

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
 Data File : BM015806.D
 Acq On : 06 Jul 2018 17:40
 Operator : SJ/JU
 Sample : PB110790BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Manual Integrations
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Sohil
 7/9/2018 1:55:43 PM

Quant Time: Jul 07 01:53:07 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	133360	20.00	ng	-0.01
21) Naphthalene-d8	11.14	136	515086	20.00	ng	0.00
38) Acenaphthene-d10	14.93	164	257626	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	472120	20.00	ng	0.00
75) Chrysene-d12	21.76	240	368038	20.00	ng	0.00
86) Perylene-d12	24.16	264	327118	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	813406	104.60	ng	0.00
7) Phenol-d6	7.46	99	1043040	97.98	ng	0.00
23) Nitrobenzene-d5	9.50	82	1099888	104.19	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	318162	94.52	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2270721	109.43	ng	0.00
78) Terphenyl-d14	20.22	244	2251284	113.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	120045	37.327	ng	# 100
3) Pyridine	4.01	79	322216	37.967	ng	# 78
4) n-Nitrosodimethylamine	3.92	42	291919	44.176	ng	# 44
6) Aniline	7.63	93	399774	30.974	ng	91
8) 2-Chlorophenol	7.87	128	457257	48.994	ng	96
9) Benzaldehyde	7.44	77	231756	34.540	ng	93
10) Phenol	7.49	94	520603	48.668	ng	90
11) bis(2-Chloroethyl)ether	7.72	93	378790	43.531	ng	89
12) 1,3-Dichlorobenzene	8.19	146	470187	45.439	ng	# 92
13) 1,4-Dichlorobenzene	8.34	146	481006	44.952	ng	95
14) 1,2-Dichlorobenzene	8.66	146	468798	45.301	ng	# 95
15) Benzyl Alcohol	8.56	79	406010	43.930	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.84	45	592156	62.311	ng	99
17) 2-Methylphenol	8.76	107	358285	48.346	ng	# 87
18) Hexachloroethane	9.39	117	194697	46.016	ng	95
19) n-Nitroso-di-n-propylamine	9.13	70	343132	40.106	ng	# 79
20) 3+4-Methylphenols	9.09	107	473894	46.036	ng	91
22) Acetophenone	9.15	105	649434	48.400	ng	# 89
24) Nitrobenzene	9.54	77	526386	51.223	ng	98
25) Isophorone	10.06	82	861935	53.492	ng	94
26) 2-Nitrophenol	10.25	139	233874	52.852	ng	# 66
27) 2,4-Dimethylphenol	10.30	122	390526	58.094	ng	86
28) bis(2-Chloroethoxy)methane	10.53	93	512226	48.794	ng	97
29) 2,4-Dichlorophenol	10.79	162	404218	54.292	ng	97
30) 1,2,4-Trichlorobenzene	10.99	180	439721	50.849	ng	97
31) Naphthalene	11.19	128	1317420	49.332	ng	99
32) Benzoic acid	10.49	122	253852m	42.652	ng	
33) 4-Chloroaniline	11.30	127	189792	17.431	ng	# 86
34) Hexachlorobutadiene	11.45	225	285332	49.441	ng	98
35) Caprolactam	12.12	113	101260m	41.010	ng	
36) 4-Chloro-3-methylphenol	12.41	107	417768	48.903	ng	89
37) 2-Methylnaphthalene	12.77	142	960713	50.572	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	474276	57.359	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	557292	136.727	ng	98

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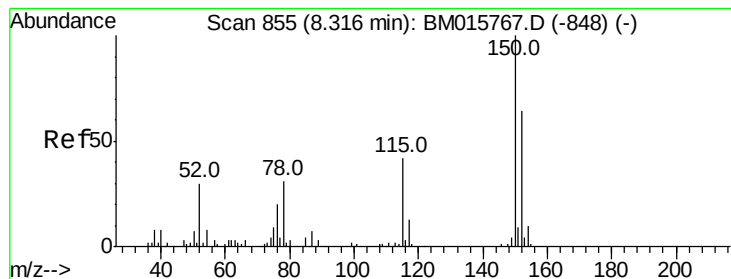
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	294101	56.268	nq	99
43) 2,4,5-Trichlorophenol	13.45	196	305407	54.091	nq	# 86
45) 1,1'-Biphenyl	13.77	154	1181736	53.054	nq	99
46) 2-Chloronaphthalene	13.82	162	909888	54.635	nq	# 93
47) 2-Nitroaniline	14.03	65	280332	48.269	nq	# 80
48) Acenaphthylene	14.66	152	1423284	52.535	nq	99
49) Dimethylphthalate	14.38	163	1071311	47.151	nq	99
50) 2,6-Dinitrotoluene	14.52	165	223436	50.436	nq	# 75
51) Acenaphthene	14.99	154	817927	48.518	nq	99
52) 3-Nitroaniline	14.84	138	117274	24.186	nq	# 76
53) 2,4-Dinitrophenol	15.06	184	205093	91.419	nq	# 89
54) Dibenzofuran	15.32	168	1286610	49.529	nq	# 87
55) 4-Nitrophenol	15.14	139	326616	91.269	nq	# 72
56) 2,4-Dinitrotoluene	15.30	165	296971	46.432	nq	93
57) Fluorene	15.97	166	1018604	47.550	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.54	232	248214	52.097	nq	# 100
59) Diethylphthalate	15.72	149	1076303	44.205	nq	96
60) 4-Chlorophenyl-phenylether	15.95	204	515899	46.803	nq	91
61) 4-Nitroaniline	16.00	138	208441	41.437	nq	# 39
62) Azobenzene	16.24	77	1138597	49.887	nq	83
64) 4,6-Dinitro-2-methylphenol	16.06	198	137992	48.079	nq	89
65) n-Nitrosodiphenylamine	16.17	169	840011	51.925	nq	98
66) 4-Bromophenyl-phenylether	16.84	248	294777	55.921	nq	# 85
67) Hexachlorobenzene	16.96	284	319449	54.232	nq	# 81
68) Atrazine	17.10	200	278234	52.288	nq	99
69) Pentachlorophenol	17.30	266	318479	87.377	nq	98
70) Phenanthrene	17.70	178	1371120	50.763	nq	100
71) Anthracene	17.79	178	1383581	52.160	nq	99
72) Carbazole	18.06	167	1157240	46.818	nq	99
73) Di-n-butylphthalate	18.57	149	1522252	45.691	nq	# 98
74) Fluoranthene	19.67	202	1332915	42.926	nq	99
76) Benzidine	19.85	184	440898	40.888	nq	98
77) Pyrene	20.03	202	1318354	57.505	nq	99
79) Butylbenzylphthalate	20.88	149	582089	52.525	nq	# 84
80) Benzo(a)anthracene	21.74	228	1178553	50.507	nq	100
81) 3,3'-Dichlorobenzidine	21.67	252	244546	29.168	nq	99
82) Chrysene	21.80	228	1093887	50.323	nq	99
83) Bis(2-ethylhexyl)phthalate	21.63	149	803415	49.065	nq	95
84) Di-n-octyl phthalate	22.55	149	1262120	47.271	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.64	276	1269622	62.866	nq	# 93
87) Benzo(b)fluoranthene	23.43	252	1104761	50.585	nq	# 96
88) Benzo(k)fluoranthene	23.48	252	1050318	49.507	nq	98
89) Benzo(a)pyrene	24.06	252	1030292	53.591	nq	99
90) Dibenzo(a,h)anthracene	26.64	278	1084521	62.699	nq	97
91) Benzo(g,h,i)perylene	27.40	276	1034840	68.090	nq	# 94

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



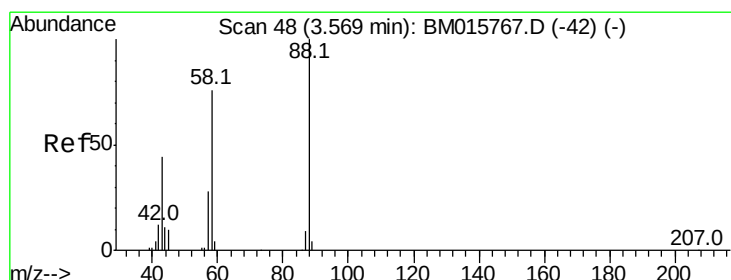
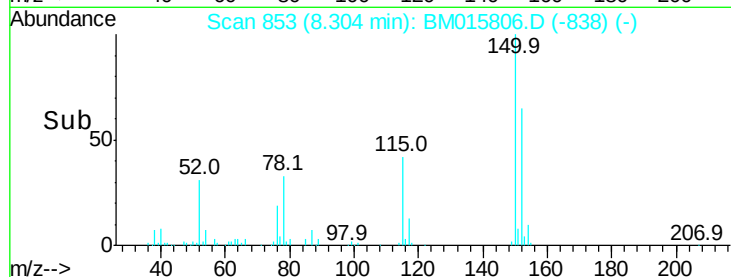
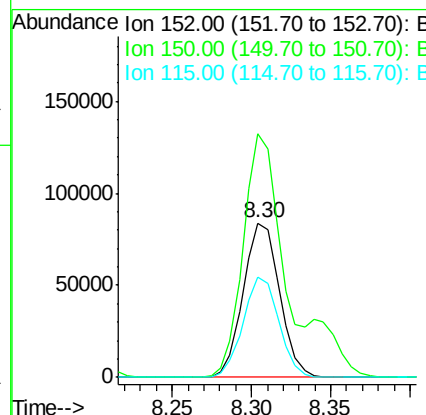
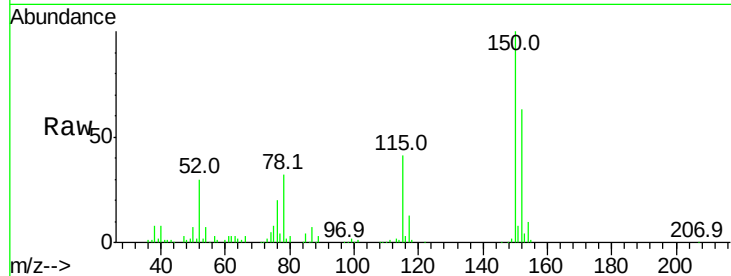
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	119.5	179.3
115	65.0	43.0	64.4#

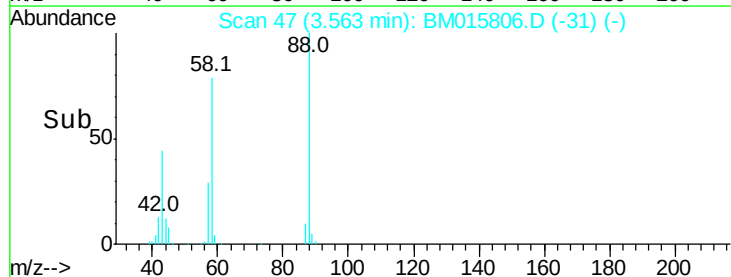
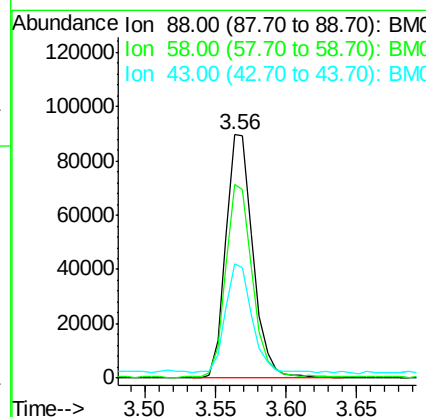
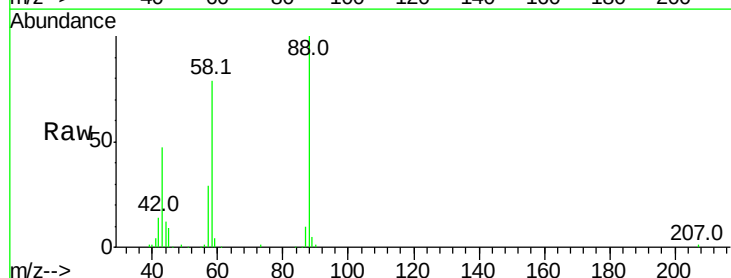
Manual Integrations
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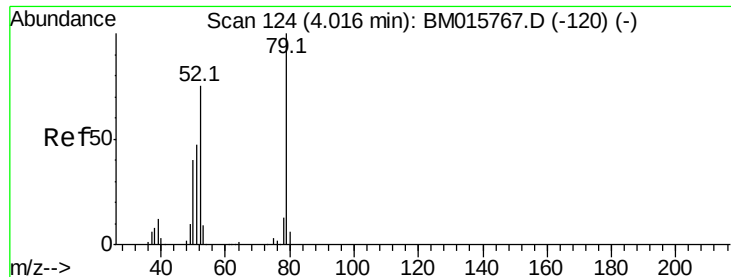
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#2
 1,4-Dioxane
 Concen: 37.327 ng
 RT: 3.56 min Scan# 47
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	0.0	0.0#
43	43.7	0.0	0.0#





#3

Pvridine

Concen: 37.967 ng

RT: 4.01 min Scan# 123

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

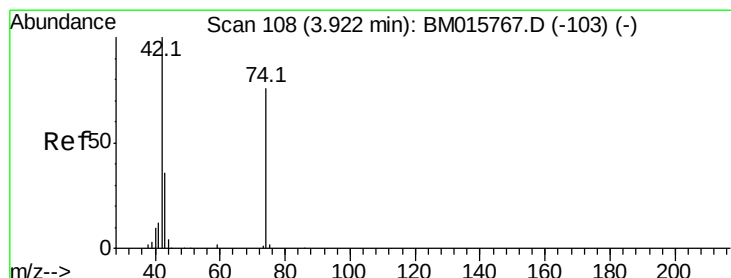
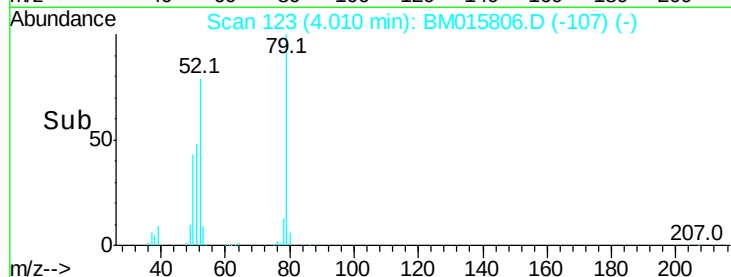
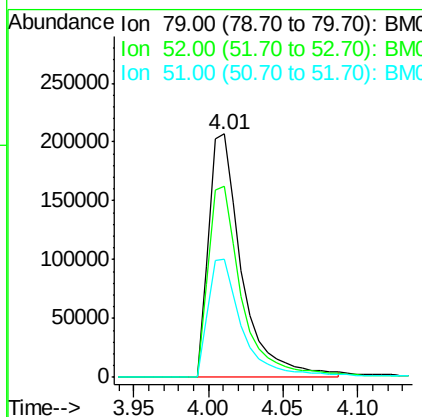
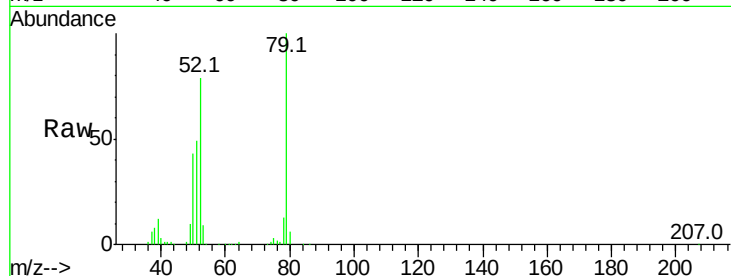
ClientSampled :

PB110790BSD

Tot Ion:	79	Resp:	322216
Ion Ratio	Lower	Upper	
79	100		
52	78.8	51.1	76.7#
51	48.6	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 44.176 ng

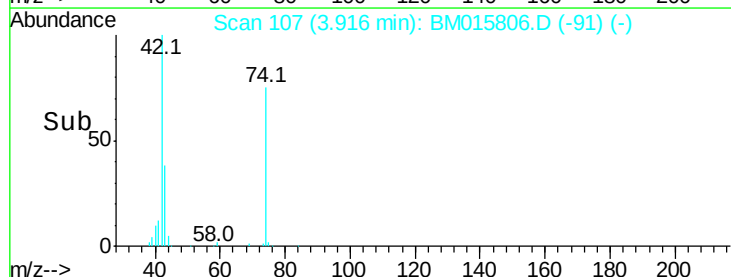
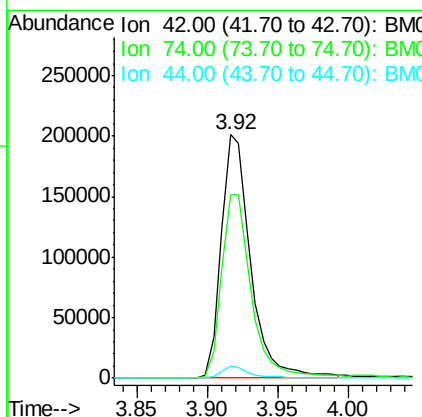
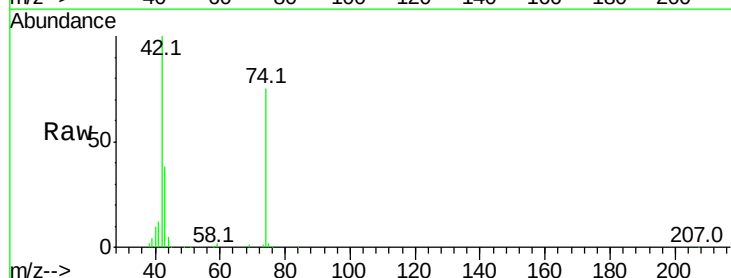
RT: 3.92 min Scan# 107

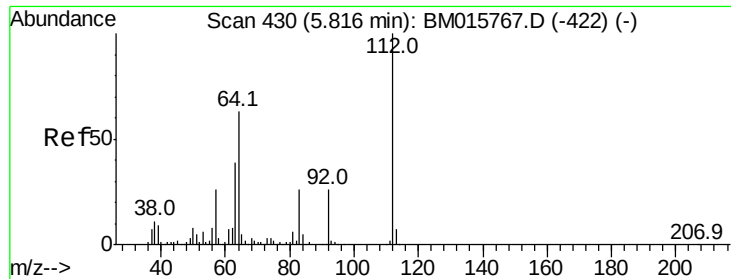
Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Tgt Ion:	42	Resp:	291919
Ion Ratio	Lower	Upper	
42	100		
74	75.5	119.3	178.9#
44	4.7	5.4	8.2#





#5

2-Fluorophenol

Concen: 44.176 ng

RT: 5.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

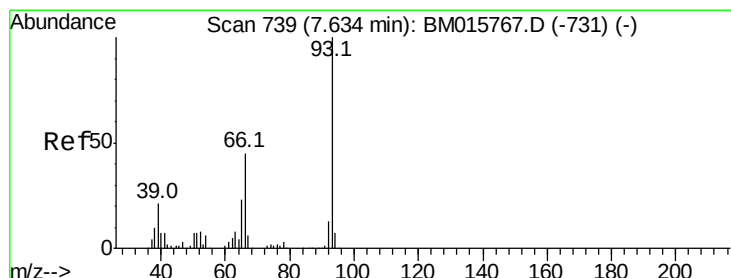
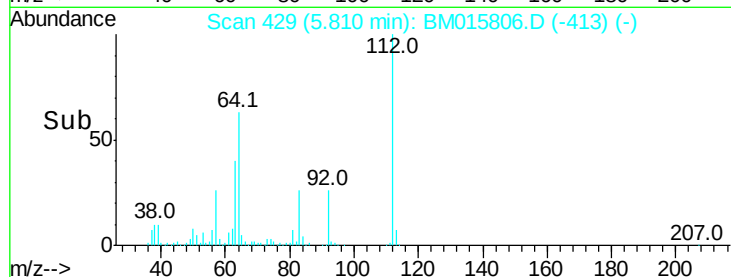
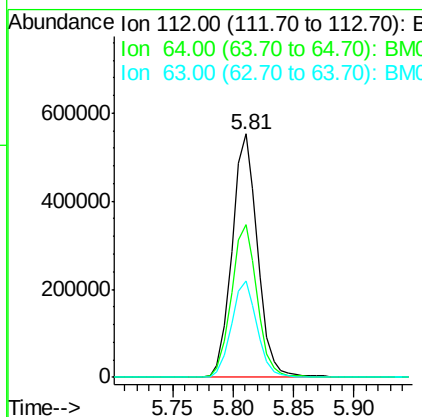
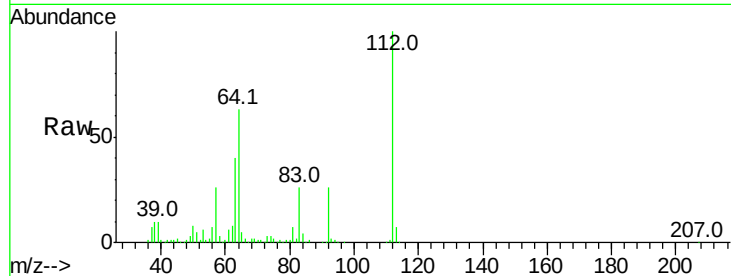
ClientSampleId :

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Tot Ion:	112	Resp:	813406
Ion Ratio	Lower	Upper	
112	100		
64	62.7	38.6	57.8#
63	39.6	19.3	28.9#

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#6

Aniline

Concen: 30.974 ng

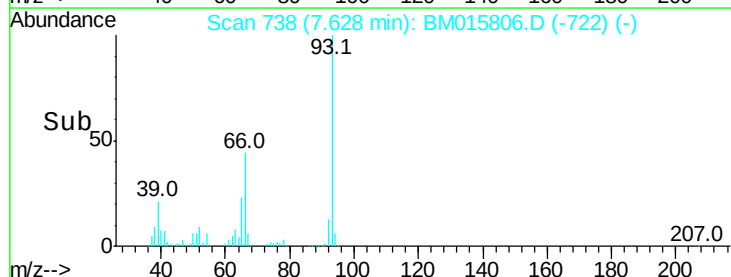
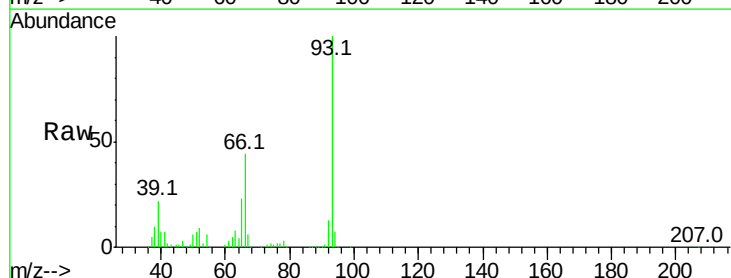
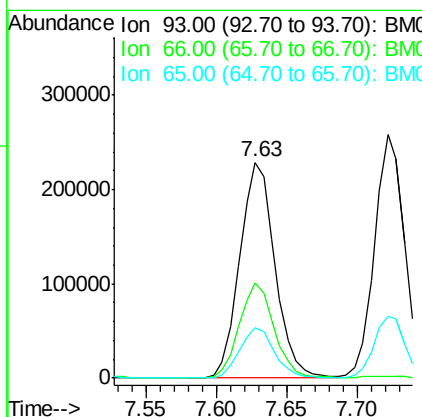
RT: 7.63 min Scan# 738

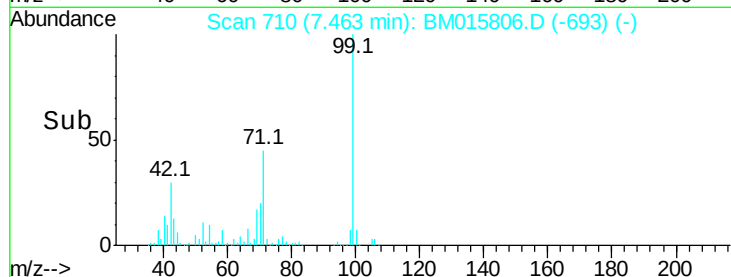
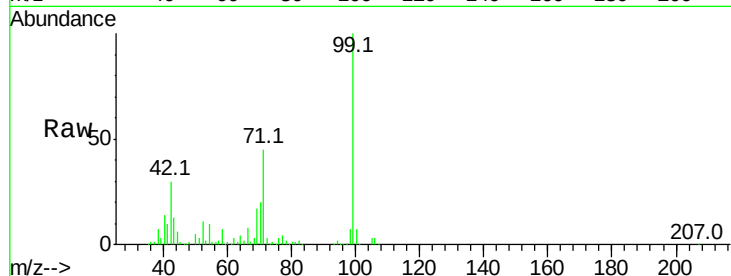
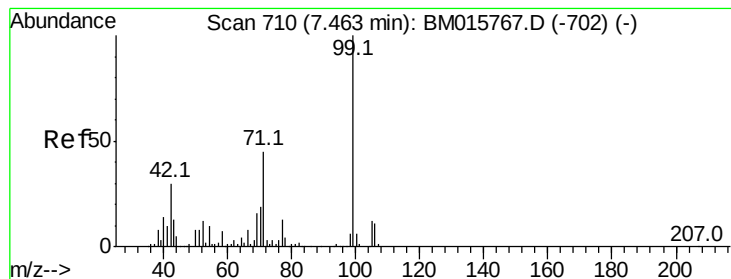
Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Tgt Ion:	93	Resp:	399774
Ion Ratio	Lower	Upper	
93	100		
66	44.2	30.8	46.2
65	23.5	16.0	24.0





#7

Phenol-d6

Concen: 30.974 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Tot Ion: 99 Resp: 1043040

Ion Ratio Lower Upper

99 100

42 30.4 11.0 16.4#

71 45.2 23.4 35.2#

Instrument :

BNA_M

ClientSampleId :

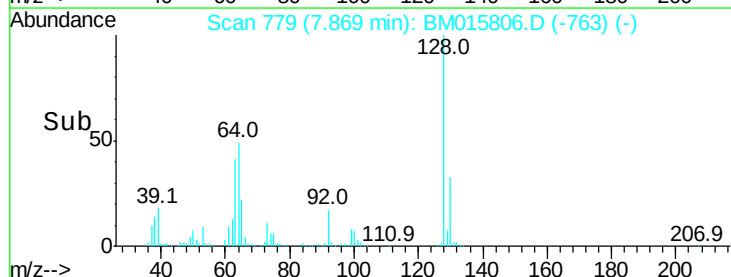
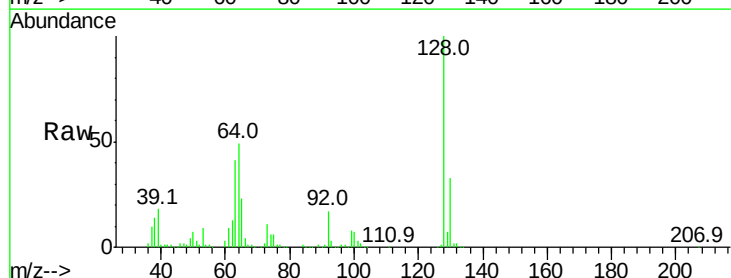
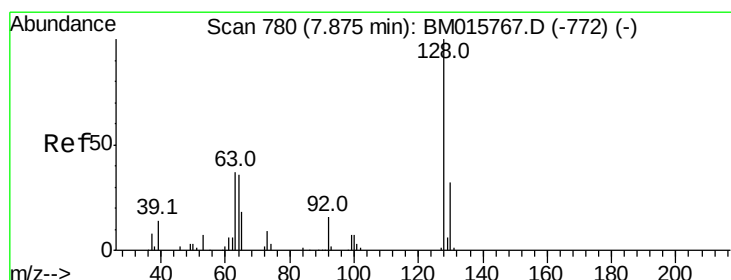
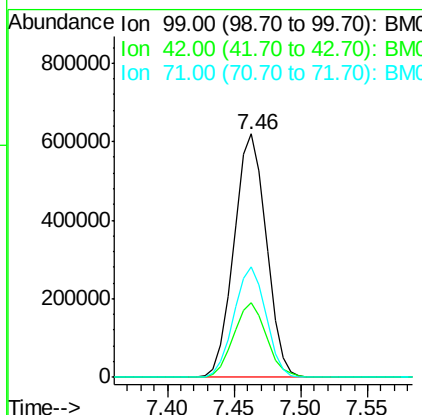
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#8

2-Chlorophenol

Concen: 48.994 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

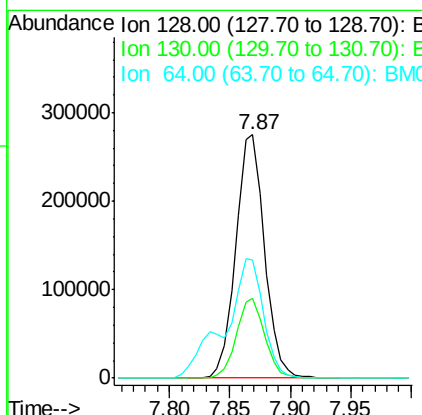
Tgt Ion: 128 Resp: 457257

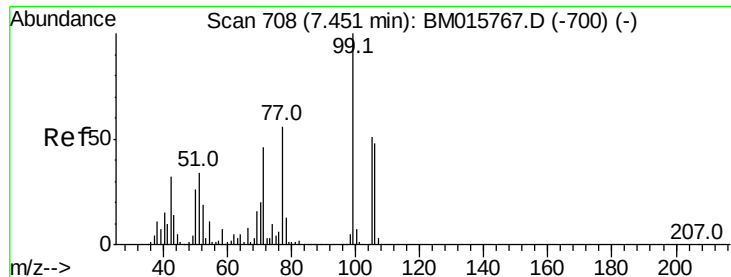
Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

64 48.7 24.9 64.9





#9

Benzaldehyde

Concen: 34.540 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

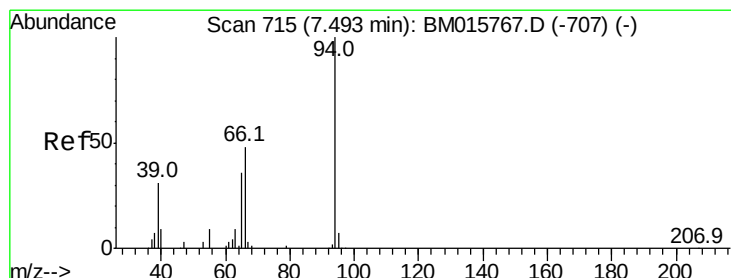
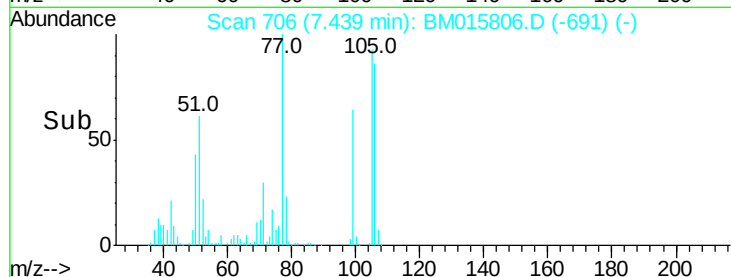
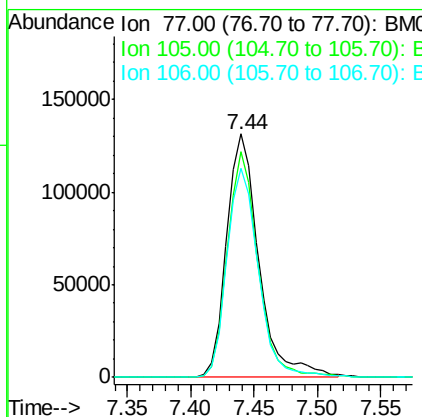
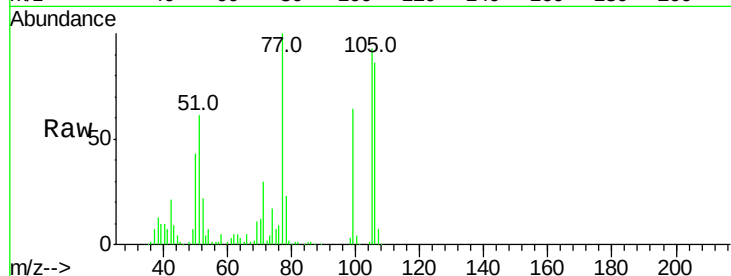
ClientSampleId :

