

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017234.D
 Acq On : 19 Oct 2018 17:39
 Operator : MJ/SJ
 Sample : PB113993BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

Manual Integrations
 APPROVED

Sohil
 10/22/2018 1:09:19 PM

Quant Time: Oct 20 04:20:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	329482	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1432800	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	832245	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1755415	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	1430348	20.00	ng	0.00
87) Perylene-d12	23.47	264	1143648	20.00	ng	-0.01

Sohil

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	2795598	143.51	ng	0.00
7) Phenol-d6	6.86	99	3658376	137.89	ng	0.00
23) Nitrobenzene-d5	8.82	82	2022600	82.56	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1464143	130.09	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	5058423	80.87	ng	0.00
79) Terphenyl-d14	19.70	244	4830385	76.12	ng	0.00

10/22/2018 1:09:19 PM

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	292262	29.380	ng	# 87
3) Pyridine	3.65	79	845851	36.955	ng	# 84
4) n-Nitrosodimethylamine	3.56	42	400441	43.581	ng	# 71
6) Aniline	7.01	93	1276522	38.466	ng	96
8) 2-Chlorophenol	7.24	128	1018086	45.174	ng	97
9) Benzaldehyde	6.82	77	461253	27.266	ng	94
10) Phenol	6.88	94	1245637	43.623	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	880560	38.685	ng	98
12) 1,3-Dichlorobenzene	7.56	146	1041181	39.631	ng	98
13) 1,4-Dichlorobenzene	7.70	146	1060186	39.499	ng	99
14) 1,2-Dichlorobenzene	8.02	146	1021406	39.496	ng	99
15) Benzyl Alcohol	7.92	79	896550	46.230	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.19	45	1208079	37.989	ng	99
17) 2-Methylphenol	8.11	107	843611	46.029	ng	96
18) Hexachloroethane	8.73	117	384461	41.854	ng	100
19) n-Nitroso-di-n-propylamine	8.47	70	728582	41.705	ng	99
20) 3+4-Methylphenols	8.44	107	1144200	45.645	ng	98
22) Acetophenone	8.49	105	1471297	40.510	ng	99
24) Nitrobenzene	8.86	77	1089099	42.028	ng	95
25) Isophorone	9.39	82	1927130	47.638	ng	98
26) 2-Nitrophenol	9.57	139	530422	44.242	ng	97
27) 2,4-Dimethylphenol	9.63	122	946180	52.895	ng	99
28) bis(2-Chloroethoxy)methane	9.87	93	1241758	43.612	ng	99
29) 2,4-Dichlorophenol	10.10	162	987911	47.567	ng	100
30) 1,2,4-Trichlorobenzene	10.31	180	1002470	40.236	ng	98
31) Naphthalene	10.49	128	3036113	43.240	ng	99
32) Benzoic acid	9.79	122	607679	45.530	ng	92
33) 4-Chloroaniline	10.61	127	615257	20.288	ng	98
34) Hexachlorobutadiene	10.77	225	622283	39.419	ng	98
35) Caprolactam	11.41	113	279601m	36.940	ng	
36) 4-Chloro-3-methylphenol	11.74	107	1050672	44.879	ng	96
37) 2-Methylnaphthalene	12.11	142	2289200	47.643	ng	98
38) 1-Methylnaphthalene	12.33	142	2179170	46.598	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	1198859	40.904	ng	# 98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101918\
 Data File : BM017234.D
 Acq On : 19 Oct 2018 17:39
 Operator : MJ/SJ
 Sample : PB113993BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

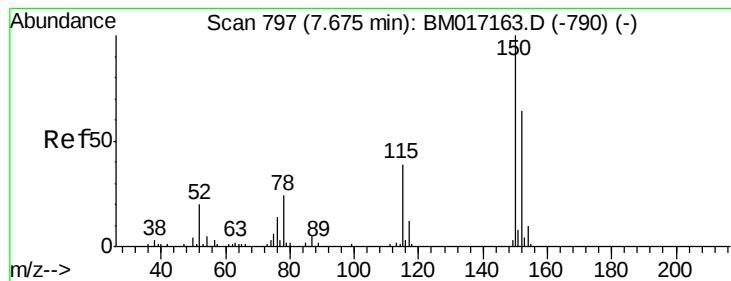
Manual Integrations
 APPROVED

Sohil
 10/22/2018 1:09:19 PM

Quant Time: Oct 20 04:20:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	1754988	123.862	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	794332	46.687	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	845459	46.341	ng	97
46) 1,1'-Biphenyl	13.14	154	2968015	39.630	ng	99
47) 2-Chloronaphthalene	13.17	162	2265759	41.123	ng	99
48) 2-Nitroaniline	13.39	65	652083	42.616	ng	98
49) Acenaphthylene	14.03	152	3627396	45.420	ng	100
50) Dimethylphthalate	13.78	163	2709045	42.192	ng	99
51) 2,6-Dinitrotoluene	13.90	165	599774	42.441	ng	99
52) Acenaphthene	14.37	154	2123966	42.357	ng	98
53) 3-Nitroaniline	14.23	138	396041	25.876	ng	98
54) 2,4-Dinitrophenol	14.43	184	667018	80.408	ng	96
55) Dibenzofuran	14.71	168	3374877	40.472	ng	98
56) 4-Nitrophenol	14.54	139	1009899	72.846	ng	95
57) 2,4-Dinitrotoluene	14.69	165	818720	43.104	ng	98
58) Fluorene	15.36	166	2692306	43.620	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	763162	45.889	ng	98
60) Diethylphthalate	15.15	149	2685189	42.169	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	1388101	39.449	ng	97
62) 4-Nitroaniline	15.40	138	590433	35.898	ng	94
63) Azobenzene	15.66	77	2608262	42.142	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	461103	41.940	ng	97
66) n-Nitrosodiphenylamine	15.58	169	2347708	44.205	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	863774	44.814	ng	97
68) Hexachlorobenzene	16.36	284	936914	41.846	ng	98
69) Atrazine	16.54	200	831489	43.744	ng	98
70) Pentachlorophenol	16.71	266	1098749	71.638	ng	99
71) Phenanthrene	17.10	178	4060920	42.877	ng	100
72) Anthracene	17.19	178	4137144	45.972	ng	100
73) Carbazole	17.47	167	3545616	38.570	ng	99
74) Di-n-butylphthalate	18.04	149	4197826	43.296	ng	99
75) Fluoranthene	19.12	202	4292450	40.277	ng	99
77) Benzidine	19.32	184	2087480	57.556	ng	99
78) Pyrene	19.49	202	4305042	53.852	ng	100
80) Butylbenzylphthalate	20.40	149	1584085	51.464	ng	97
81) Benzo(a)anthracene	21.24	228	3657299	45.437	ng	100
82) 3,3'-Dichlorobenzidine	21.18	252	818327	27.278	ng	100
83) Chrysene	21.29	228	3407528	42.770	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	2148921	46.372	ng	99
85) Di-n-octyl phthalate	22.06	149	3228115	41.759	ng	100
86) Indeno(1,2,3-cd)pyrene	25.68	276	2900391	32.548	ng	99
88) Benzo(b)fluoranthene	22.80	252	3007348	48.097	ng	100
89) Benzo(k)fluoranthene	22.85	252	2970402	47.343	ng	98
90) Benzo(a)pyrene	23.37	252	2757180	46.442	ng	98
91) Dibenzo(a,h)anthracene	25.69	278	2448115	41.529	ng	99
92) Benzo(g,h,i)perylene	26.36	276	2388118	40.874	ng	98

