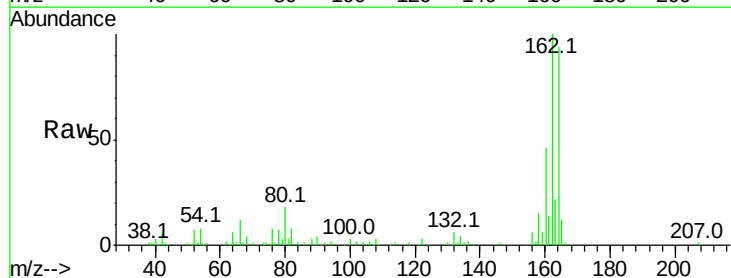
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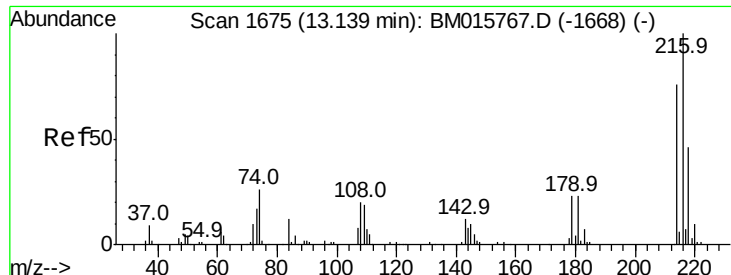
Sohil
7/10/2018 2:50:00 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.4	123.6
160	49.0	35.8	53.6





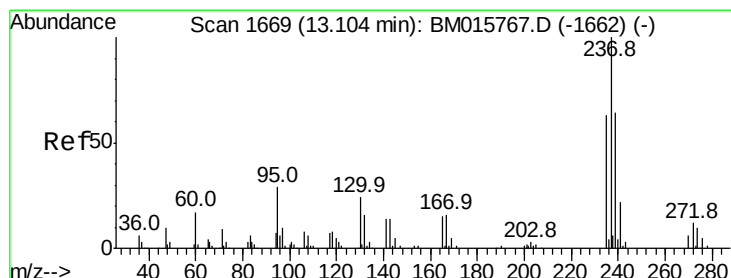
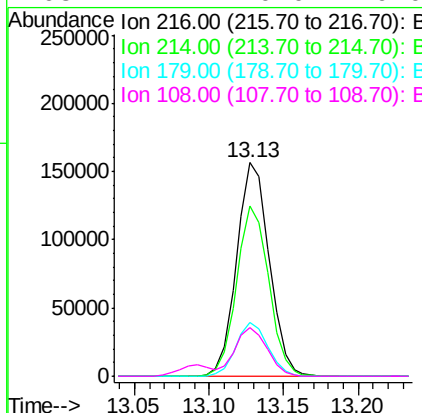
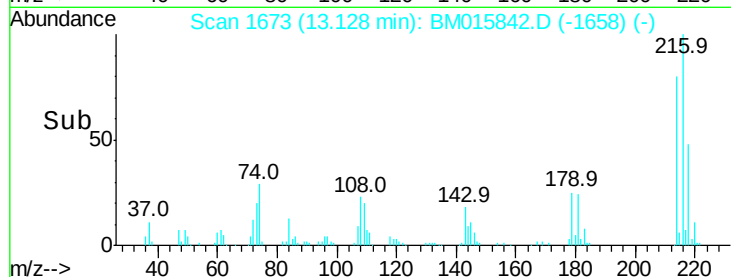
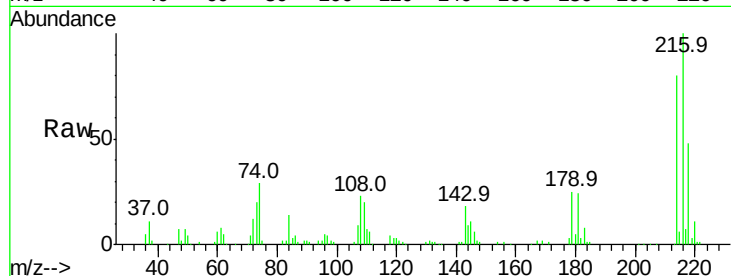
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.776 ng
 RT: 13.13 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	0.0	0.0#
179	24.9	0.0	0.0#
108	22.7	0.0	0.0#

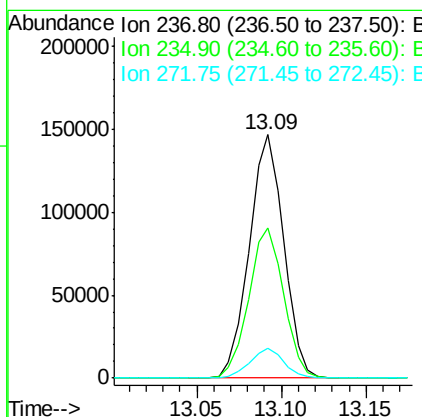
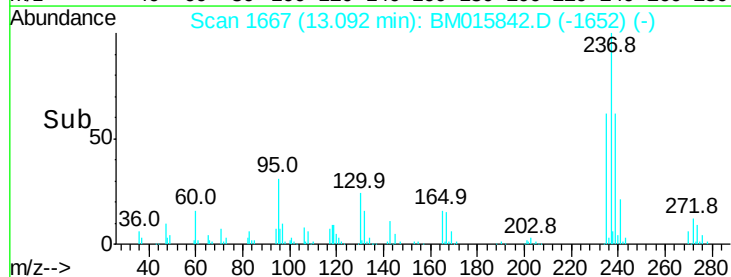
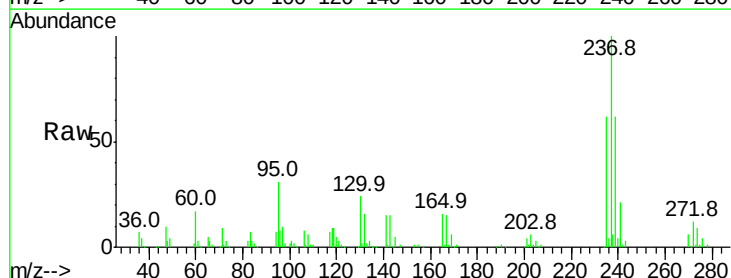
Manual Integrations
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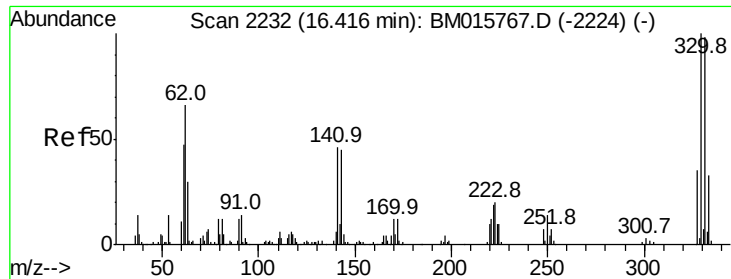
Sohil
 7/10/2018 2:50:00 PM



#40
 Hexachlorocyclopentadiene
 Concen: 88.707 ng
 RT: 13.09 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.7	42.0	82.0
272	12.5	0.0	33.4





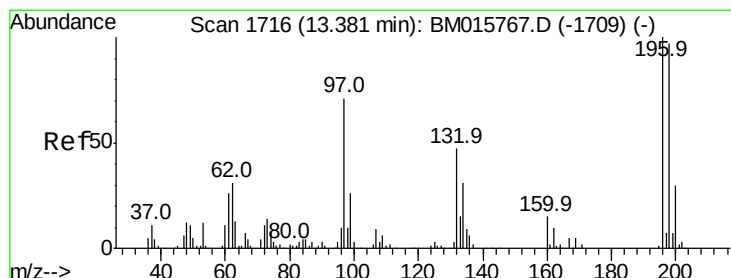
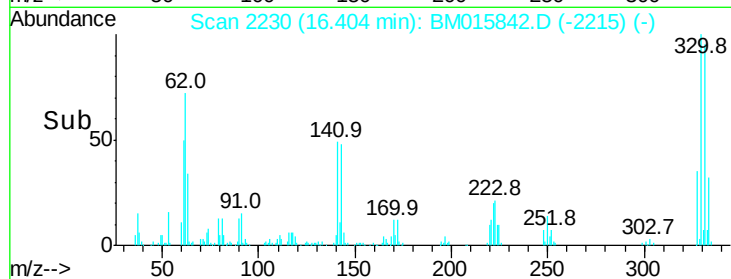
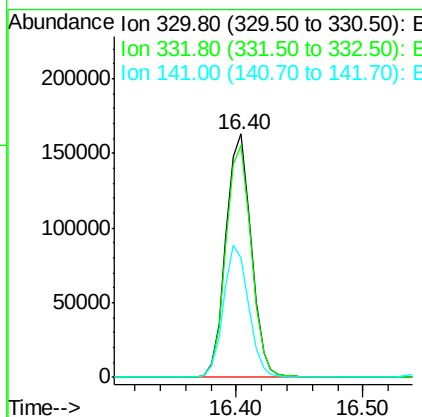
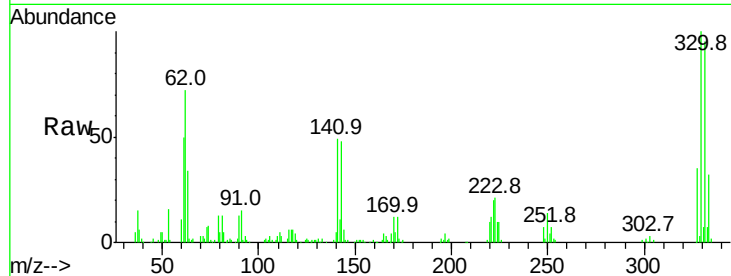
#41
 2,4,6-Tribromophenol
 Concen: 88.707 ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	53.8	0.0	0.0#

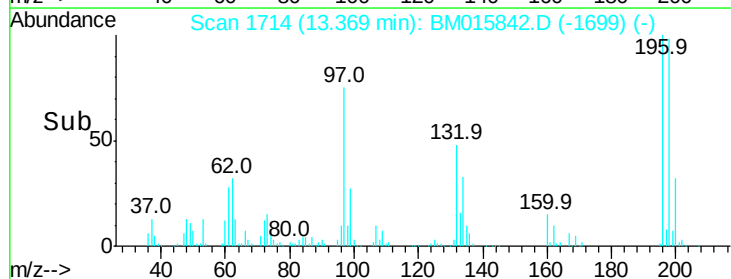
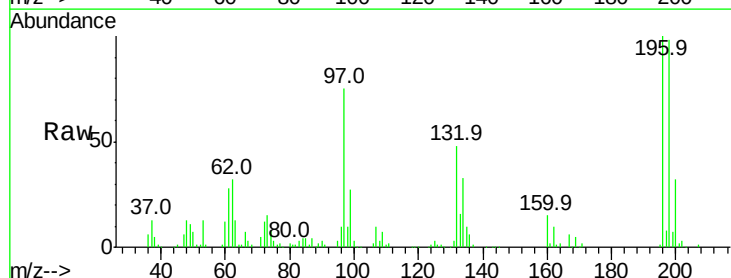
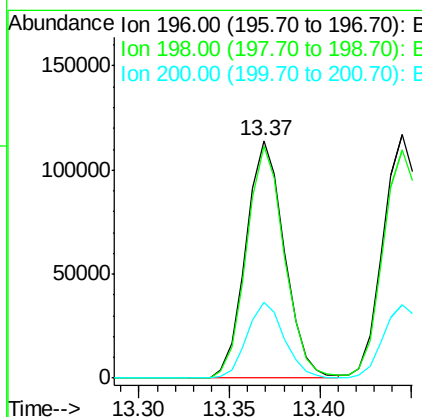
Manual Integrations
 APPROVED

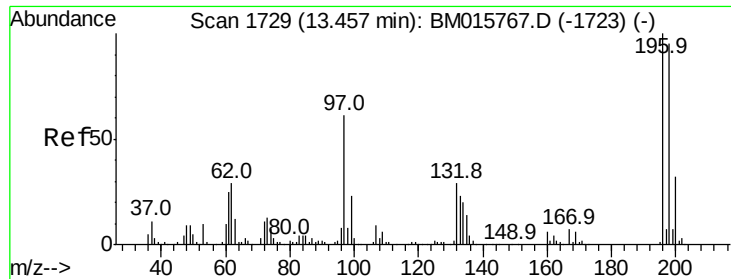
Sohil
 7/10/2018 2:50:00 PM



#42
 2,4,6-Trichlorophenol
 Concen: 53.546 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.7	76.3	114.5
200	31.9	25.6	38.4





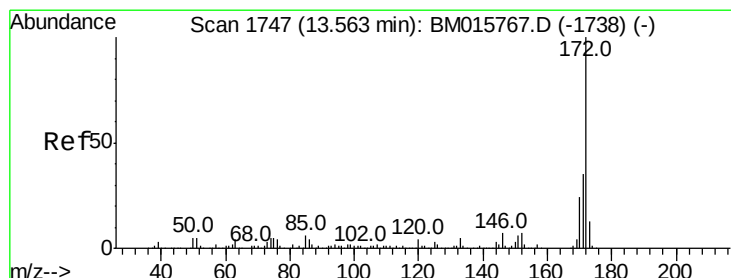
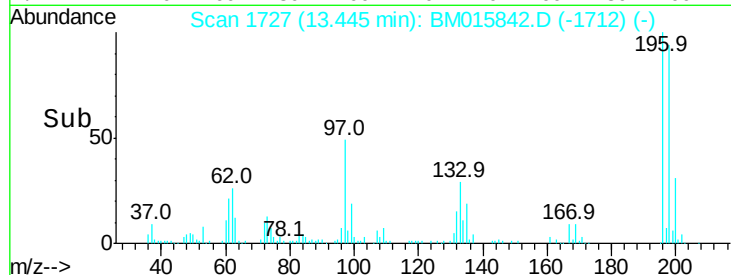
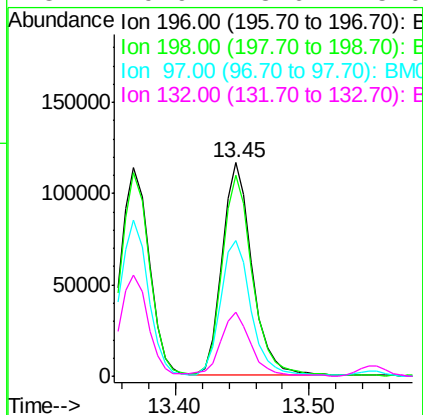
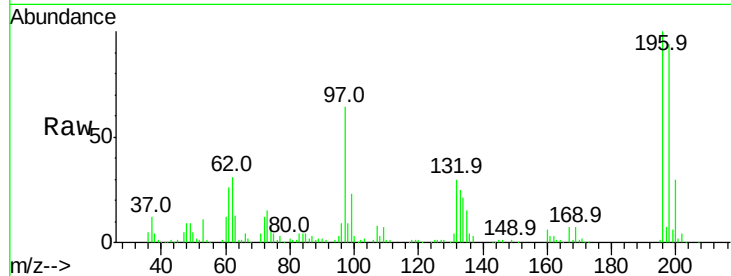
#43
 2,4,5-Trichlorophenol
 Concen: 53.748 ng
 RT: 13.45 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion:	196	Resp:	182855
Ion Ratio	Lower	Upper	
196	100		
198	94.0	79.4	119.0
97	63.6	26.8	40.2#
132	29.9	18.6	28.0#

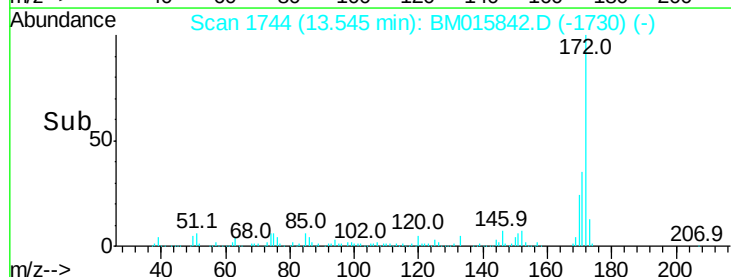
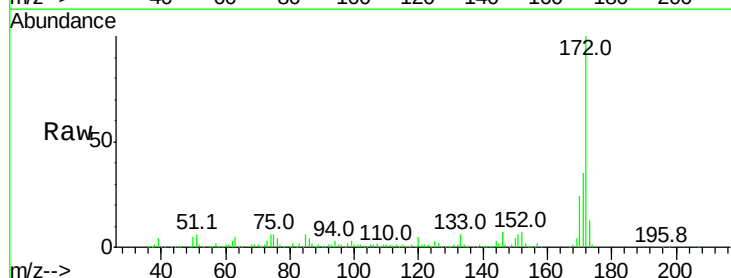
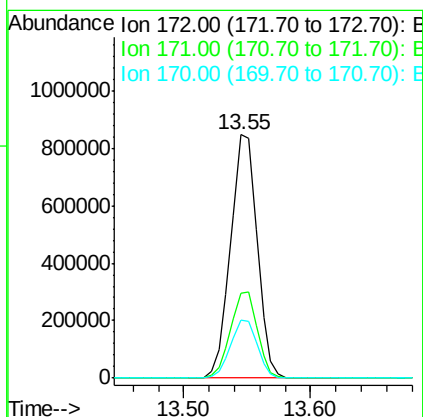
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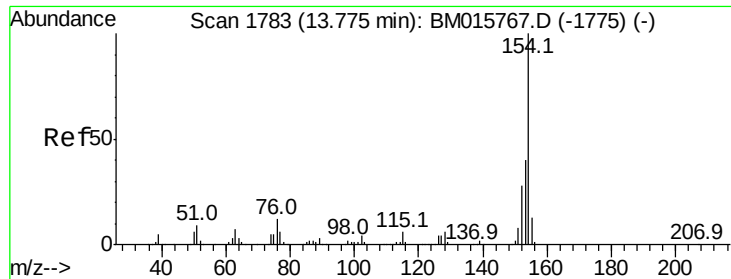
Sohil
 7/10/2018 2:50:00 PM



#44
 2-Fluorobiphenyl
 Concen: 53.748 ng
 RT: 13.55 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:	172	Resp:	1224834
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.5	42.7
170	24.1	18.8	28.2