PB110790BSD

Tot Ion:	77	Resp:	231756
Ion Ratio	Lower	Upper	
77	100		
105	92.5	78.8	118.8
106	85.7	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 48.668 ng

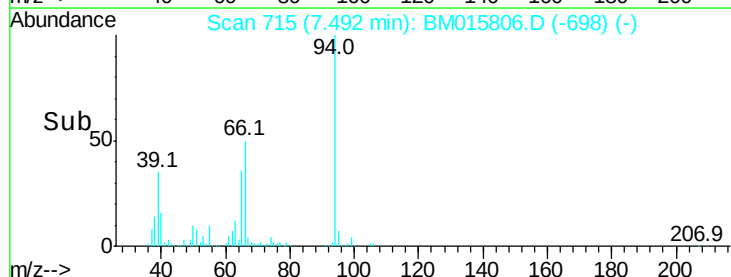
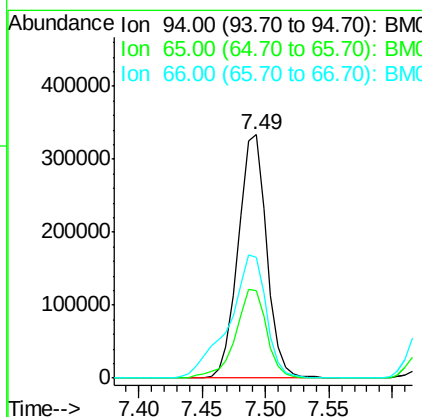
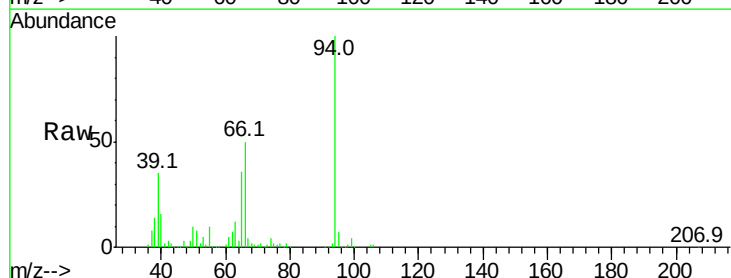
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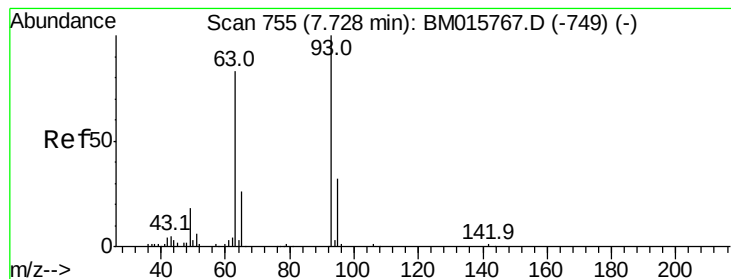
Delta R.T. -0.00 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Tgt Ion:	94	Resp:	520603
Ion Ratio	Lower	Upper	
94	100		
65	36.1	18.8	58.8
66	49.7	39.9	79.9





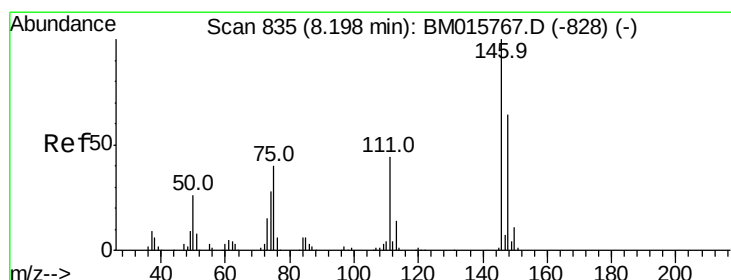
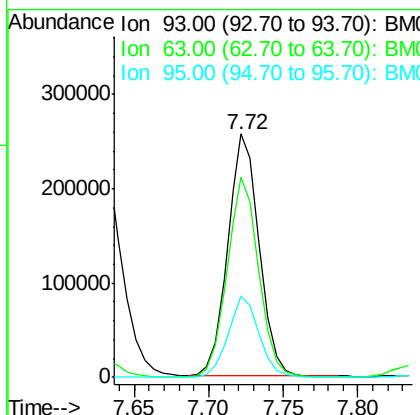
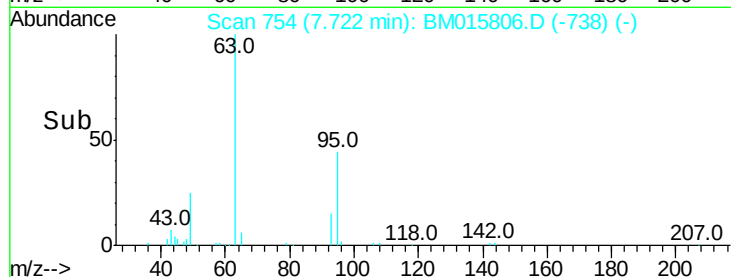
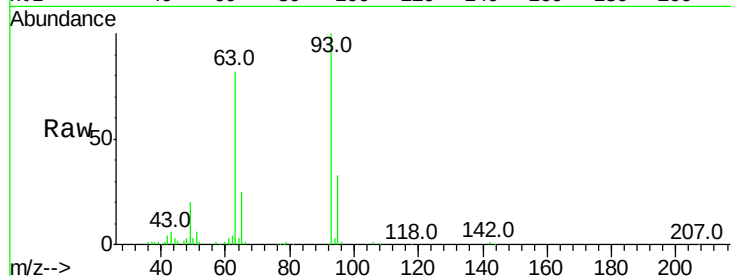
#11
bis(2-Chloroethyl)ether
Concen: 43.531 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion:	93	Resp:	378790
Ion	Ratio	Lower	Upper
93	100		
63	82.2	49.5	89.5
95	33.2	13.5	53.5

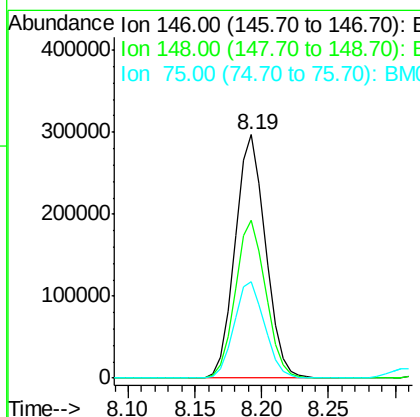
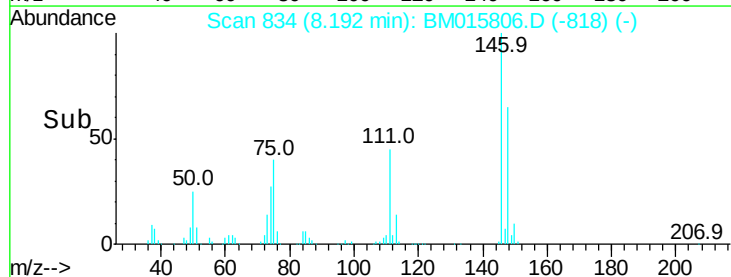
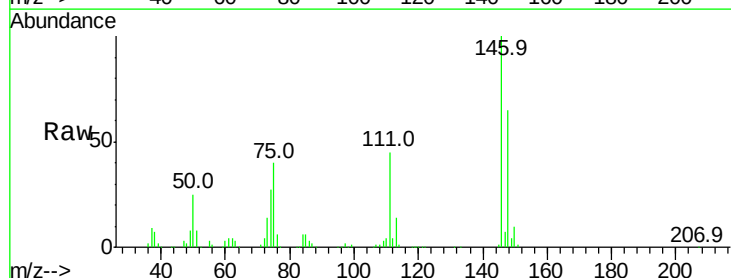
Manual Integrations
APPROVED

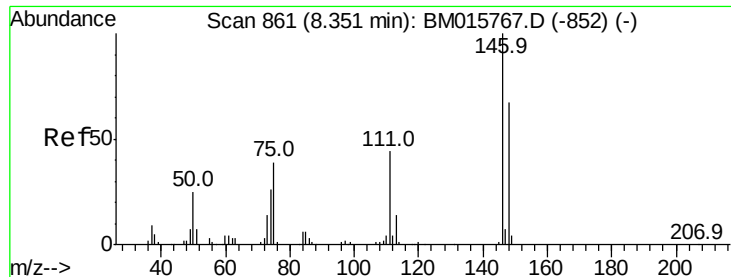
Sohil
7/9/2018 1:55:43 PM



#12
1,3-Dichlorobenzene
Concen: 45.439 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion:	146	Resp:	470187
Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.9	76.3
75	39.7	21.4	32.2





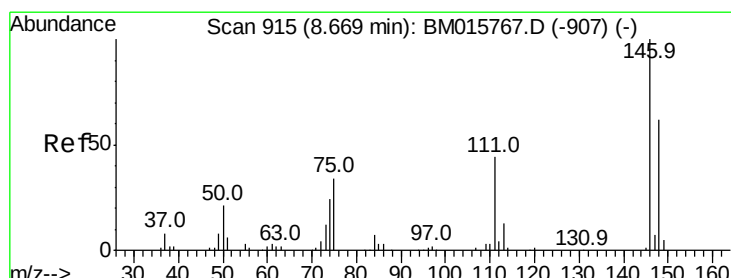
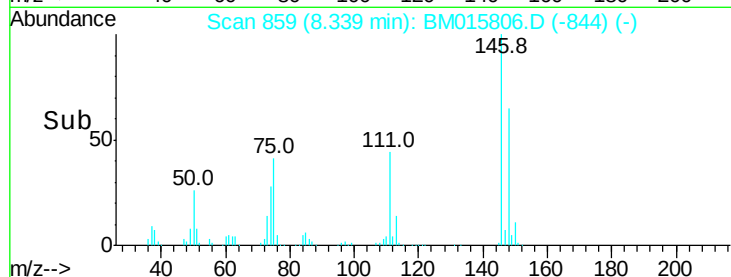
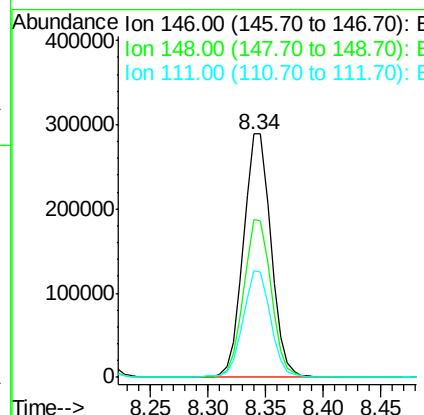
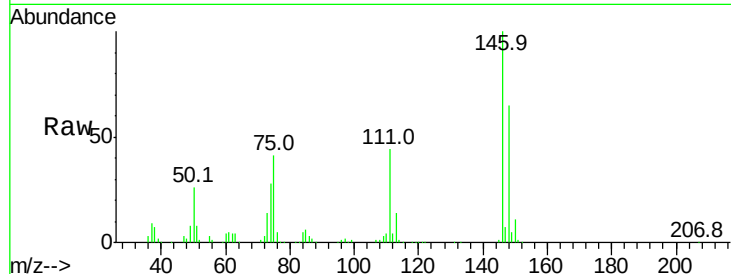
#13
1,4-Dichlorobenzene
Concen: 44.952 ng
RT: 8.34 min Scan# 859
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	481006		
148	64.6	51.9	77.9	
111	43.7	29.2	43.8	

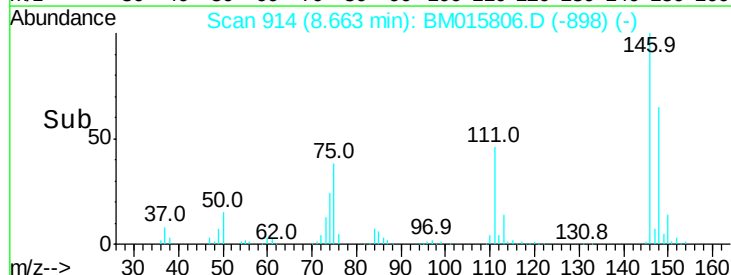
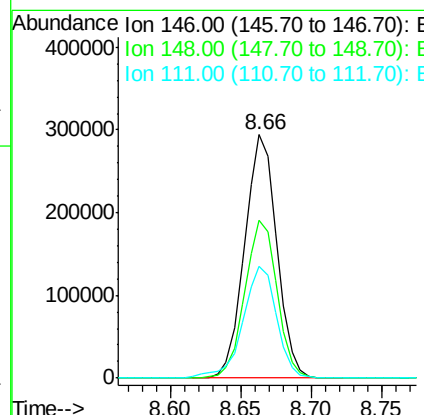
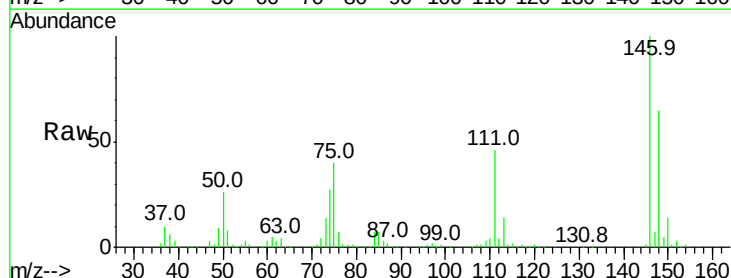
Manual Integrations
APPROVED

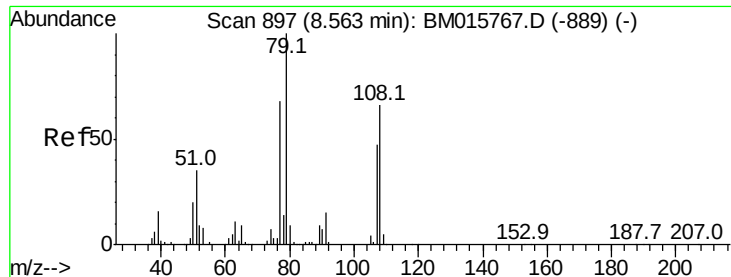
Sohil
7/9/2018 1:55:43 PM



#14
1,2-Dichlorobenzene
Concen: 45.301 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	468798		
148	64.7	52.3	78.5	
111	46.1	30.6	45.8	





#15

Benzyl Alcohol

Concen: 43.930 ng

RT: 8.56 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

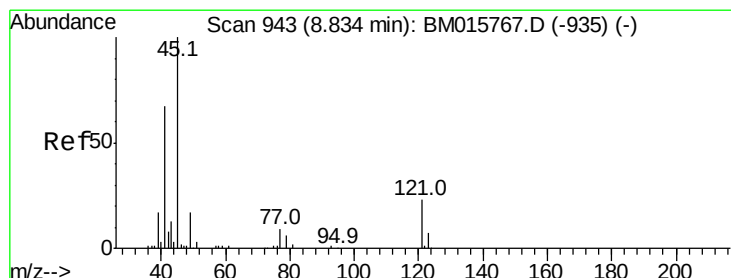
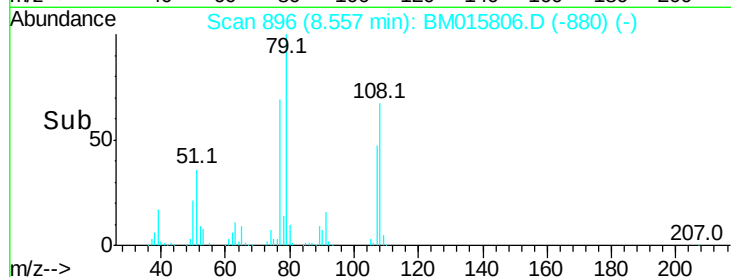
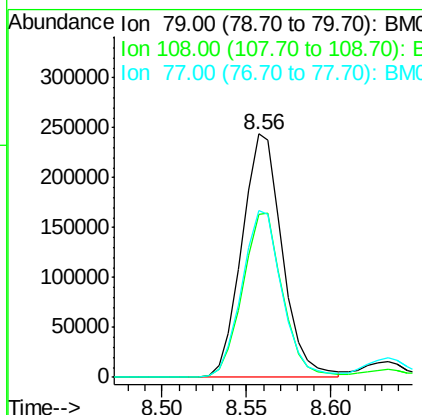
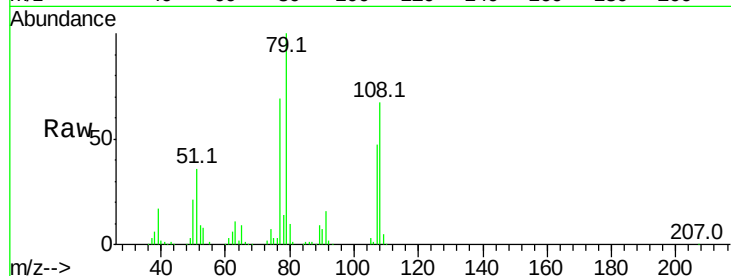
ClientSampleId :

PB110790BSD

Tot Ion:	79	Resp:	406010
Ion Ratio	Lower	Upper	
79	100		
108	66.7	65.0	97.4
77	68.7	53.0	79.6

Manual Integrations
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7/9/2018 1:55:43 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 62.311 ng

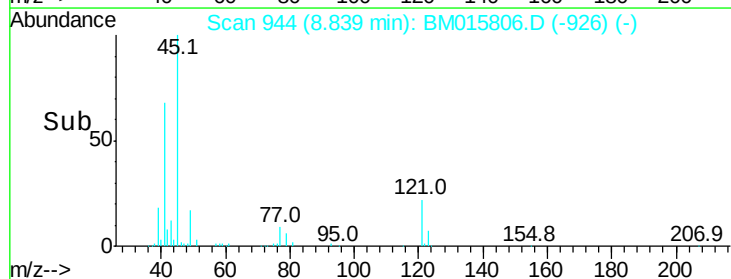
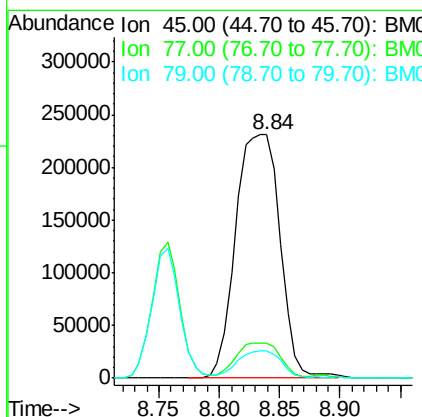
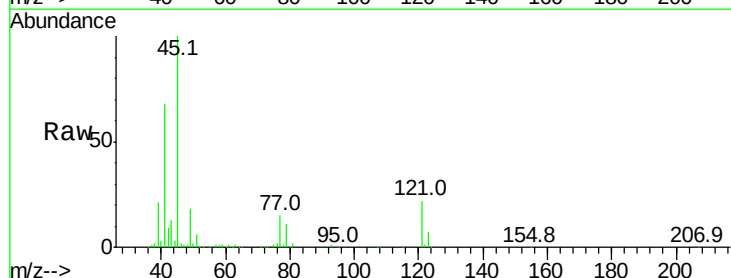
RT: 8.84 min Scan# 944

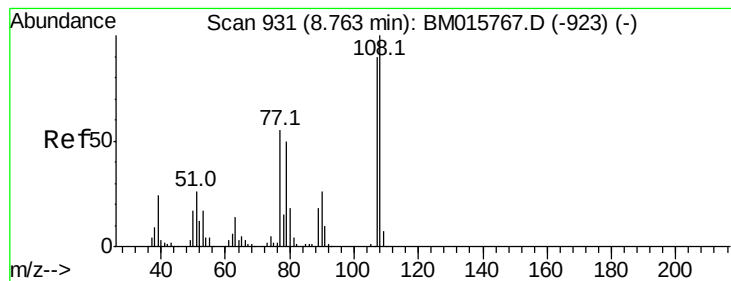
Delta R.T. 0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Tgt Ion:	45	Resp:	592156
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	35.2
79	11.5	0.0	32.0





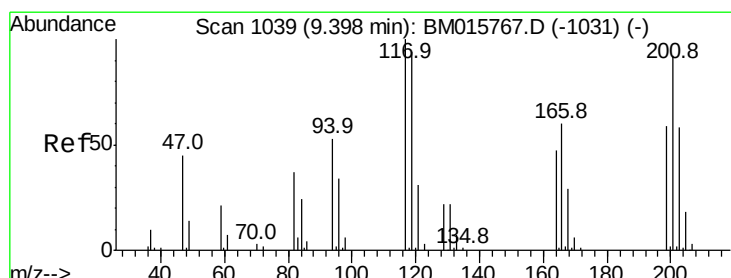
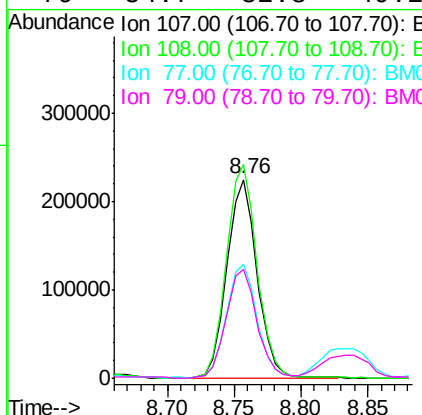
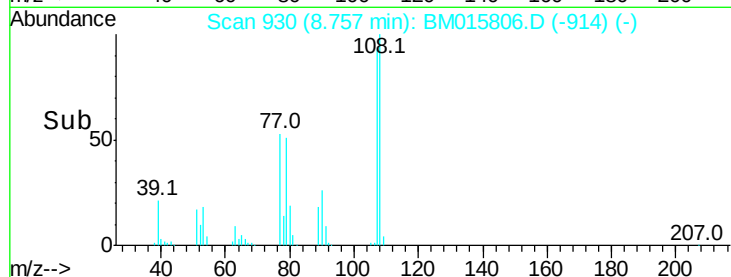
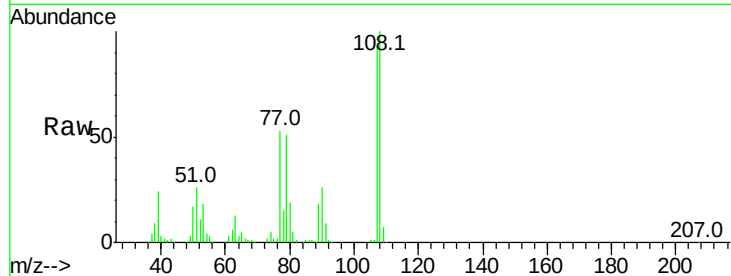
#17
2-Methylphenol
Concen: 48.346 ng
RT: 8.76 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	107.4	89.8	134.8
77	57.1	32.6	48.8#
79	54.7	32.8	49.2#

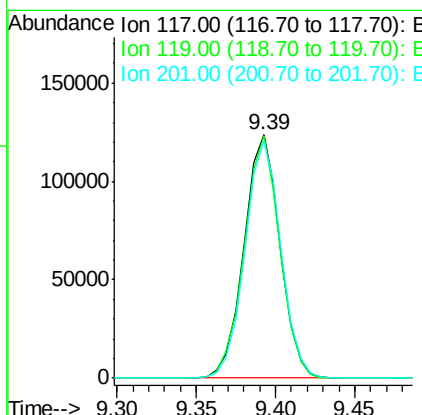
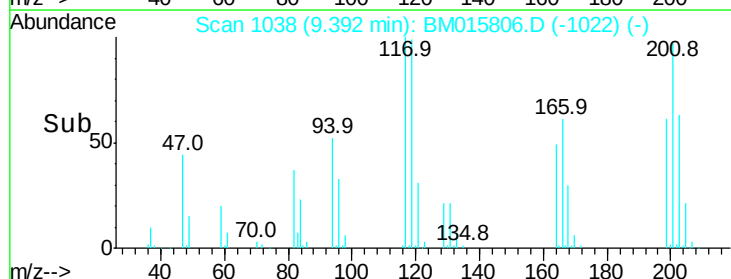
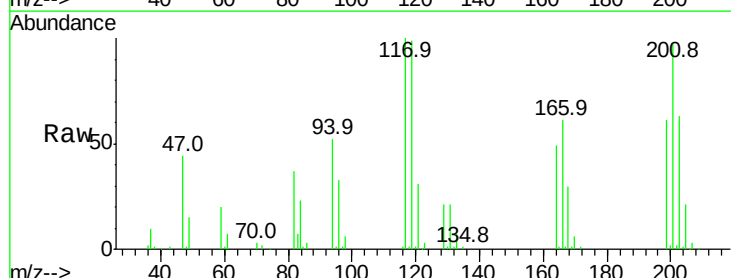
Manual Integrations
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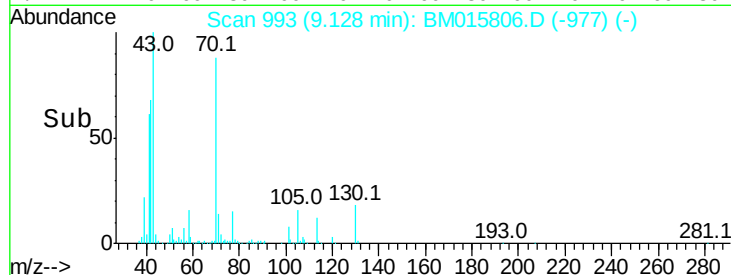
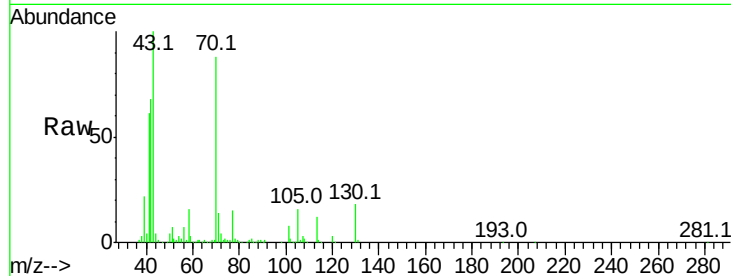
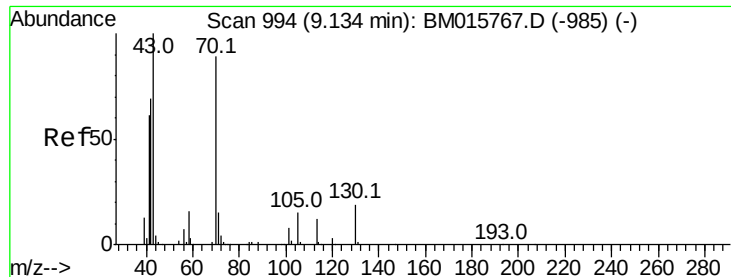
Sohil
7/9/2018 1:55:43 PM



#18
Hexachloroethane
Concen: 46.016 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	99.4	79.2	118.8
201	97.3	69.8	104.6





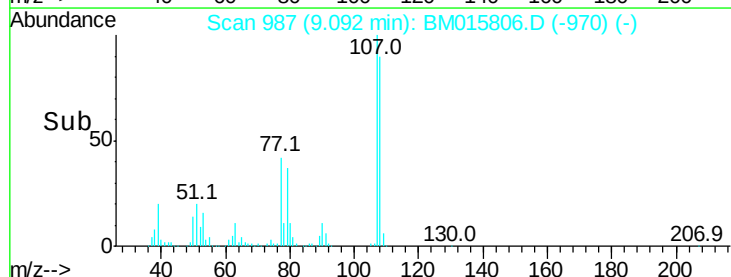
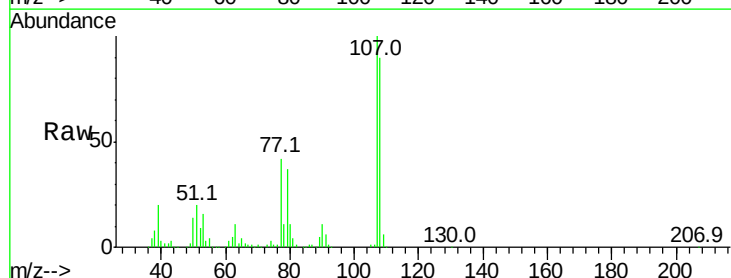
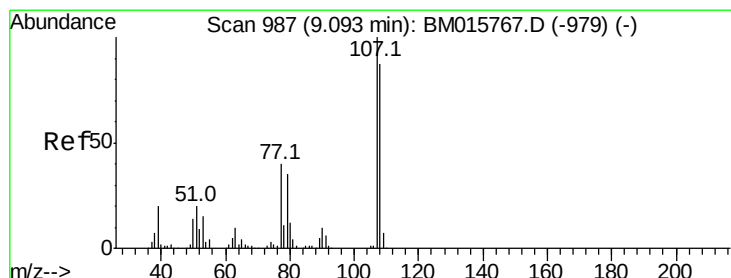
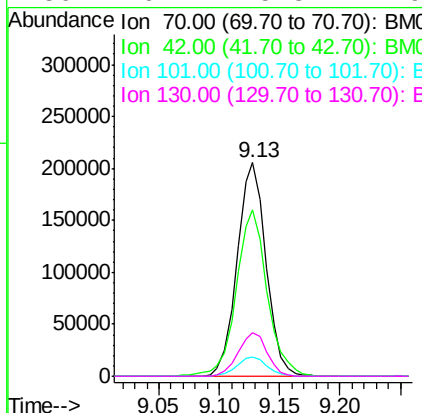
#19
n-Nitroso-di-n-propylamine
Concen: 40.106 ng
RT: 9.13 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	78.0	44.5	66.7#	
101	9.2	7.4	11.2	
130	20.2	15.3	22.9	

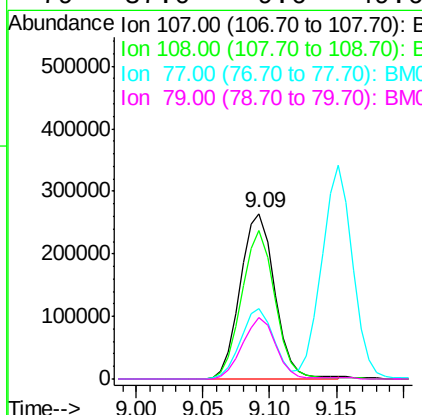
Manual Integrations
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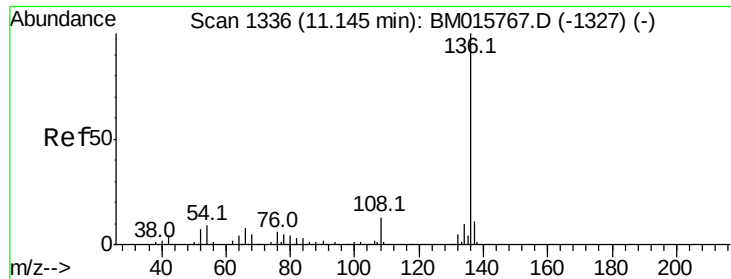
Sohil
7/9/2018 1:55:43 PM



#20
3+4-Methylphenols
Concen: 46.036 ng
RT: 9.09 min Scan# 987
Delta R.T. -0.00 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.9	73.2	113.2	
77	42.3	10.7	50.7	
79	37.0	9.6	49.6	