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



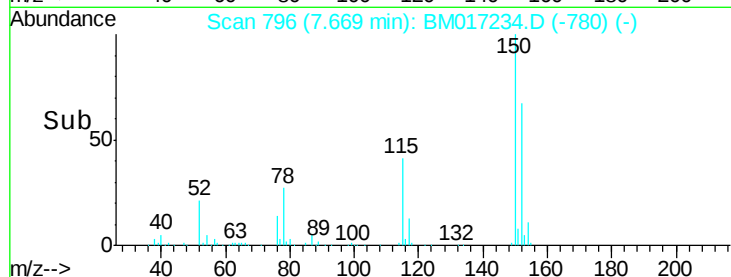
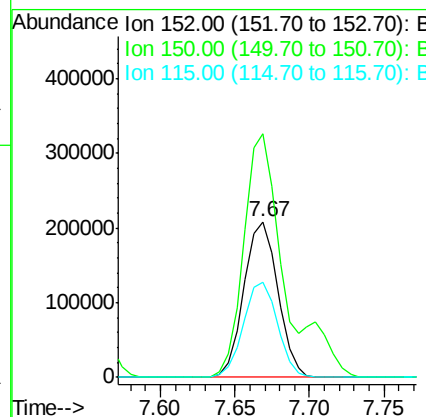
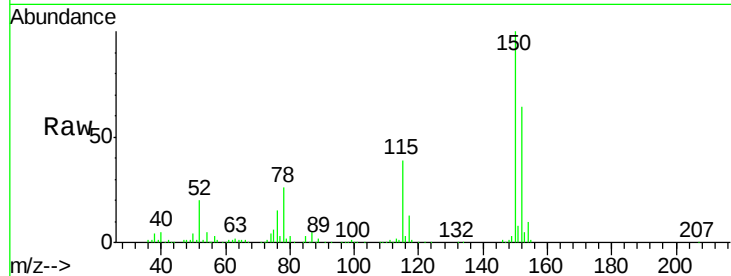
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.67 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampled :
 PB113993BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.3	186.5
115	60.7	48.1	72.1

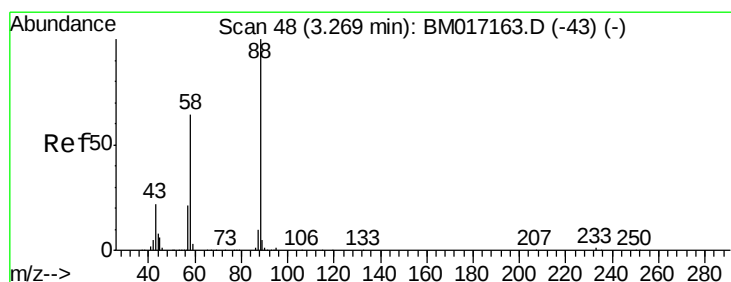
Manual Integrations
 APPROVED

Sohil
 10/22/2018 1:09:19 PM



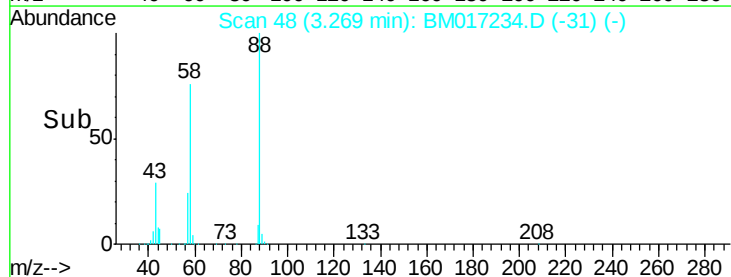
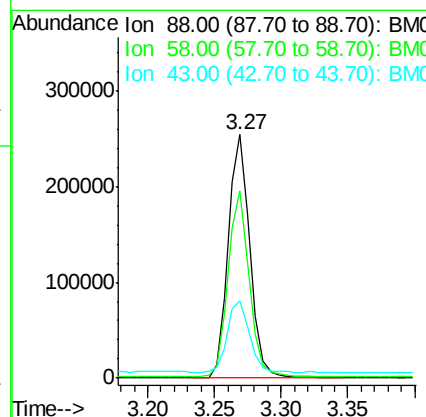
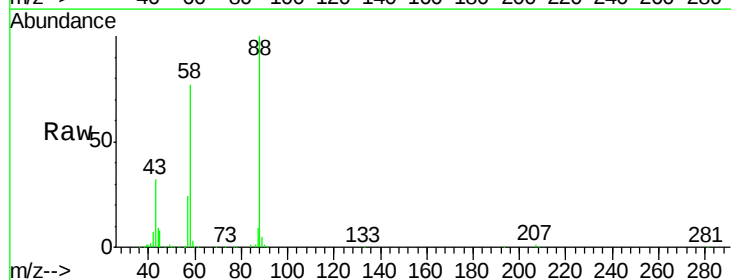
Sohil