#45

1,1'-Biphenyl

Concen: 48.736 ng

RT: 13.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

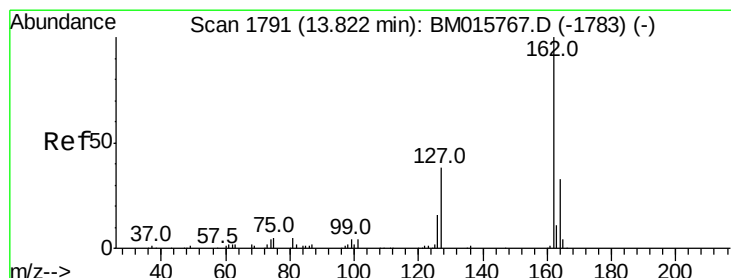
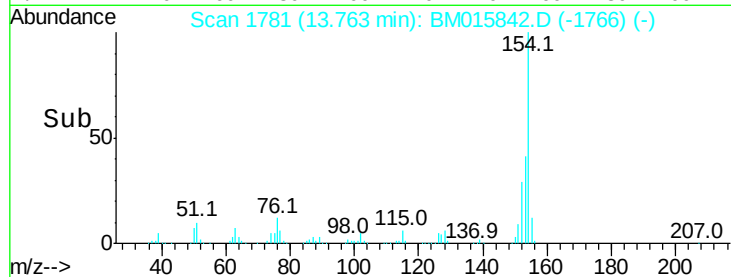
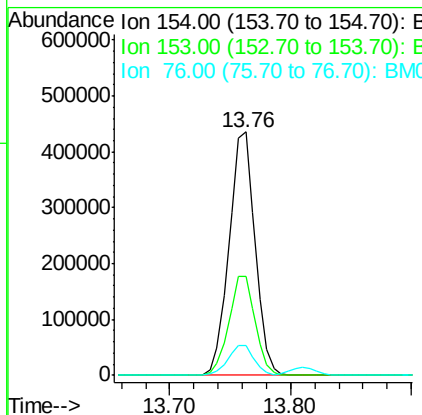
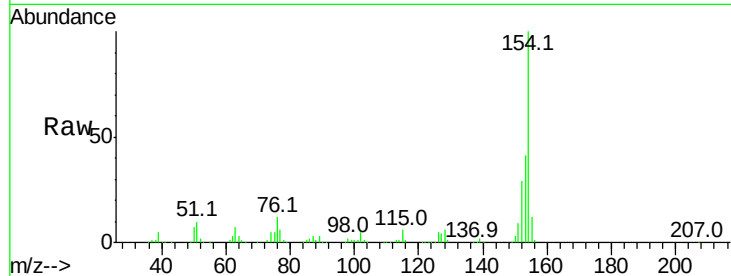
ClientSampled :

PB110790BSD

Tot Ion:	154	Resp:	654101
Ion Ratio	Lower	Upper	
154	100		
153	40.6	20.7	60.7
76	12.0	0.0	30.9

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7/10/2018 2:50:00 PM



#46

2-Chloronaphthalene

Concen: 50.180 ng

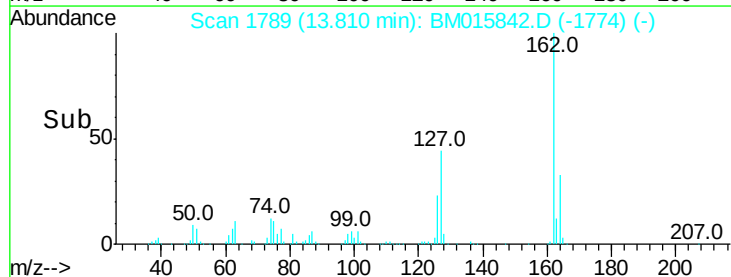
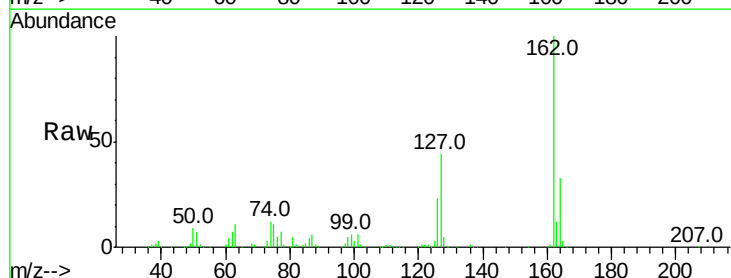
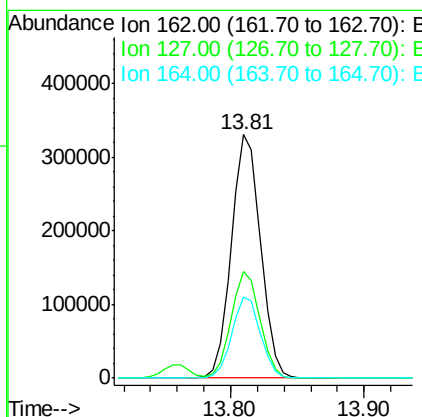
RT: 13.81 min Scan# 1789

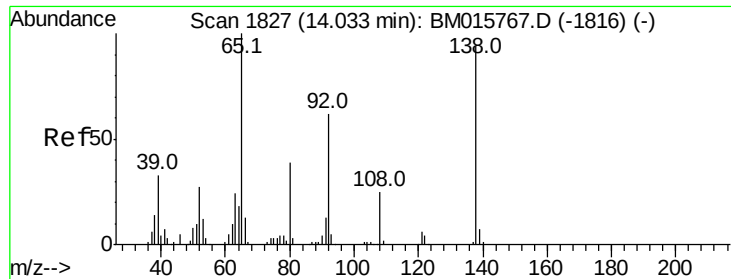
Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tgt Ion:	162	Resp:	503542
Ion Ratio	Lower	Upper	
162	100		
127	43.9	26.9	40.3#
164	33.1	26.8	40.2





#47

2-Nitroaniline

Concen: 54.027 ng

RT: 14.02 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

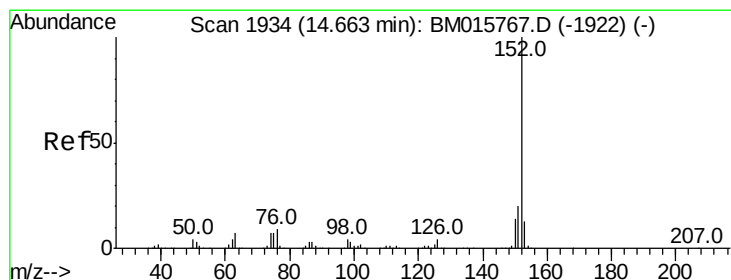
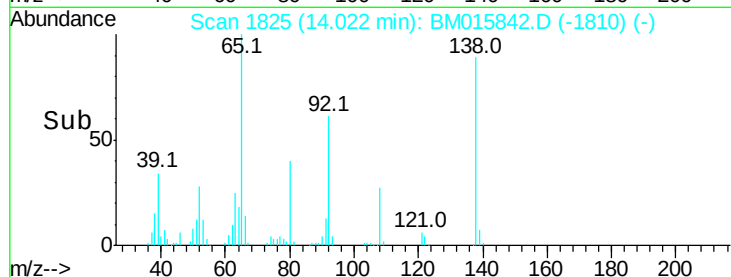
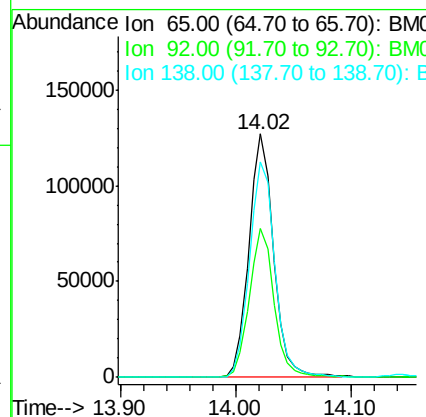
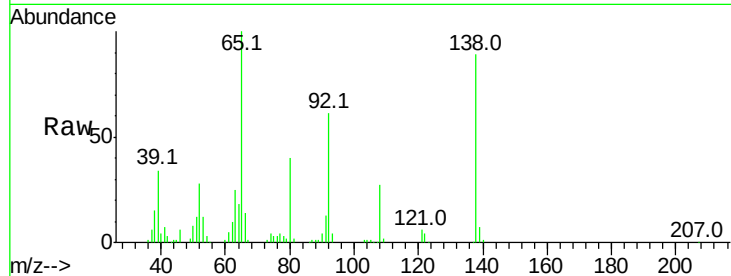
PB110790BSD

Tot Ion: 65 Resp: 189062

Ion	Ratio	Lower	Upper
65	100		
92	61.4	59.1	88.7
138	88.6	93.9	140.9

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7/10/2018 2:50:00 PM



#48

Acenaphthylene

Concen: 50.796 ng

RT: 14.65 min Scan# 1932

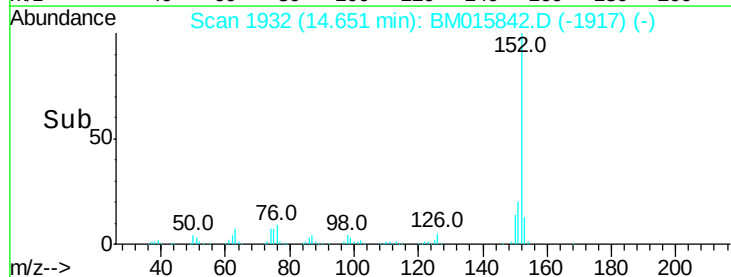
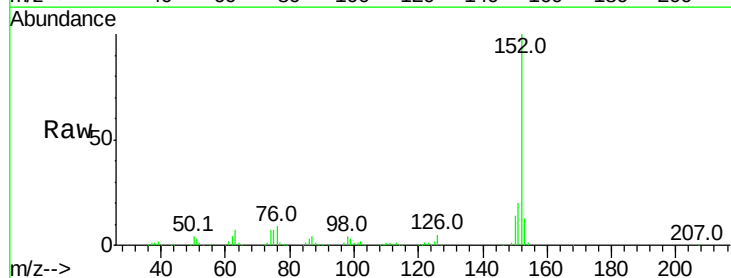
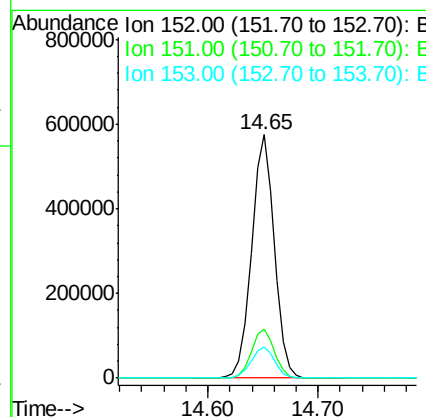
Delta R.T. -0.01 min

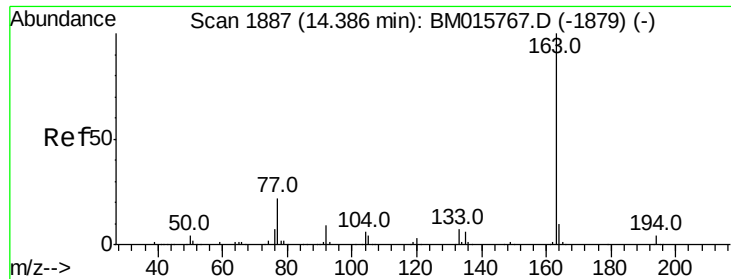
Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tgt Ion: 152 Resp: 829208

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	12.8	10.6	16.0





#49

Dimethylphthalate

Concen: 50.142 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

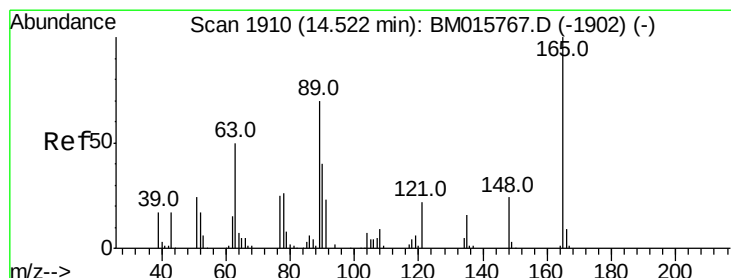
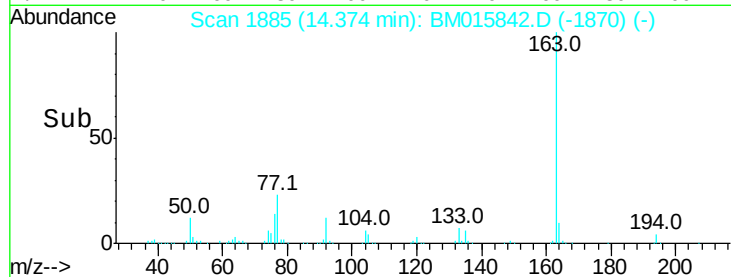
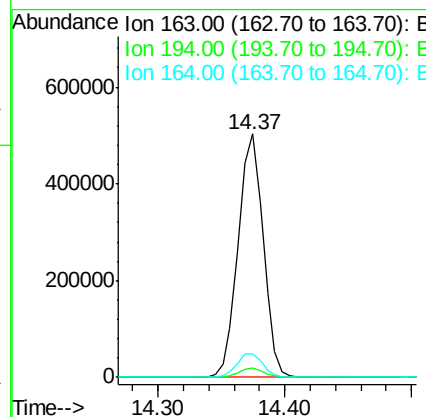
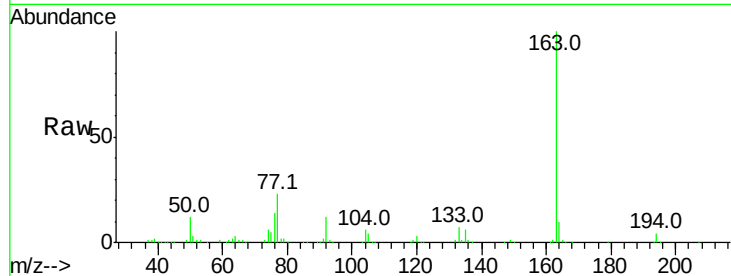
ClientSampleId :

PB110790BSD

Tot Ion:	163	Resp:	686465
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	9.7	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 53.995 ng

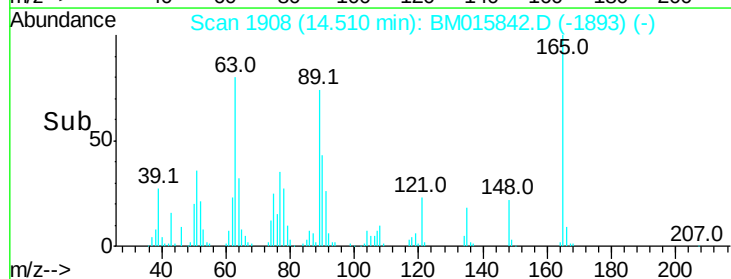
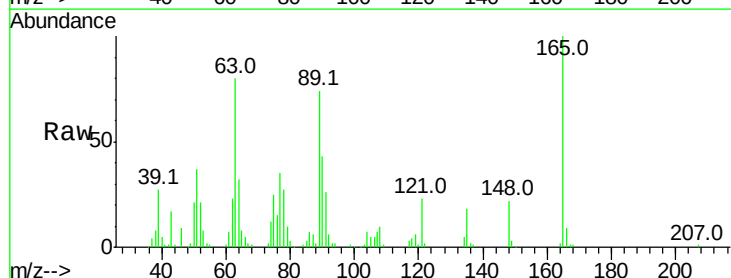
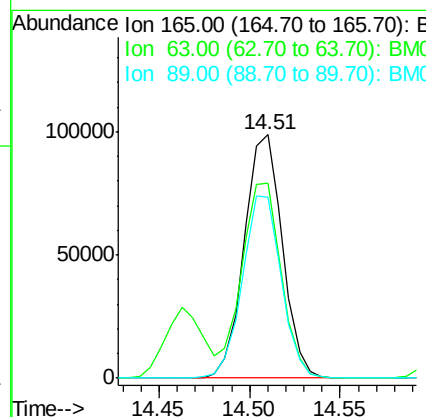
RT: 14.51 min Scan# 1908

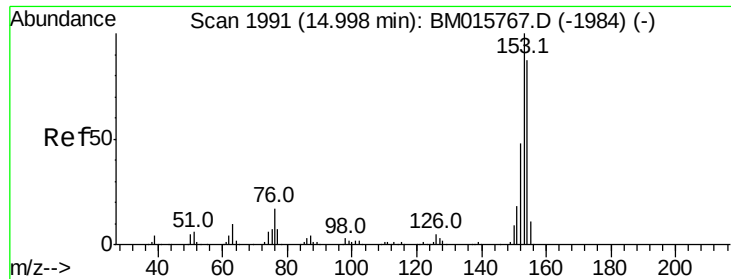
Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tgt Ion:	165	Resp:	144131
Ion Ratio	Lower	Upper	
165	100		
63	80.0	44.1	66.1#
89	74.4	44.3	66.5#





#51

Acenaphthene

Concen: 47.537 ng

RT: 14.99 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

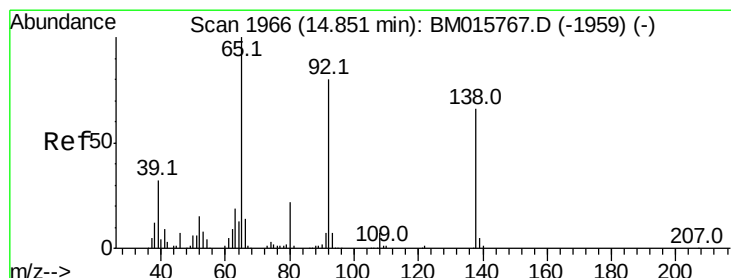
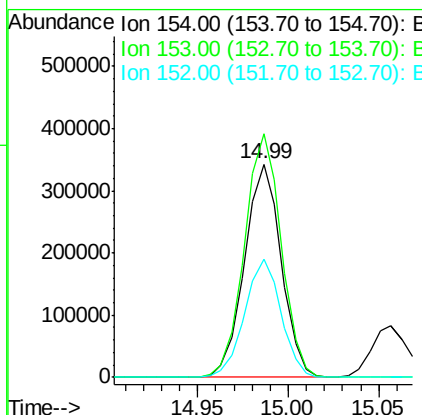
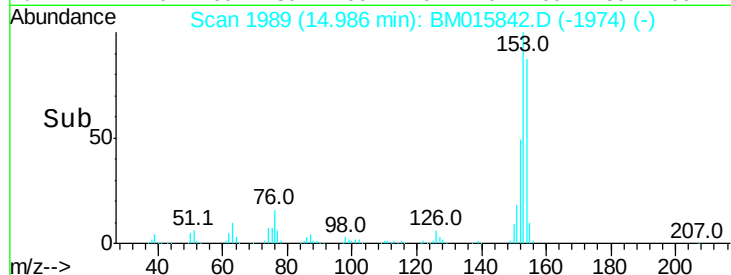
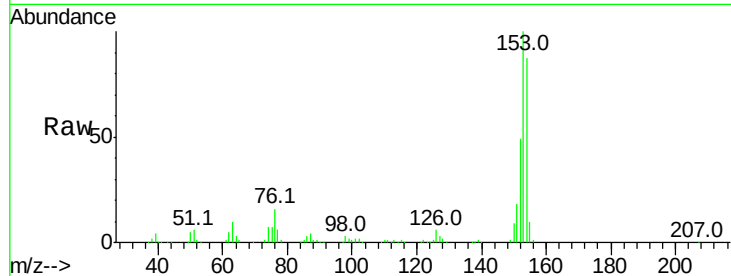
ClientSampleId :