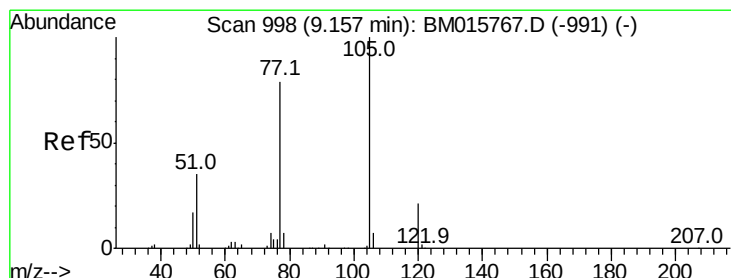
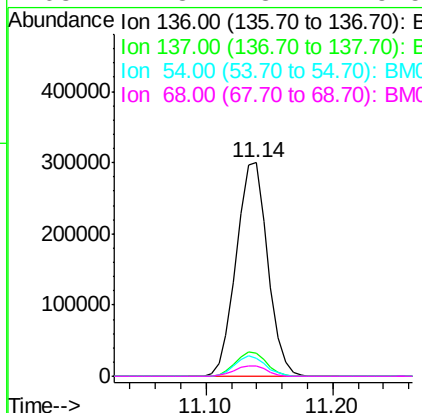
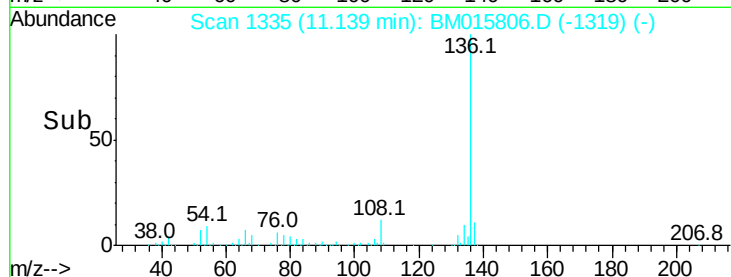
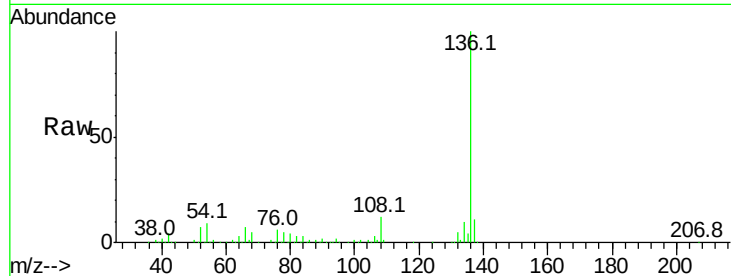
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.14 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.7	13.1	
54	8.5	4.6	6.8#	
68	4.8	3.7	5.5	

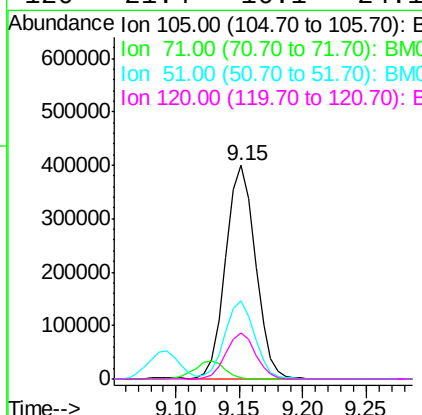
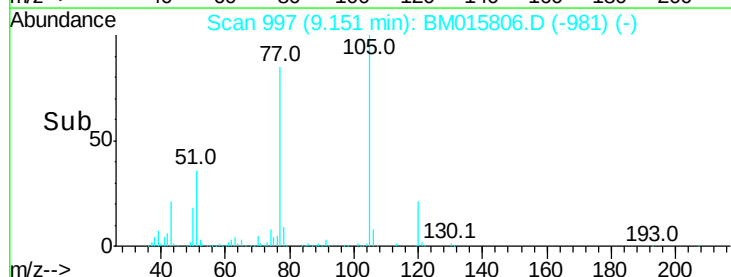
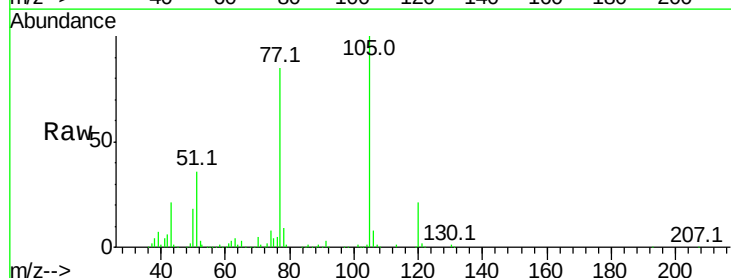
Manual Integrations
APPROVED

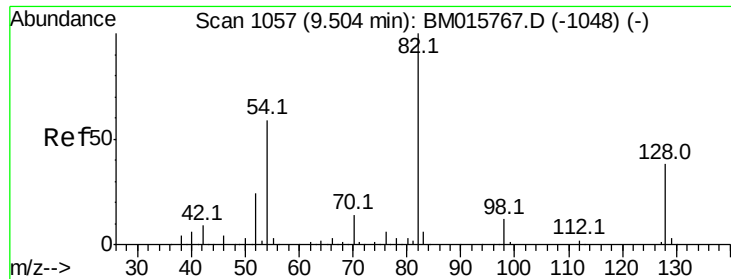
Sohil
7/9/2018 1:55:43 PM



#22
Acetophenone
Concen: 48.400 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.8	0.6	1.0	
51	36.3	21.6	32.4#	
120	21.4	16.1	24.1	





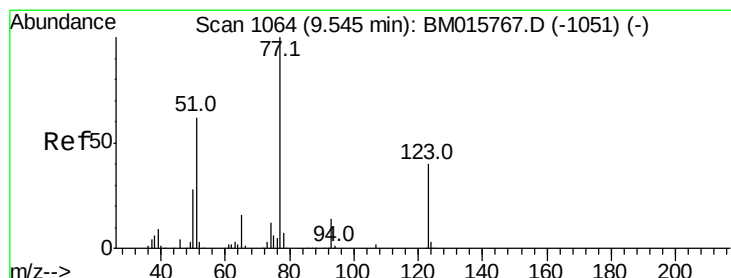
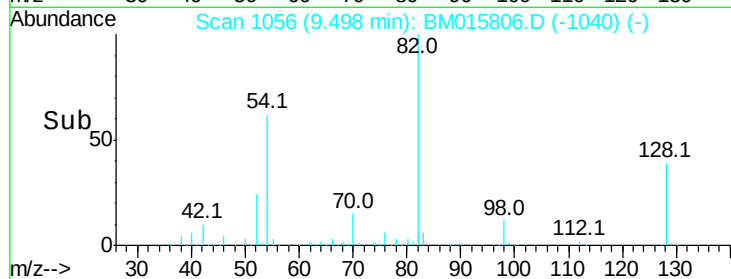
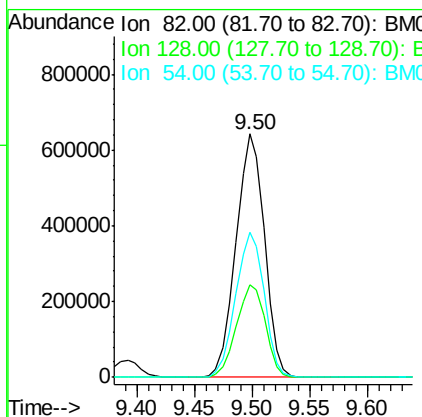
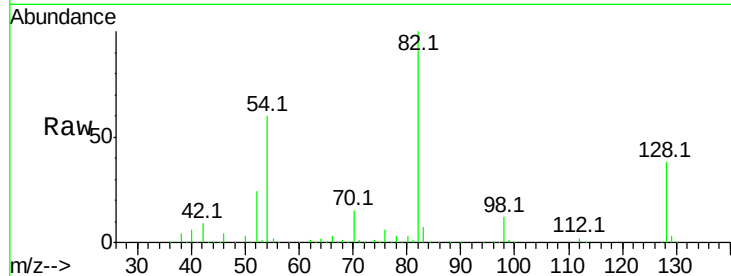
#23
 Nitrobenzene-d5
 Concen: 48.400 ng
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	32.8	49.2
54	59.6	40.6	60.8

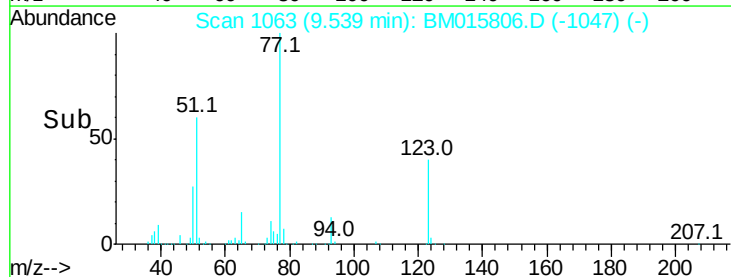
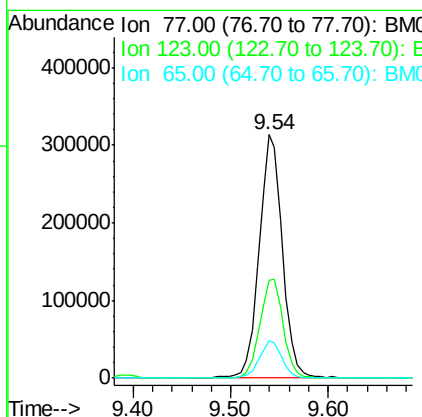
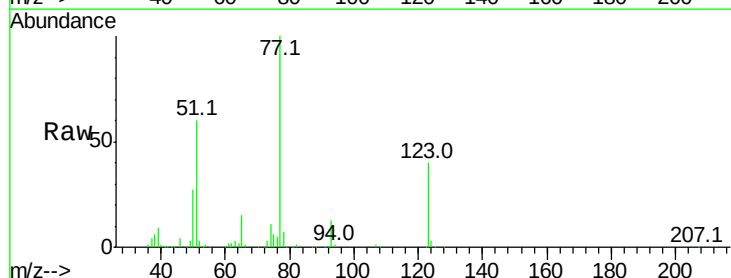
Manual Integrations
 APPROVED

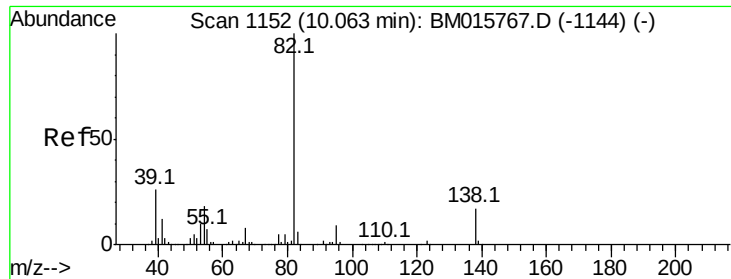
Sohil
 7/9/2018 1:55:43 PM



#24
 Nitrobenzene
 Concen: 51.223 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.4	32.6	49.0
65	15.4	10.9	16.3





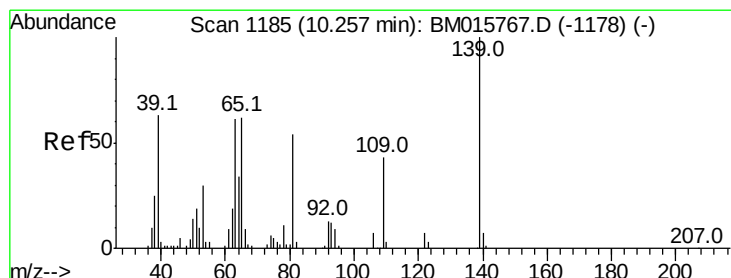
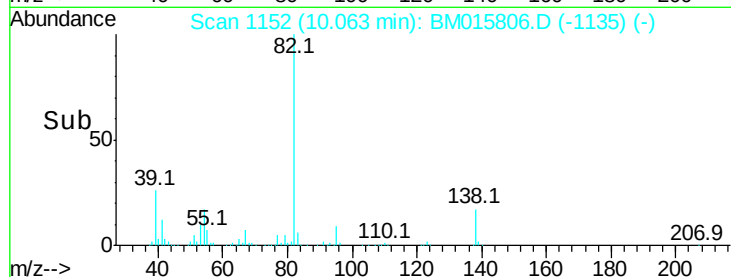
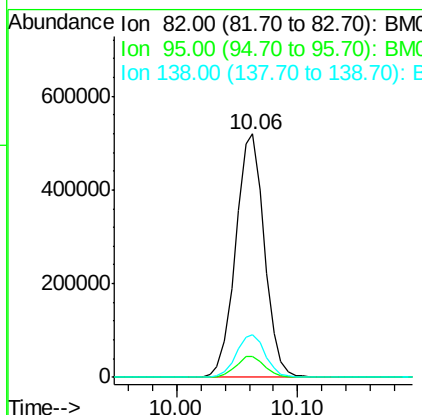
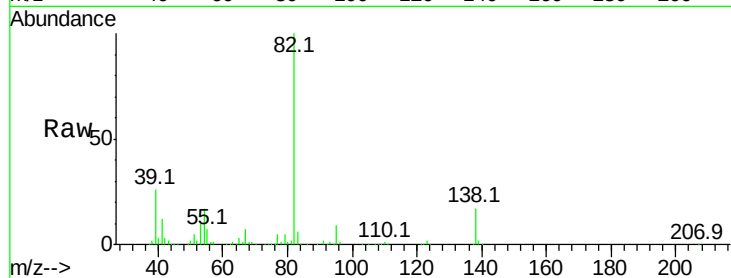
#25
Isophorone
Concen: 53.492 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	861935		
95	8.6		5.8	8.6
138	17.5		16.3	24.5

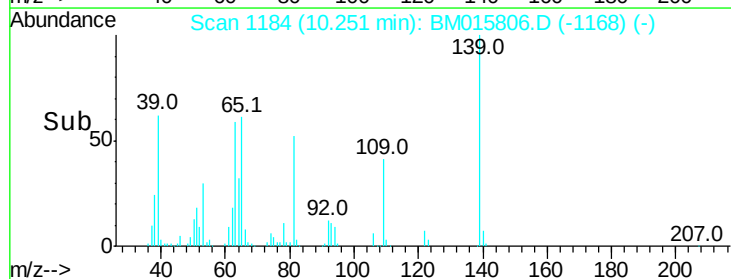
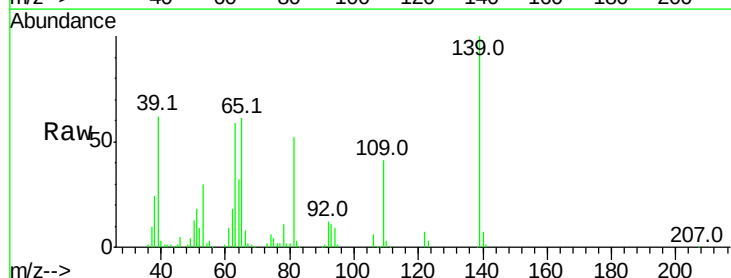
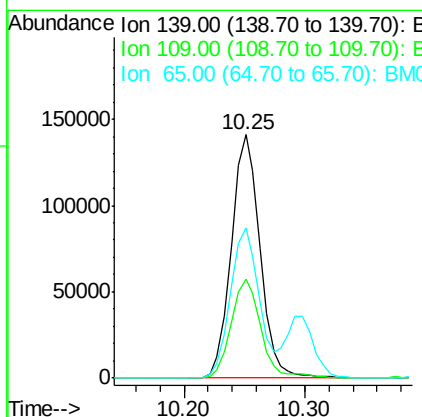
Manual Integrations
APPROVED

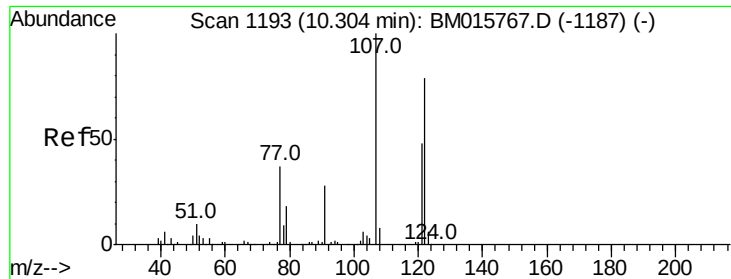
Sohil
7/9/2018 1:55:43 PM



#26
2-Nitrophenol
Concen: 52.852 ng
RT: 10.25 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	233874		
109	40.9		20.1	30.1#
65	61.5		31.5	47.3#





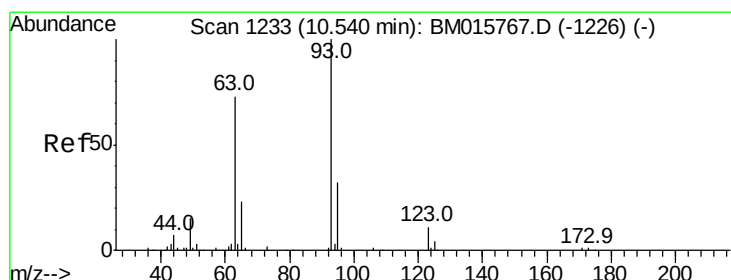
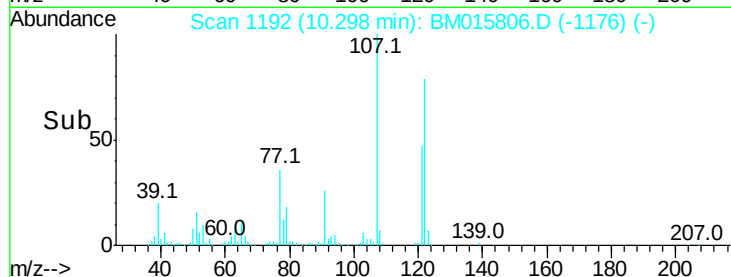
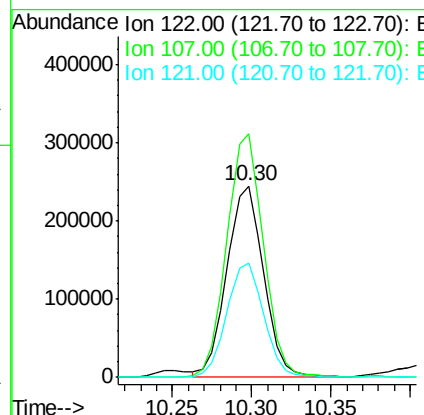
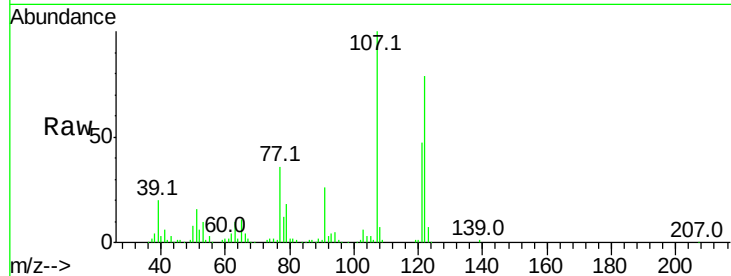
#27
 2,4-Dimethylphenol
 Concen: 58.094 ng
 RT: 10.30 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	390526		
107	127.0	84.7	127.1	
121	59.4	46.6	69.8	

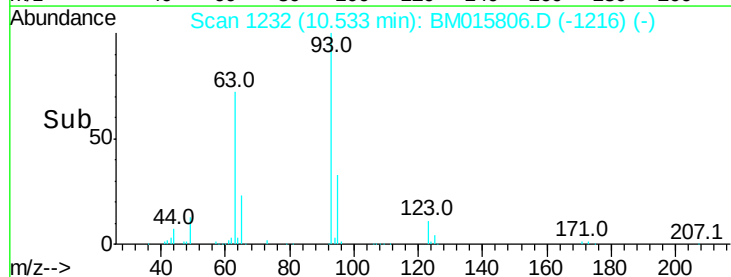
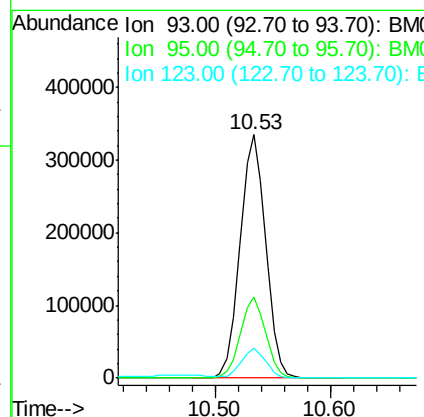
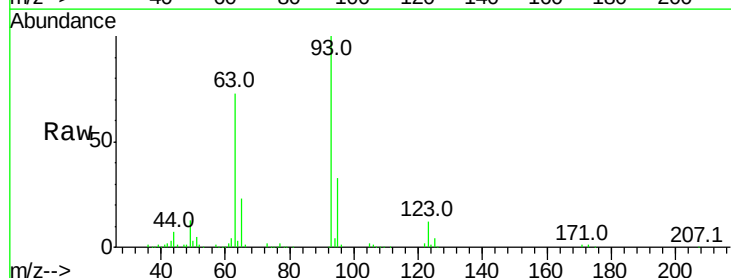
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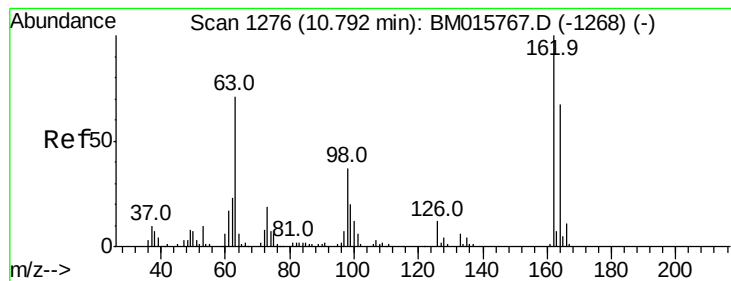
Sohil
 7/9/2018 1:55:43 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.794 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	512226		
95	33.3	25.5	38.3	
123	12.0	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 54.292 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tot Ion:162 Resp: 404218

Ion Ratio Lower Upper

162 100

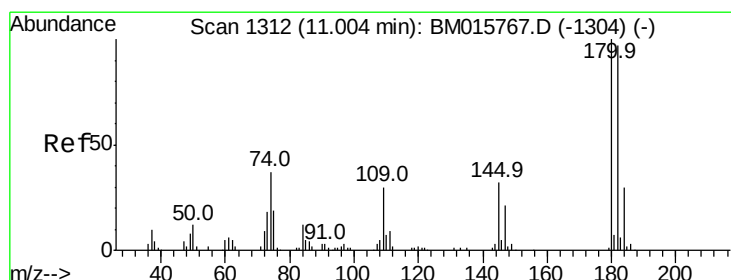
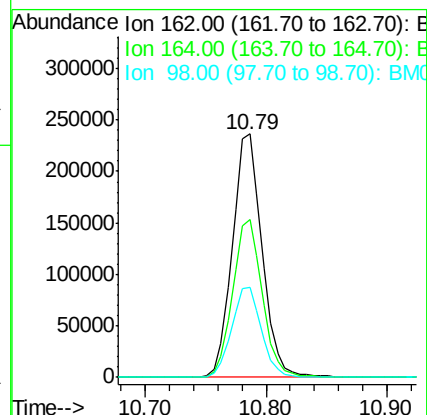
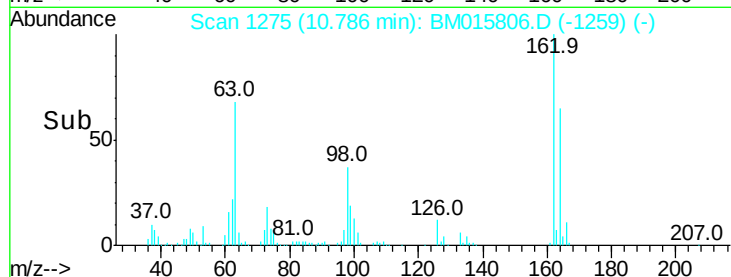
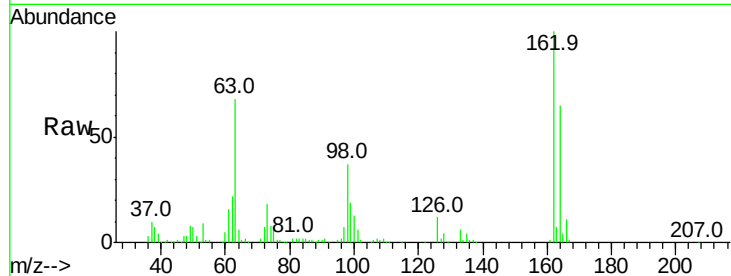
164 64.6 42.8 82.8

98 37.0 14.5 54.5

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#30

1,2,4-Trichlorobenzene

Concen: 50.849 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

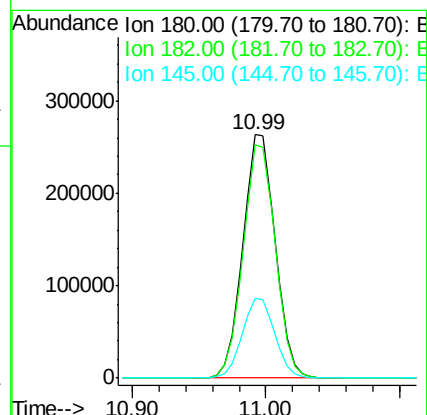
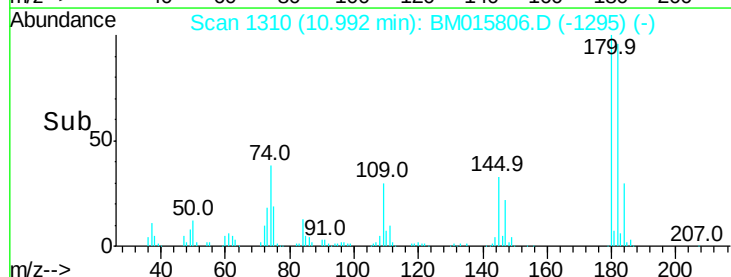
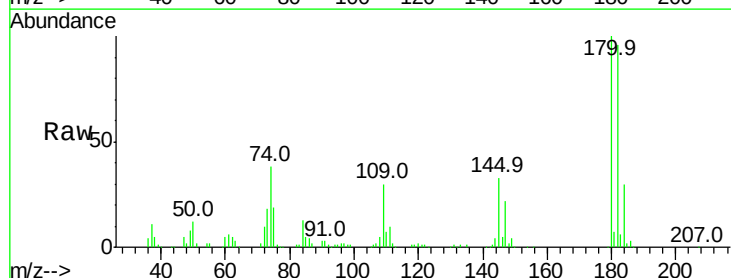
Tgt Ion:180 Resp: 439721

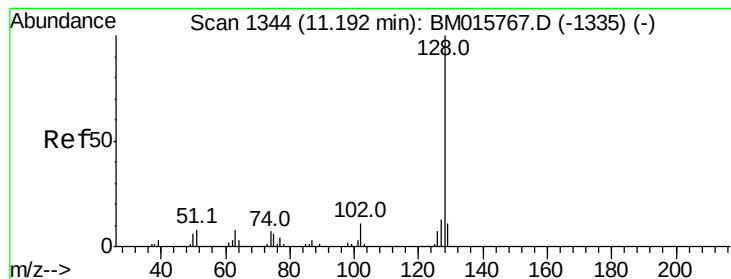
Ion Ratio Lower Upper

180 100

182 95.7 77.6 116.4

145 33.0 23.4 35.2





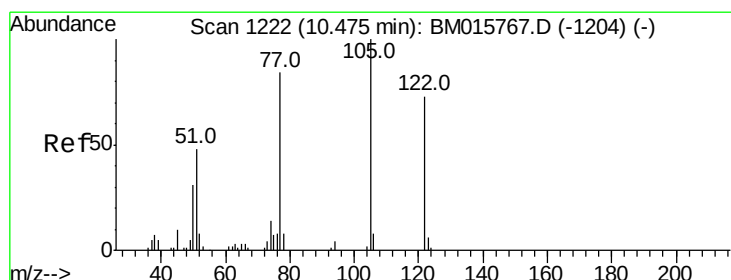
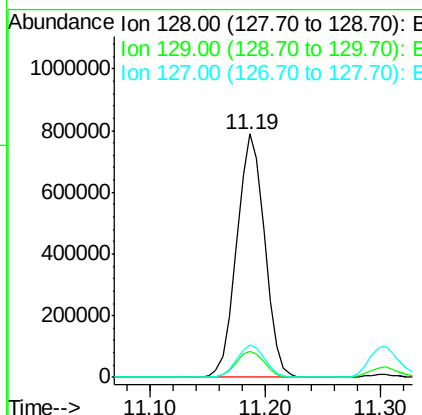
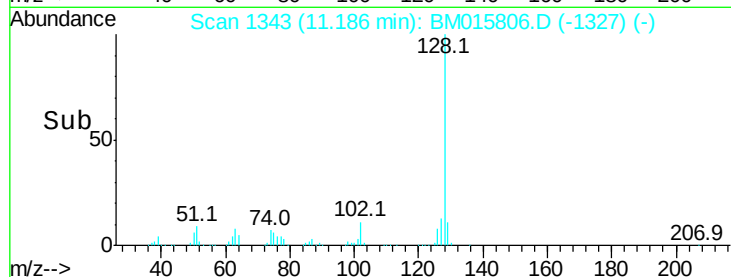
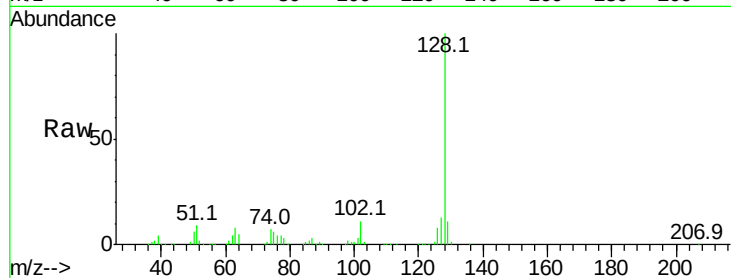
#31
Naphthalene
Concen: 49.332 ng
RT: 11.19 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

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

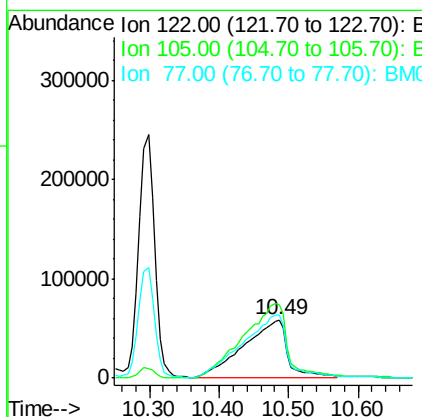
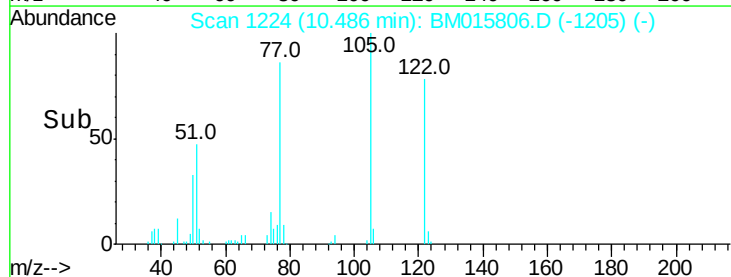
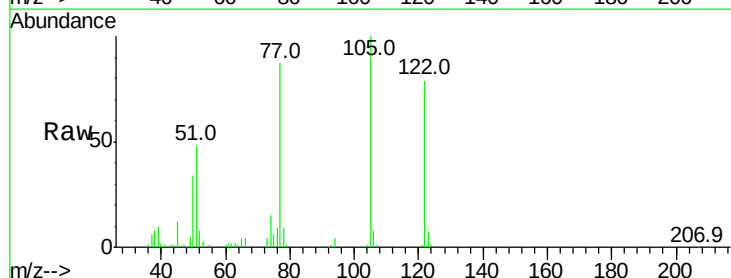
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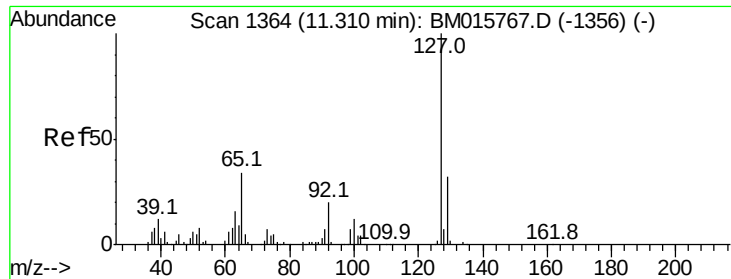
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#32
Benzoic acid
Concen: 42.652 ng m
RT: 10.49 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.4	99.9	139.9
77	109.4	73.7	113.7