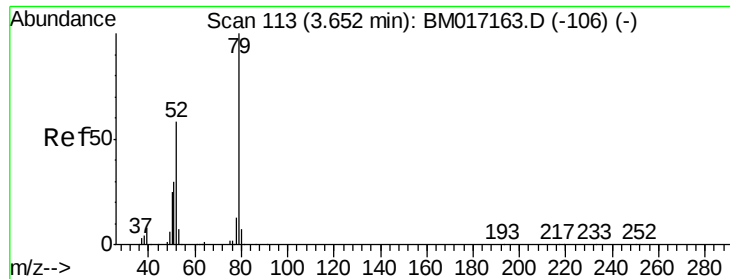
10/22/2018 1:09:19 PM



#2
 1,4-Dioxane
 Concen: 29.380 ng
 RT: 3.27 min Scan# 48
 Delta R.T. -0.00 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	50.2	75.4
43	29.8	19.3	28.9





#3

Pyridine

Concen: 36.955 ng

RT: 3.65 min Scan# 112

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

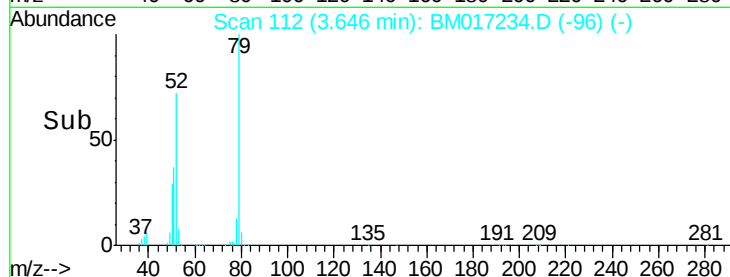
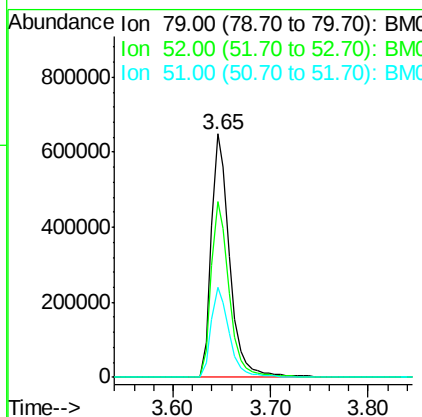
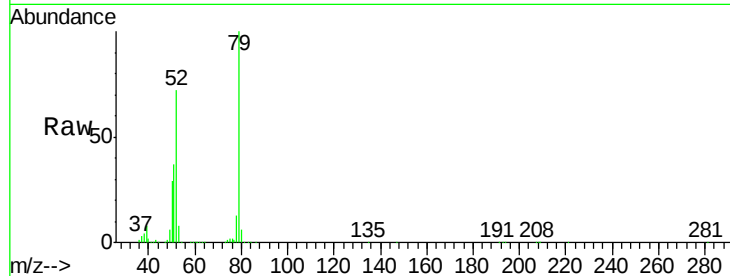
ClientSampleId :

PB113993BS

Tgt Ion:	79	Resp:	845851
Ion Ratio	Lower	Upper	
79	100		
52	72.0	46.5	69.7#
51	37.1	24.6	37.0#

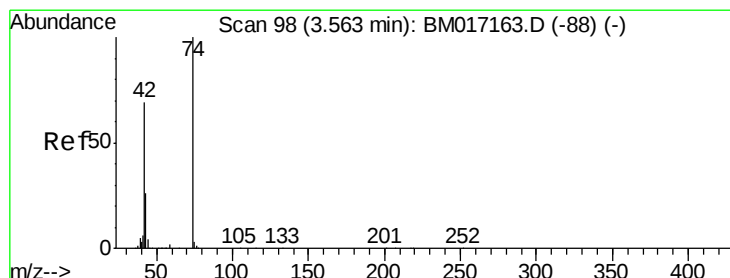
Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM



Sohil

10/22/2018 1:09:19 PM



#4

n-Nitrosodimethylamine

Concen: 43.581 ng

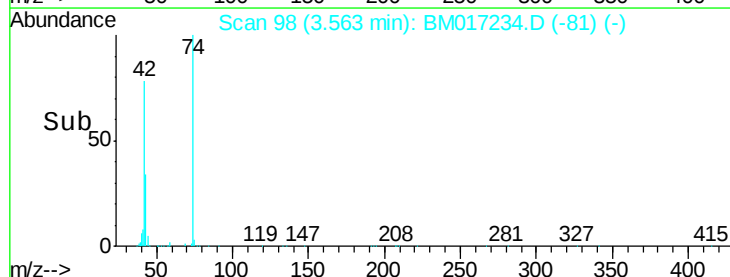
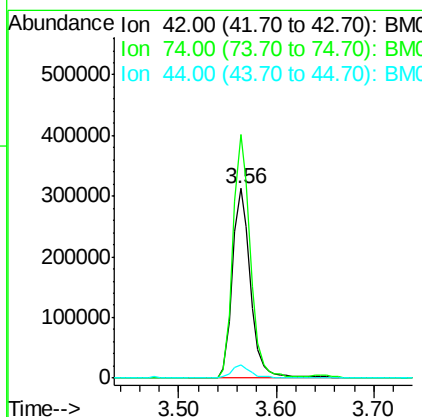
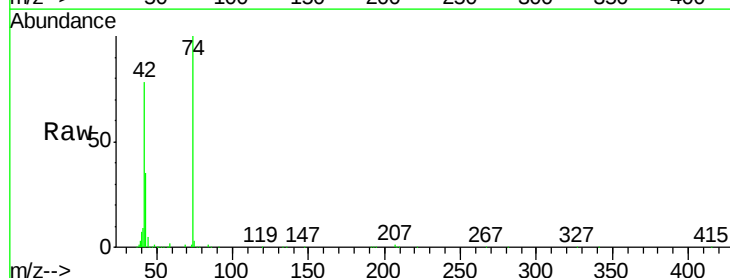
RT: 3.56 min Scan# 98