PB110790BSD

Tot Ion:	154	Resp:	482873
Ion Ratio	Lower	Upper	
154	100		
153	114.3	90.0	135.0
152	55.5	42.6	63.8

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7/10/2018 2:50:00 PM



#52

3-Nitroaniline

Concen: 35.028 ng

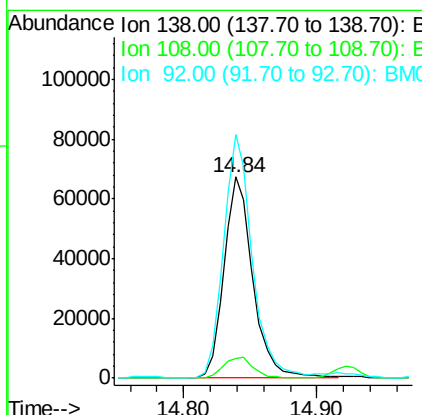
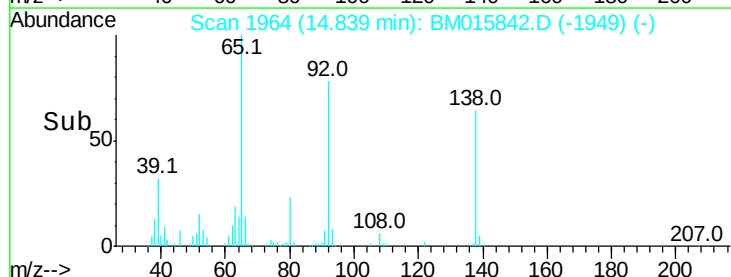
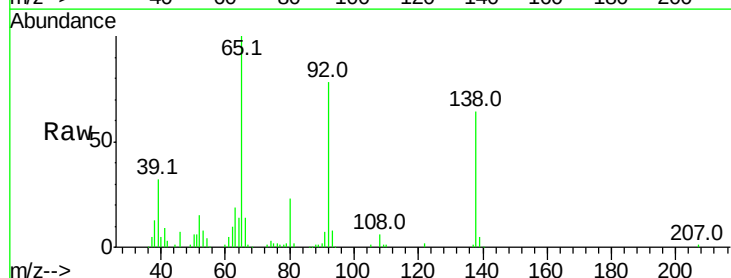
RT: 14.84 min Scan# 1964

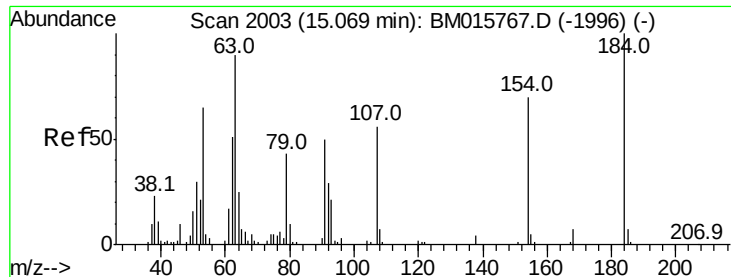
Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tgt Ion:	138	Resp:	102342
Ion Ratio	Lower	Upper	
138	100		
108	10.0	7.3	10.9
92	121.1	76.6	114.8#





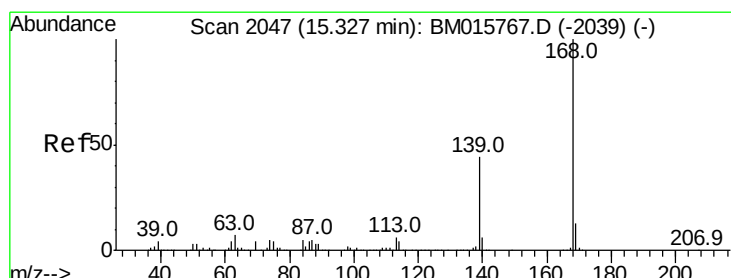
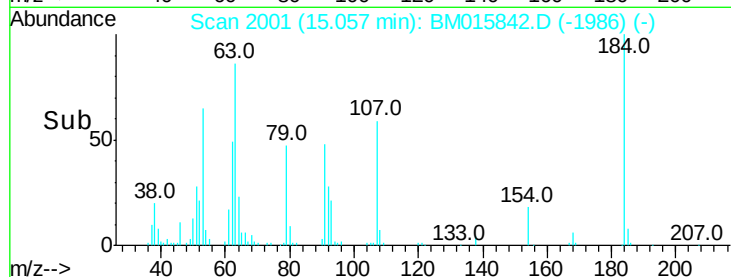
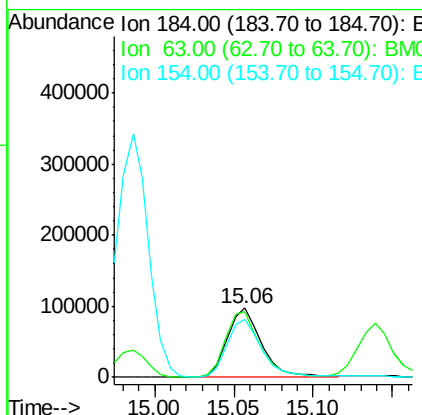
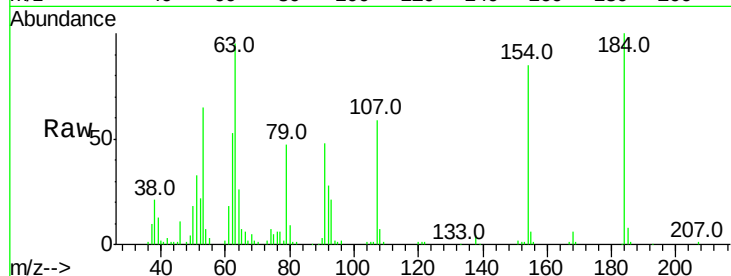
#53
2,4-Dinitrophenol
Concen: 107.283 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	146801		
63	94.8	69.2	103.8	
154	84.9	53.3	79.9#	

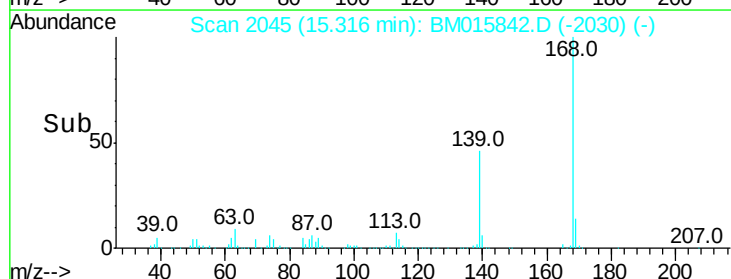
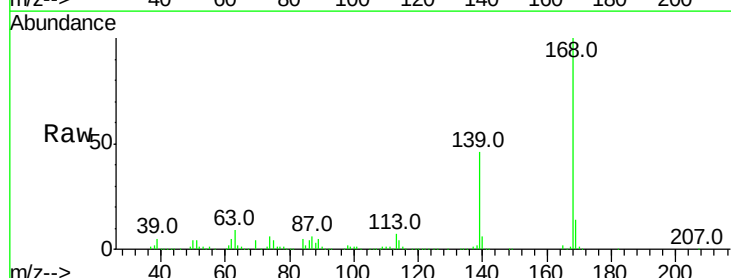
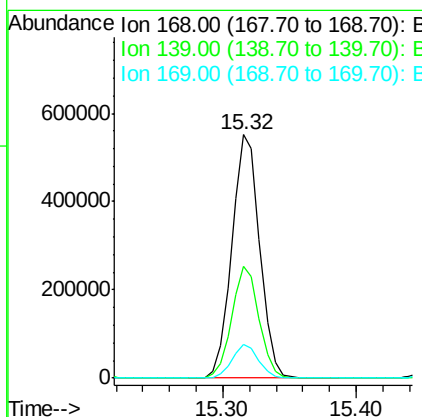
Manual Integrations
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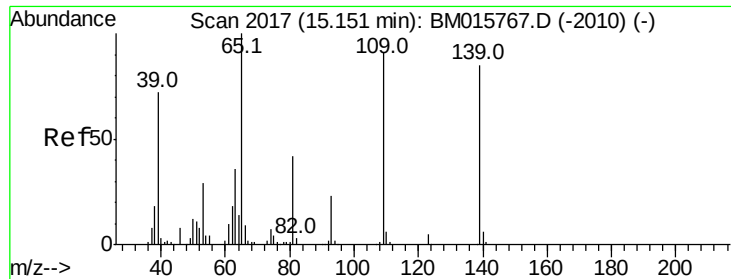
Sohil
7/10/2018 2:50:00 PM



#54
Dibenzofuran
Concen: 51.004 ng
RT: 15.32 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	798338		
139	46.0	27.3	40.9#	
169	13.7	10.6	16.0	





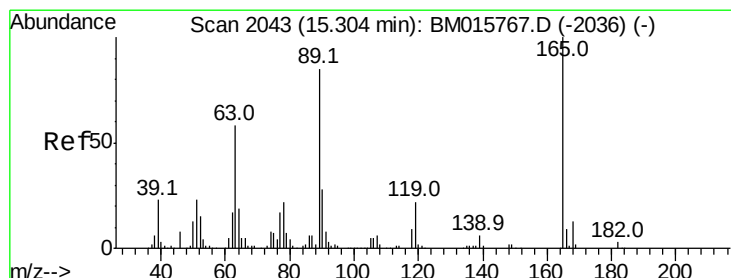
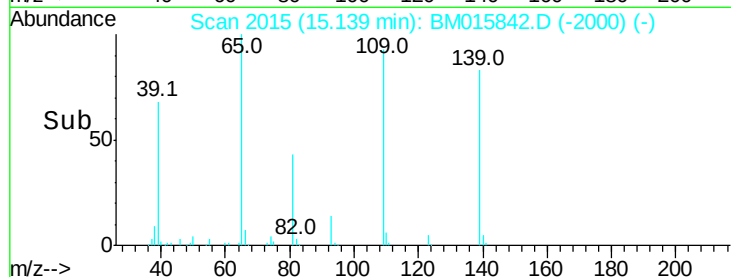
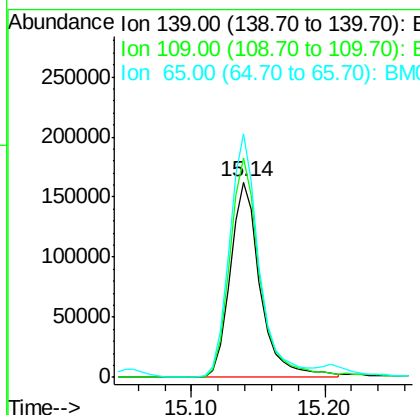
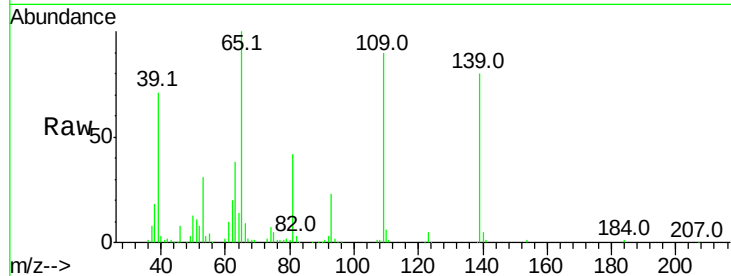
#55
4-Nitrophenol
Concen: 118.502 ng
RT: 15.14 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleID :
PB110790BSD

Tot Ion:139 Resp: 255523
Ion Ratio Lower Upper
139 100
109 112.2 130.0 170.0#
65 124.5 130.0 170.0#

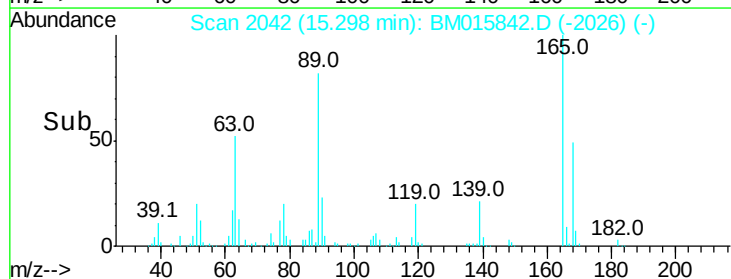
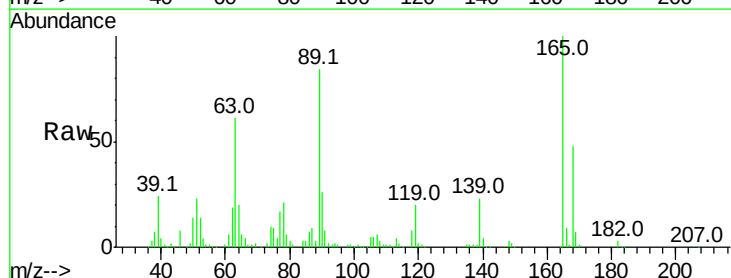
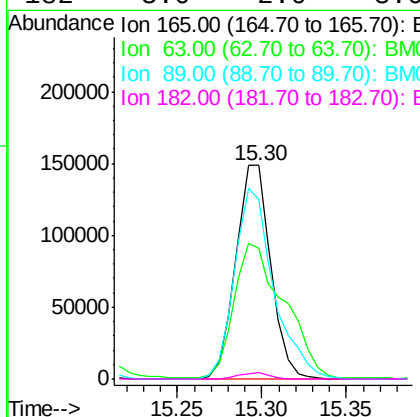
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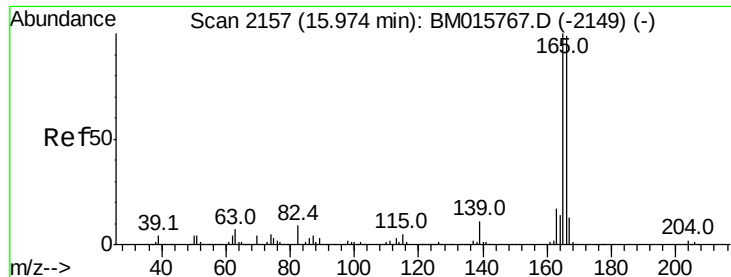
Sohil
7/10/2018 2:50:00 PM



#56
2,4-Dinitrotoluene
Concen: 55.594 ng
RT: 15.30 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion:165 Resp: 214246
Ion Ratio Lower Upper
165 100
63 61.0 52.4 78.6
89 83.9 72.4 108.6
182 3.0 2.0 3.0





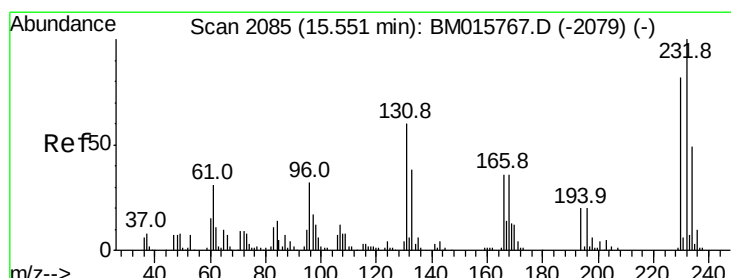
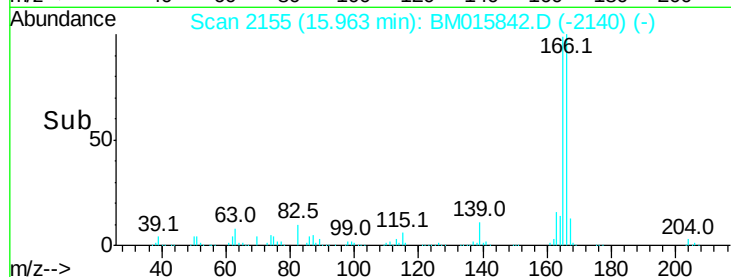
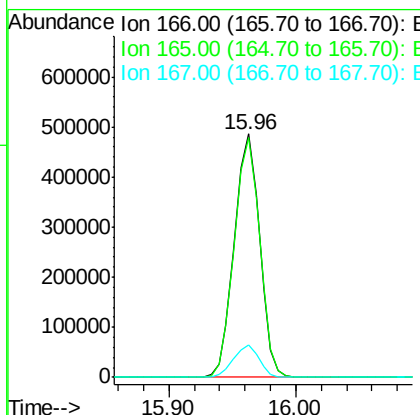
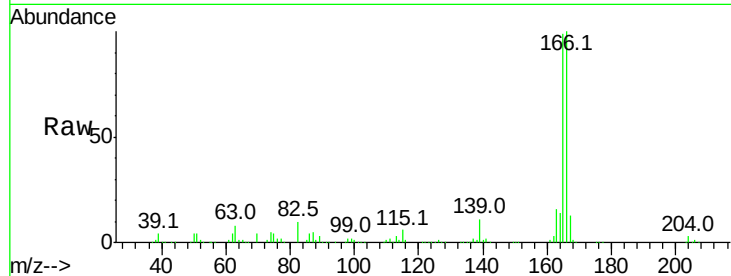
#57
 Fluorene
 Concen: 52.192 ng
 RT: 15.96 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.7	79.0	118.4	
167	13.1	10.3	15.5	