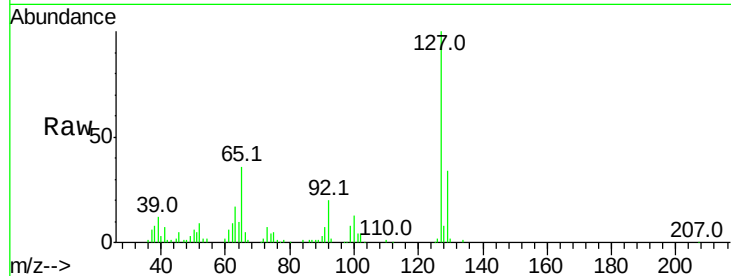
#33
4-Chloroaniline
Concen: 17.431 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	34.0	25.3	37.9
65	36.5	17.6	26.4
92	20.2	13.1	19.7

Manual Integrations
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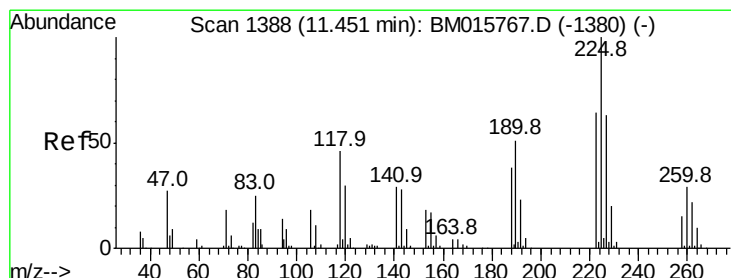
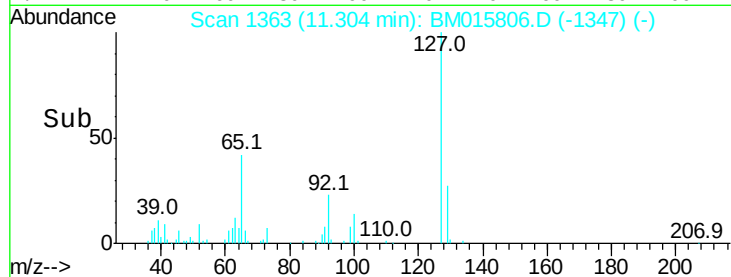
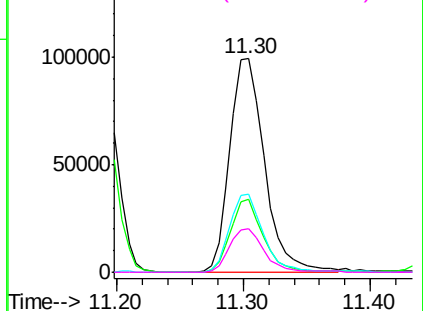
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

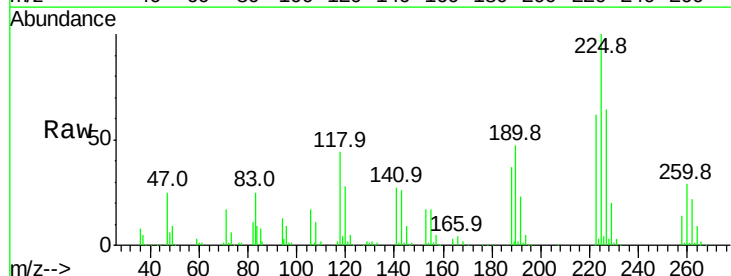
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 49.441 ng
RT: 11.45 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.9	47.9	71.9
227	64.0	50.1	75.1

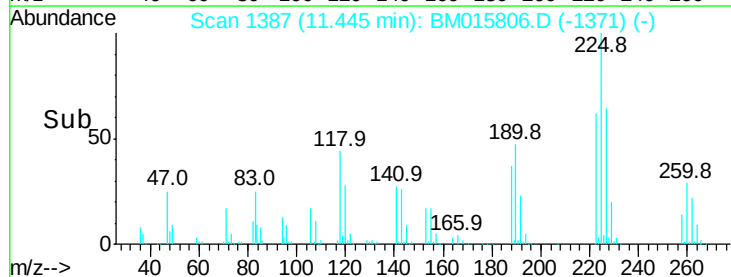
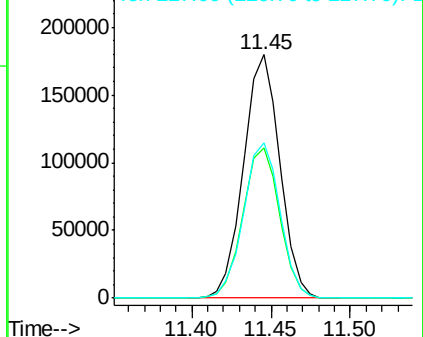


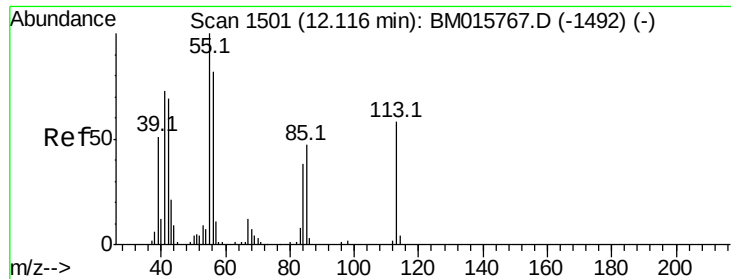
Abundance

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: 41.010 ng/mL

RT: 12.12 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tot Ion:113 Resp: 101260

Ion Ratio Lower Upper

113 100

55 174.7 145.9 185.9

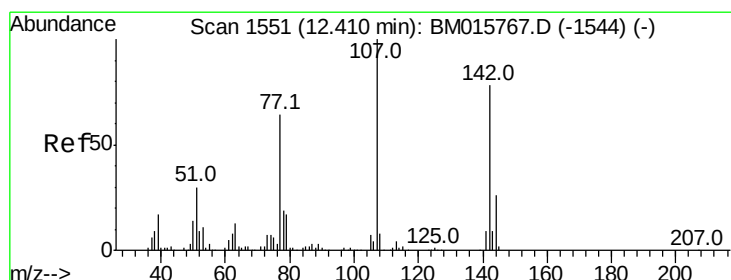
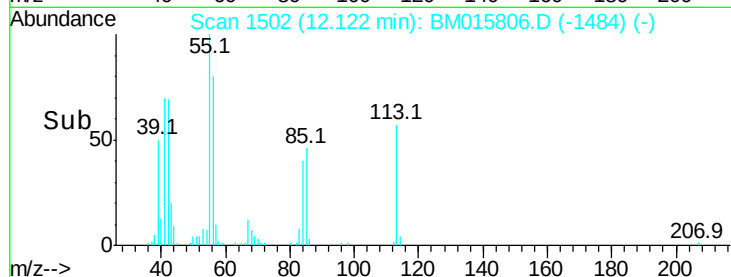
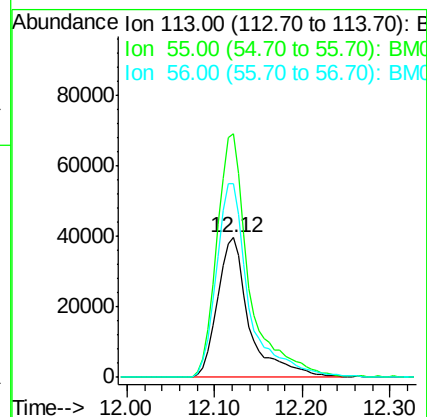
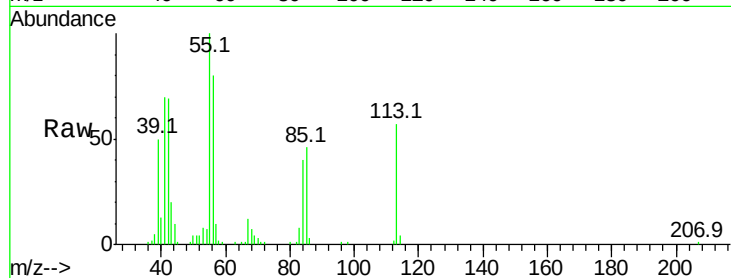
56 139.3 101.0 141.0

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#36

4-Chloro-3-methylphenol

Concen: 48.903 ng/mL

RT: 12.41 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

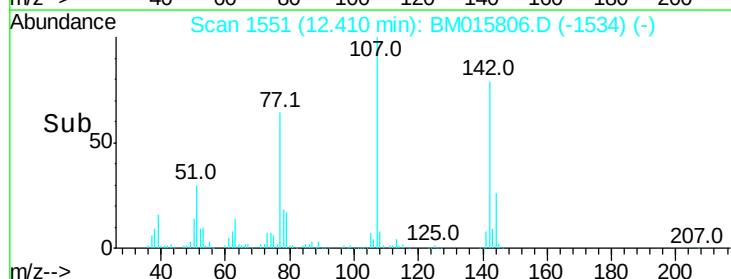
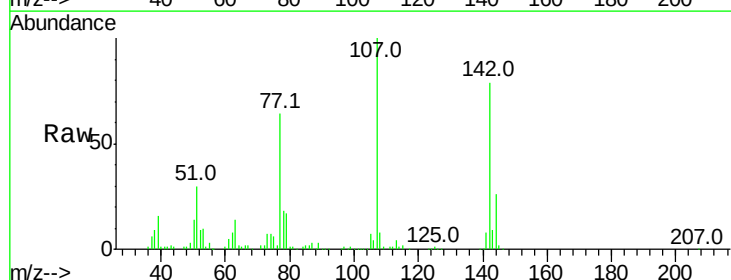
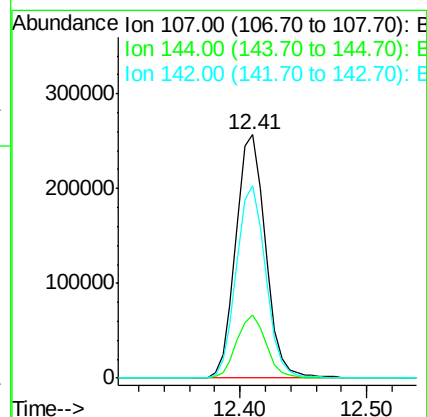
Tgt Ion:107 Resp: 417768

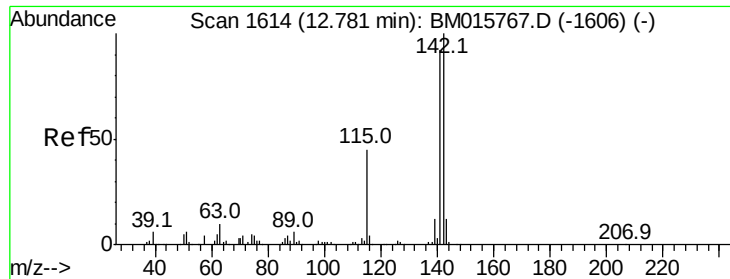
Ion Ratio Lower Upper

107 100

144 25.9 23.3 34.9

142 79.2 72.6 109.0





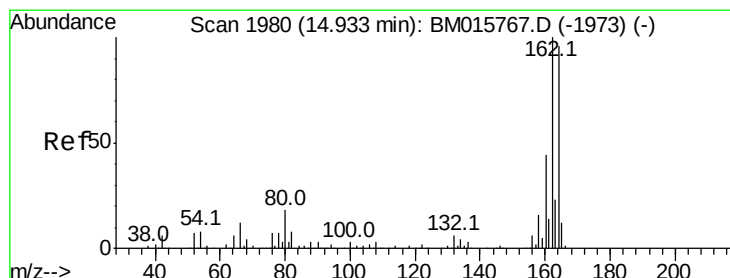
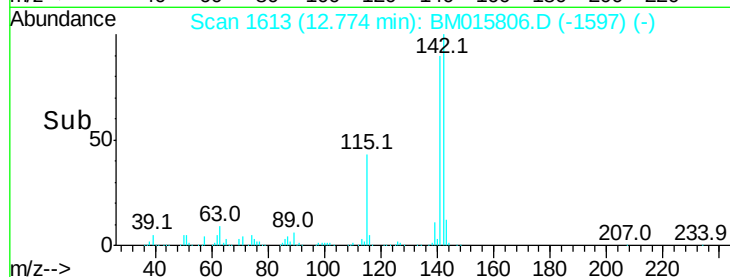
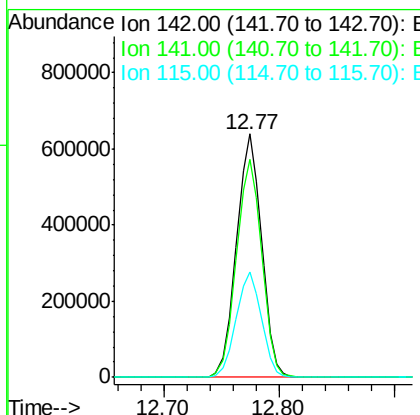
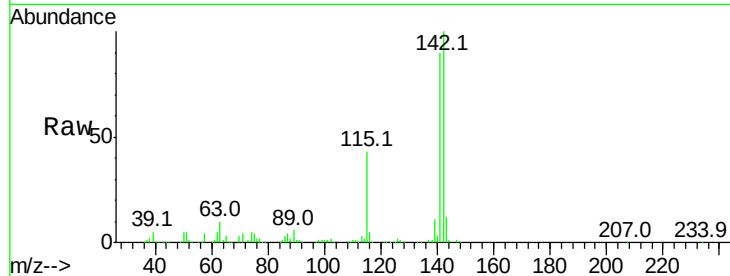
#37
2-Methylnaphthalene
Concen: 50.572 ng
RT: 12.77 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	43.3	25.4	38.0

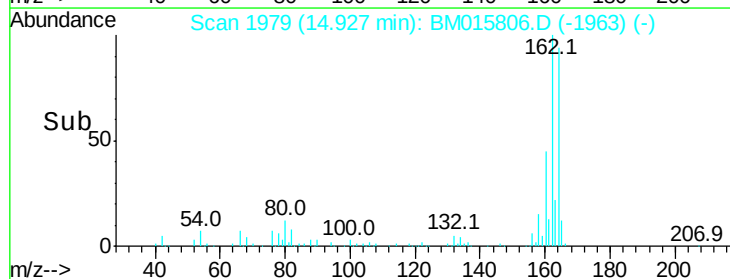
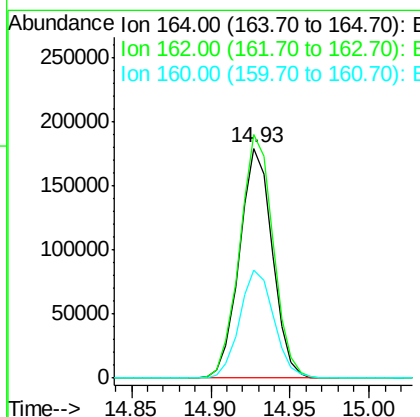
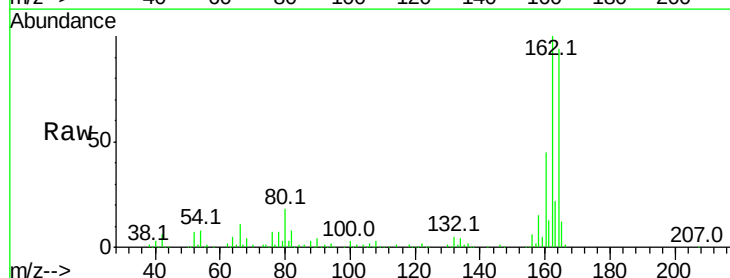
Manual Integrations
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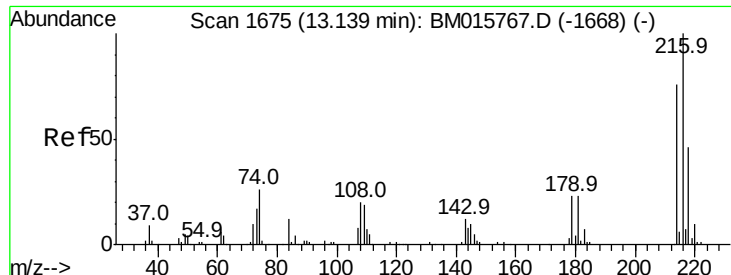
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.4	123.6
160	47.2	35.8	53.6





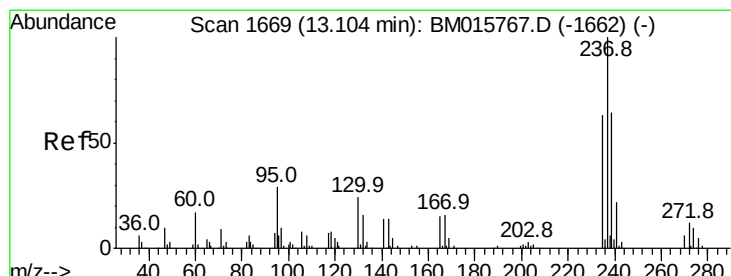
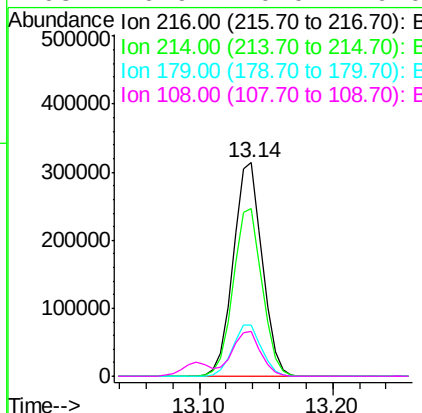
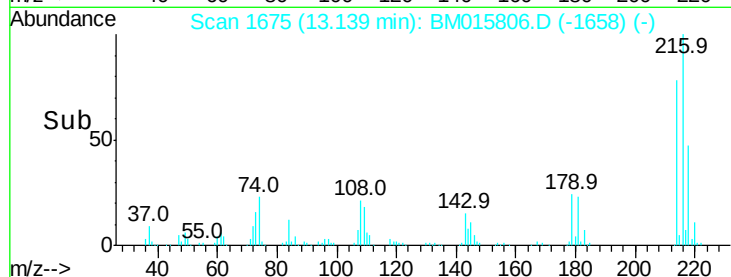
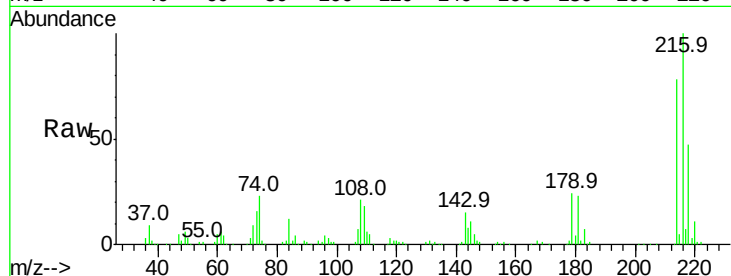
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 57.359 ng
 RT: 13.14 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.3	0.0	0.0#
179	24.0	0.0	0.0#
108	20.9	0.0	0.0#

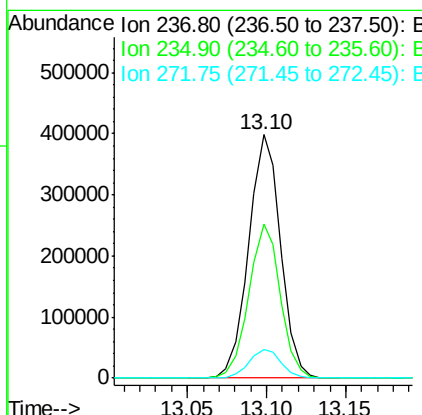
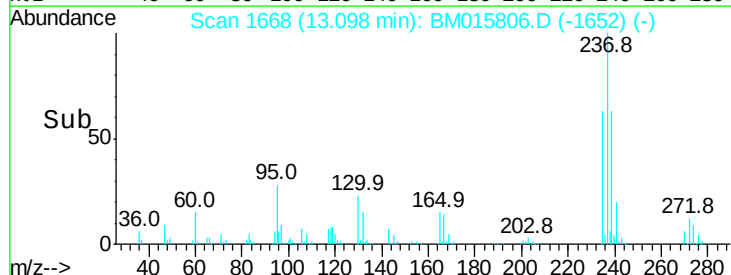
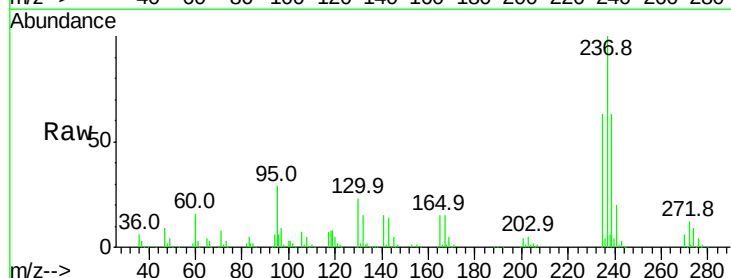
Manual Integrations
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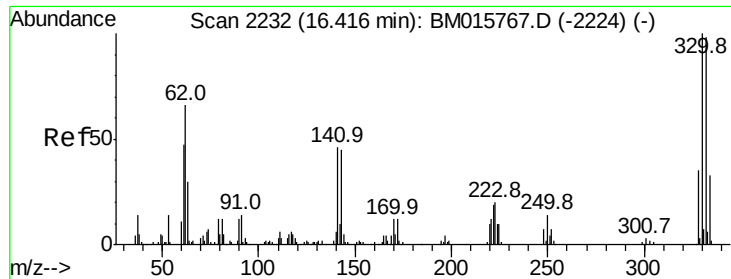
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 136.727 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.2	42.0	82.0
272	11.8	0.0	33.4





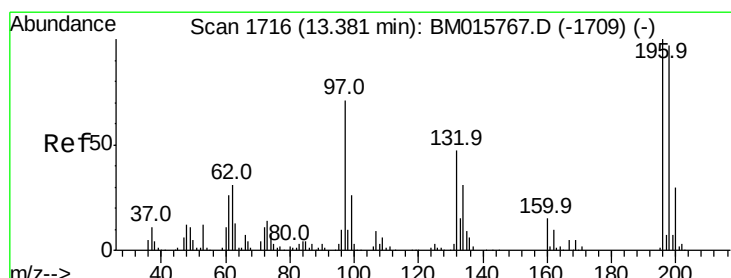
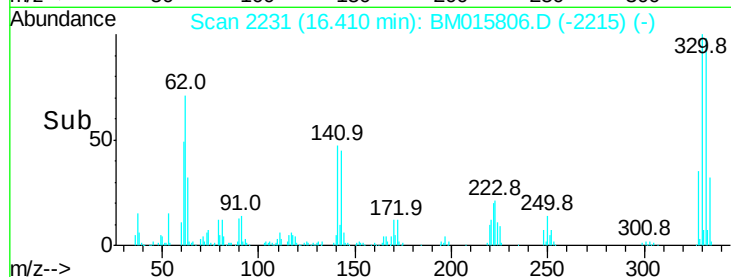
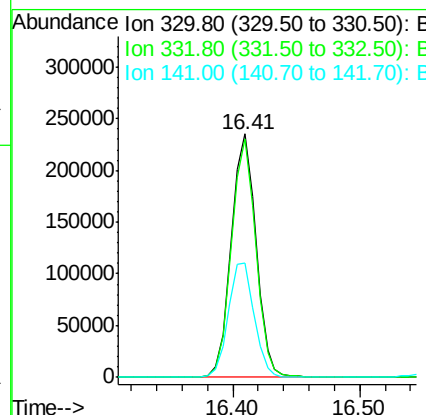
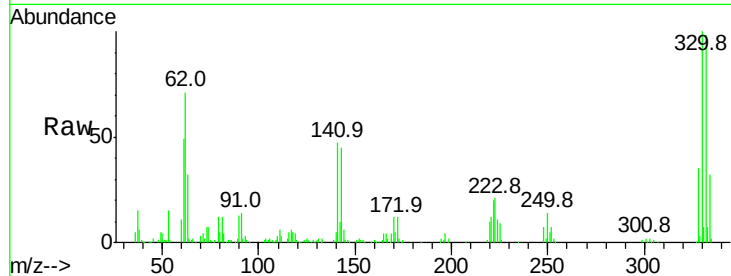
#41
 2,4,6-Tribromophenol
 Concen: 136.727 ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	49.0	0.0	0.0#

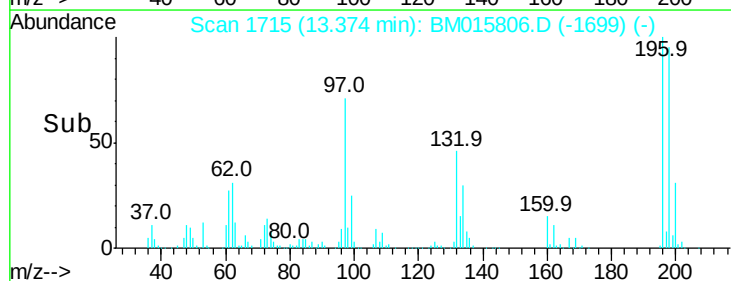
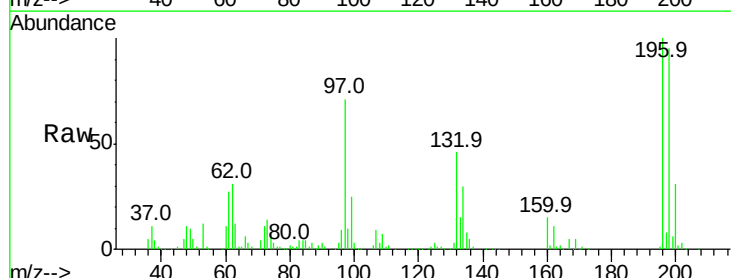
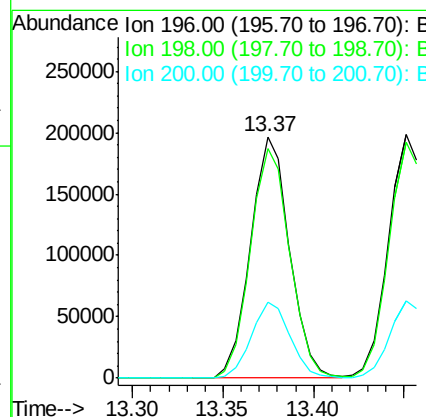
Manual Integrations
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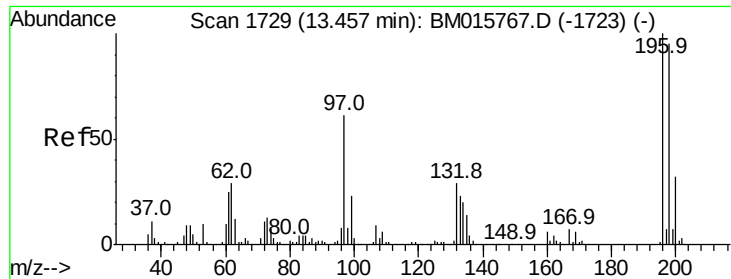
Sohil
 7/9/2018 1:55:43 PM



#42
 2,4,6-Trichlorophenol
 Concen: 56.268 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	95.0	76.3	114.5
200	31.5	25.6	38.4





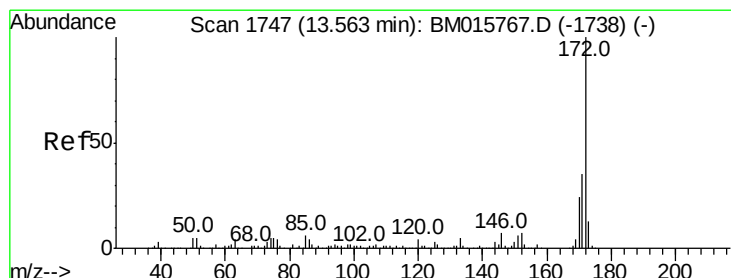
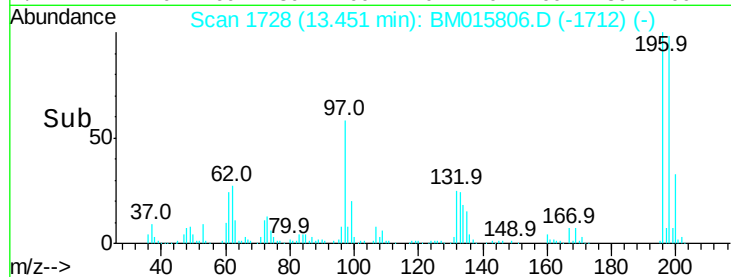
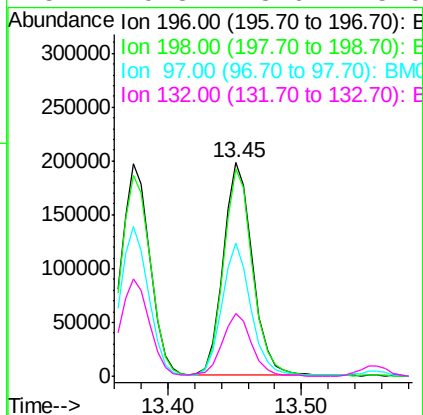
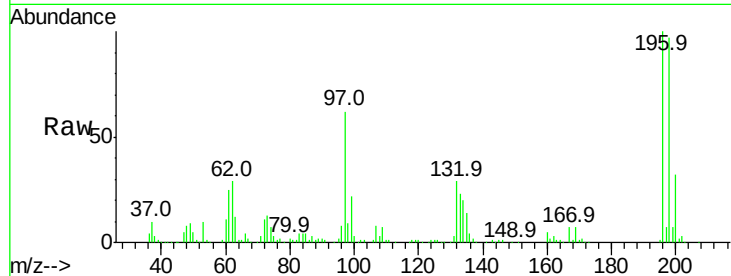
#43
 2,4,5-Trichlorophenol
 Concen: 54.091 ng
 RT: 13.45 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampled :
 PB110790BSD

Tot Ion:	196	Resp:	305407
Ion Ratio	Lower	Upper	
196	100		
198	97.2	79.4	119.0
97	62.1	26.8	40.2#
132	29.3	18.6	28.0#

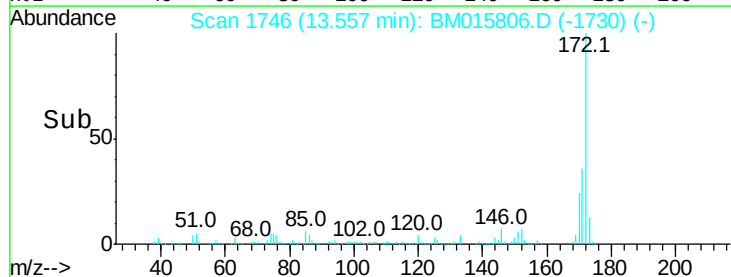
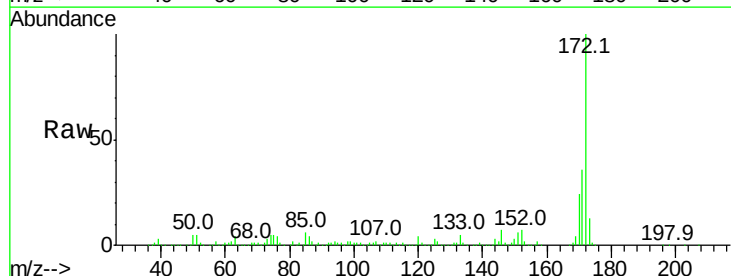
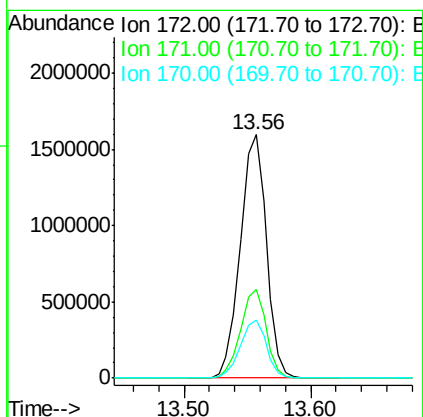
Manual Integrations
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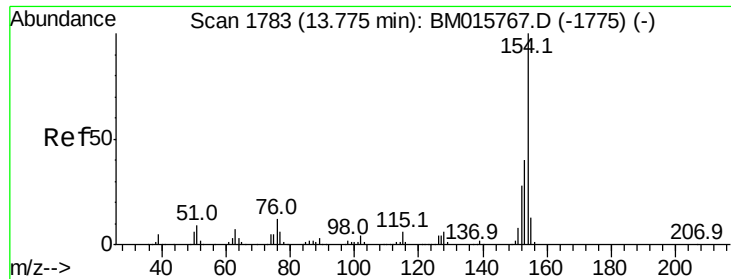
Sohil
 7/9/2018 1:55:43 PM