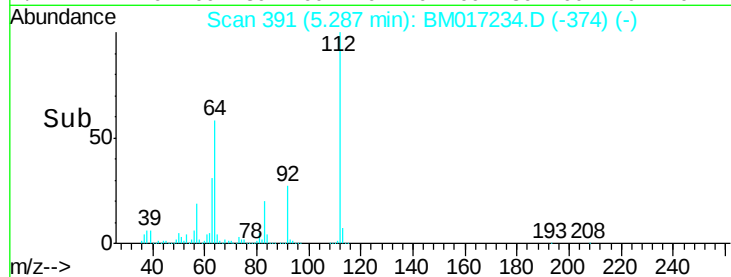
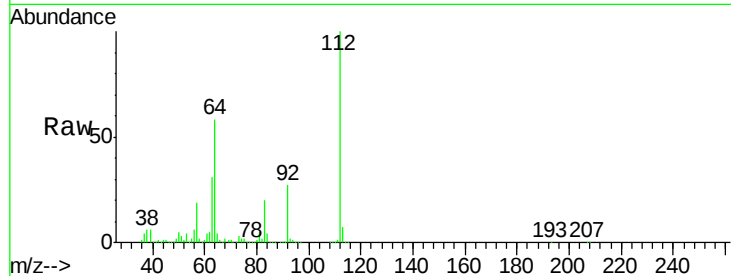
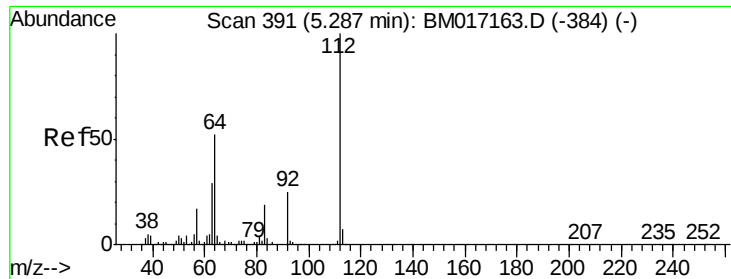
Delta R.T. -0.00 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:	42	Resp:	400441
Ion Ratio	Lower	Upper	
42	100		
74	128.3	114.4	171.6
44	7.0	48.6	73.0#





#5

2-Fluorophenol

Concen: 143.507 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	41.7	62.5
63	31.2	23.0	34.4

Instrument :

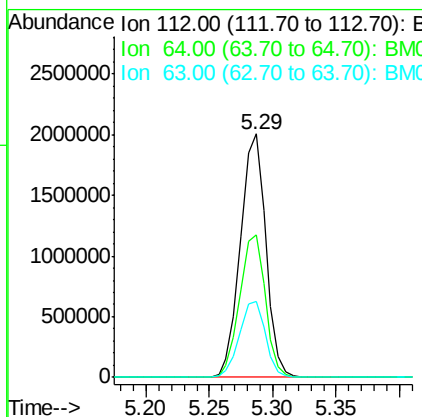
BNA_M

ClientSampleId :

PB113993BS

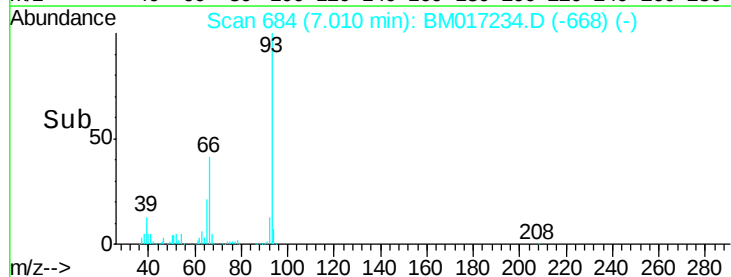
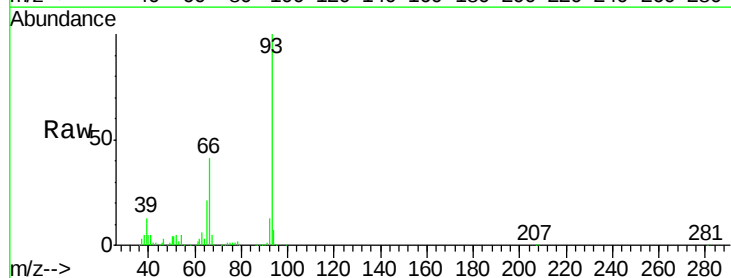
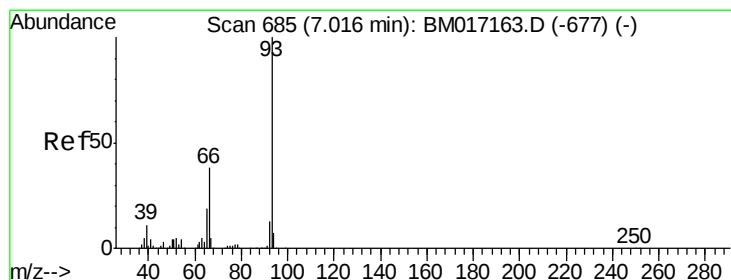
Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM