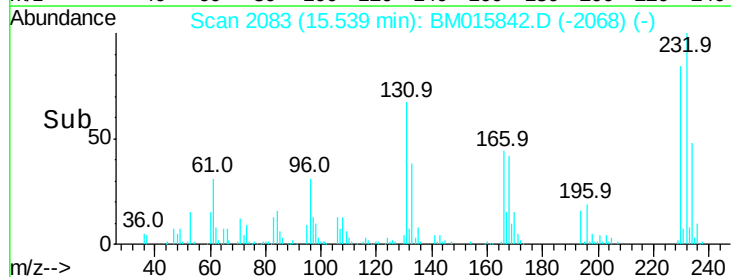
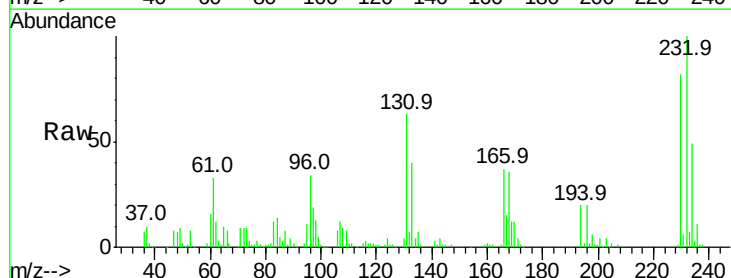
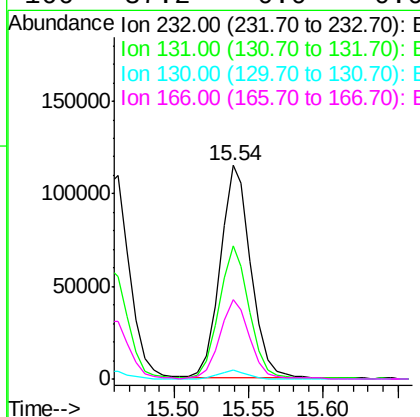
Manual Integrations
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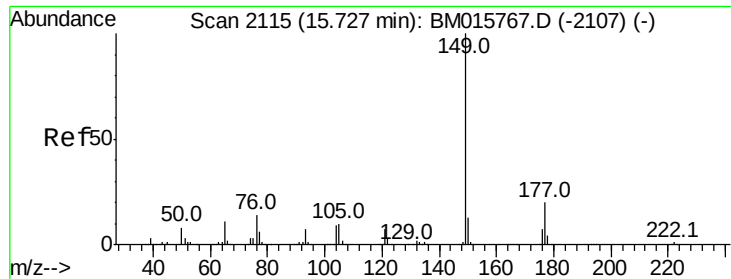
Sohil
 7/10/2018 2:50:00 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.237 ng
 RT: 15.54 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	60.8	0.0	0.0#	
130	3.9	0.0	0.0#	
166	37.2	0.0	0.0#	





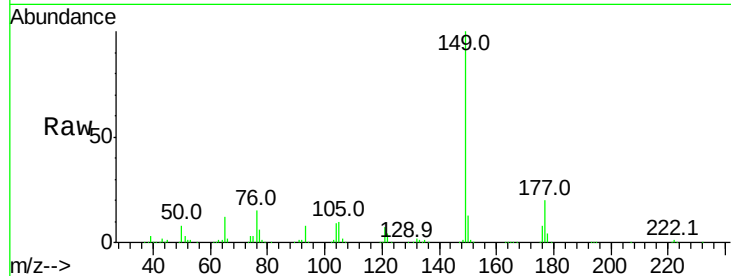
#59
Diethylphthalate
Concen: 52.227 ng
RT: 15.72 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

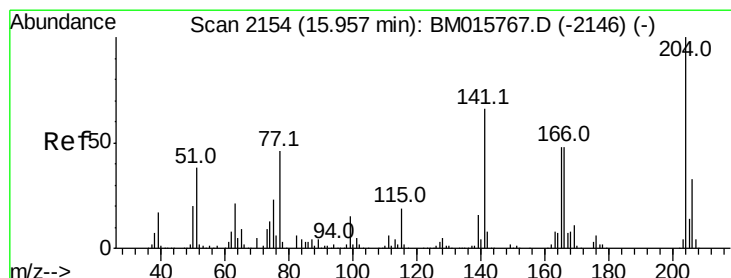
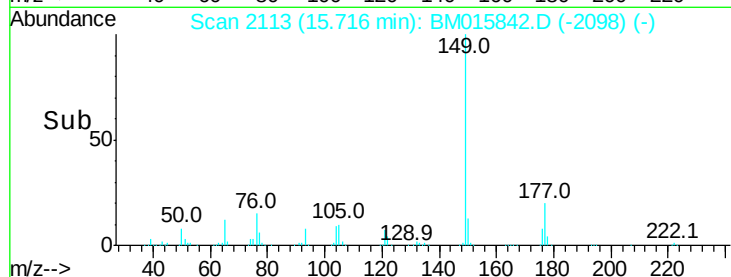
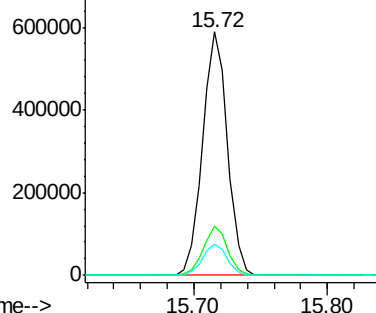
Tot Ion	Ratio	Resp	Lower	Upper
149	100	766219		
177	20.1	18.3	27.5	
150	12.8	9.8	14.8	

Manual Integrations
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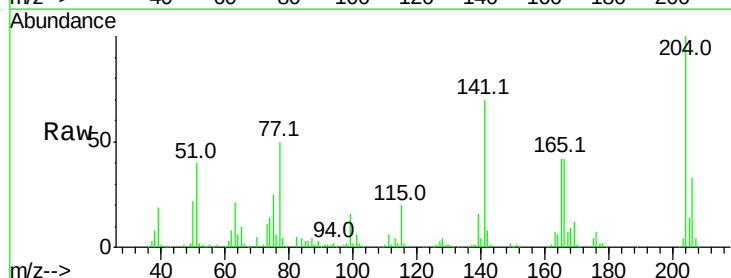


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

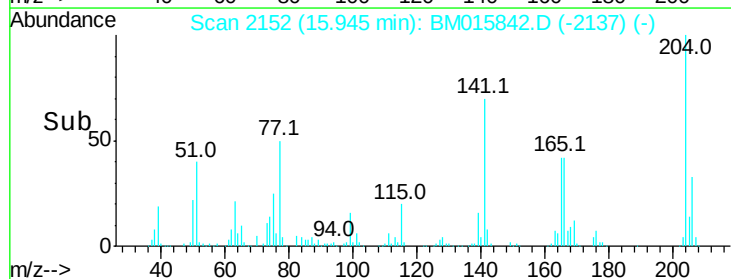
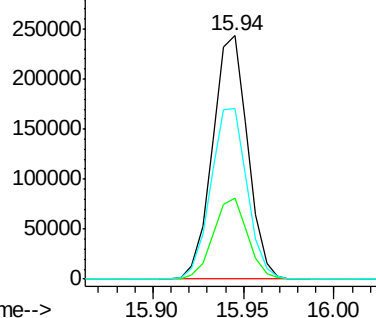


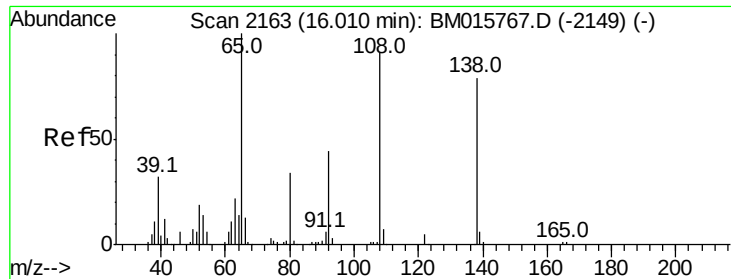
#60
4-Chlorophenyl-phenylether
Concen: 49.301 ng
RT: 15.94 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	327447		
206	33.2	26.6	39.8	
141	69.9	45.2	67.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





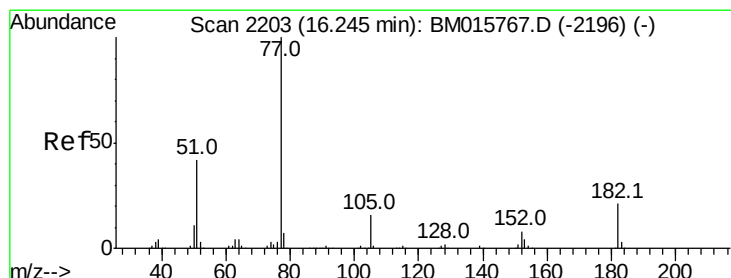
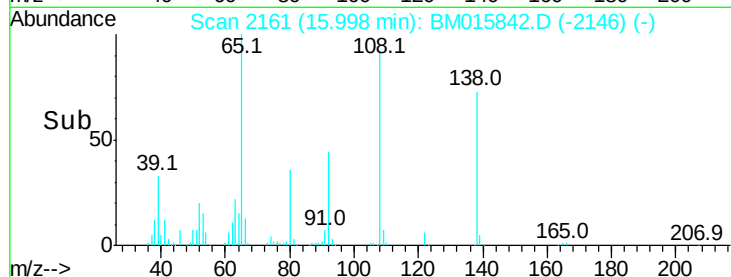
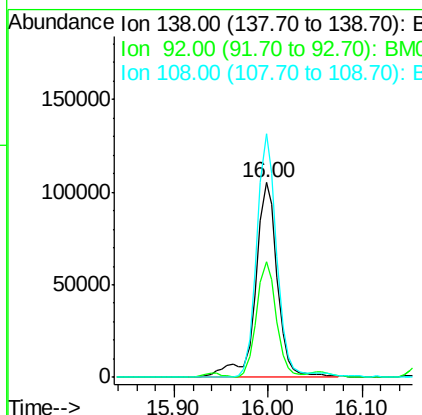
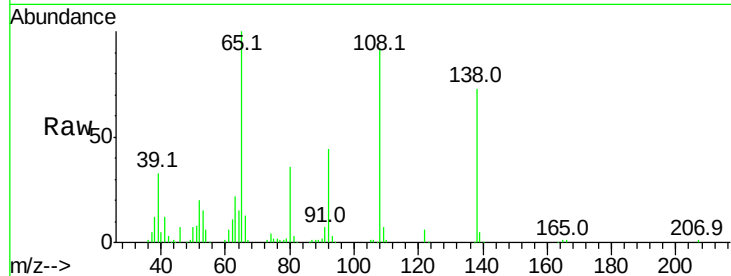
#61
4-Nitroaniline
Concen: 56.250 ng
RT: 16.00 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.4	16.7	56.7#
108	125.0	37.6	77.6#

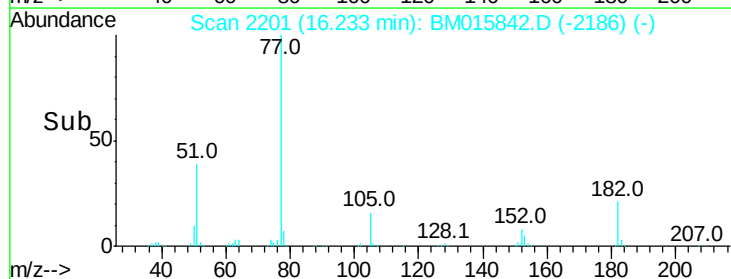
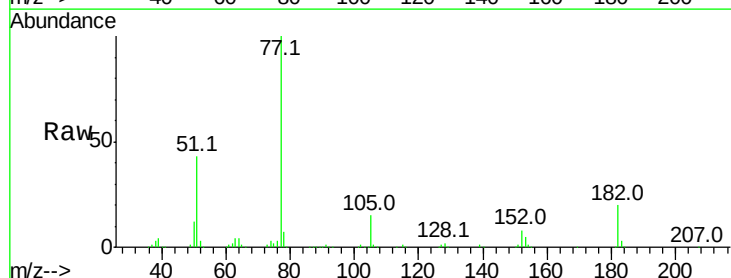
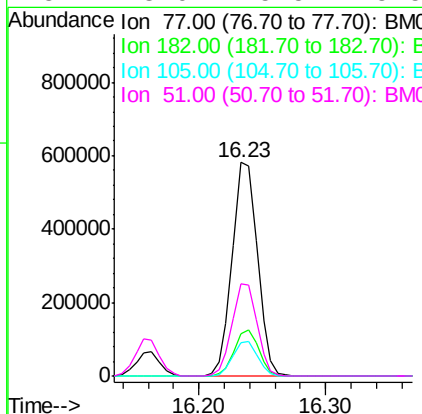
Manual Integrations
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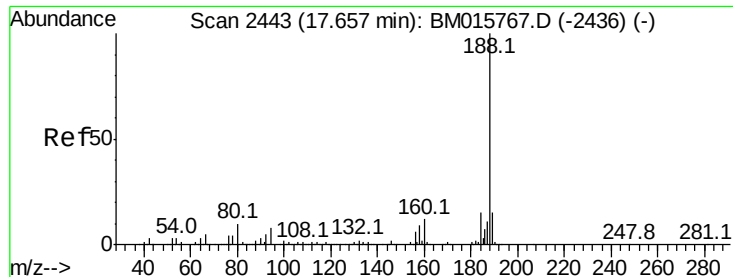
Sohil
7/10/2018 2:50:00 PM



#62
Azobenzene
Concen: 58.130 ng
RT: 16.23 min Scan# 2201
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.0	6.5	46.5
105	15.5	3.8	43.8
51	43.0	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.65 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tot Ion:188 Resp: 374957

Ion Ratio Lower Upper

188 100

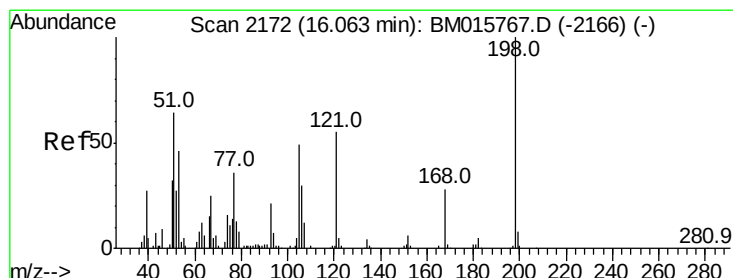
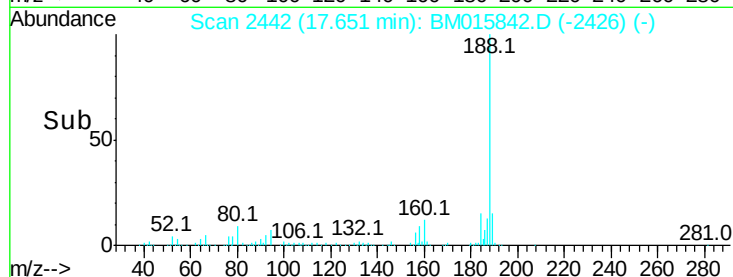
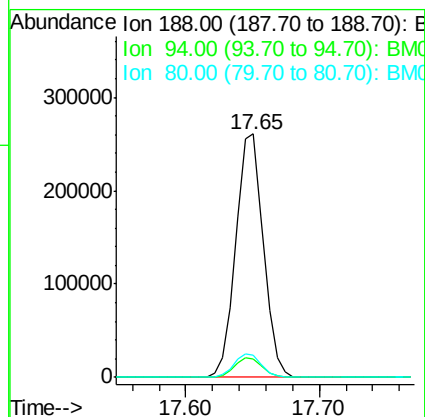
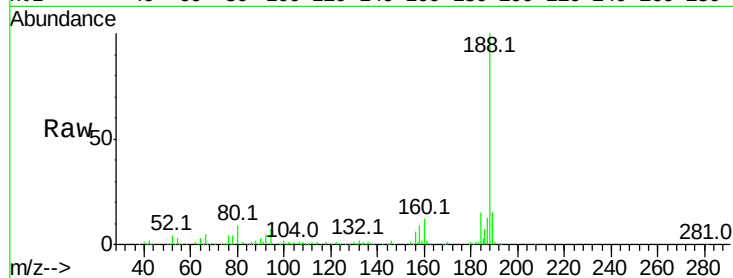
94 7.4 8.7 13.1#

80 9.0 9.3 13.9#

Manual Integrations
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Sohil

7/10/2018 2:50:00 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 48.975 ng

RT: 16.06 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

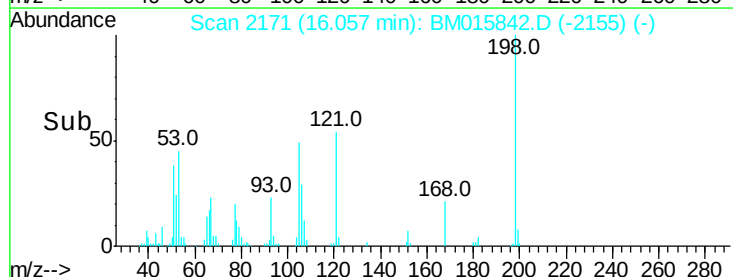
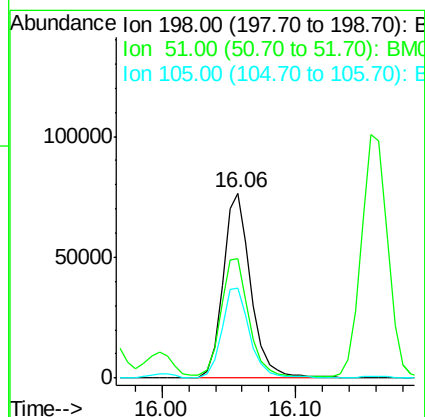
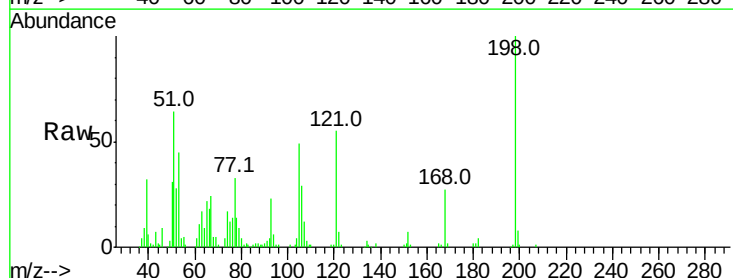
Tgt Ion:198 Resp: 111636