#44
 2-Fluorobiphenyl
 Concen: 54.091 ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Tgt Ion:	172	Resp:	2270721
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.5	42.7
170	23.9	18.8	28.2





#45

1,1'-Biphenyl

Concen: 53.054 ng

RT: 13.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

ClientSampleId :

PB110790BSD

Tot Ion:154 Resp: 1181736

Ion Ratio Lower Upper

154 100

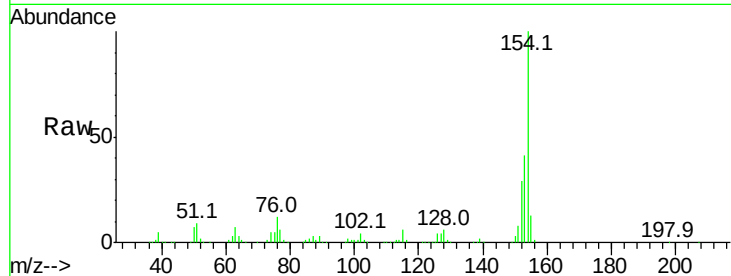
153 41.1 20.7 60.7

76 12.2 0.0 30.9

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Sohil

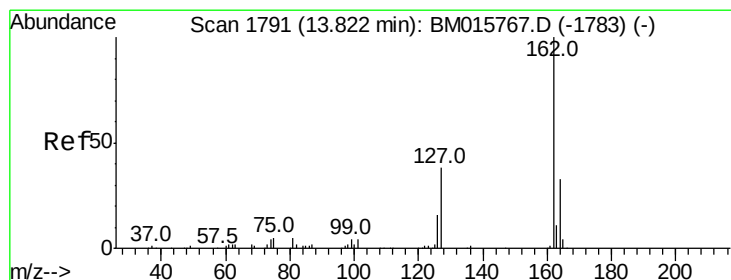
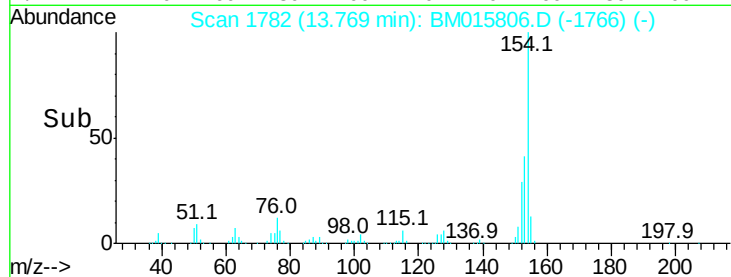
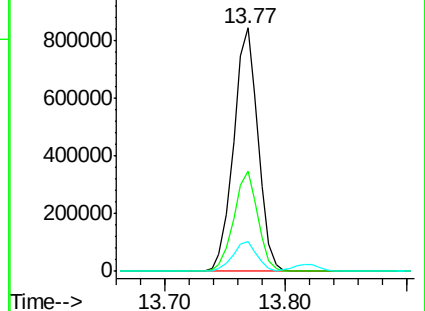
7/9/2018 1:55:43 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 54.635 ng

RT: 13.82 min Scan# 1791

Delta R.T. -0.00 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

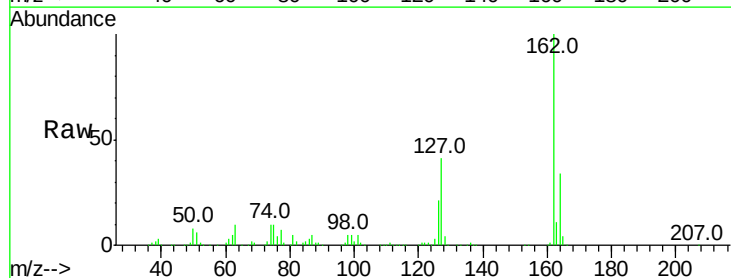
Tgt Ion:162 Resp: 909888

Ion Ratio Lower Upper

162 100

127 41.1 26.9 40.3#

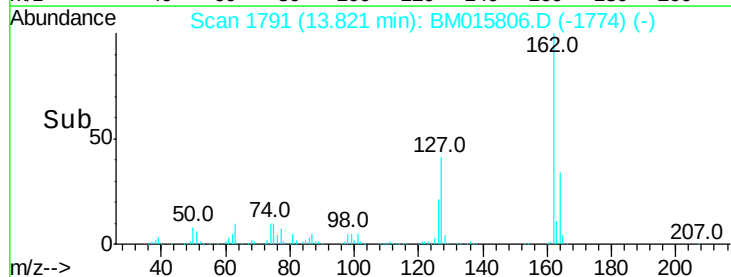
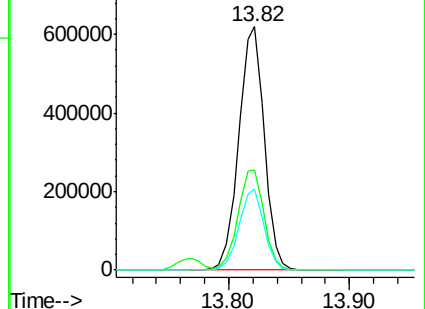
164 33.5 26.8 40.2

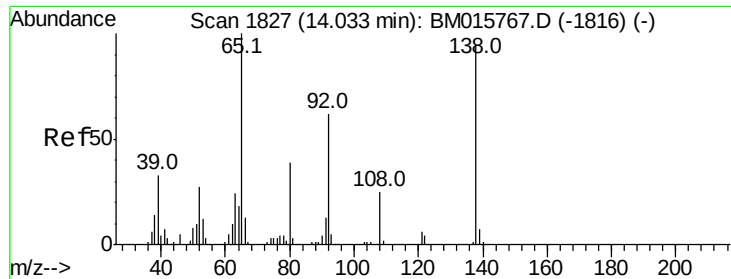


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





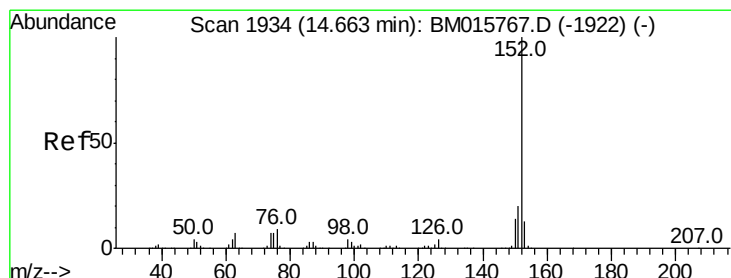
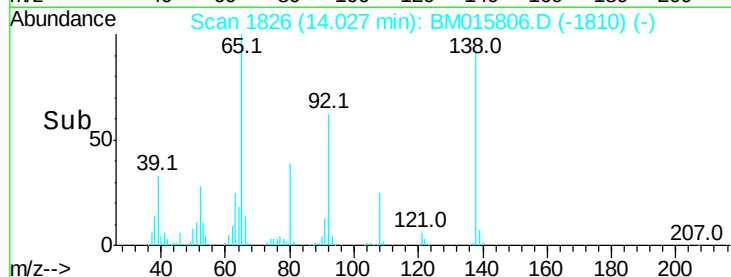
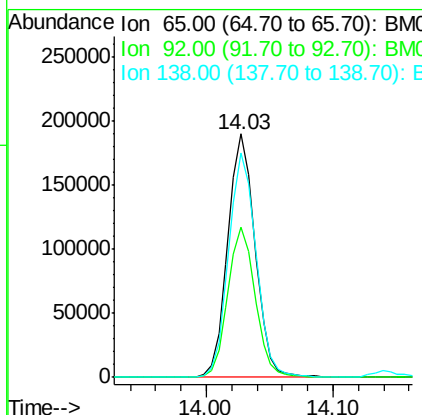
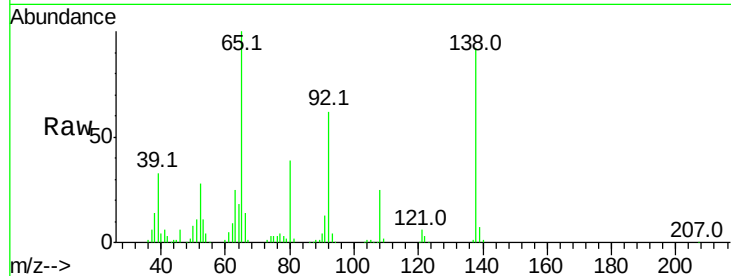
#47
2-Nitroaniline
Concen: 48.269 ng
RT: 14.03 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.8	59.1	88.7
138	92.3	93.9	140.9

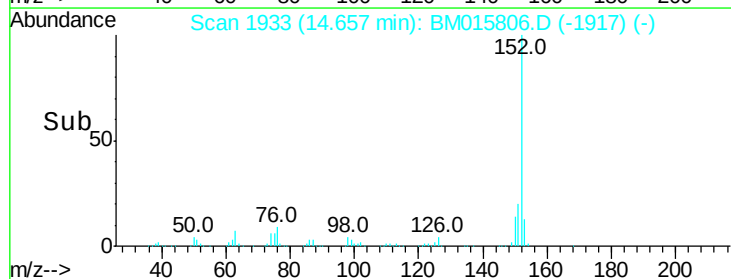
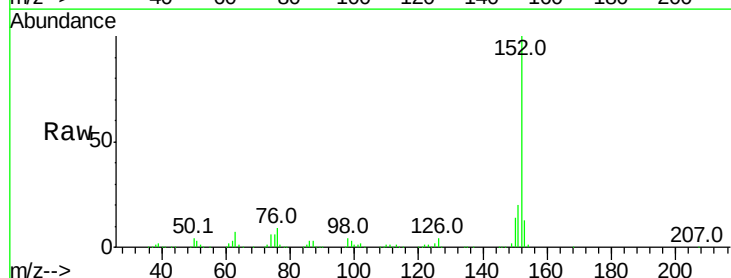
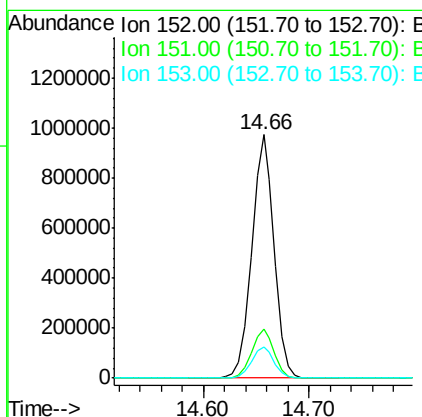
Manual Integrations
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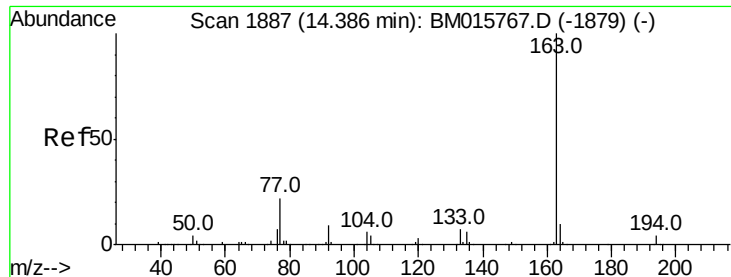
Sohil
7/9/2018 1:55:43 PM



#48
Acenaphthylene
Concen: 52.535 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	12.7	10.6	16.0





#49

Dimethylphthalate

Concen: 47.151 ng

RT: 14.38 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

ClientSampled :

PB110790BSD

Tot Ion:163 Resp: 1071311

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

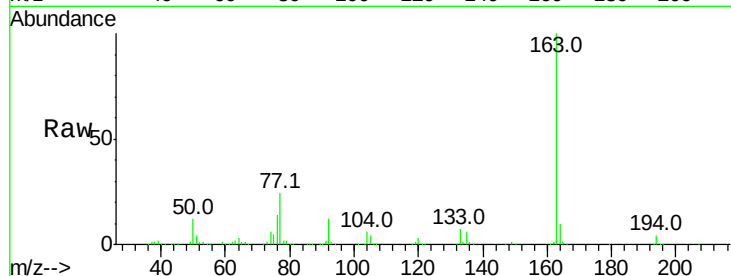
164 10.1 8.2 12.2

Manual Integrations

APPROVED

Sohil

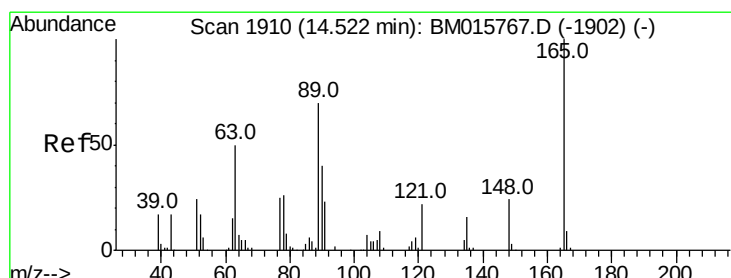
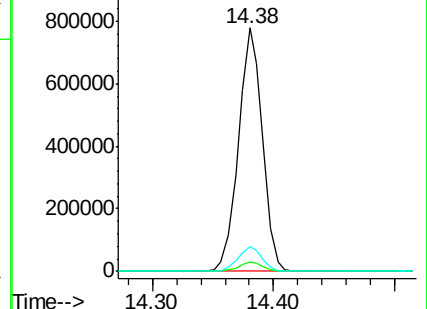
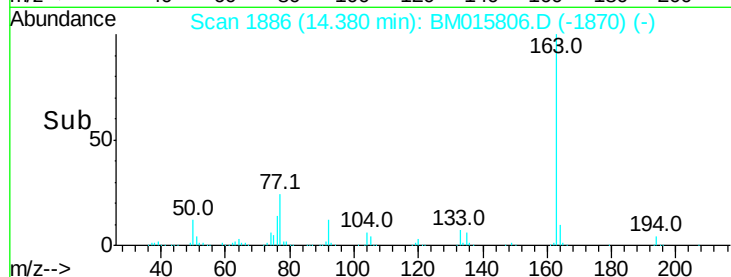
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.436 ng

RT: 14.52 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

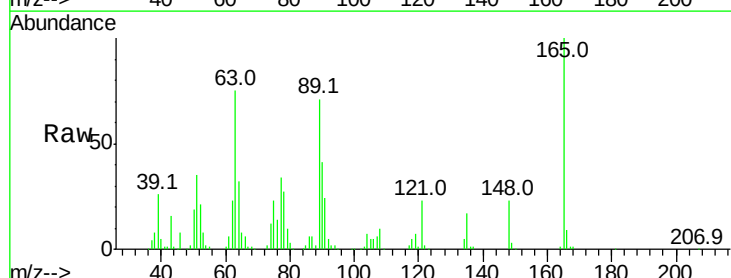
Tgt Ion:165 Resp: 223436

Ion Ratio Lower Upper

165 100

63 75.4 44.1 66.1#

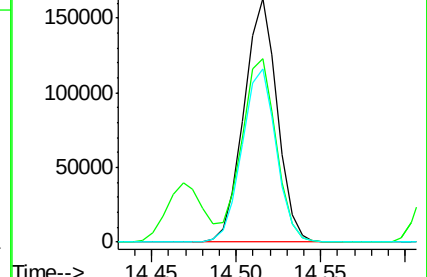
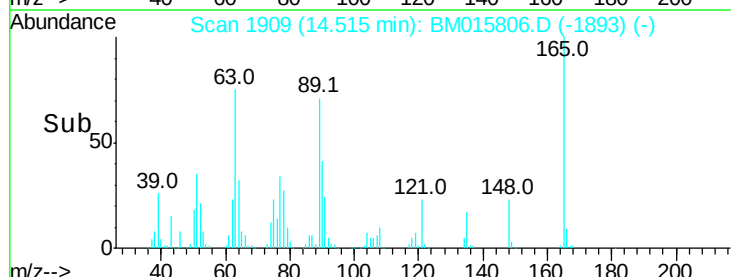
89 71.3 44.3 66.5#

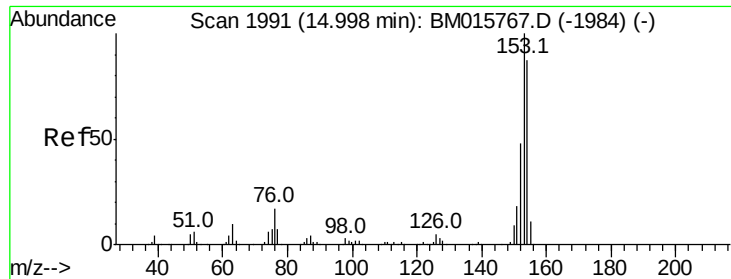


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 48.518 ng

RT: 14.99 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

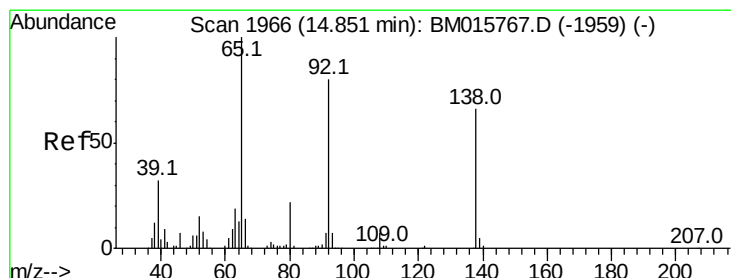
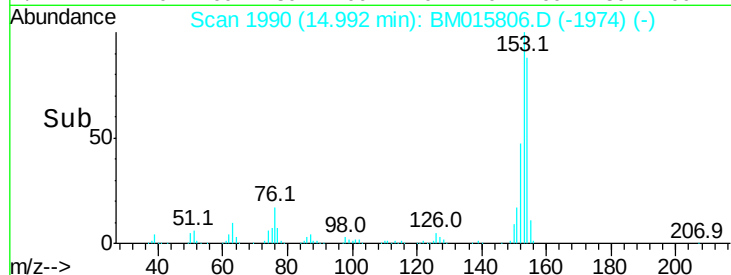
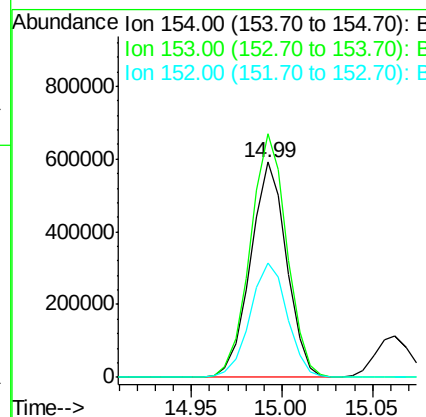
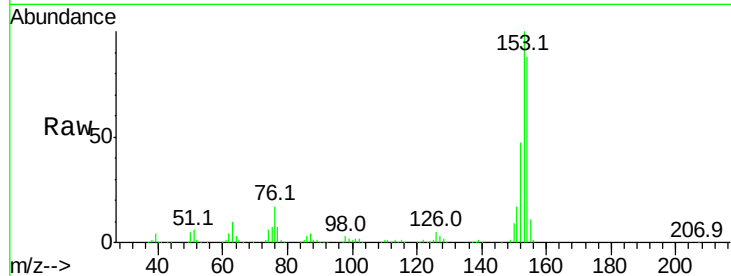
ClientSampleId :

PB110790BSD

Tot Ion:	154	Resp:	817927
Ion	Ratio	Lower	Upper
154	100		
153	113.3	90.0	135.0
152	53.5	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 24.186 ng

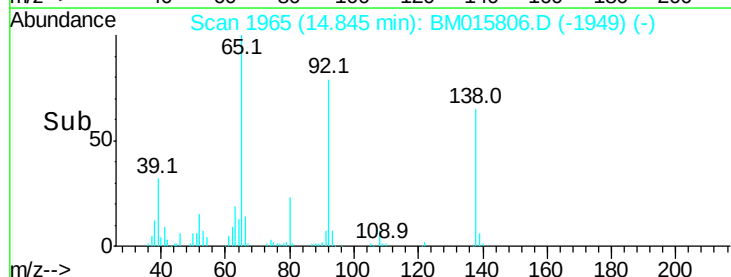
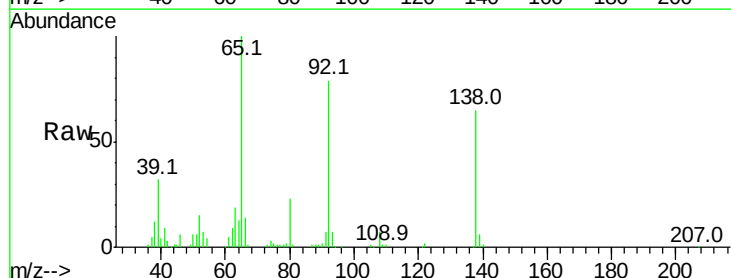
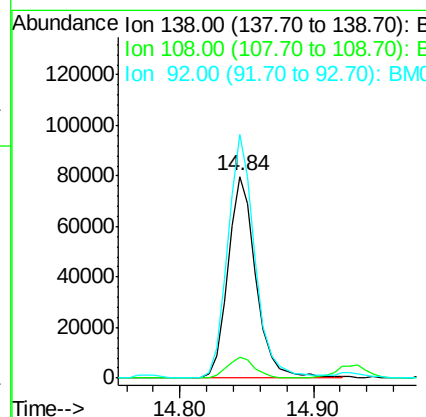
RT: 14.84 min Scan# 1965

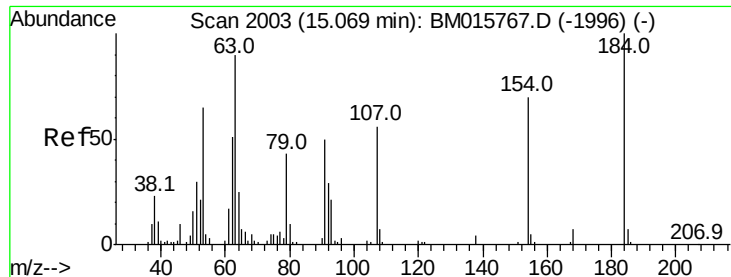
Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Tgt Ion:	138	Resp:	117274
Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.3	10.9
92	120.8	76.6	114.8#





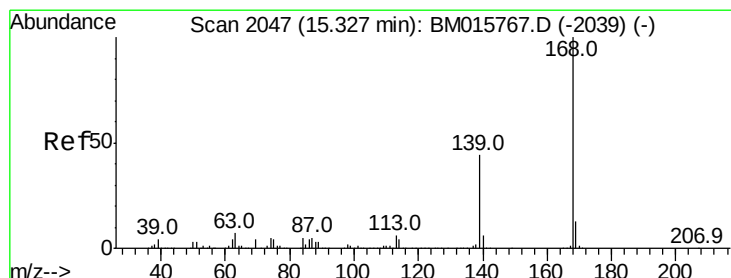
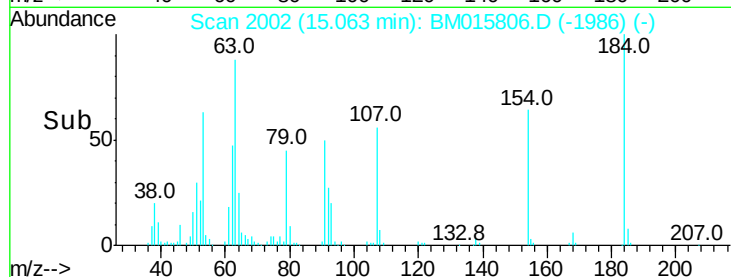
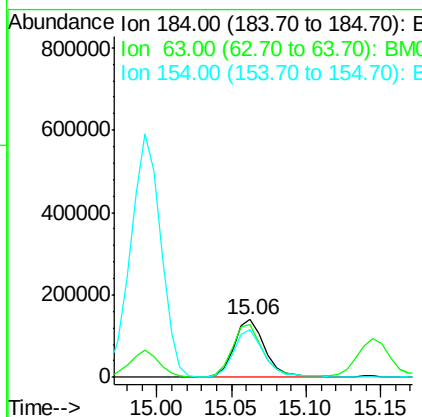
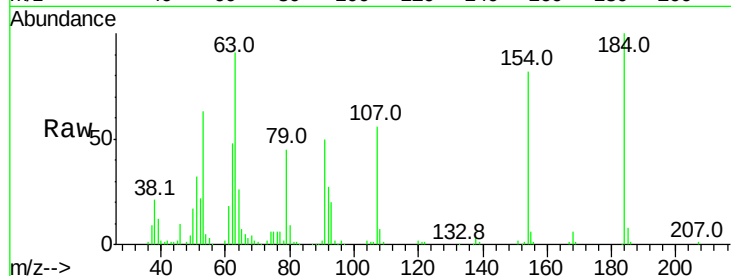
#53
2,4-Dinitrophenol
Concen: 91.419 ng
RT: 15.06 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	205093		
63	91.0	69.2	103.8	
154	82.2	53.3	79.9#	

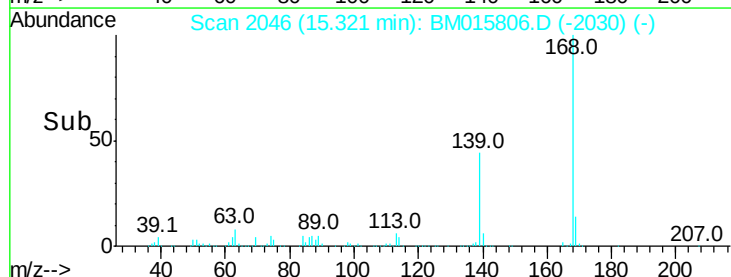
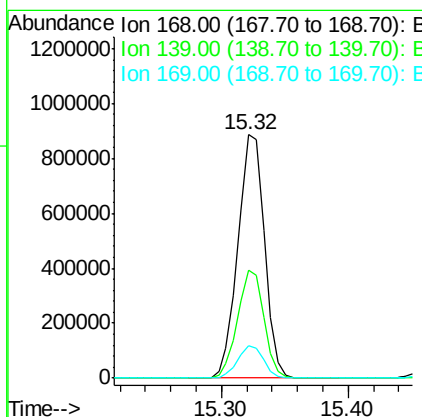
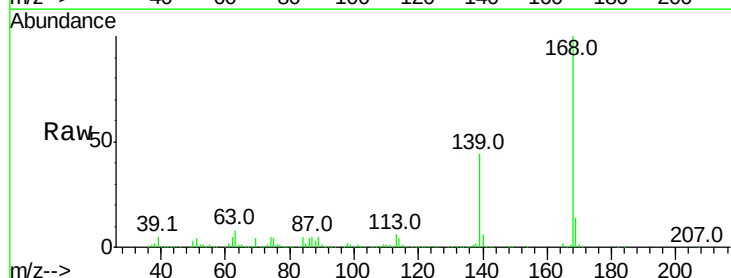
Manual Integrations
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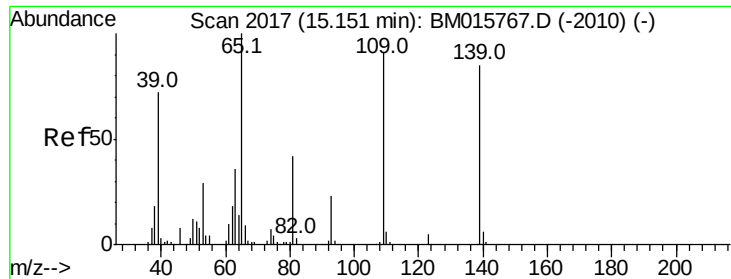
Sohil
7/9/2018 1:55:43 PM



#54
Dibenzofuran
Concen: 49.529 ng
RT: 15.32 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1286610		
139	44.3	27.3	40.9#	
169	13.5	10.6	16.0	





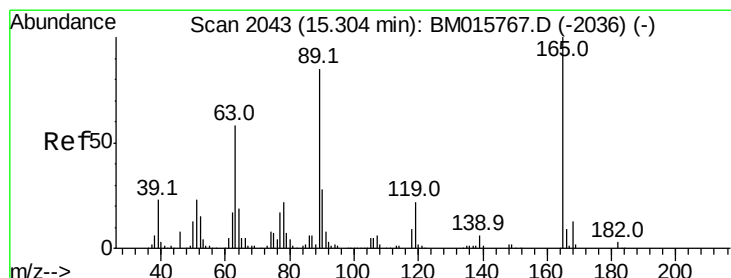
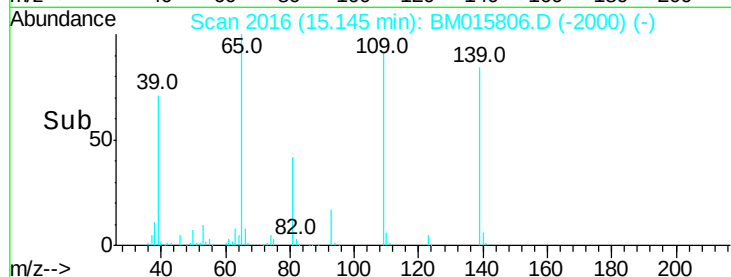
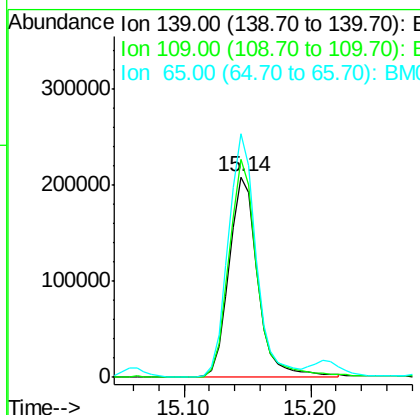
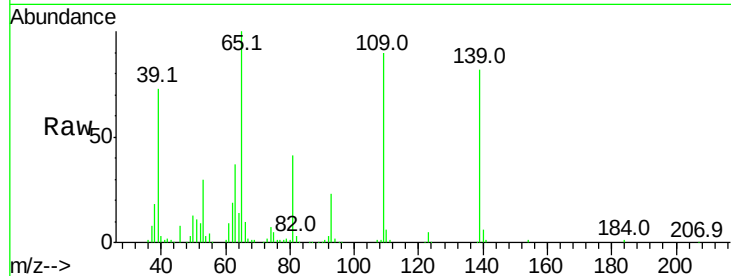
#55
4-Nitrophenol
Concen: 91.269 ng
RT: 15.14 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	108.8	130.0	170.0#	
65	121.4	130.0	170.0#	