Sohil

10/22/2018 1:09:19 PM



#6

Aniline

Concen: 38.466 ng

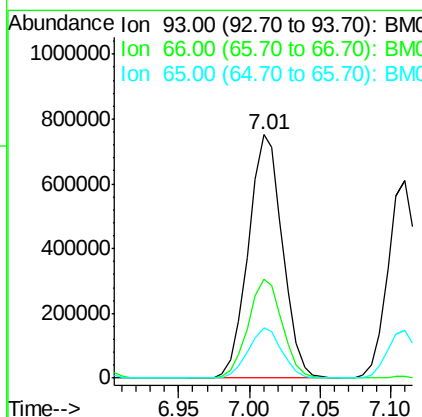
RT: 7.01 min Scan# 684

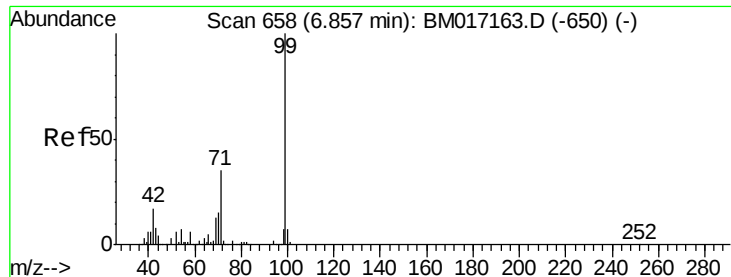
Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	40.8	30.4	45.6
65	20.8	15.3	22.9





#7

Phenol-d6

Concen: 137.888 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

PB113993BS

Tgt Ion: 99 Resp: 3658376

Ion Ratio Lower Upper

99 100

42 18.4 13.3 19.9

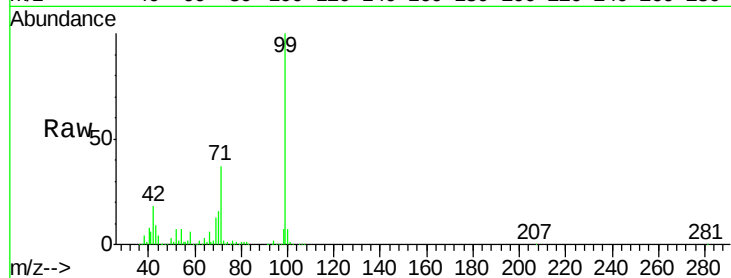
71 37.4 28.0 42.0

Manual Integrations

APPROVED

Sohil

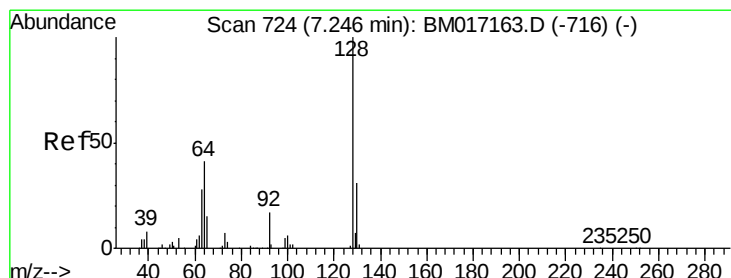
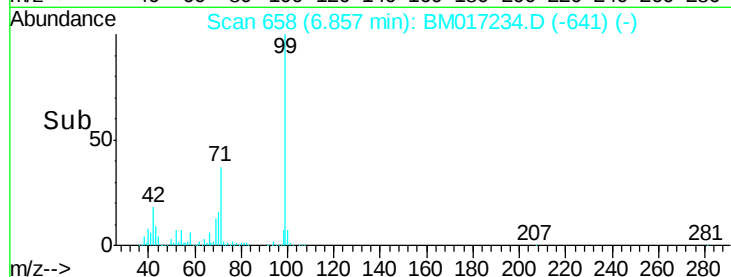
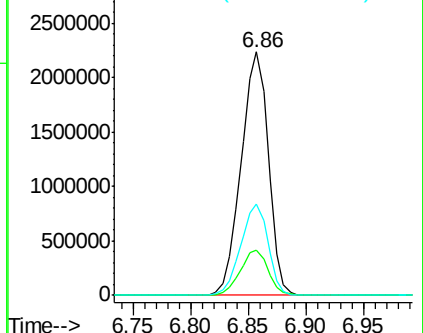
10/22/2018 1:09:19 PM



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 45.174 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

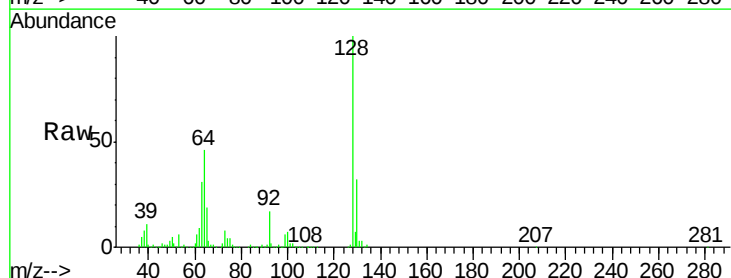
Tgt Ion: 128 Resp: 1018086

Ion Ratio Lower Upper

128 100

130 32.2 11.0 51.0

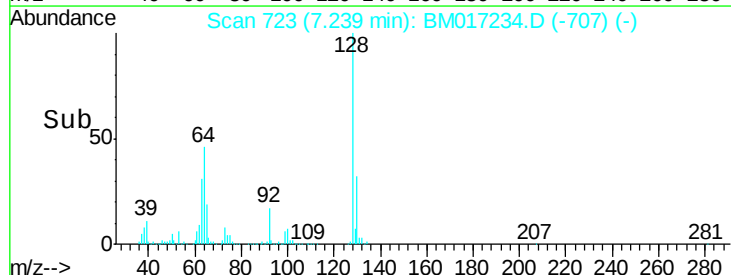
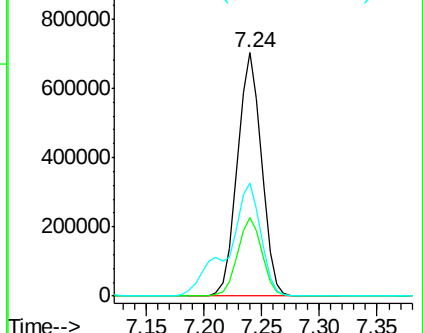
64 46.3 24.1 64.1