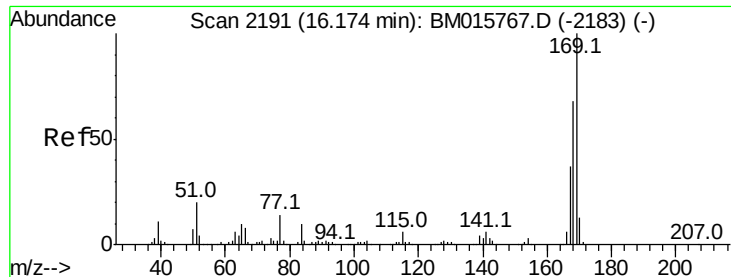
Ion Ratio Lower Upper

198 100

51 64.5 28.8 68.8

105 48.9 30.5 70.5





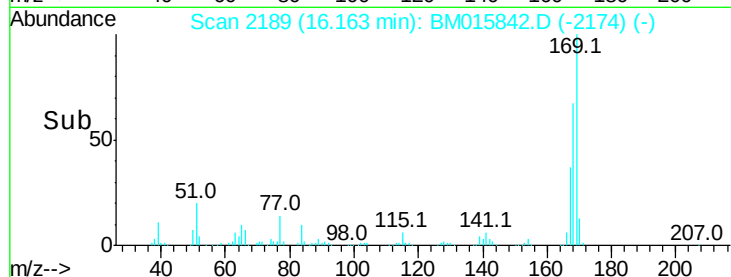
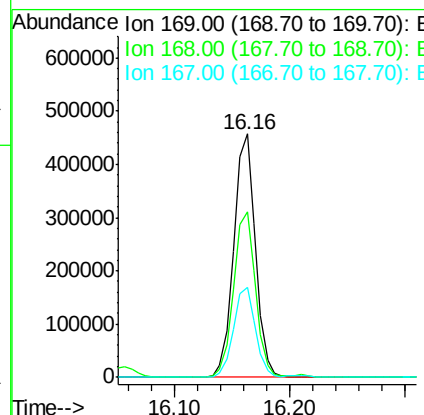
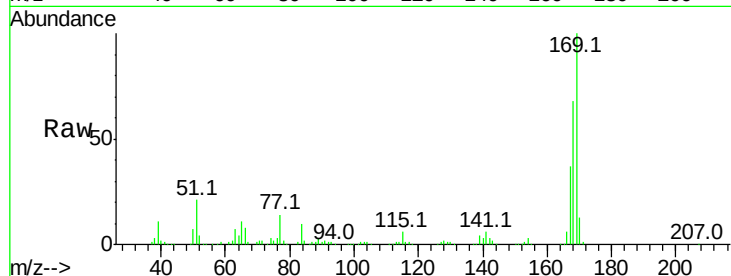
#65
 n-Nitrosodiphenylamine
 Concen: 46.061 ng
 RT: 16.16 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	591788		
168	68.1		53.9	80.9
167	36.7		28.9	43.3

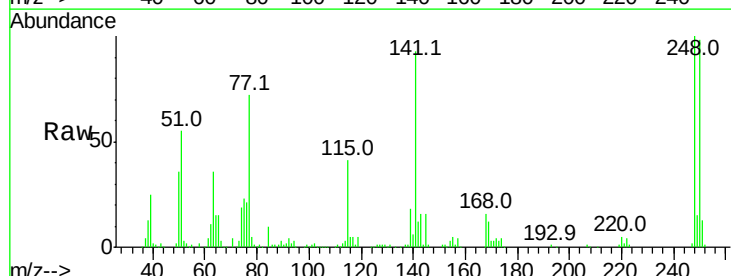
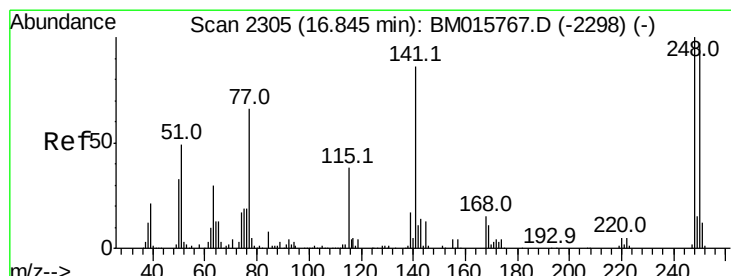
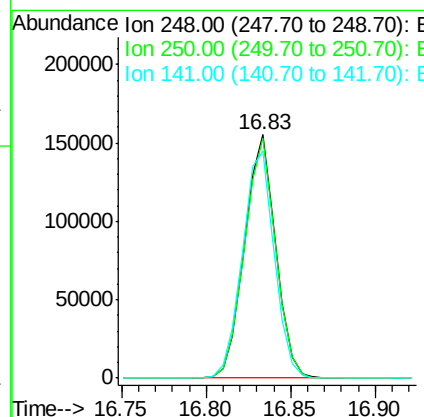
Manual Integrations
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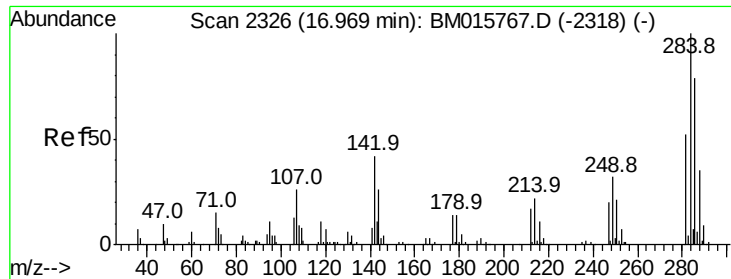
Sohil
 7/10/2018 2:50:00 PM



#66
 4-Bromophenyl-phenylether
 Concen: 47.509 ng
 RT: 16.83 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	198897		
250	98.3		77.4	116.0
141	93.0		45.2	67.8#





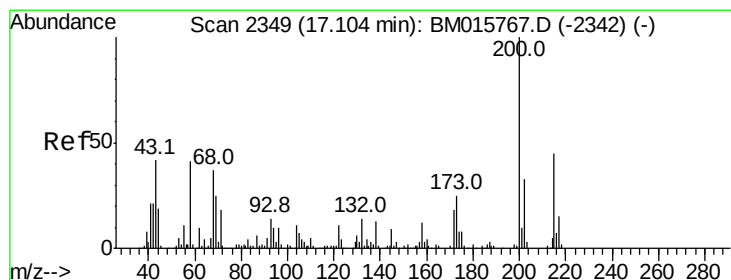
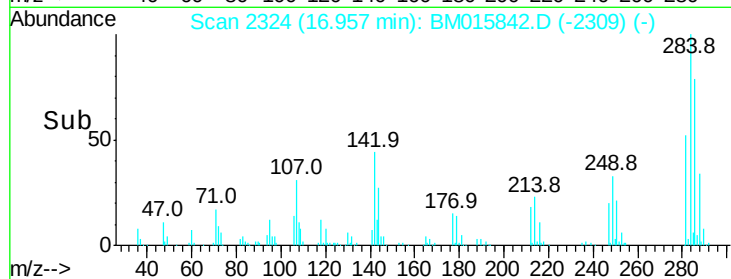
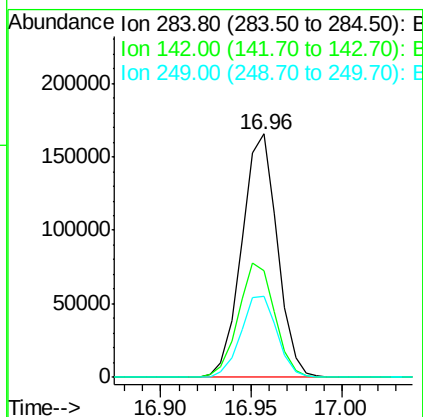
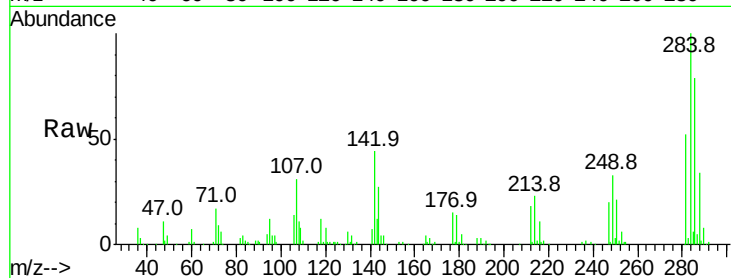
#67
Hexachlorobenzene
Concen: 48.214 ng
RT: 16.96 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	225554		
142	44.0	20.4	30.6#	
249	33.4	23.8	35.6	

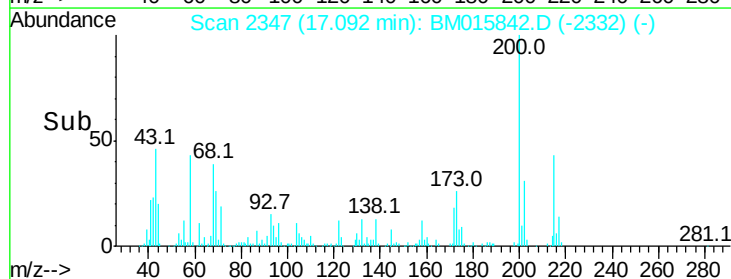
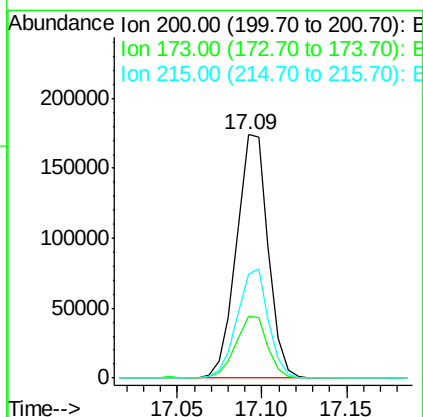
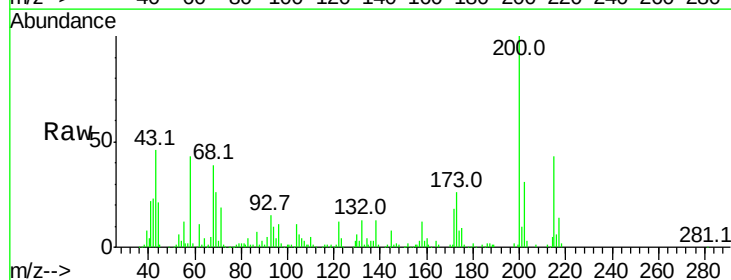
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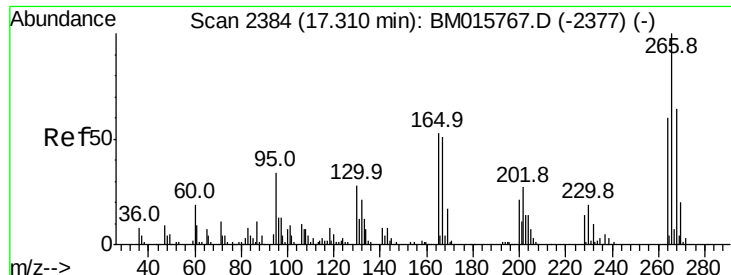
Sohil
7/10/2018 2:50:00 PM



#68
Atrazine
Concen: 53.854 ng
RT: 17.09 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	227588		
173	25.6	4.8	44.8	
215	42.9	26.9	66.9	





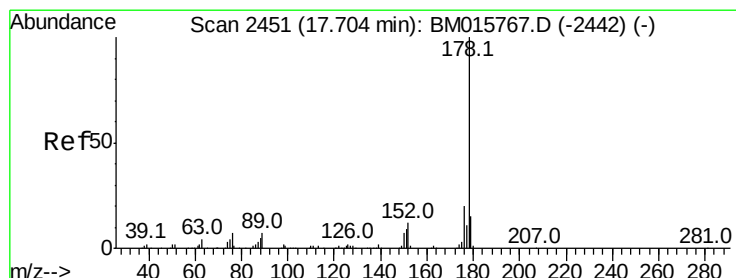
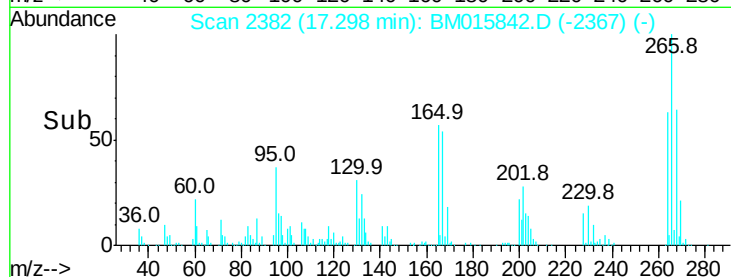
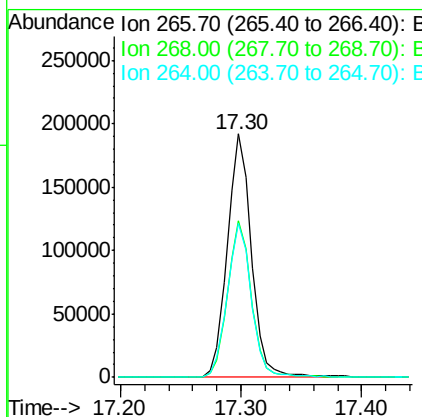
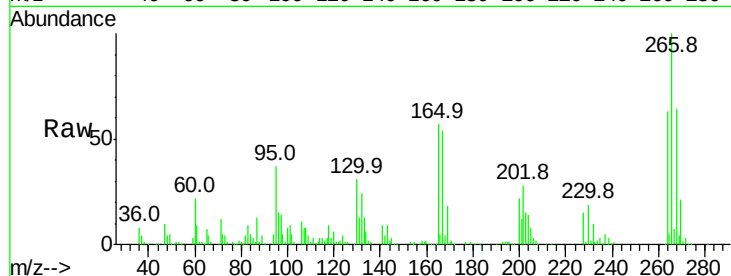
#69
 Pentachlorophenol
 Concen: 92.071 ng
 RT: 17.30 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.0	78.0
264	63.2	49.0	73.4

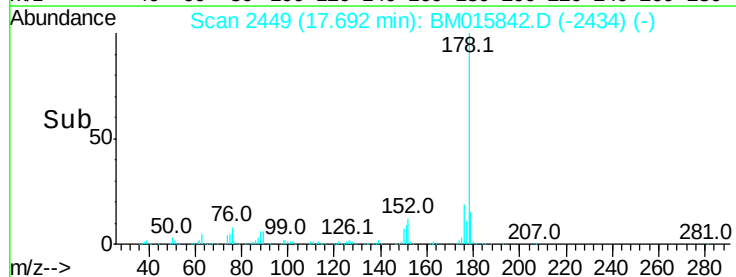
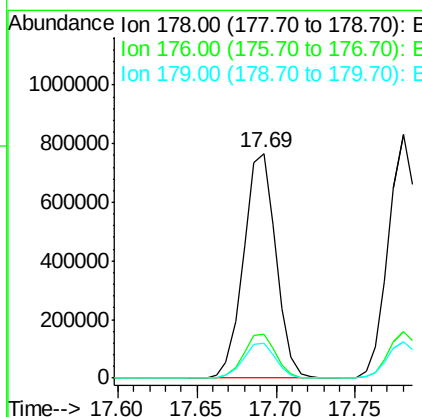
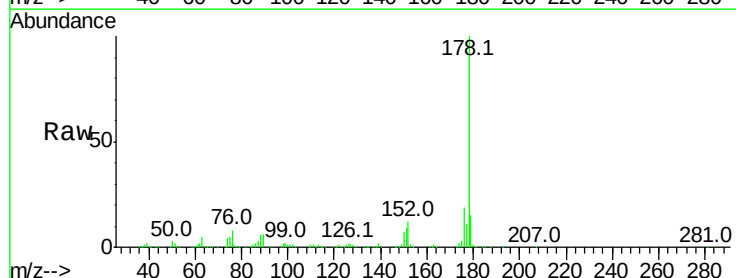
Manual Integrations
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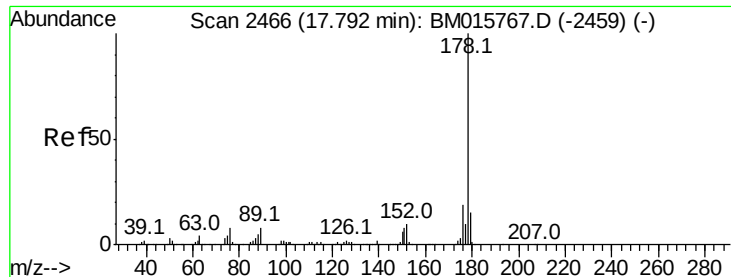
Sohil
 7/10/2018 2:50:00 PM



#70
 Phenanthrene
 Concen: 50.465 ng
 RT: 17.69 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.2	22.8
179	15.3	12.1	18.1





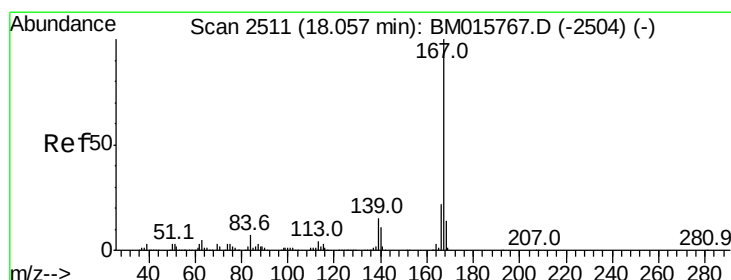
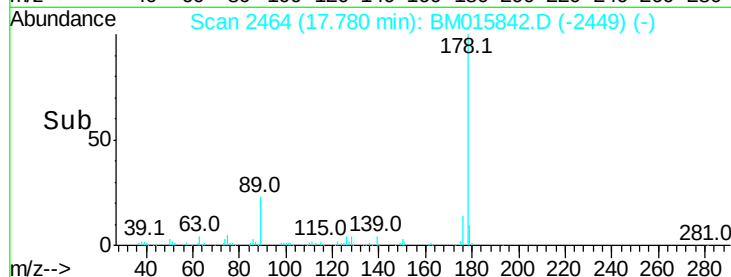
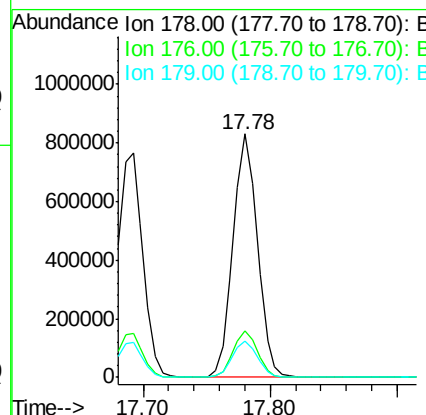
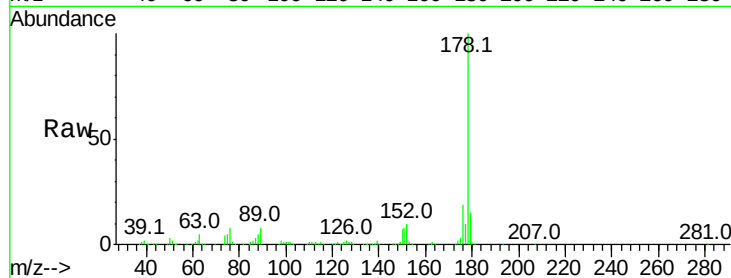
#71
 Anthracene
 Concen: 52.414 ng
 RT: 17.78 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	14.9	12.6	19.0