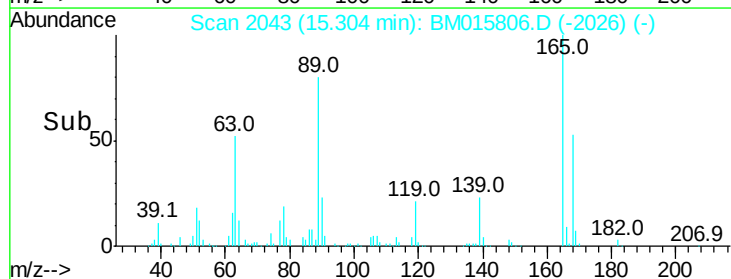
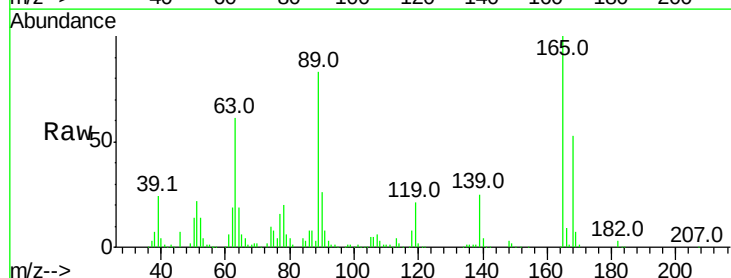
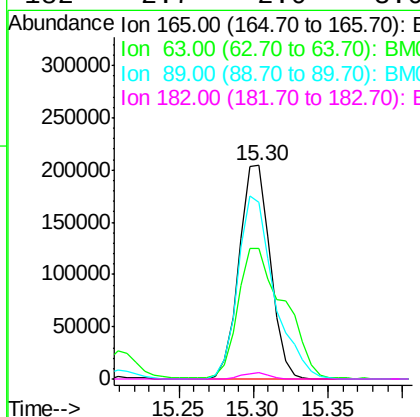
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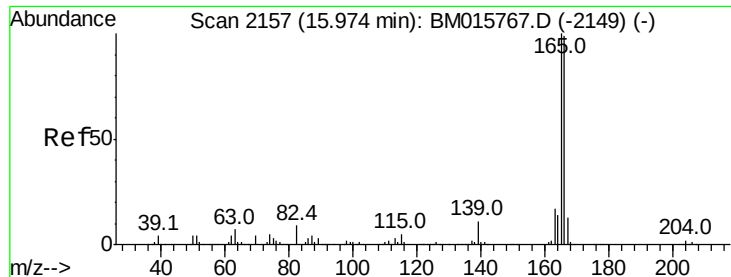
Sohil
7/9/2018 1:55:43 PM



#56
2,4-Dinitrotoluene
Concen: 46.432 ng
RT: 15.30 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.9	52.4	78.6	
89	82.6	72.4	108.6	
182	2.7	2.0	3.0	





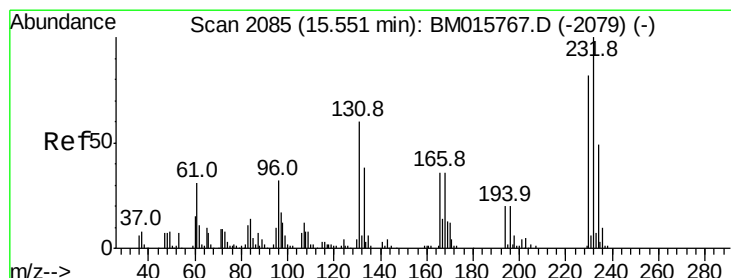
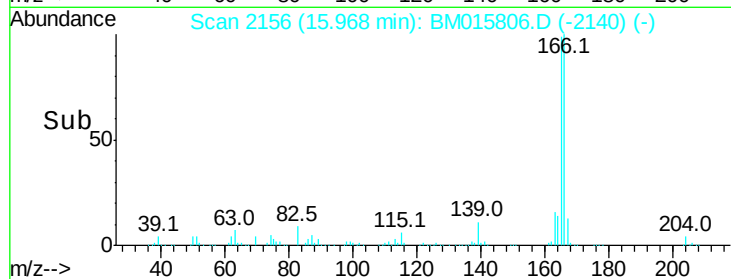
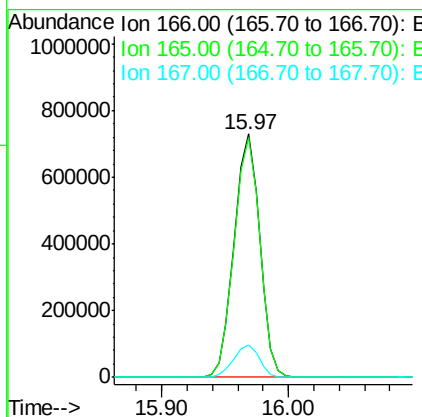
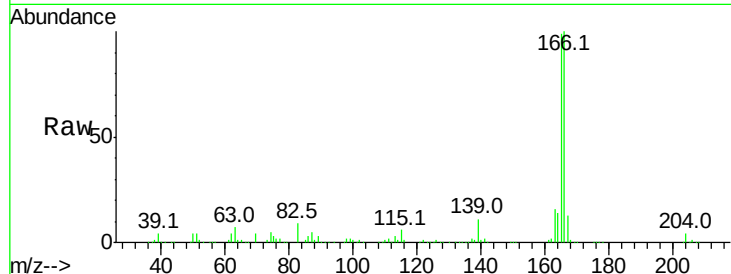
#57
 Fluorene
 Concen: 47.550 ng
 RT: 15.97 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleID :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	79.0	118.4
167	13.4	10.3	15.5

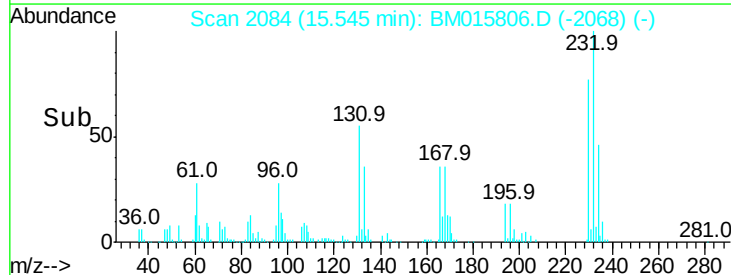
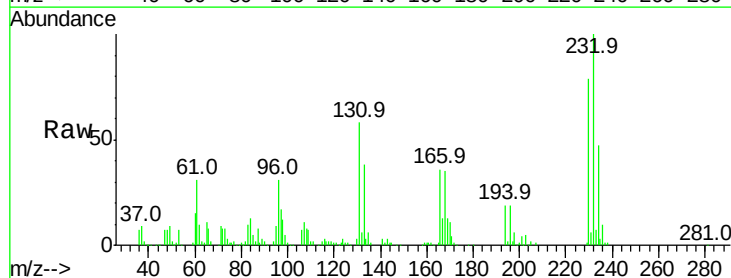
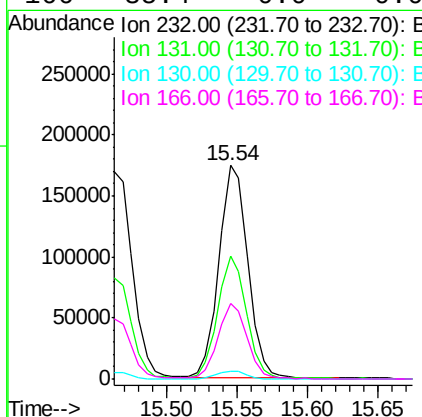
Manual Integrations
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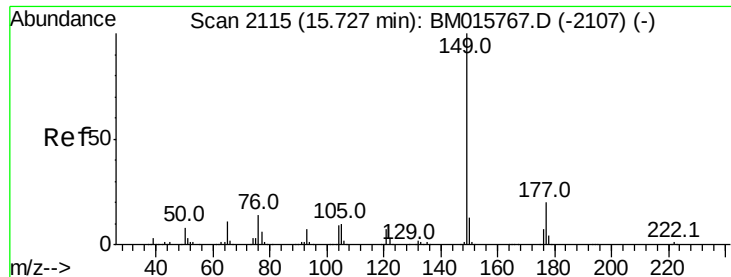
Sohil
 7/9/2018 1:55:43 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.097 ng
 RT: 15.54 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.6	0.0	0.0#
130	3.6	0.0	0.0#
166	35.4	0.0	0.0#





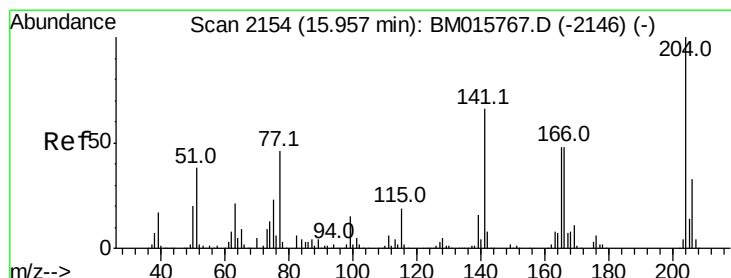
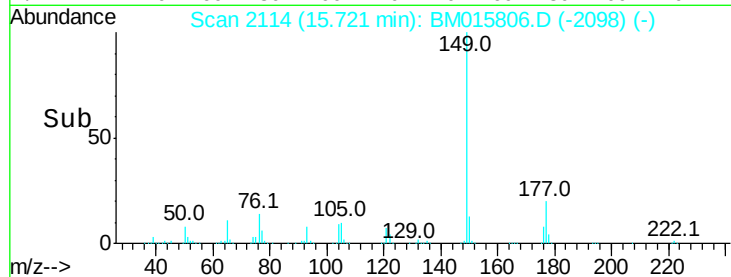
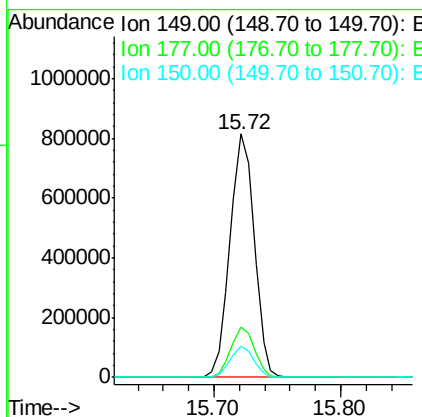
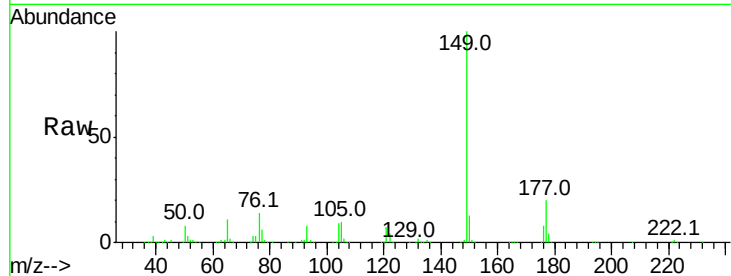
#59
Diethylphthalate
Concen: 44.205 ng
RT: 15.72 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion:149 Resp: 1076303
Ion Ratio Lower Upper
149 100
177 20.5 18.3 27.5
150 12.6 9.8 14.8

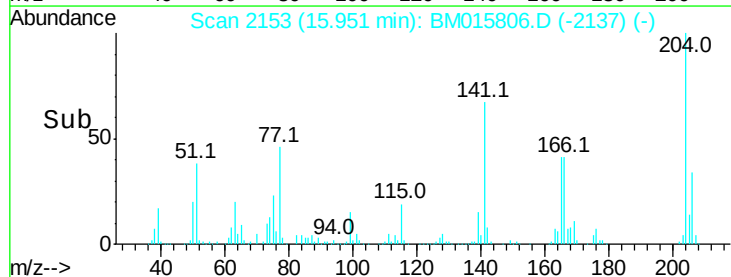
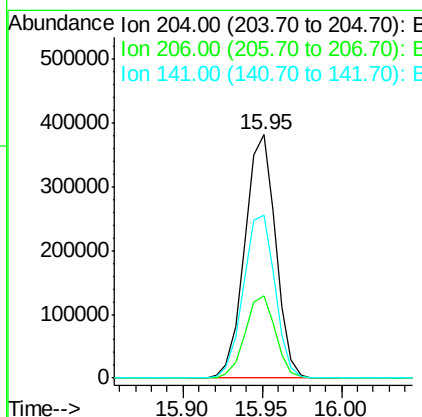
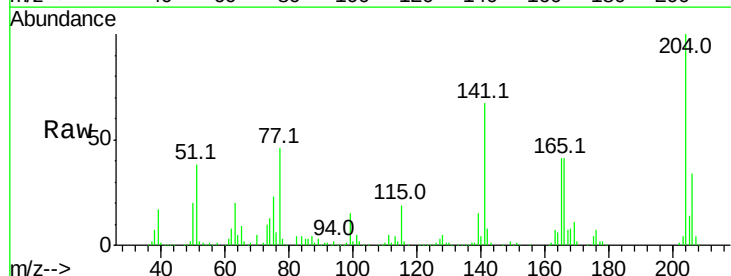
Manual Integrations
APPROVED

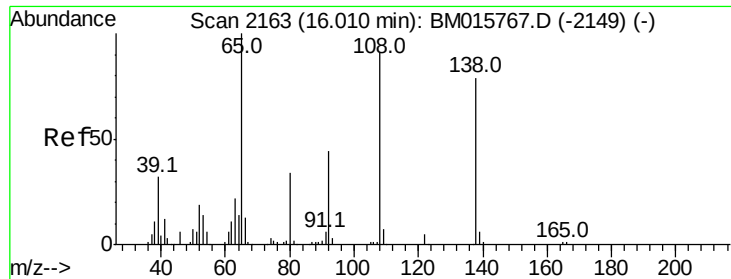
Sohil
7/9/2018 1:55:43 PM



#60
4-Chlorophenyl-phenylether
Concen: 46.803 ng
RT: 15.95 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion:204 Resp: 515899
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 66.9 45.2 67.8





#61

4-Nitroaniline

Concen: 41.437 ng

RT: 16.00 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

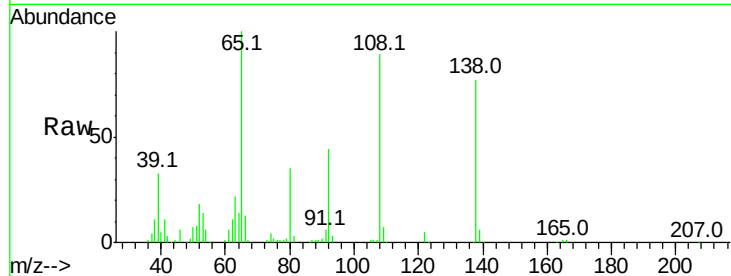
ClientSampleId :

PB110790BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.4	16.7	56.7
108	115.4	37.6	77.6#

Manual Integrations
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Sohil
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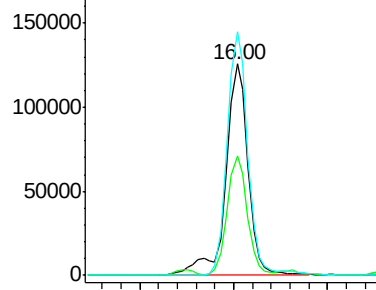


Abundance

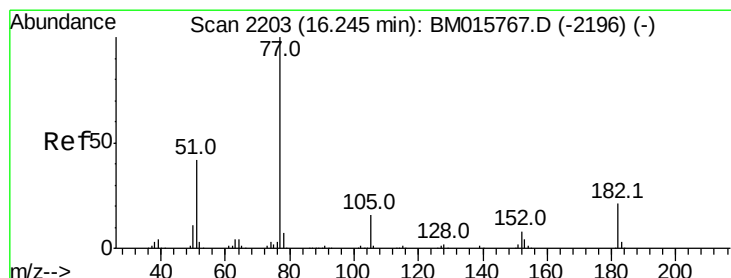
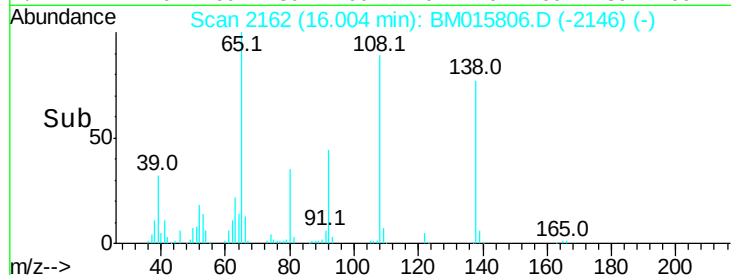
Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



Time-->



#62

Azobenzene

Concen: 49.887 ng

RT: 16.24 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.0	6.5	46.5
105	16.8	3.8	43.8
51	40.2	5.5	45.5

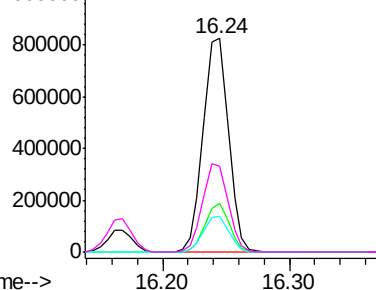
Abundance

Ion 77.00 (76.70 to 77.70): BM0

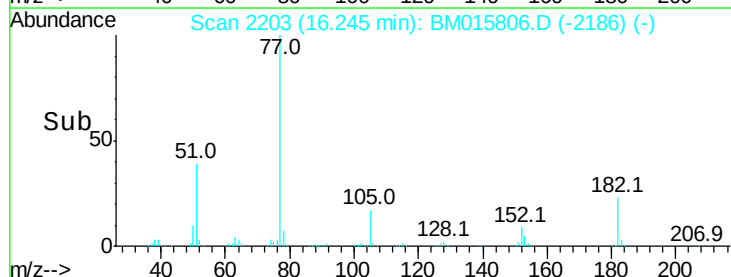
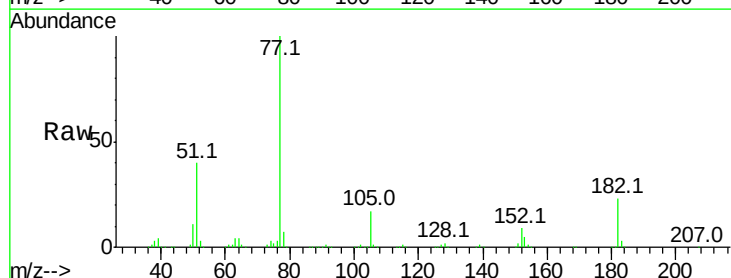
Ion 182.00 (181.70 to 182.70): E

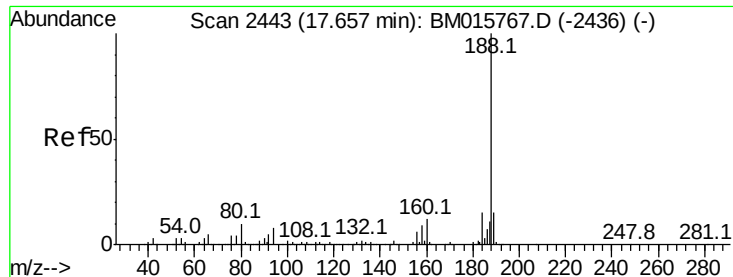
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



Time-->





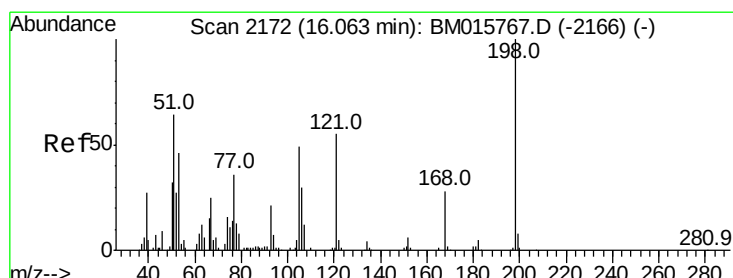
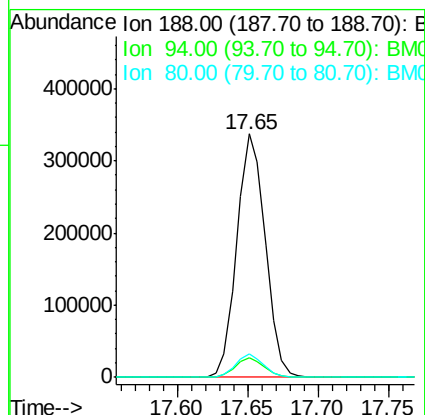
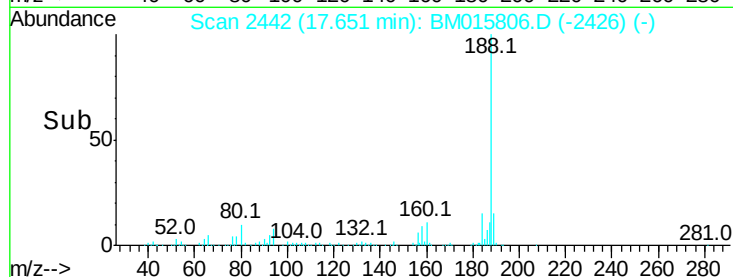
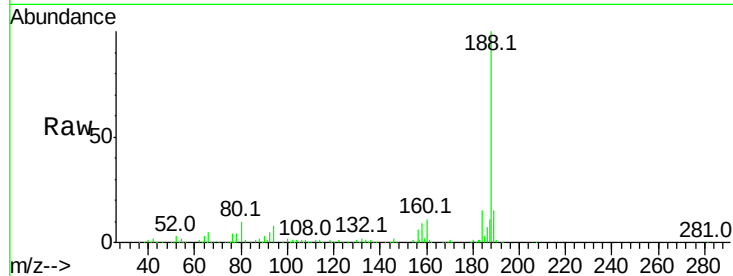
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	8.7	13.1#
80	9.7	9.3	13.9

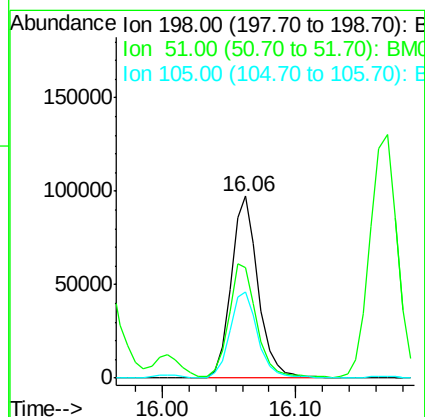
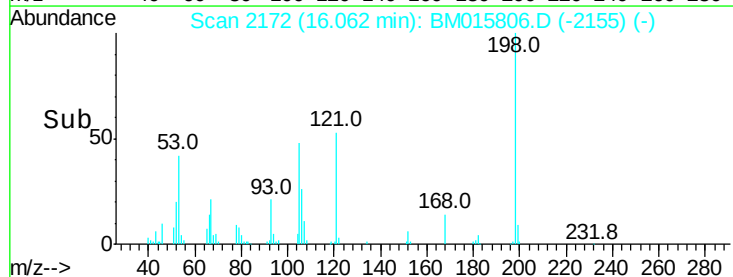
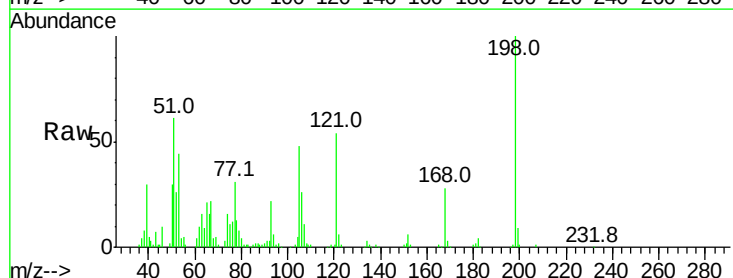
Manual Integrations
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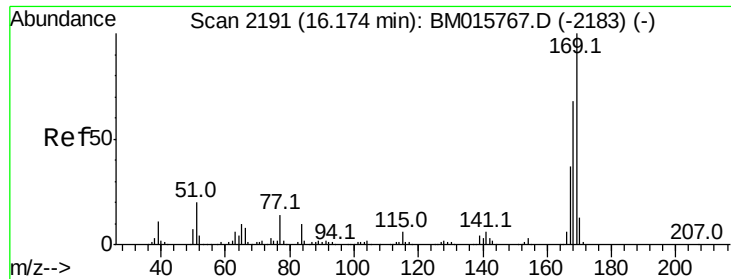
Sohil
7/9/2018 1:55:43 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 48.079 ng
RT: 16.06 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	60.9	28.8	68.8
105	47.7	30.5	70.5





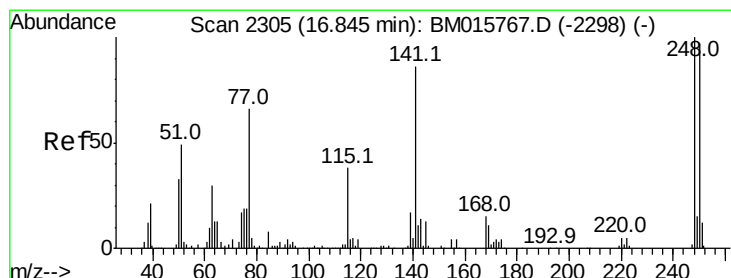
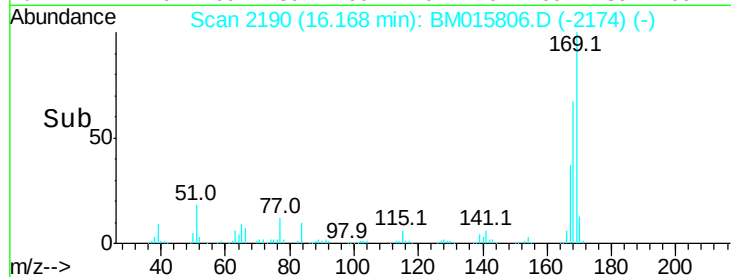
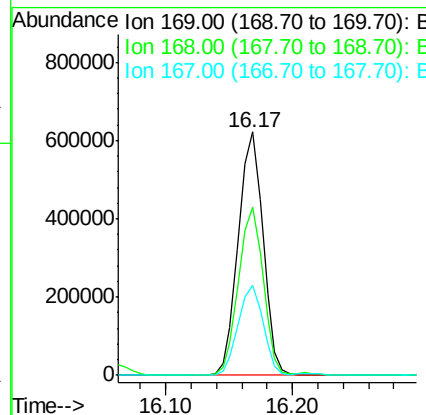
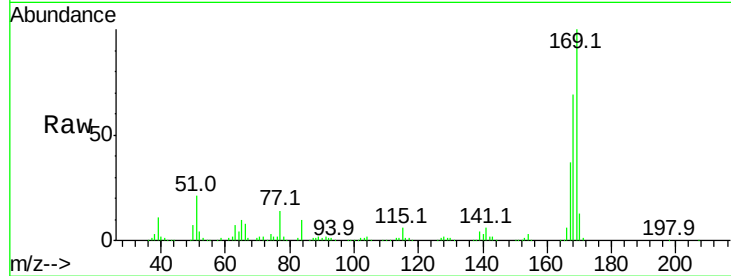
#65
n-Nitrosodiphenylamine
Concen: 51.925 ng
RT: 16.17 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	840011		
168	68.9		53.9	80.9
167	36.8		28.9	43.3

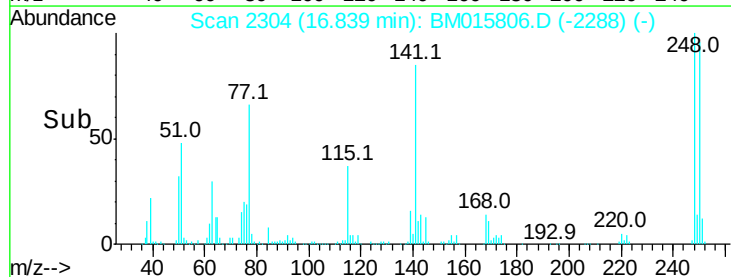
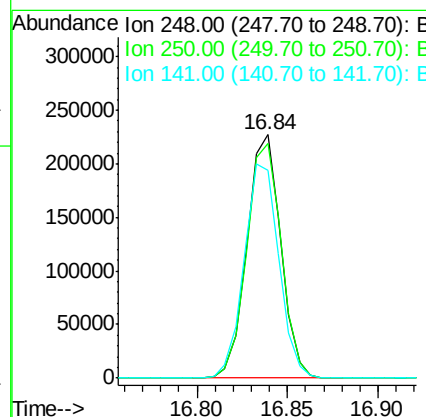
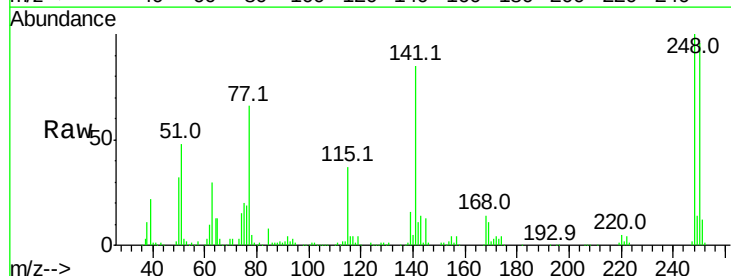
Manual Integrations
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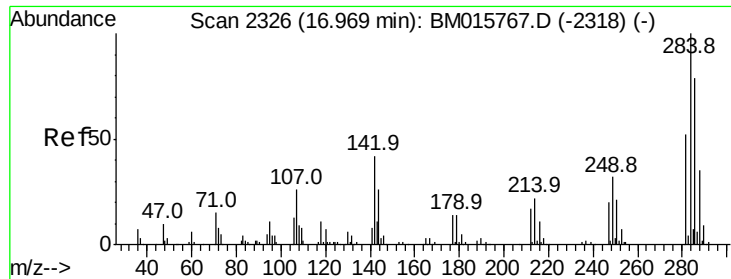
Sohil
7/9/2018 1:55:43 PM



#66
4-Bromophenyl-phenylether
Concen: 55.921 ng
RT: 16.84 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	294777		
250	96.5		77.4	116.0
141	85.5		45.2	67.8#





#67

Hexachlorobenzene

Concen: 54.232 ng

RT: 16.96 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

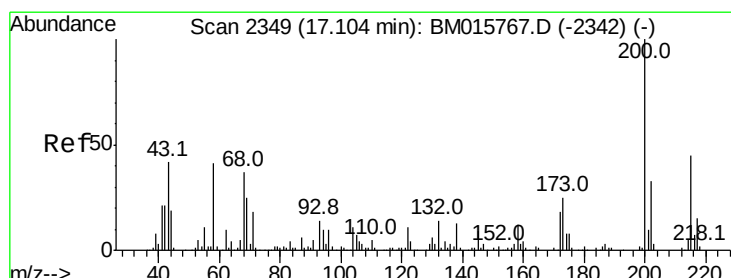
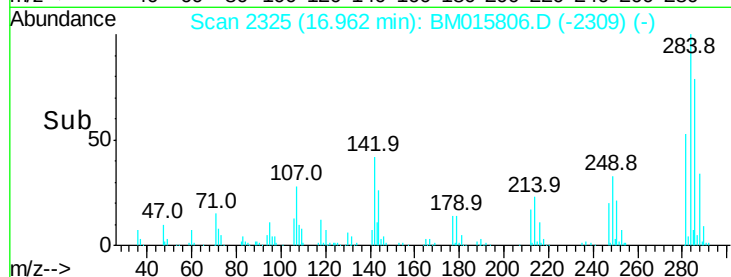
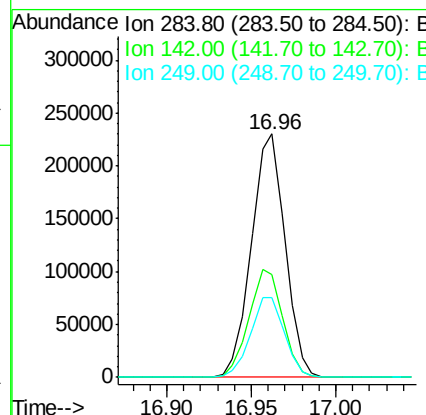
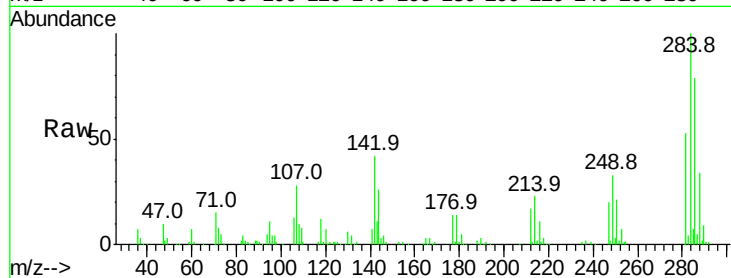
ClientSampleId :