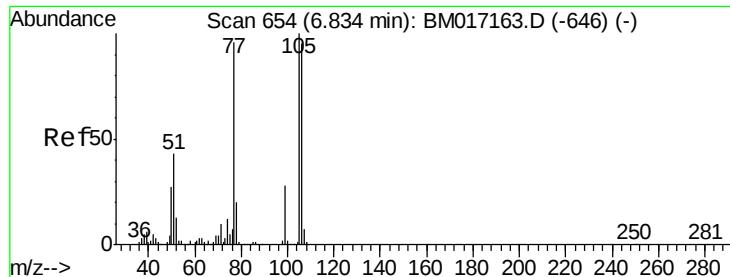


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 27.266 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

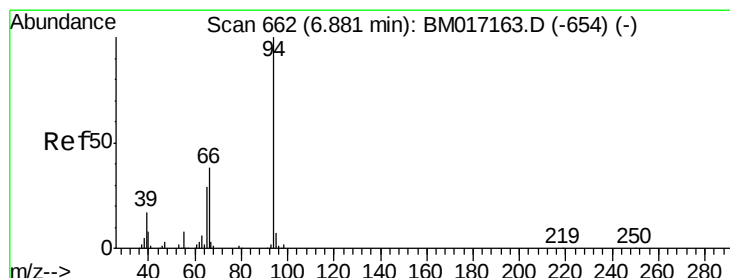
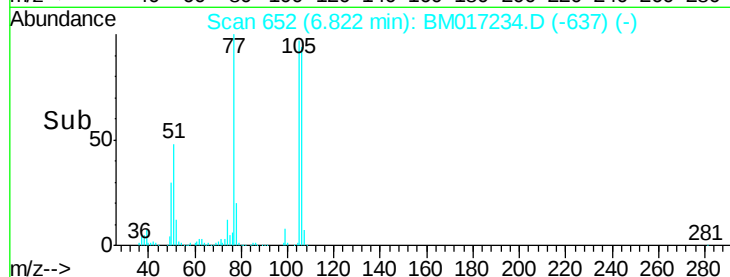
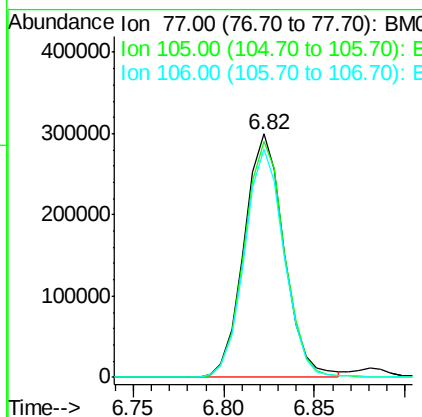
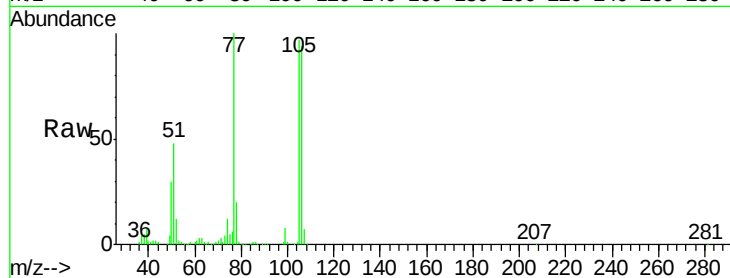
ClientSampleId :

PB113993BS

Tgt Ion:	77	Resp:	461253
Ion Ratio	Lower	Upper	
77	100		
105	97.0	83.9	123.9
106	93.6	78.2	118.2

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM



#10

Phenol

Concen: 43.623 ng

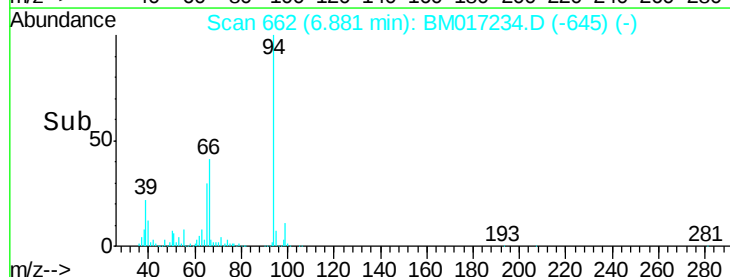
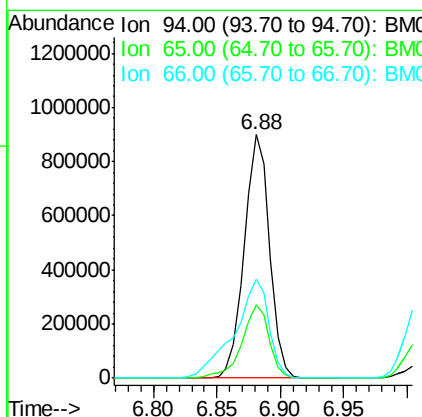
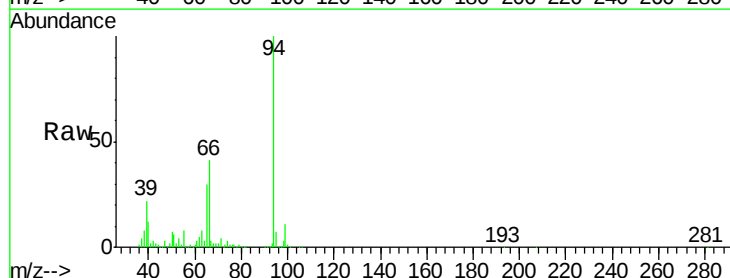
RT: 6.88 min Scan# 662

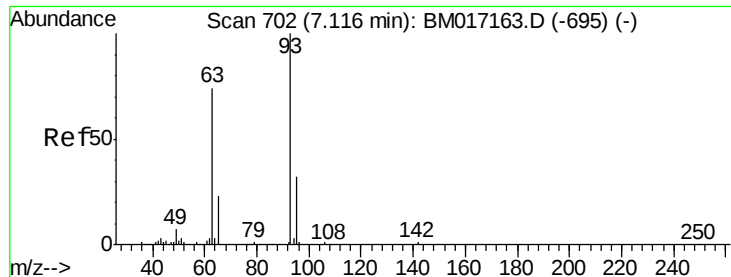
Delta R.T. -0.00 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:	94	Resp:	1245637
Ion Ratio	Lower	Upper	
94	100		
65	30.0	9.4	49.4
66	40.9	19.0	59.0