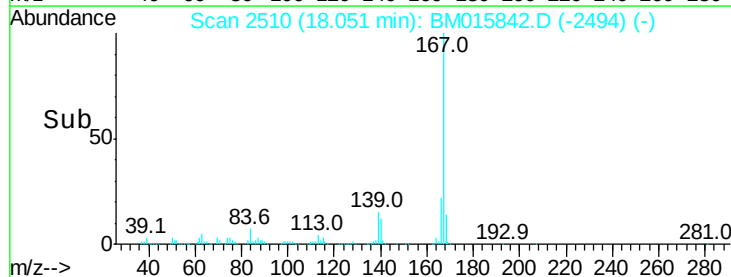
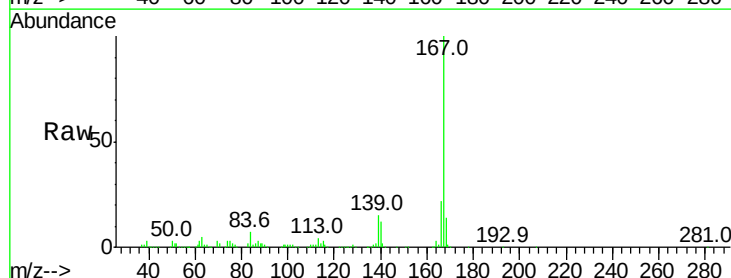
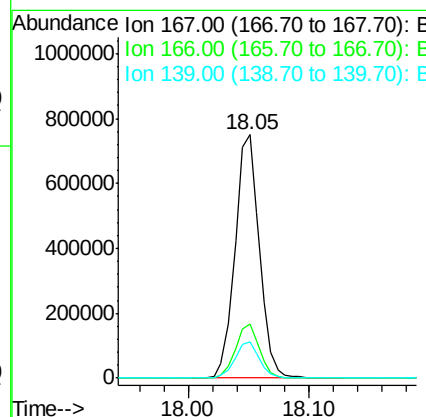
Manual Integrations
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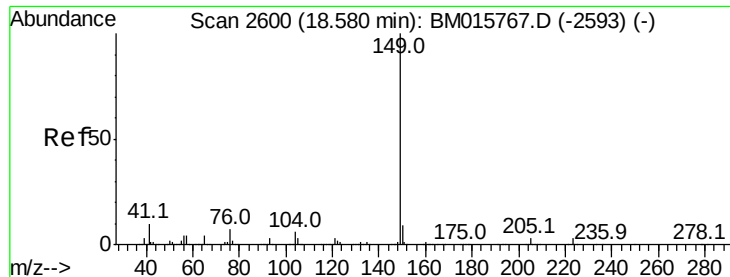
Sohil
 7/10/2018 2:50:00 PM



#72
 Carbazole
 Concen: 53.708 ng
 RT: 18.05 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.2	25.8
139	14.8	10.8	16.2





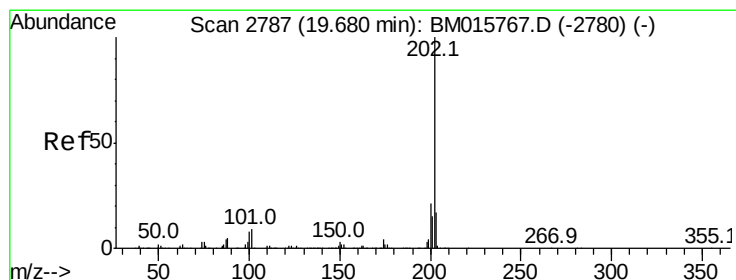
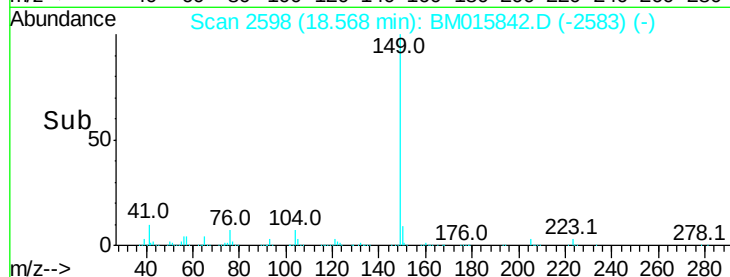
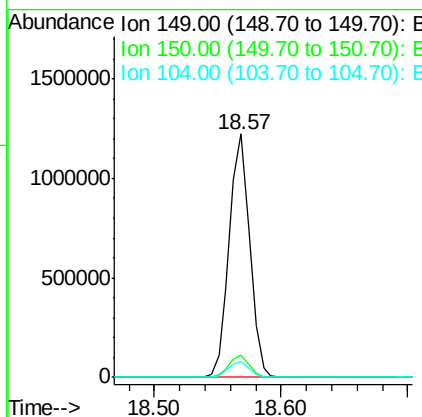
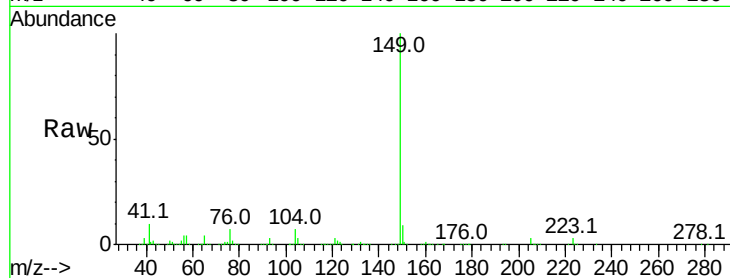
#73
Di-n-butylphthalate
Concen: 51.659 ng
RT: 18.57 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	6.5	3.7	5.5

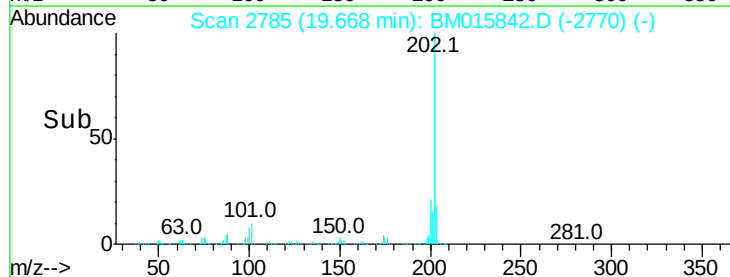
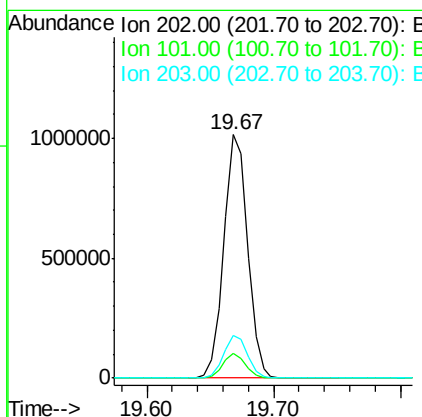
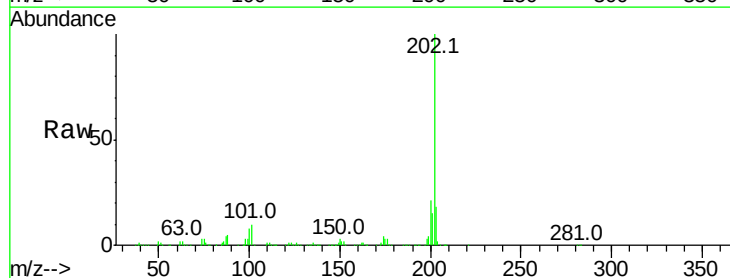
Manual Integrations
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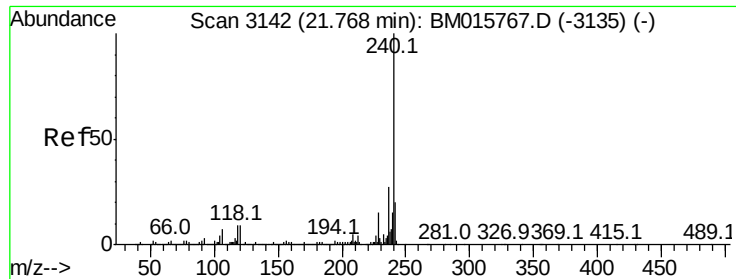
Sohil
7/10/2018 2:50:00 PM



#74
Fluoranthene
Concen: 53.560 ng
RT: 19.67 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	28.7
203	17.8	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

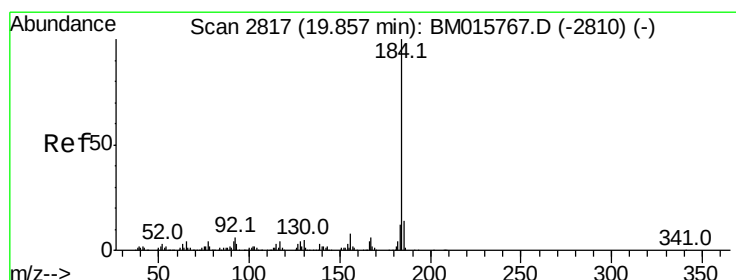
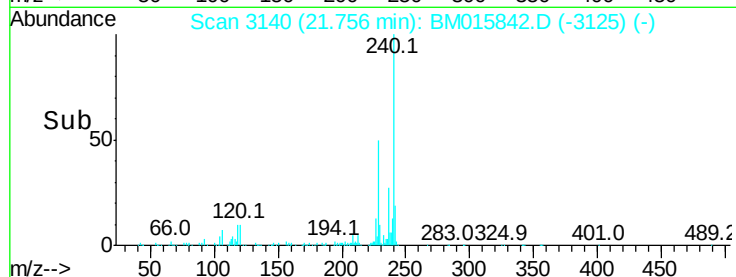
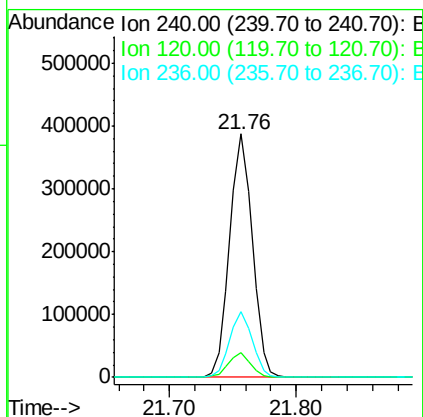
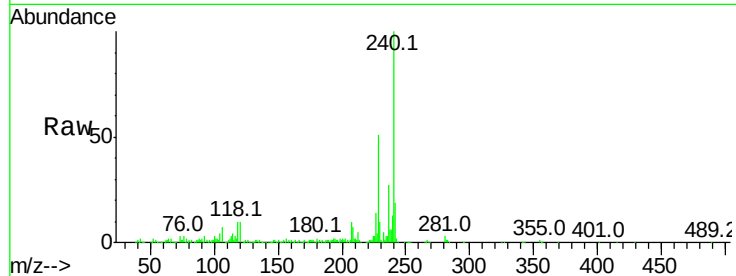
ClientSampleId :

PB110790BSD

Tot Ion:	240	Resp:	481024
Ion Ratio	Lower	Upper	
240	100		
120	10.0	8.2	12.2
236	27.2	20.0	30.0

Manual Integrations
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Sohil
7/10/2018 2:50:00 PM



#76

Benzidine

Concen: 40.231 ng

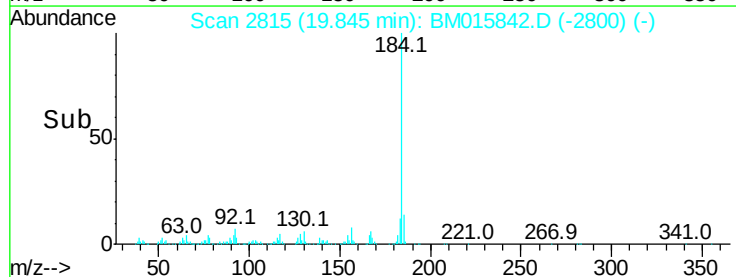
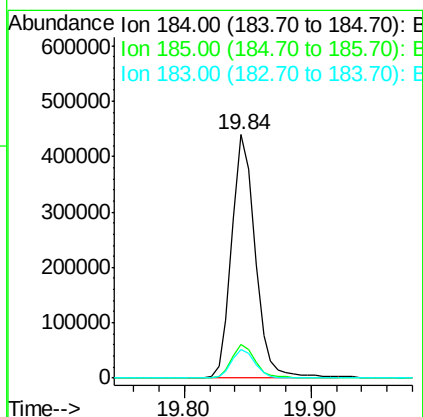
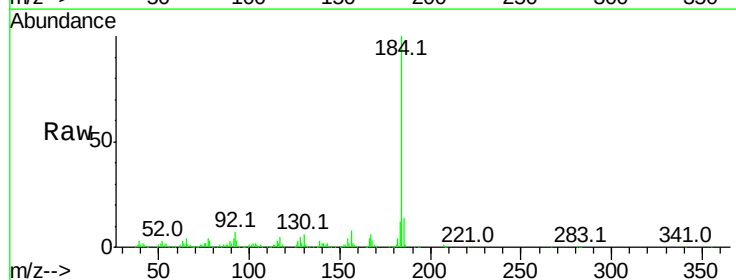
RT: 19.84 min Scan# 2815

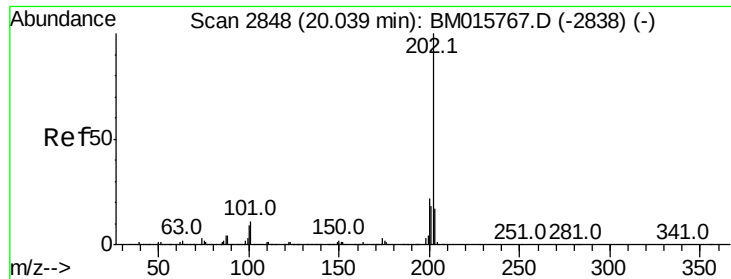
Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Tgt Ion:	184	Resp:	566994
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.3	16.9
183	11.6	8.9	13.3





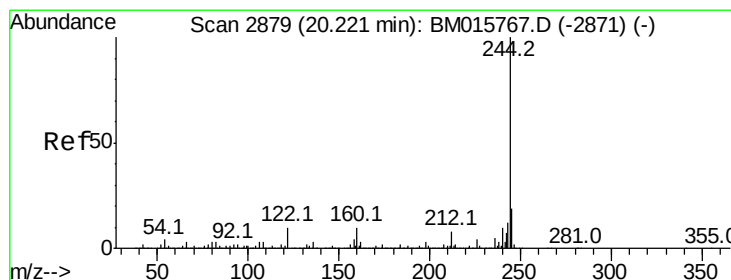
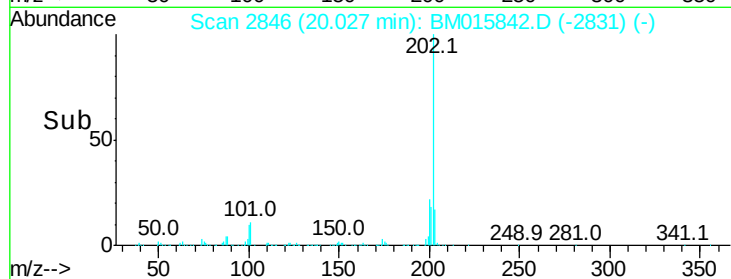
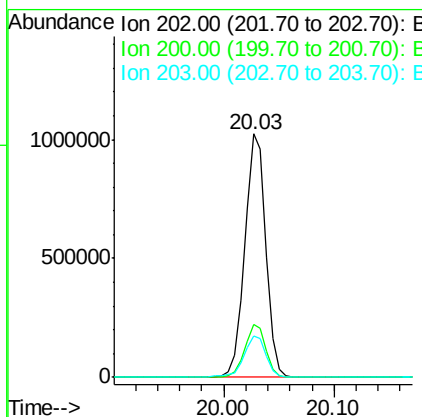
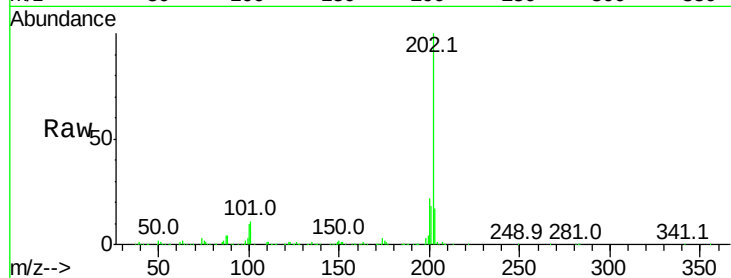
#77
Pvrene
Concen: 45.509 ng
RT: 20.03 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	17.1	14.1	21.1