PB110790BSD

Tot Ion:	284	Resp:	319449
Ion Ratio		Lower	Upper
284	100		
142	42.3	20.4	30.6#
249	33.0	23.8	35.6

Manual Integrations
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7/9/2018 1:55:43 PM



#68

Atrazine

Concen: 52.288 ng

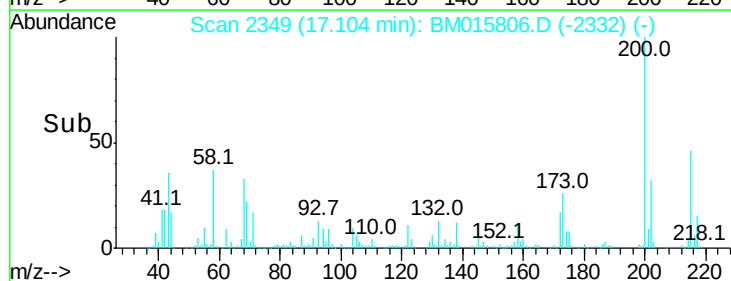
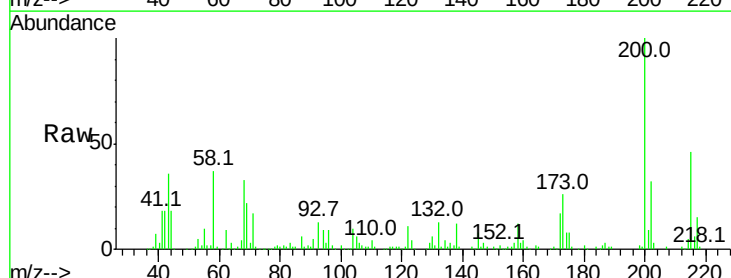
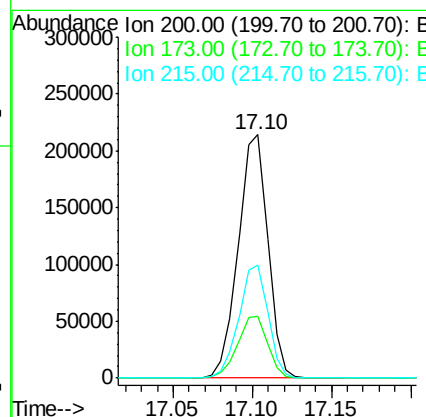
RT: 17.10 min Scan# 2349

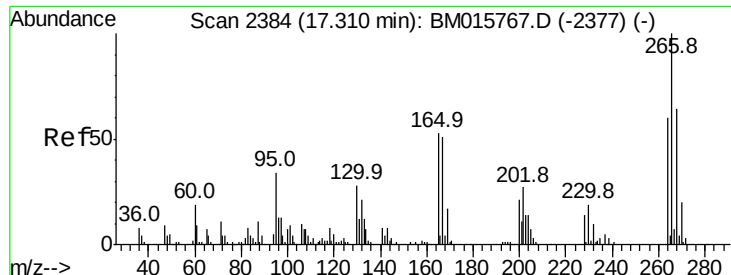
Delta R.T. -0.00 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Tgt Ion:	200	Resp:	278234
Ion Ratio		Lower	Upper
200	100		
173	25.6	4.8	44.8
215	46.5	26.9	66.9





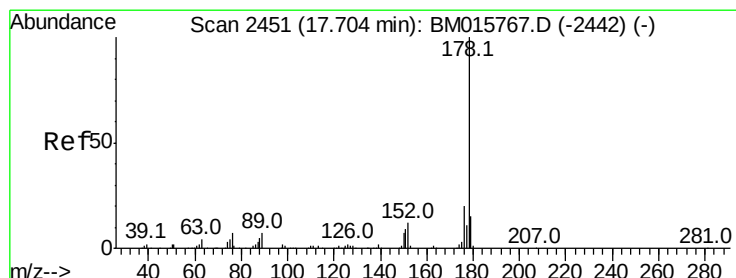
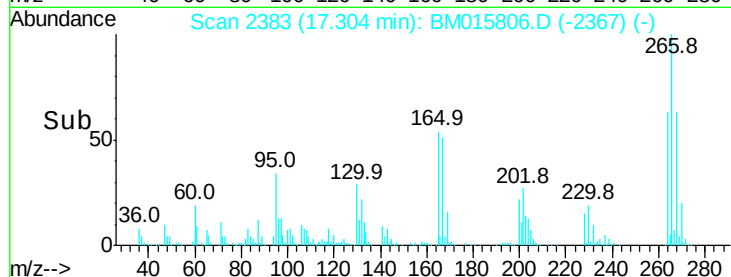
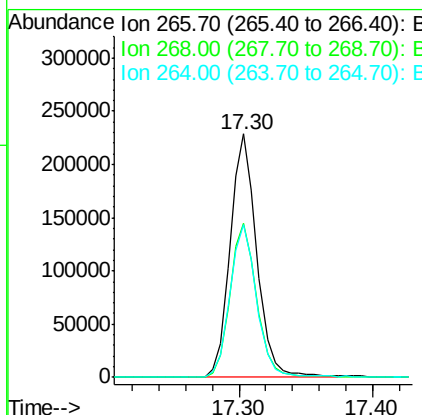
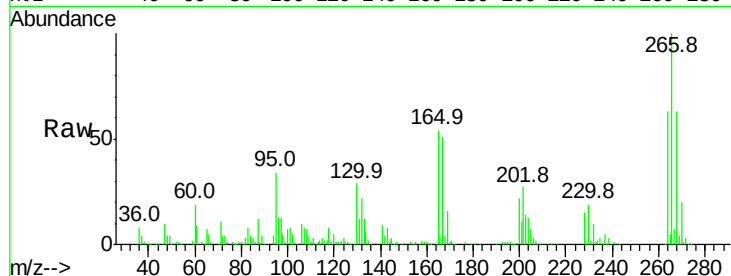
#69
 Pentachlorophenol
 Concen: 87.377 ng
 RT: 17.30 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.0	78.0
264	62.5	49.0	73.4

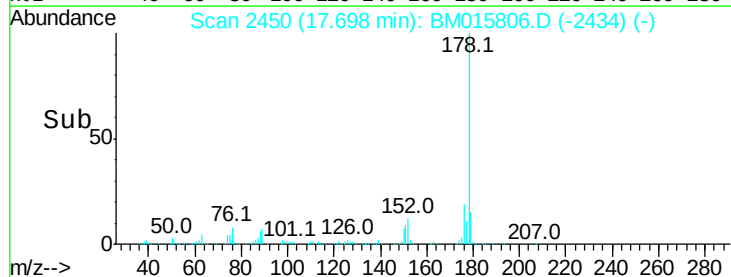
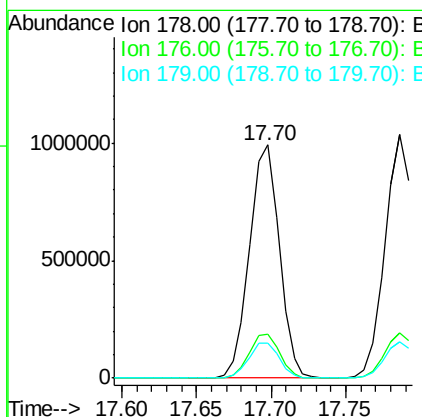
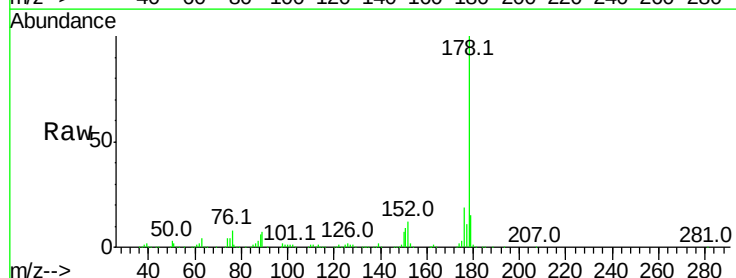
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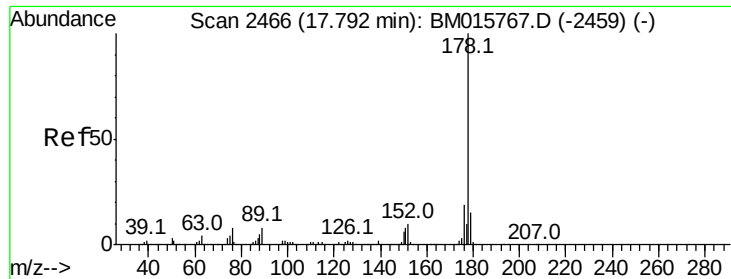
Sohil
 7/9/2018 1:55:43 PM



#70
 Phenanthrene
 Concen: 50.763 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

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





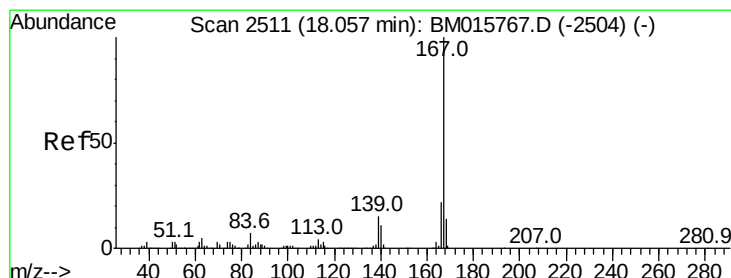
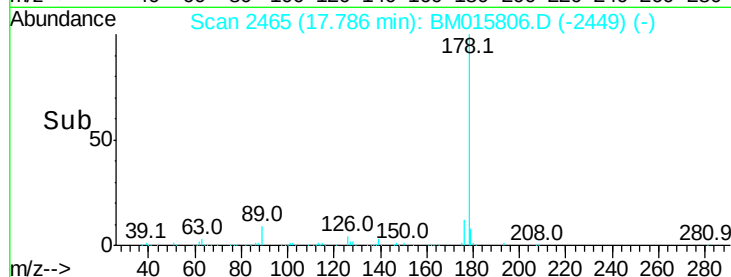
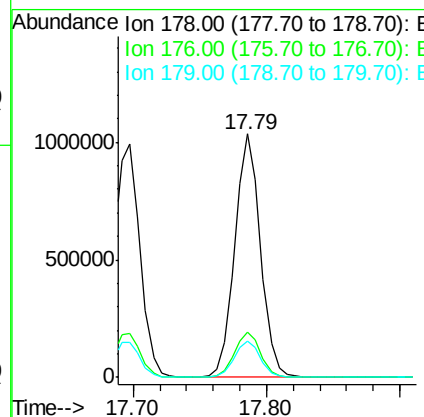
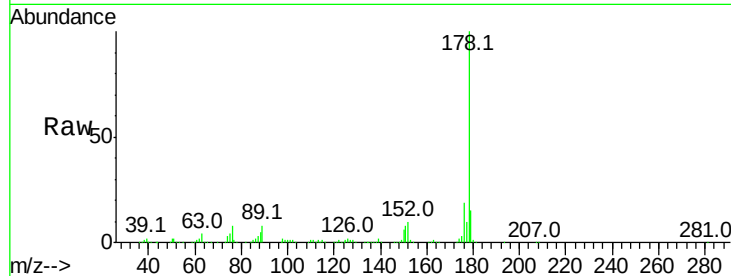
#71
 Anthracene
 Concen: 52.160 ng
 RT: 17.79 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.1	12.6	19.0

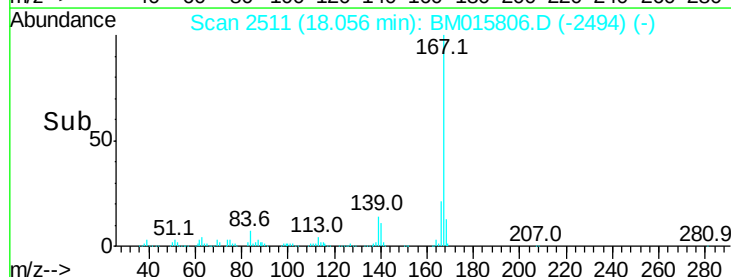
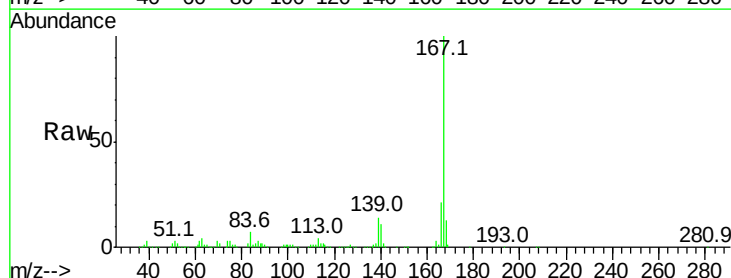
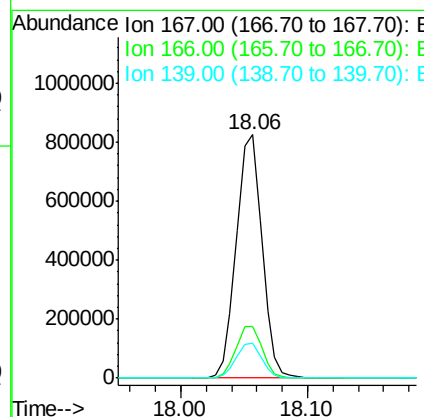
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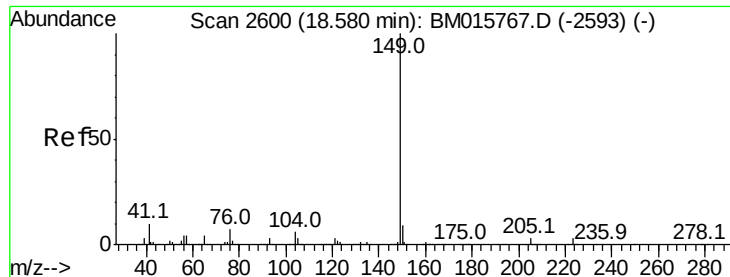
Sohil
 7/9/2018 1:55:43 PM



#72
 Carbazole
 Concen: 46.818 ng
 RT: 18.06 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	14.1	10.8	16.2





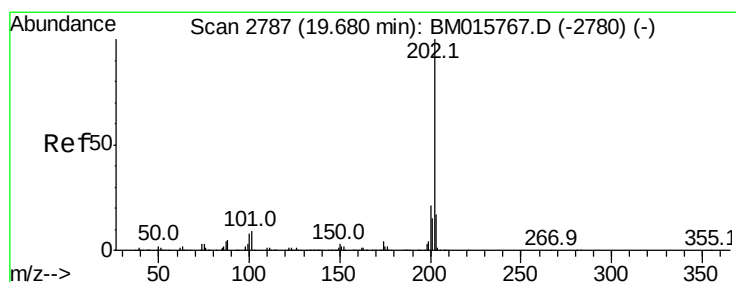
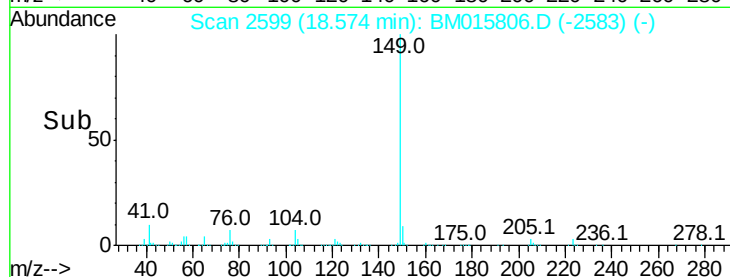
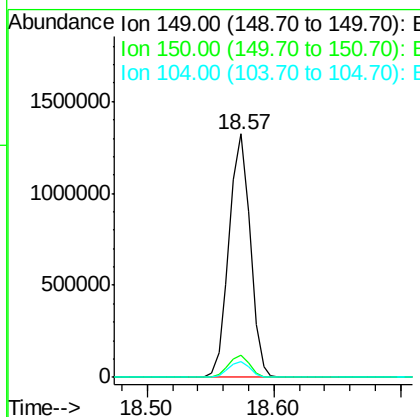
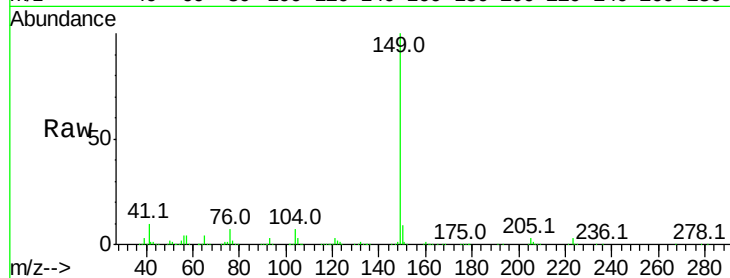
#73
Di-n-butylphthalate
Concen: 45.691 ng
RT: 18.57 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

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

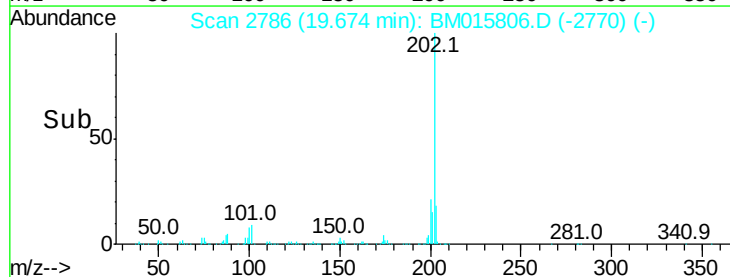
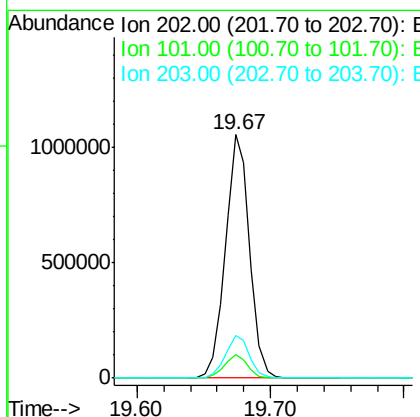
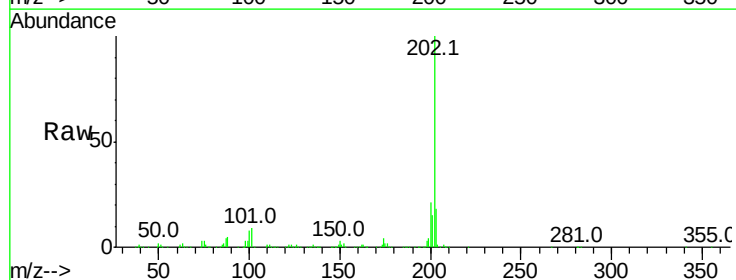
Manual Integrations
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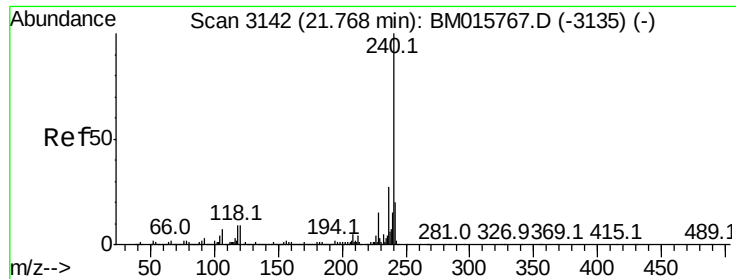
Sohil
7/9/2018 1:55:43 PM



#74
Fluoranthene
Concen: 42.926 ng
RT: 19.67 min Scan# 2786
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	28.7
203	17.6	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

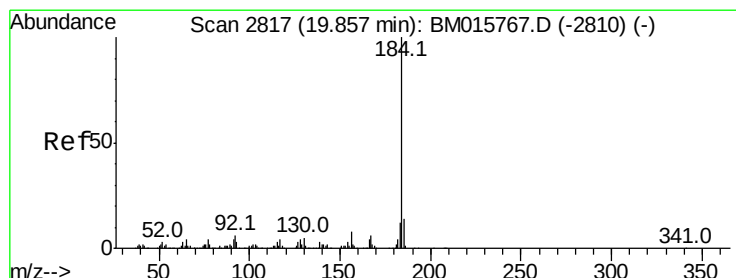
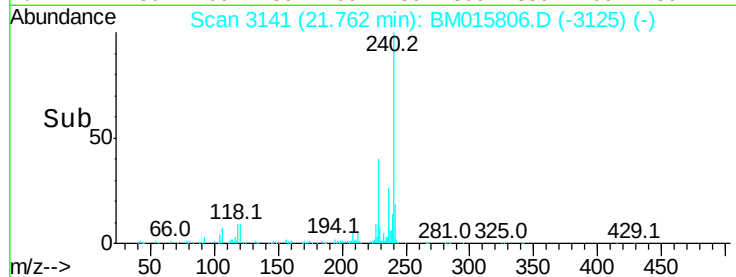
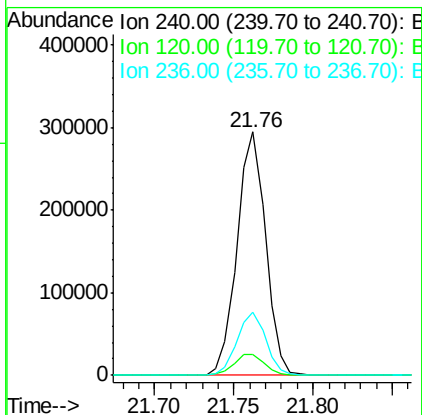
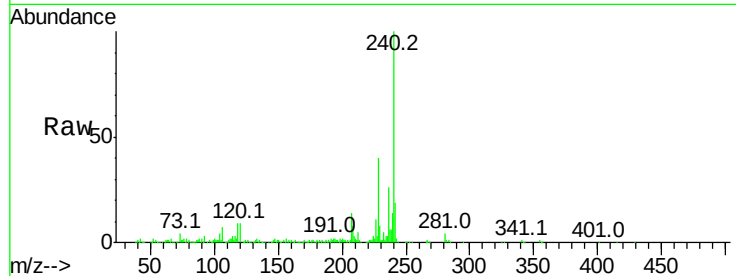
ClientSampleId :

PB110790BSD

Tot Ion:	240	Resp:	368038
Ion Ratio	Lower	Upper	
240	100		
120	8.8	8.2	12.2
236	25.7	20.0	30.0

Manual Integrations
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7/9/2018 1:55:43 PM



#76

Benzidine

Concen: 40.888 ng

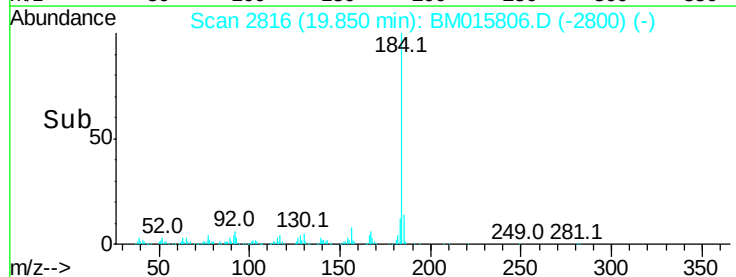
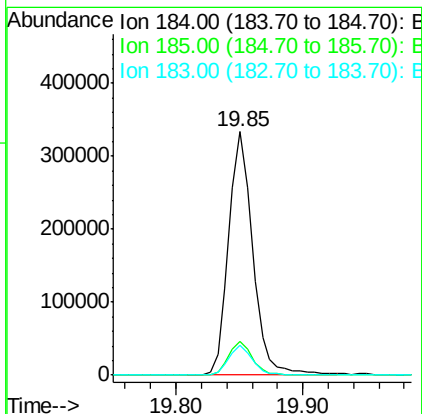
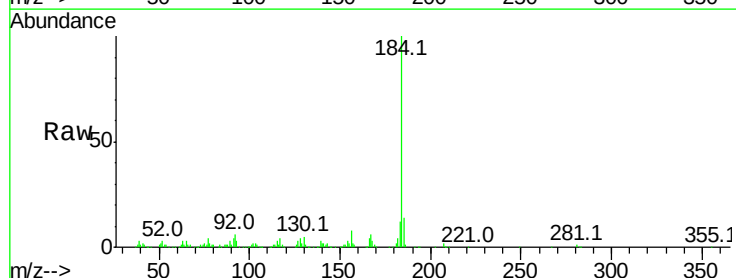
RT: 19.85 min Scan# 2816

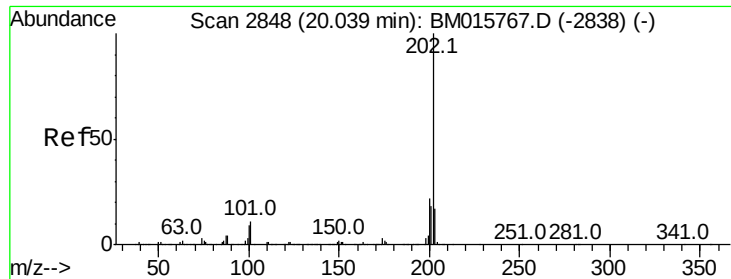
Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Tgt Ion:	184	Resp:	440898
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.3	16.9
183	12.0	8.9	13.3





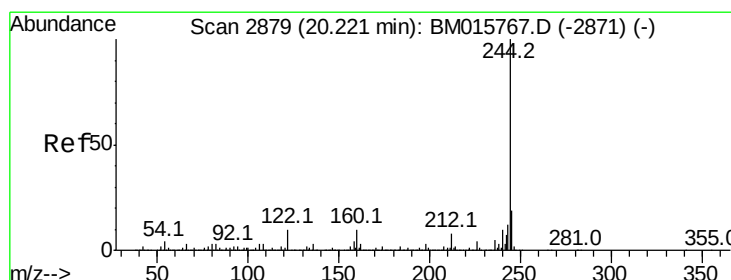
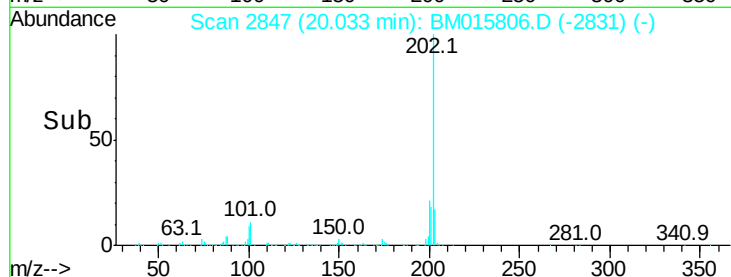
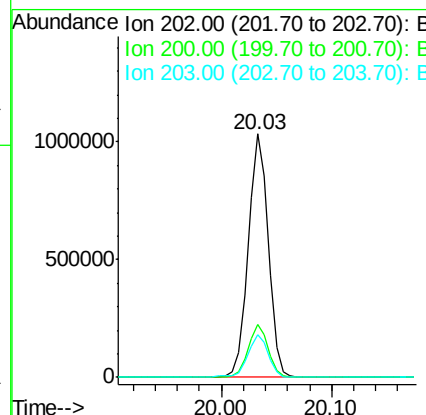
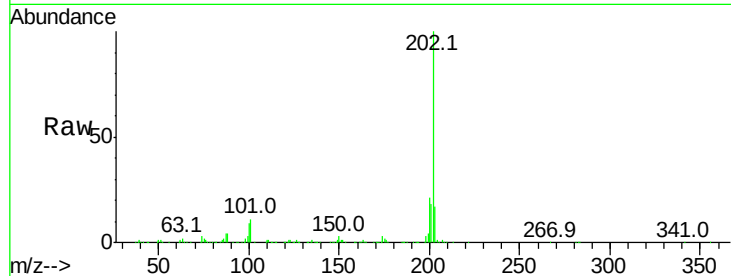
#77
Pvrene
Concen: 57.505 ng
RT: 20.03 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	17.4	14.1	21.1

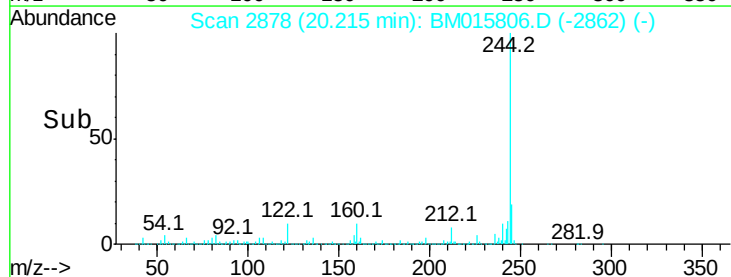
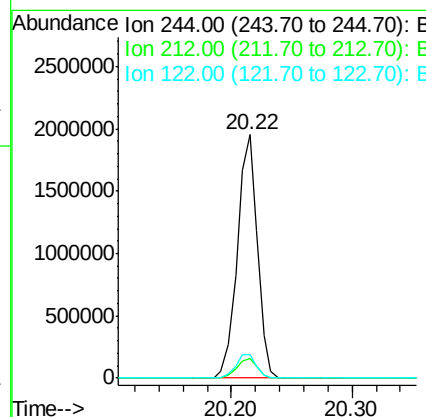
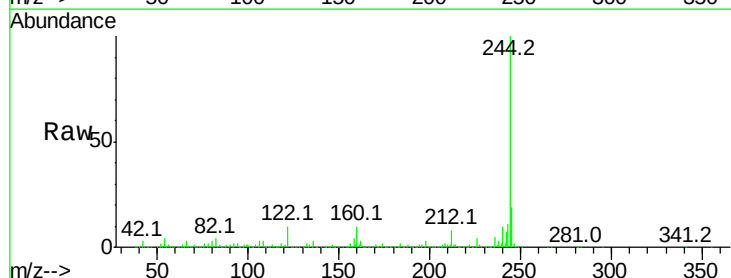
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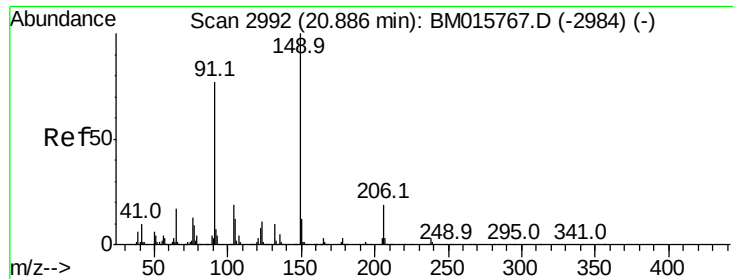
Sohil
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#78
Terphenyl-d14
Concen: 57.505 ng
RT: 20.22 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	9.8	6.2	9.4#