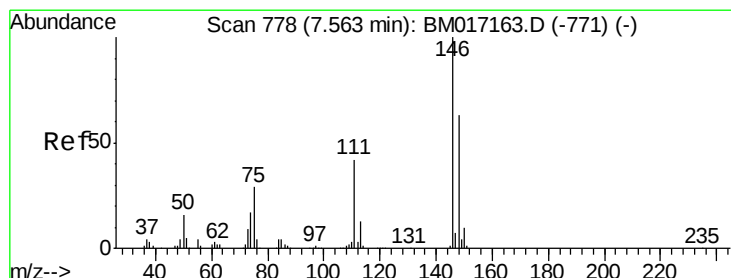
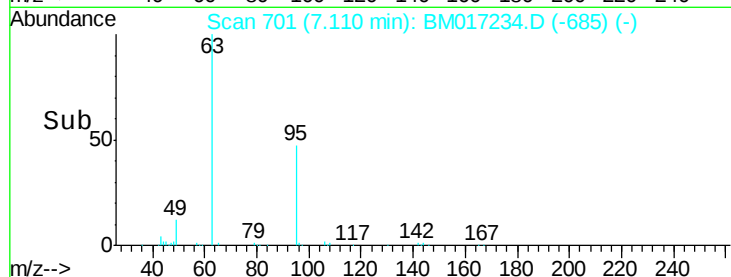
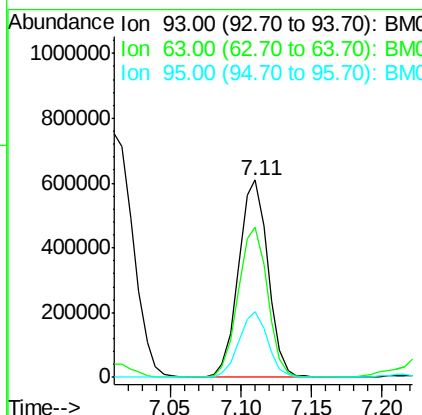
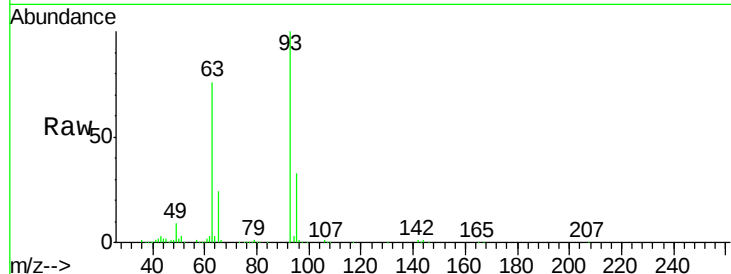
#11
bis(2-Chloroethyl)ether
Concen: 38.685 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	880560		
63	75.9	54.0	94.0	
95	33.0	11.8	51.8	

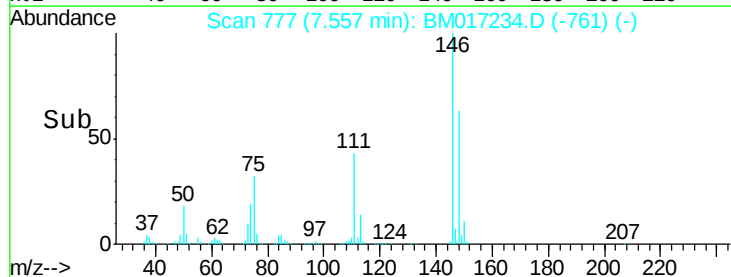
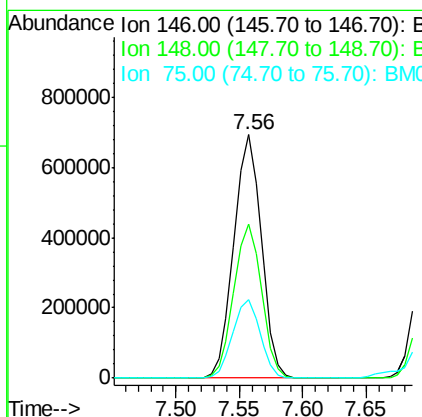
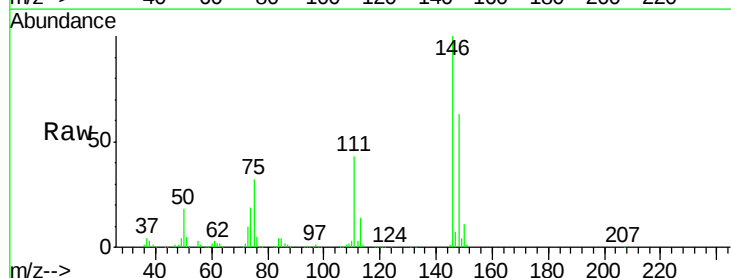
Manual Integrations
APPROVED

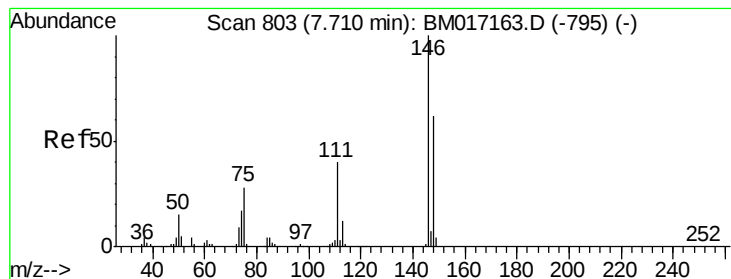
Sohil
10/22/2018 1:09:19 PM



#12
1,3-Dichlorobenzene
Concen: 39.631 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1041181		
148	63.0	50.2	75.4	
75	32.4	23.3	34.9	