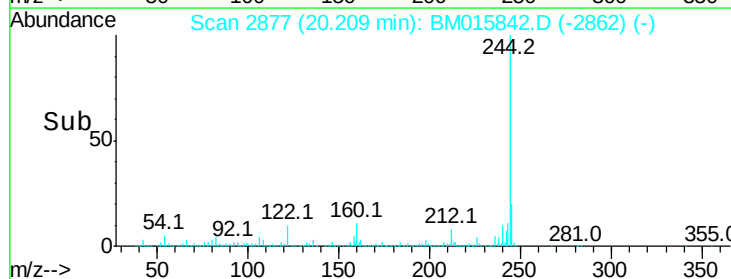
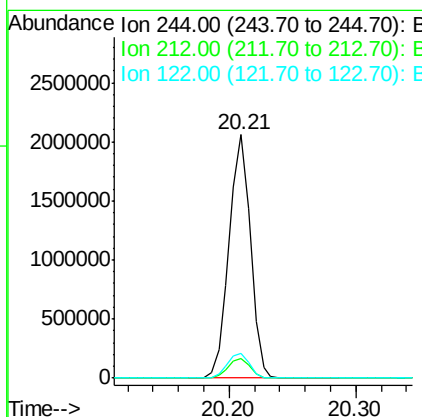
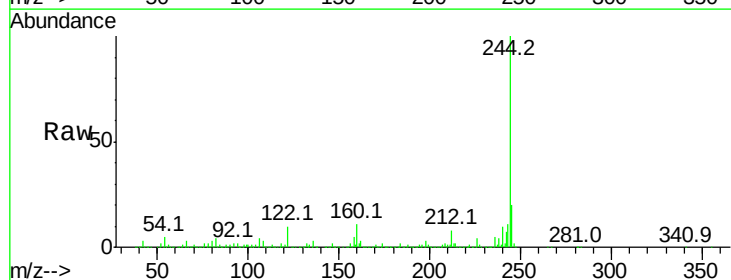
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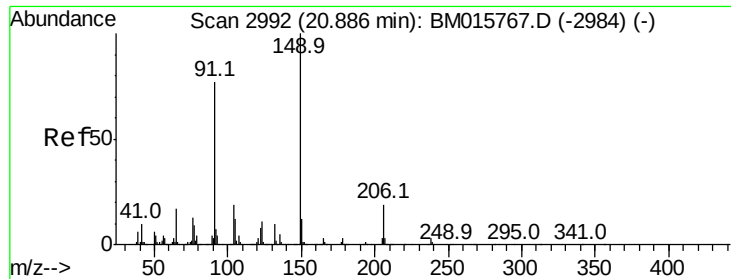
Sohil
7/10/2018 2:50:00 PM



#78
Terphenyl-d14
Concen: 45.509 ng
RT: 20.21 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	10.3	6.2	9.4#





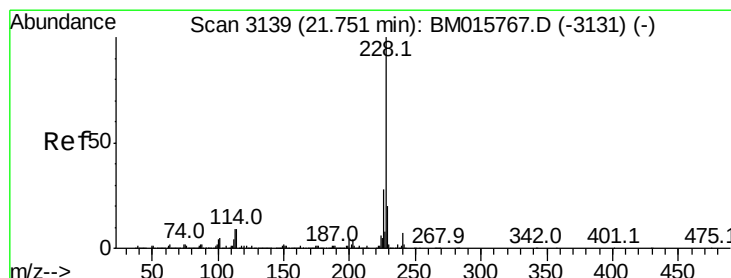
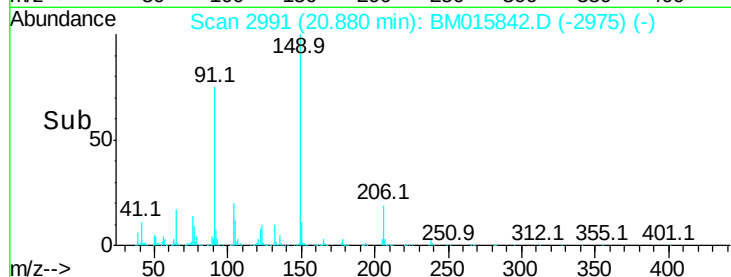
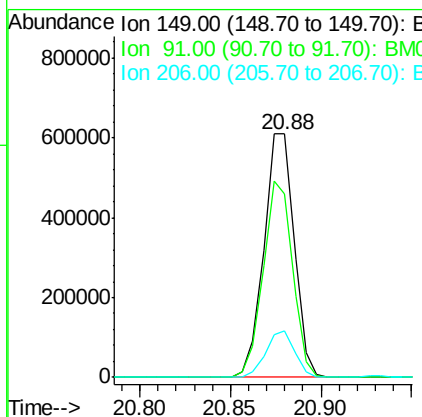
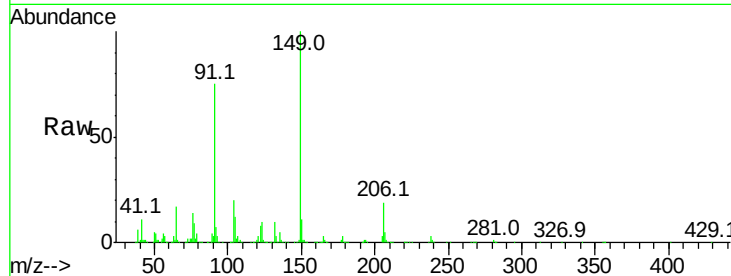
#79
Butylbenzylphthalate
Concen: 48.970 ng
RT: 20.88 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	75.2	50.1	75.1#
206	18.8	16.2	24.2

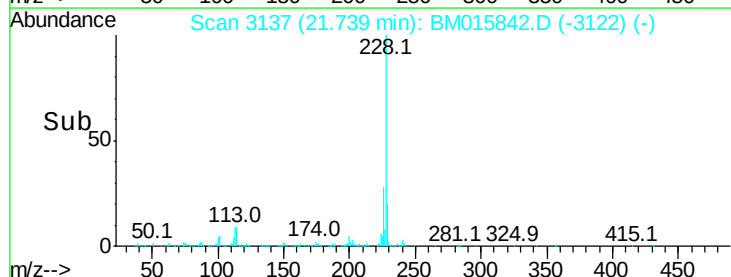
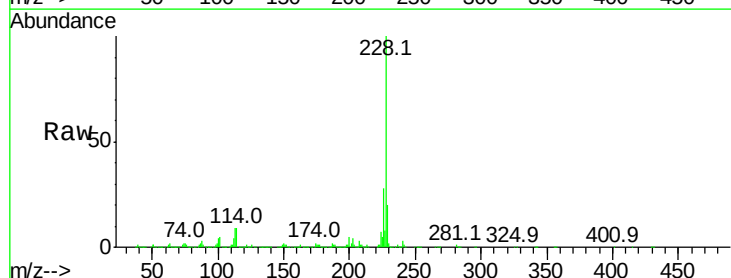
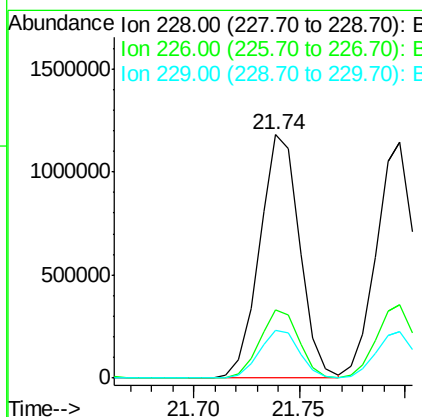
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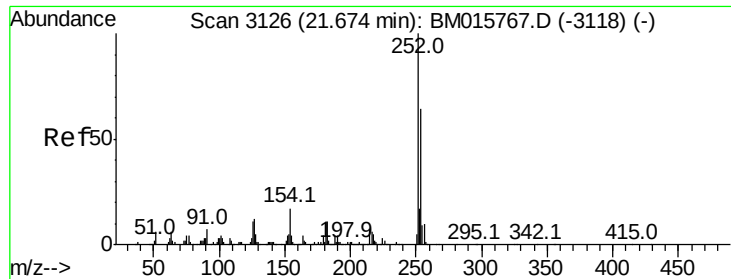
Sohil
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#80
Benzo(a)anthracene
Concen: 50.841 ng
RT: 21.74 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.7	32.5
229	19.6	16.0	24.0





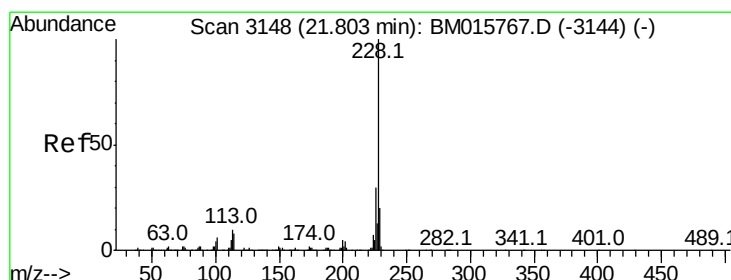
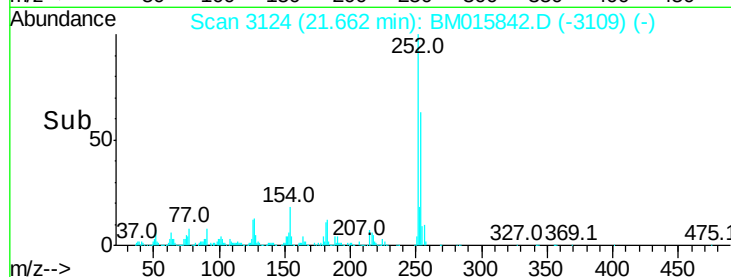
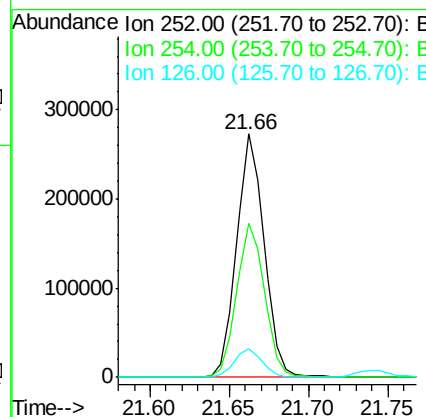
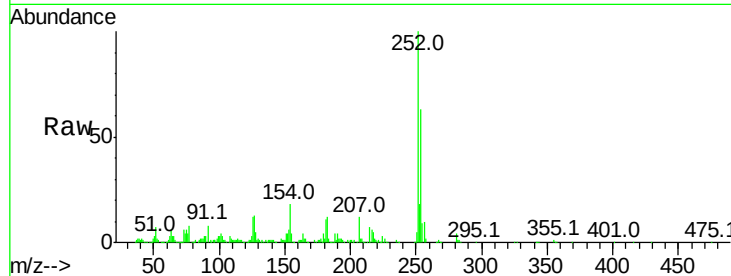
#81
 3,3'-Dichlorobenzidine
 Concen: 30.137 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.3	51.9	77.9	
126	11.8	9.8	14.8	

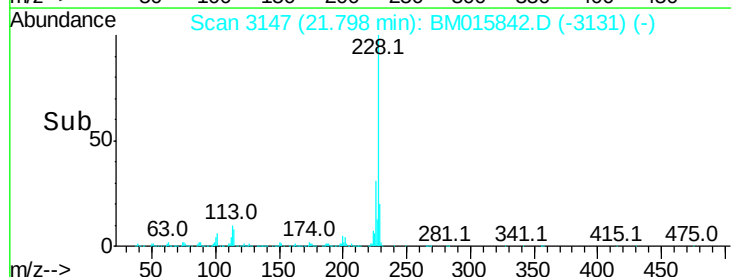
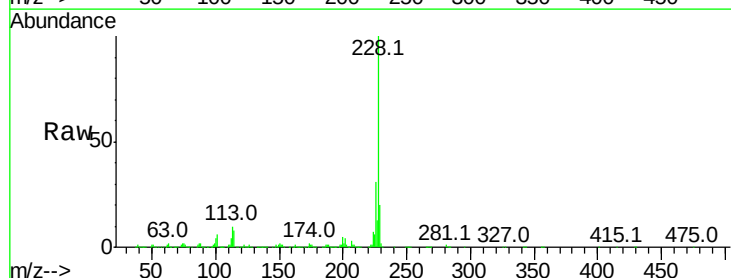
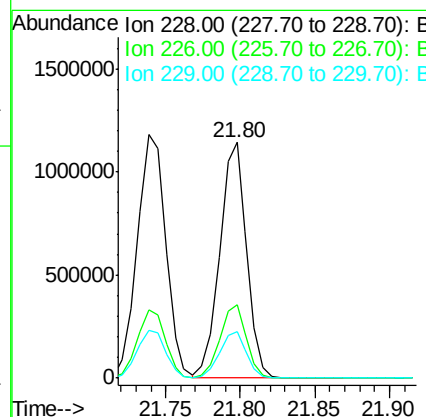
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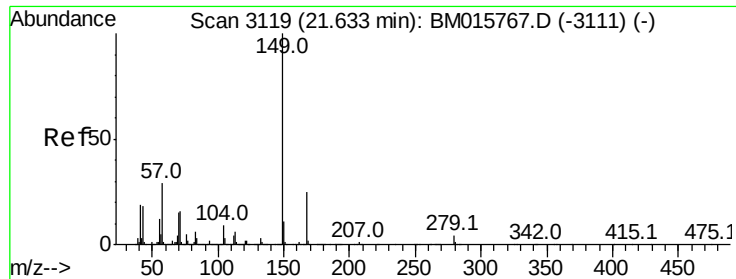
Sohil
 7/10/2018 2:50:00 PM



#82
 Chrysene
 Concen: 50.558 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	30.9	24.1	36.1	
229	19.9	15.5	23.3	





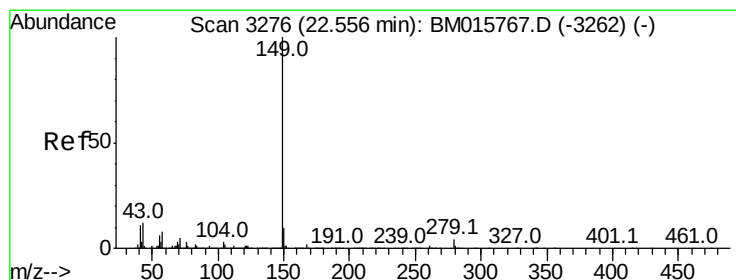
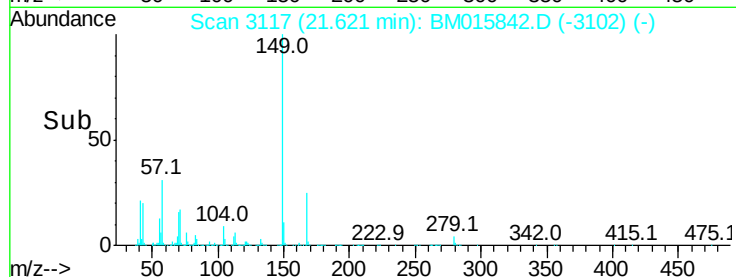
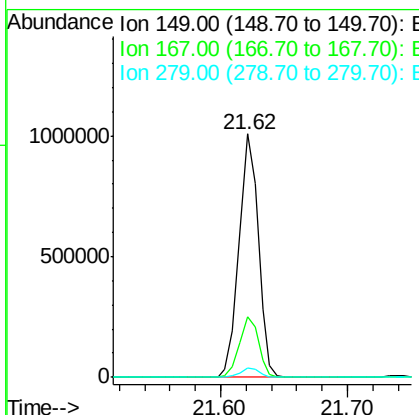
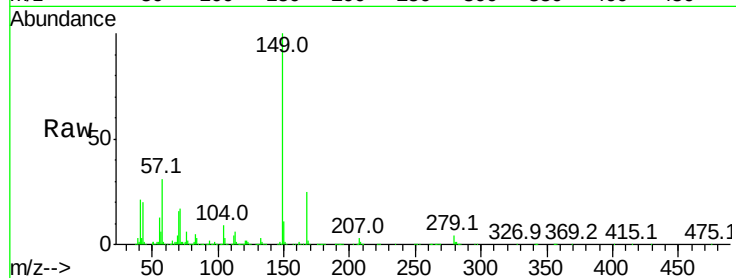
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.309 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion:149 Resp: 1055263
 Ion Ratio Lower Upper
 149 100
 167 24.7 22.4 33.6
 279 3.7 3.4 5.0

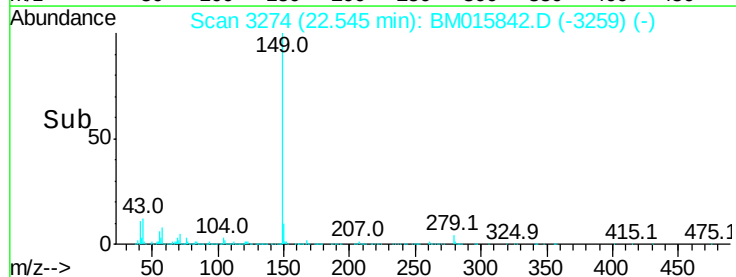
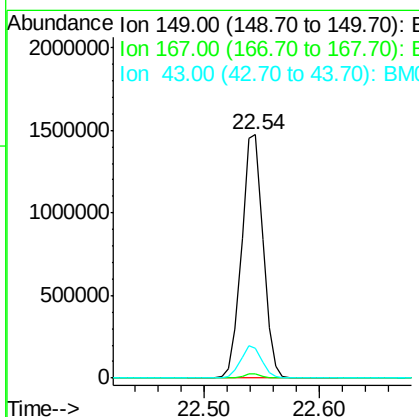
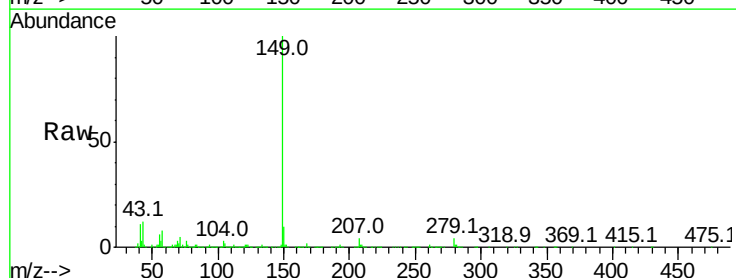
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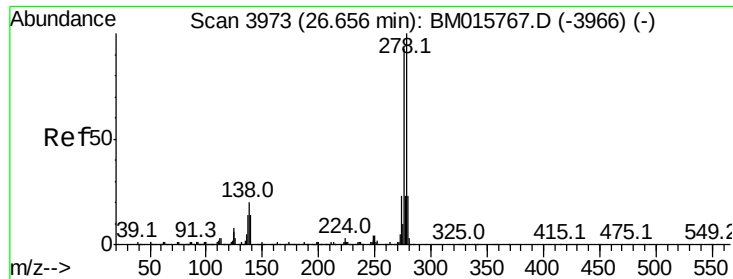
Sohil
 7/10/2018 2:50:00 PM