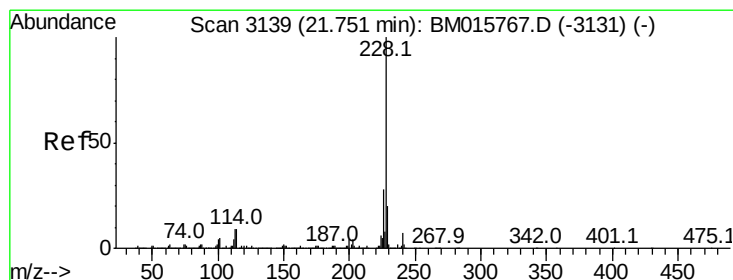
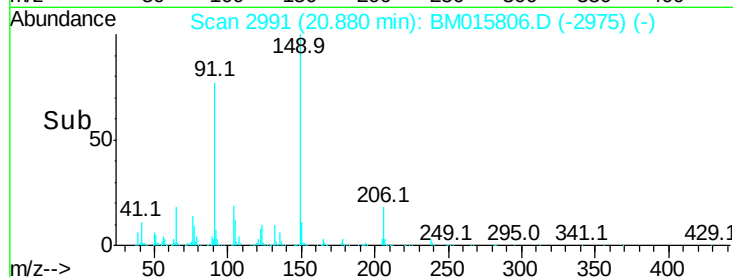
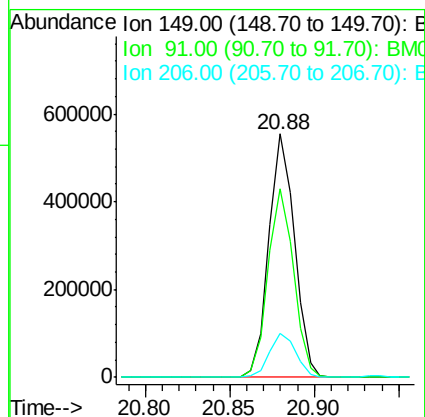
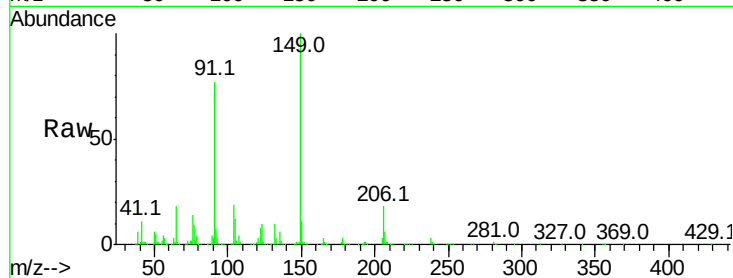
#79
Butylbenzylphthalate
Concen: 52.525 ng
RT: 20.88 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	77.4	50.1	75.1#
206	18.2	16.2	24.2

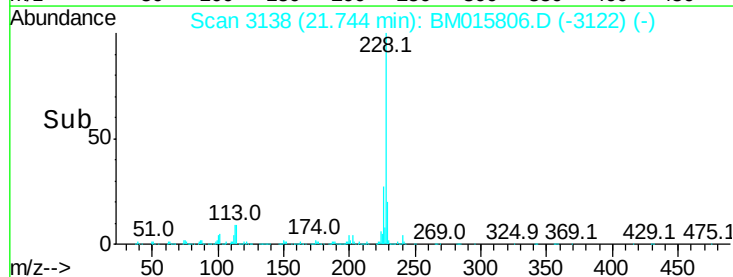
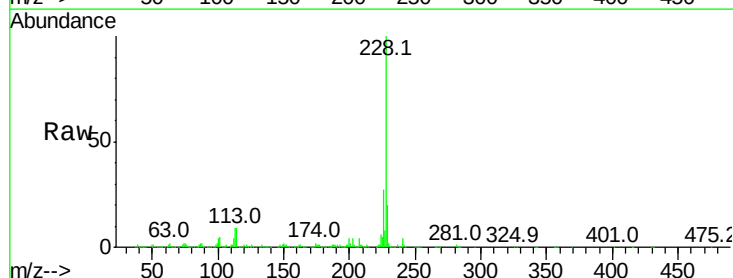
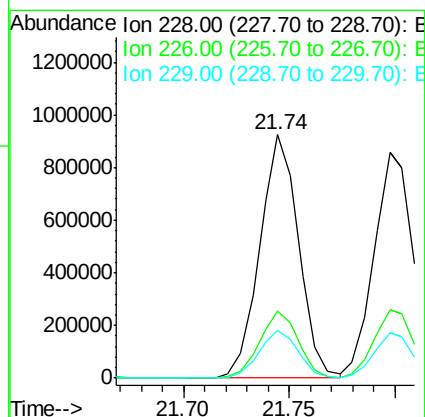
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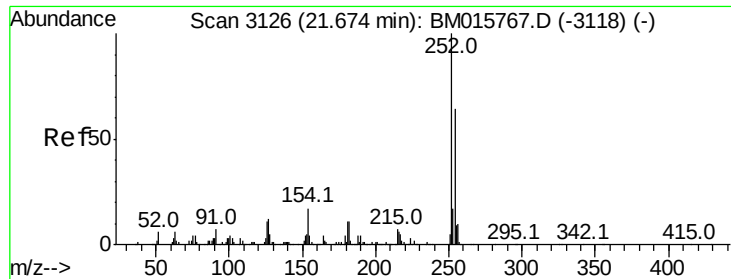
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#80
Benzo(a)anthracene
Concen: 50.507 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	19.7	16.0	24.0





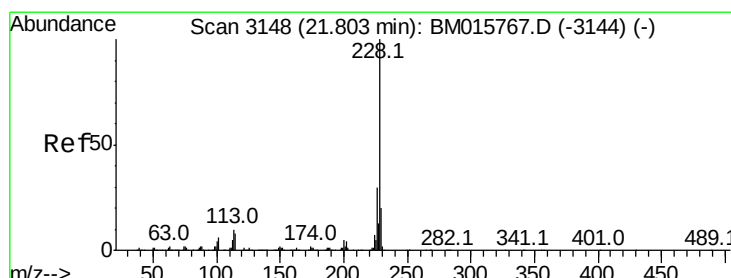
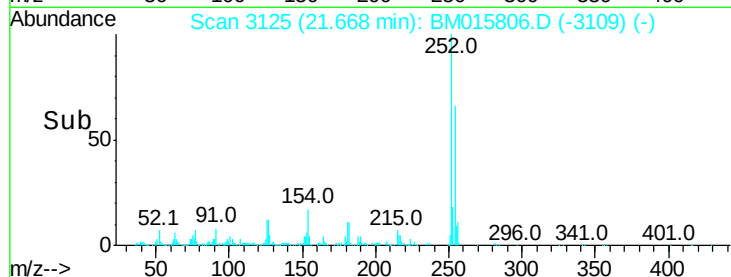
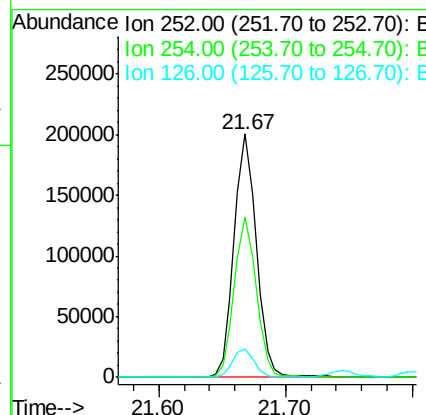
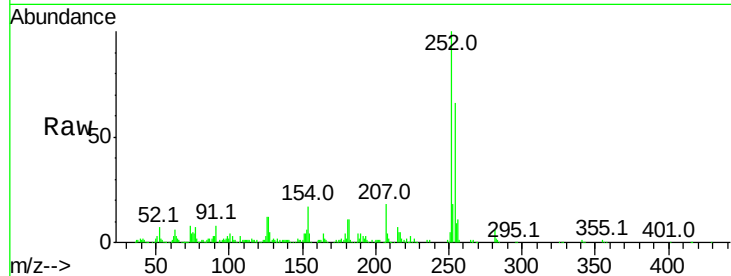
#81
 3,3'-Dichlorobenzidine
 Concen: 29.168 ng
 RT: 21.67 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.8	51.9	77.9
126	11.7	9.8	14.8

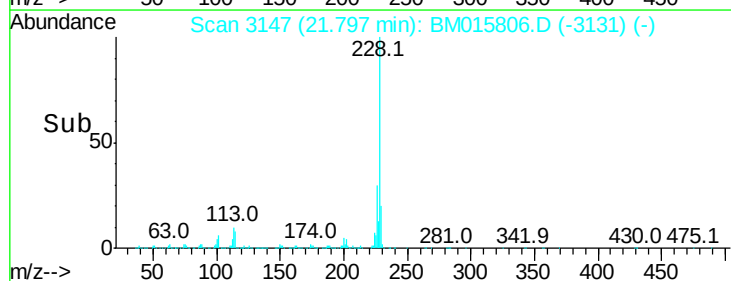
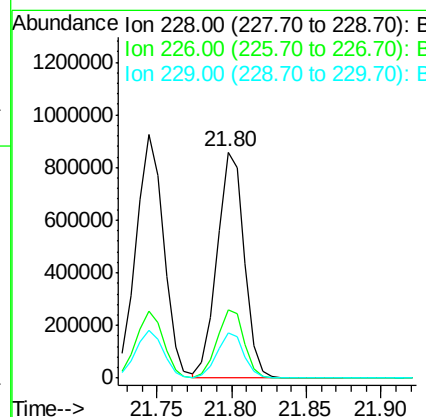
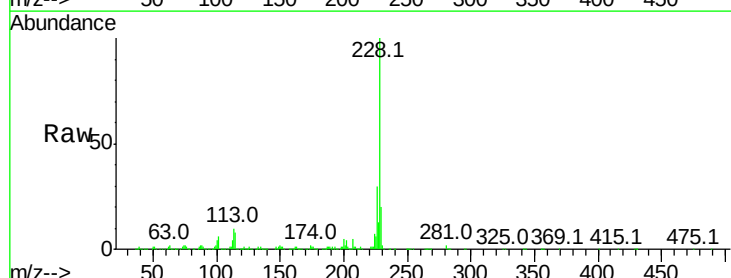
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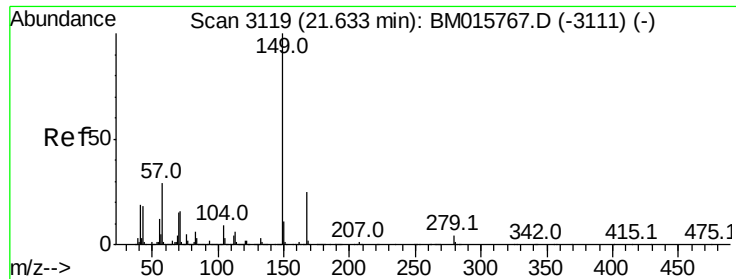
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#82
 Chrysene
 Concen: 50.323 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	19.9	15.5	23.3





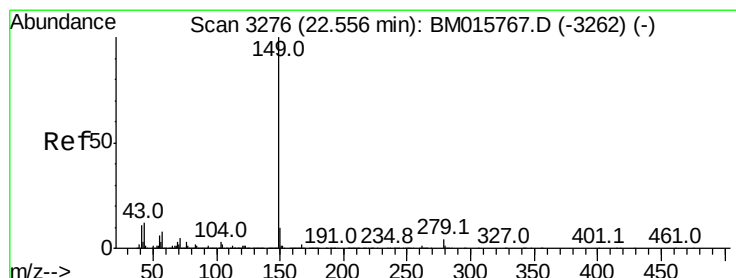
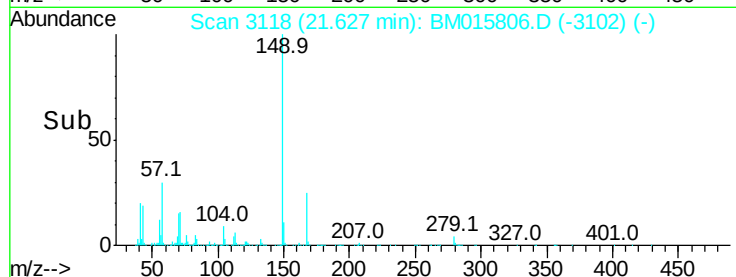
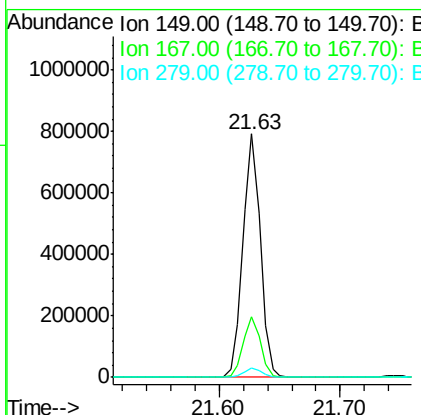
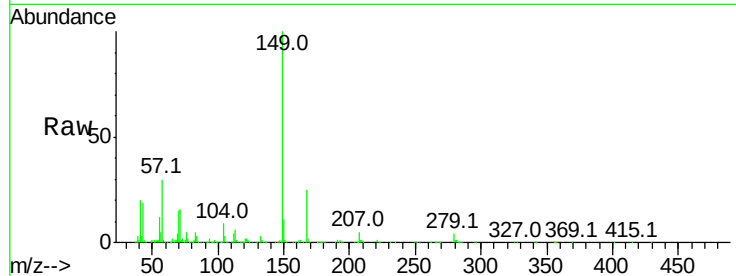
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.065 ng
 RT: 21.63 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.0	22.4	33.6
279	3.9	3.4	5.0

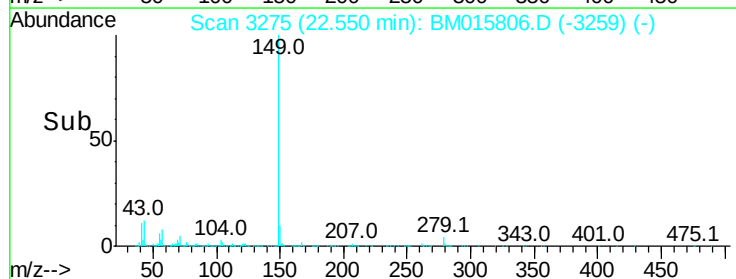
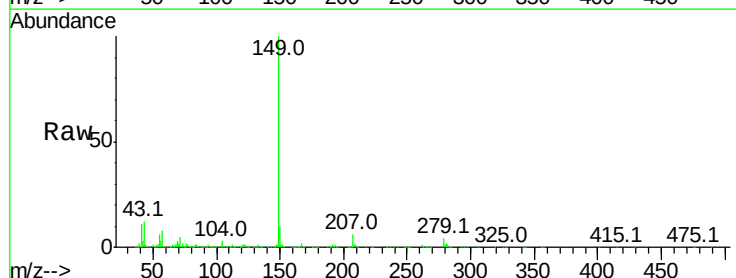
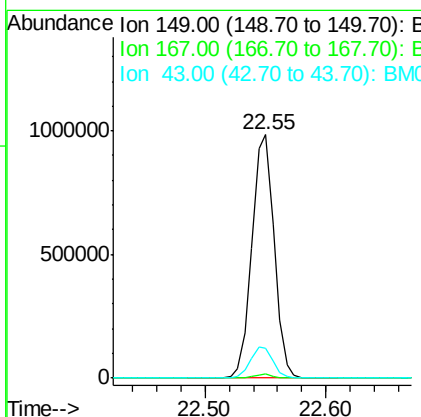
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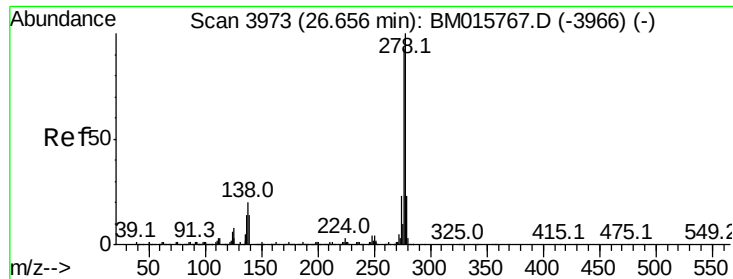
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#84
 Di-n-octyl phthalate
 Concen: 47.271 ng
 RT: 22.55 min Scan# 3275
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.8	7.3	10.9#





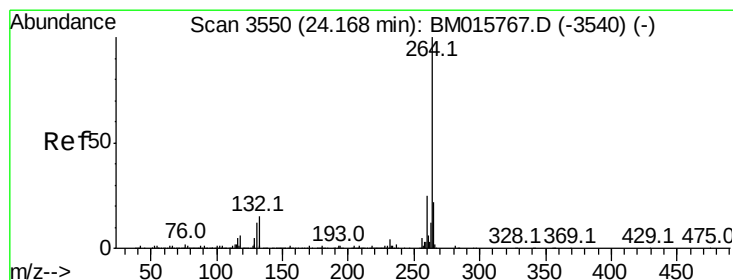
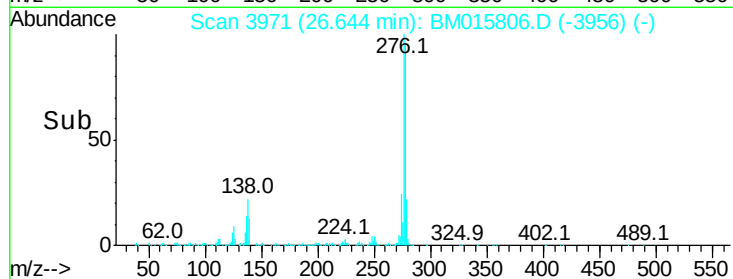
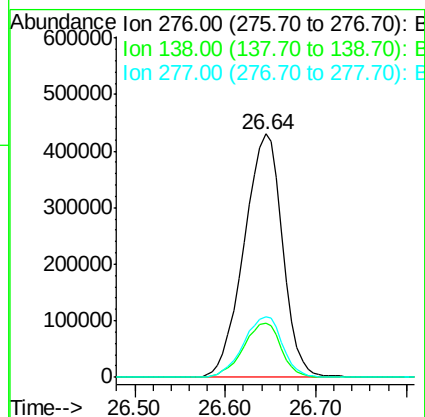
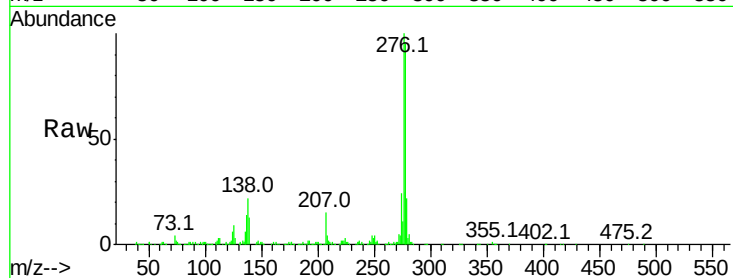
#85
Indeno(1,2,3-cd)pyrene
Concen: 62.866 ng
RT: 26.64 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Instrument :
BNA_M
ClientSampleId :
PB110790BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	12.0	18.0#
277	25.4	20.0	30.0

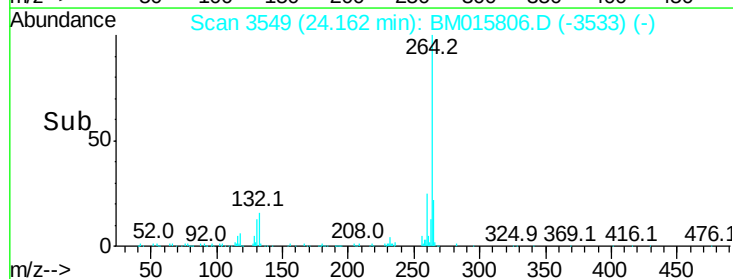
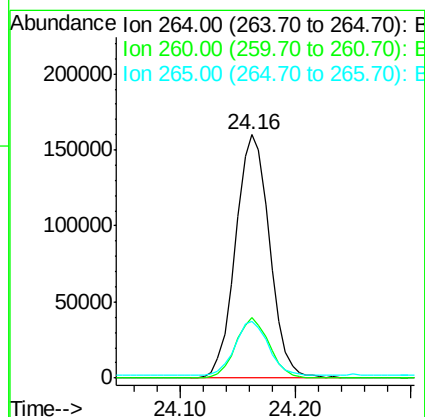
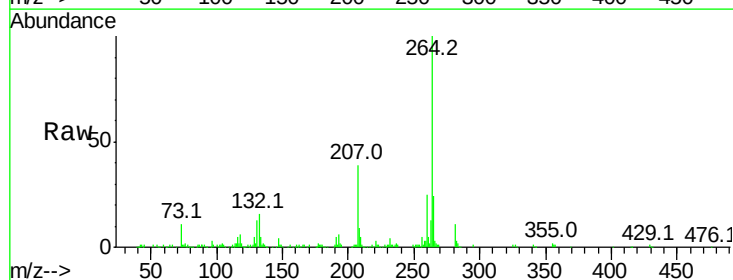
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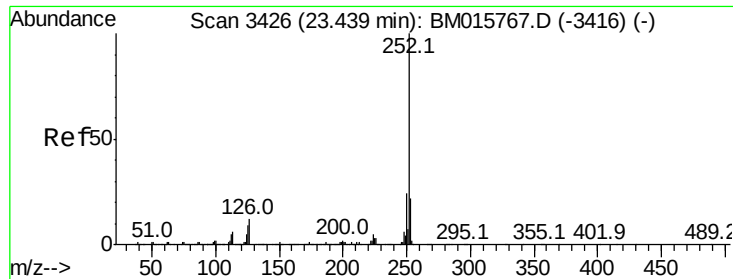
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM015806.D
Acq: 06 Jul 2018 17:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.6	27.8
265	23.5	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 50.585 ng

RT: 23.43 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

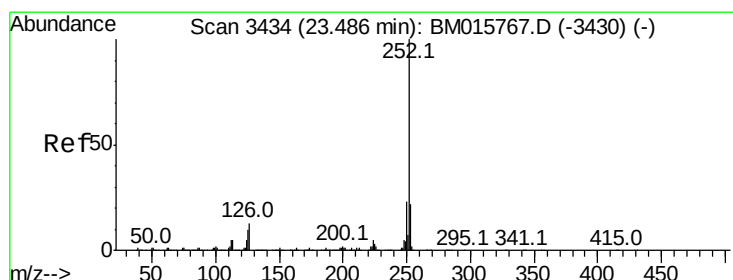
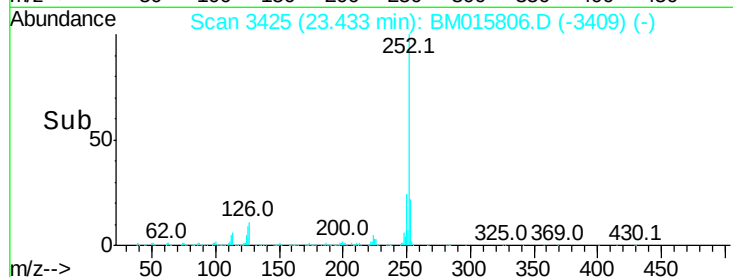
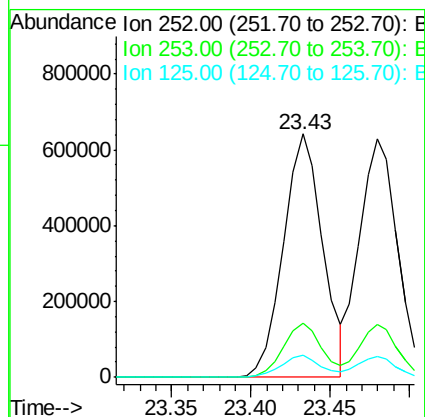
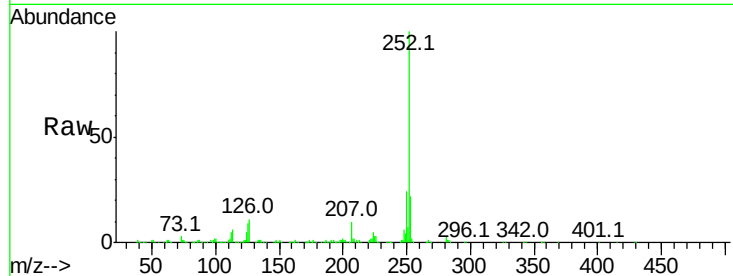
ClientSampleId :

PB110790BSD

Tot Ion:	252	Resp:	1104761
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	8.9	9.9	14.9#

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#88

Benzo(k)fluoranthene

Concen: 49.507 ng

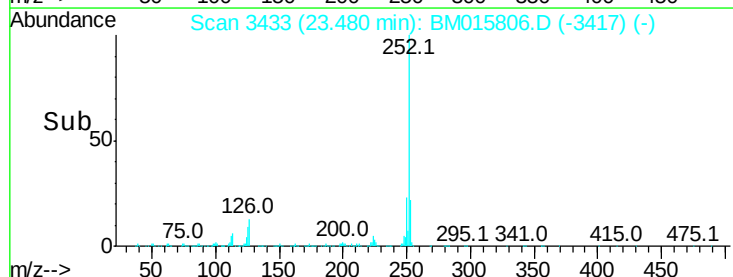
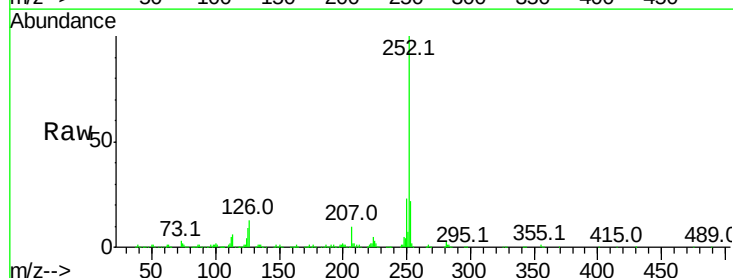
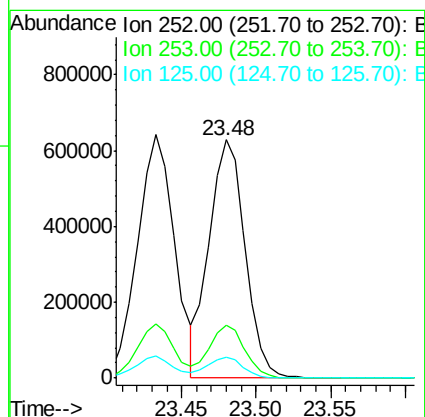
RT: 23.48 min Scan# 3433

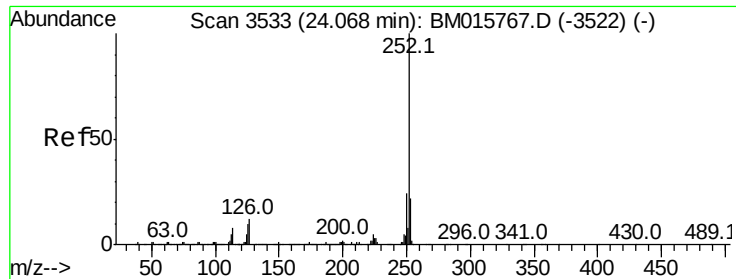
Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Tgt Ion:	252	Resp:	1050318
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	8.9	8.1	12.1





#89

Benzo(a)pyrene

Concen: 53.591 ng

RT: 24.06 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Instrument :

BNA_M

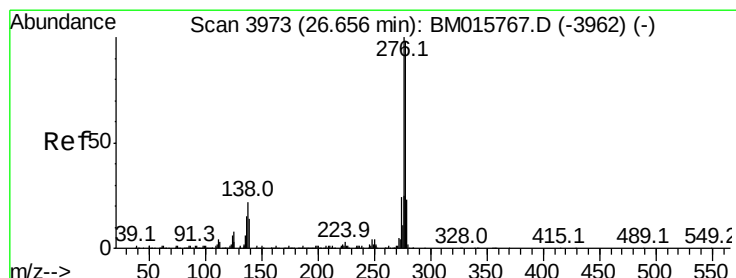
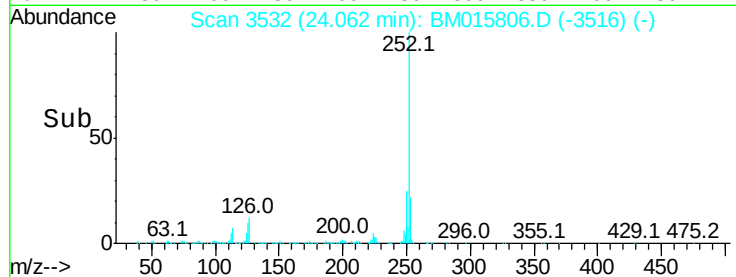
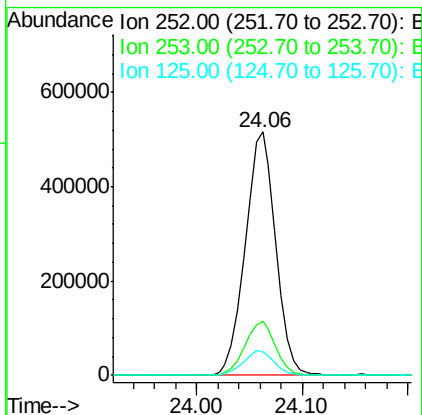
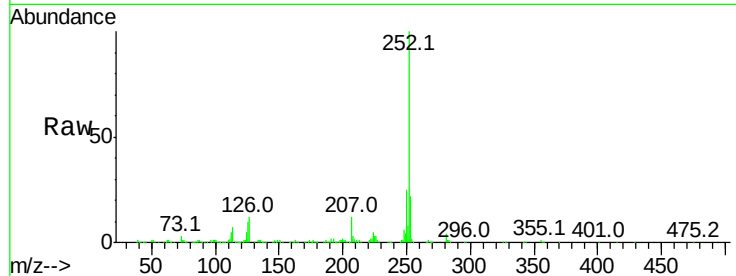
ClientSampleId :

PB110790BSD

Tot Ion:	252	Resp:	1030292
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	9.6	7.4	11.2

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#90

Dibenzo(a,h)anthracene

Concen: 62.699 ng

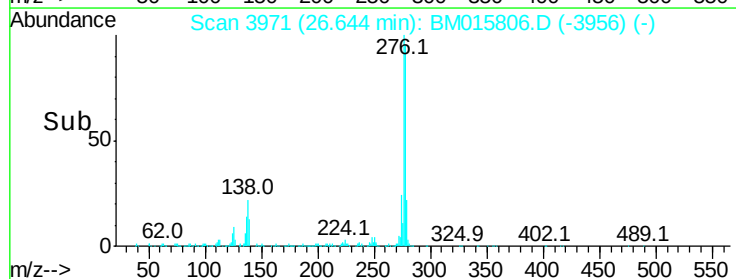
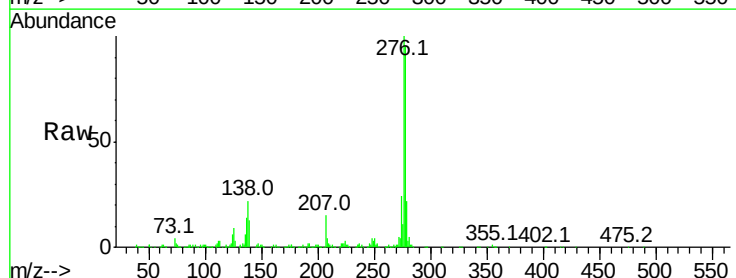
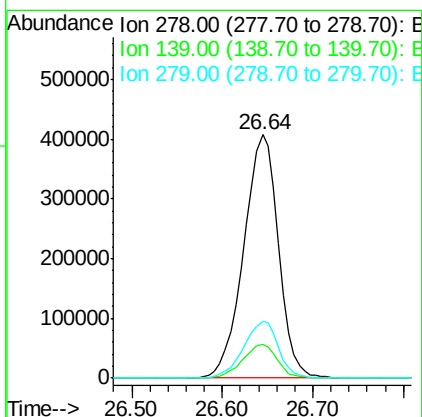
RT: 26.64 min Scan# 3971

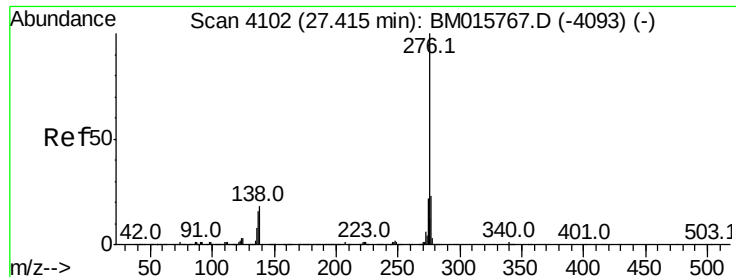
Delta R.T. -0.01 min

Lab File: BM015806.D

Acq: 06 Jul 2018 17:40

Tgt Ion:	278	Resp:	1084521
Ion	Ratio	Lower	Upper
278	100		
139	14.0	13.4	20.0
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 68.090 ng
 RT: 27.40 min Scan# 4100
 Delta R.T. -0.01 min
 Lab File: BM015806.D
 Acq: 06 Jul 2018 17:40

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.5	27.7
138	18.4	19.0	28.6

Manual Integrations
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