#84
 Di-n-octyl phthalate
 Concen: 54.206 ng
 RT: 22.54 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BM015842.D
 Acq: 09 Jul 2018 14:30

Tgt Ion:149 Resp: 1891582
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 13.3 7.3 10.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 71.778 ng

RT: 26.64 min Scan# 3970

Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tot Ion:276 Resp: 1894628

Ion Ratio Lower Upper

276 100

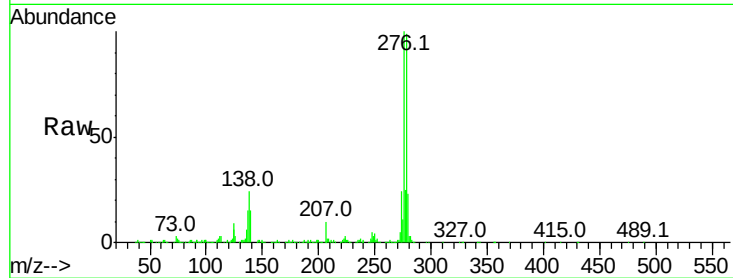
138 22.6 12.0 18.0#

277 25.3 20.0 30.0

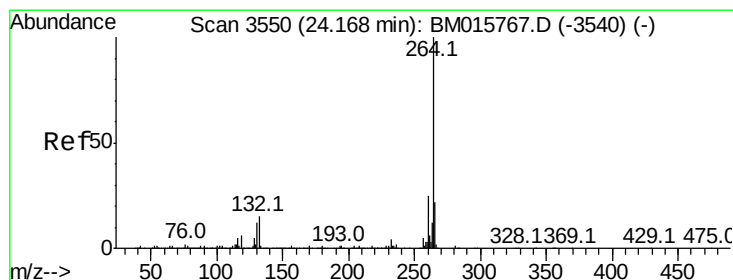
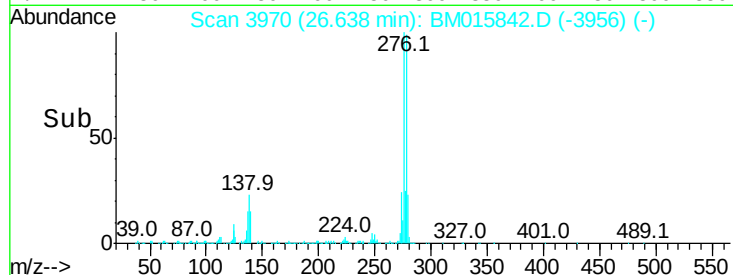
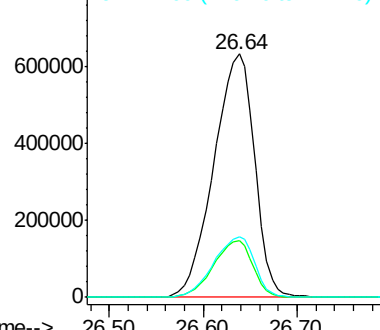
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.16 min Scan# 3548

Delta R.T. -0.01 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

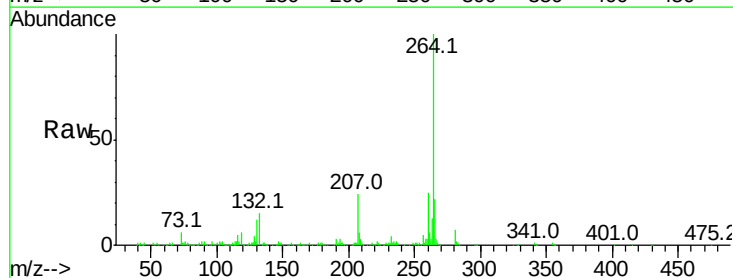
Tgt Ion:264 Resp: 488506

Ion Ratio Lower Upper

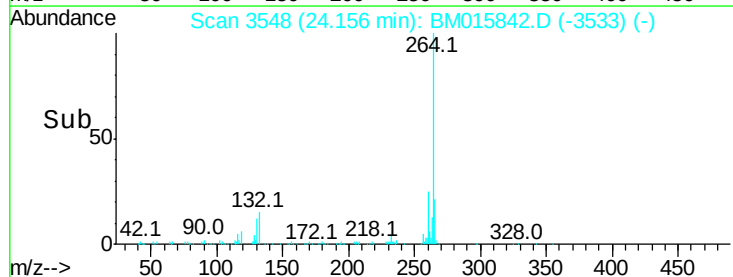
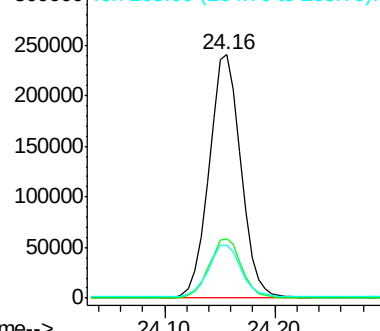
264 100

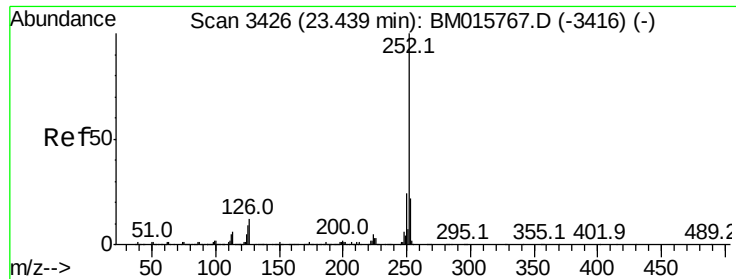
260 24.5 18.6 27.8

265 21.8 17.3 25.9



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





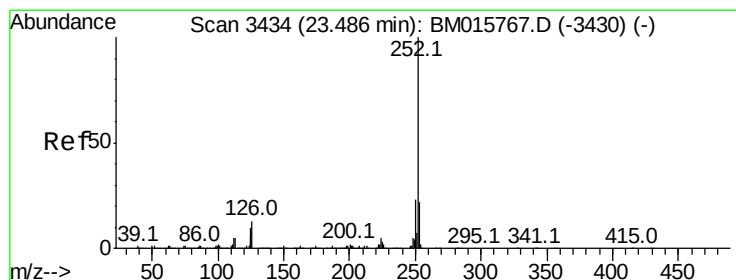
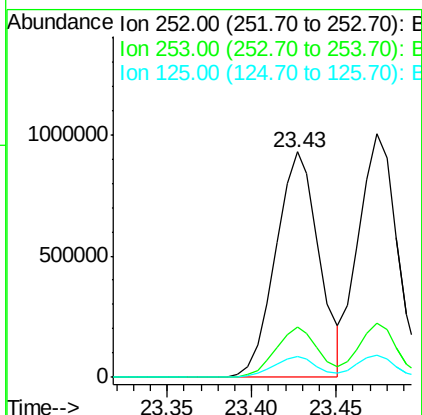
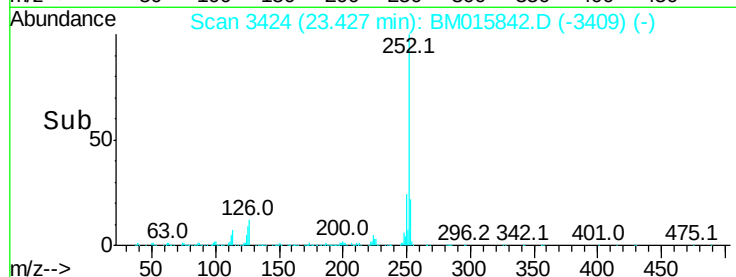
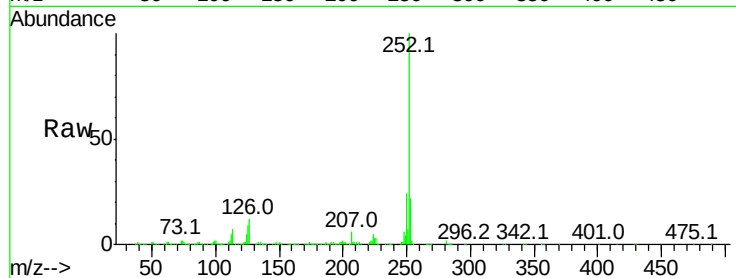
#87
Benzo(b)fluoranthene
Concen: 50.785 ng
RT: 23.43 min Scan# 3424
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.1	9.9	14.9

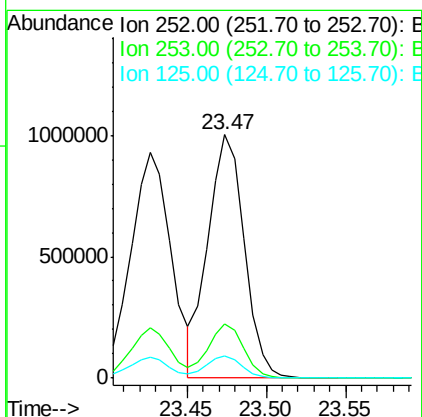
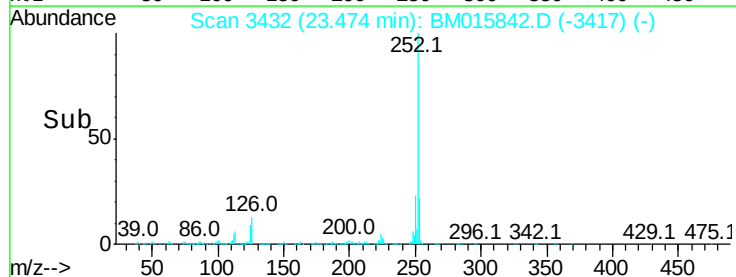
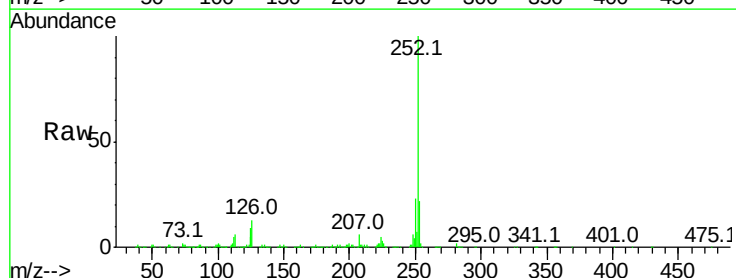
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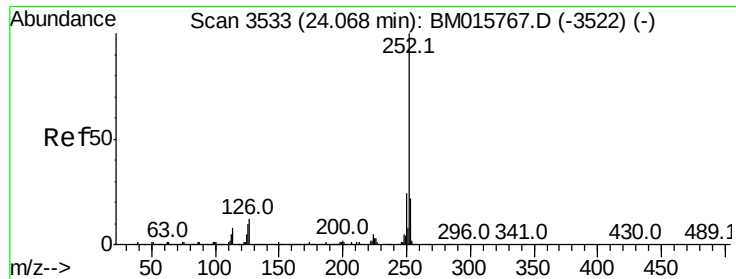
Sohil
7/10/2018 2:50:00 PM



#88
Benzo(k)fluoranthene
Concen: 50.324 ng
RT: 23.47 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	9.1	8.1	12.1





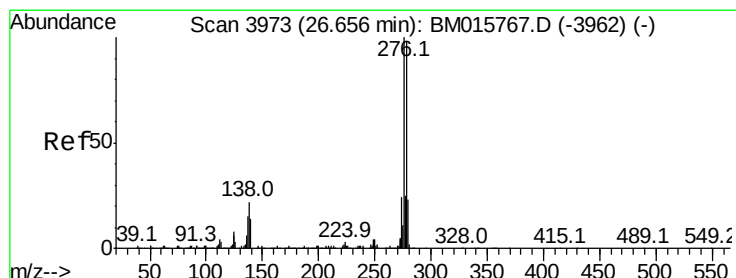
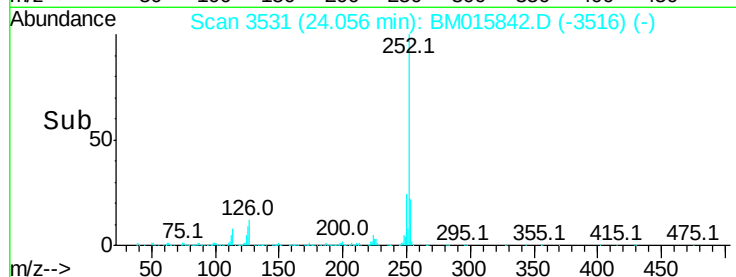
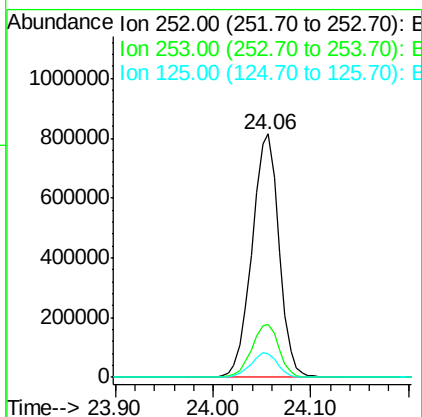
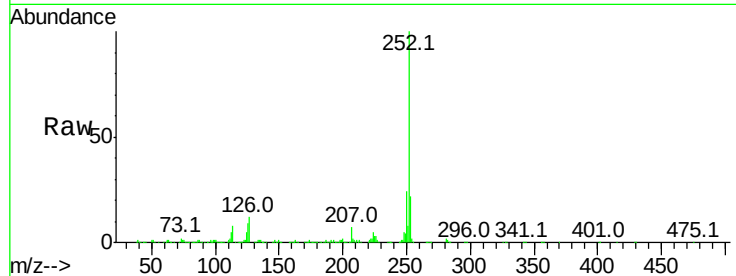
#89
Benzo(a)pyrene
Concen: 54.981 ng
RT: 24.06 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.5	7.4	11.2

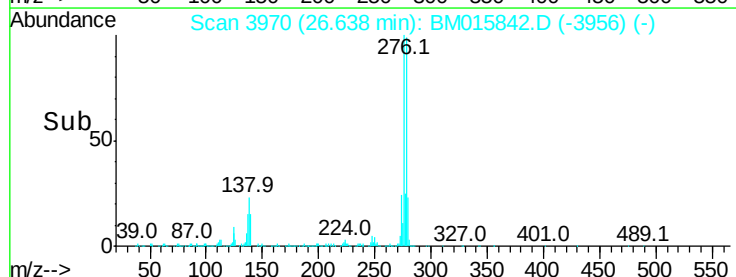
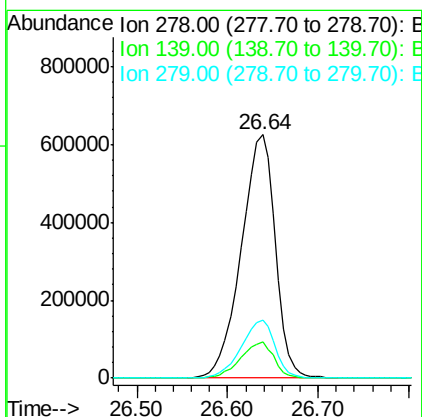
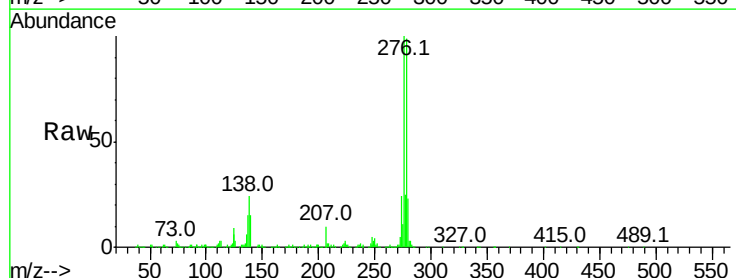
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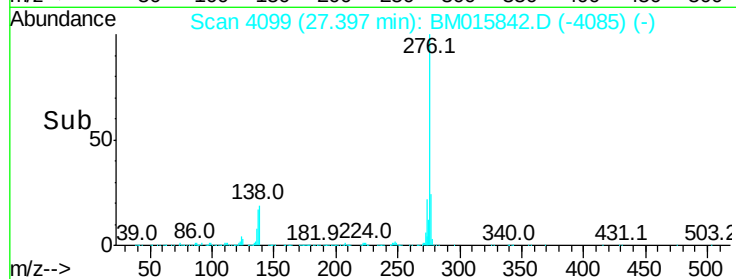
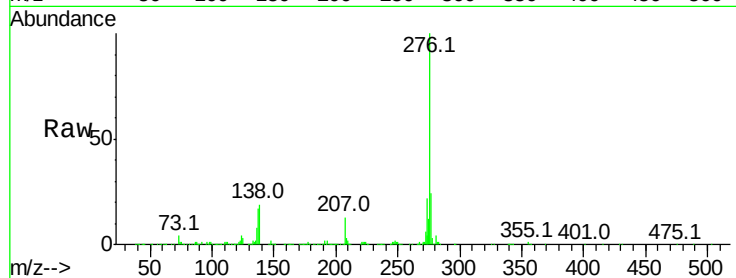
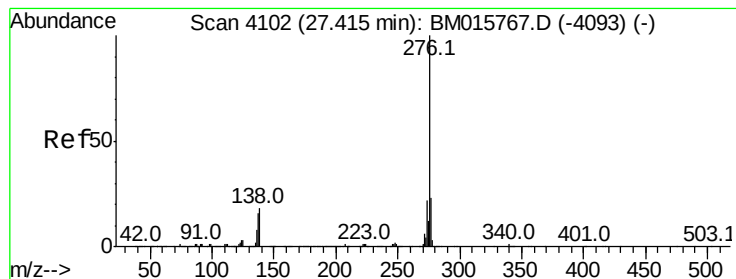
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 62.839 ng
RT: 26.64 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM015842.D
Acq: 09 Jul 2018 14:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.4	20.0
279	23.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 65.548 ng

RT: 27.40 min Scan# 4099

Delta R.T. -0.02 min

Lab File: BM015842.D

Acq: 09 Jul 2018 14:30

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tot Ion:276 Resp: 1487691

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 18.7 19.0 28.6#

Manual Integrations
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