#13

1,4-Dichlorobenzene

Concen: 39.499 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

PB113993BS

Tgt Ion:146 Resp: 1060186

Ion Ratio Lower Upper

146 100

148 63.3 49.8 74.6

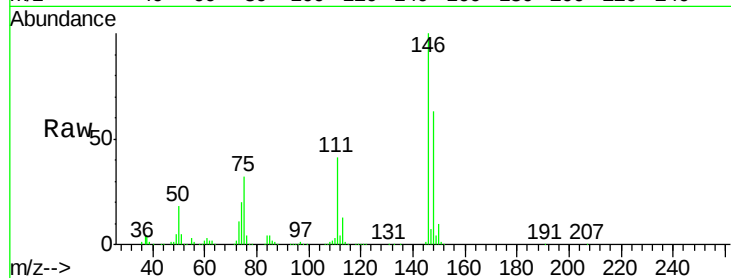
111 41.1 32.1 48.1

Manual Integrations

APPROVED

Sohil

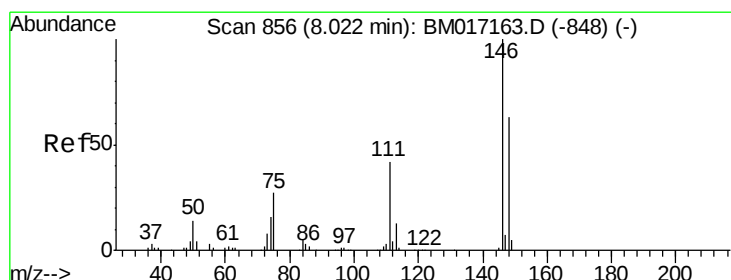
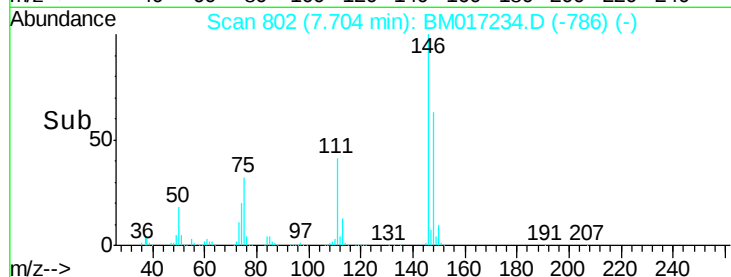
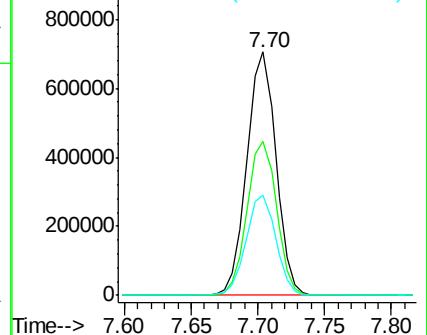
10/22/2018 1:09:19 PM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.496 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

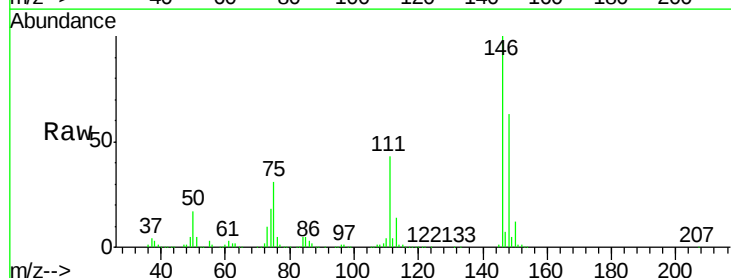
Tgt Ion:146 Resp: 1021406

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

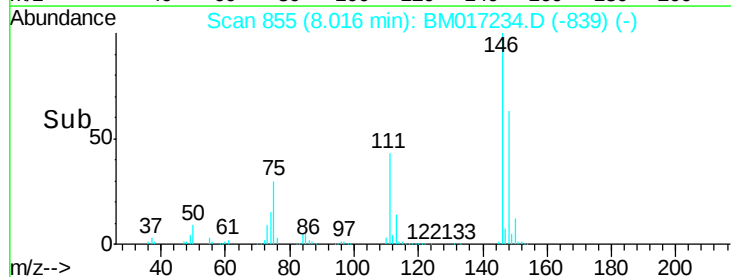
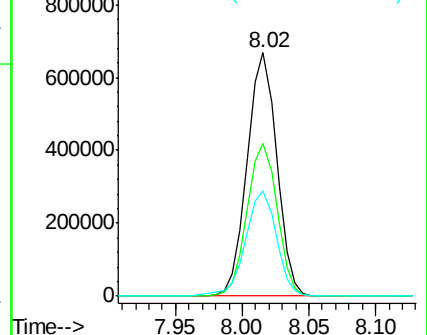
111 43.1 33.8 50.6

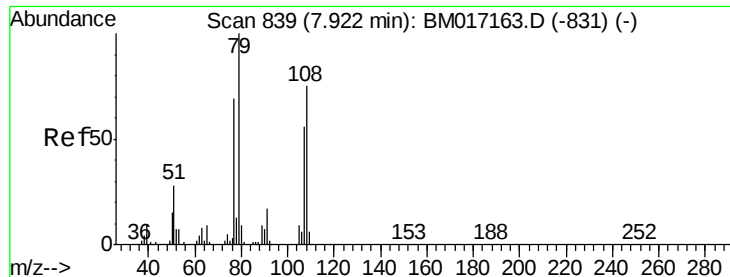


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





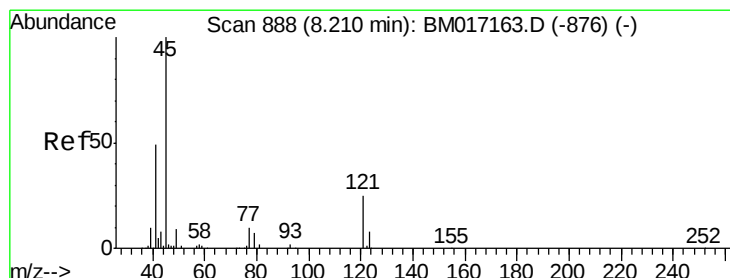
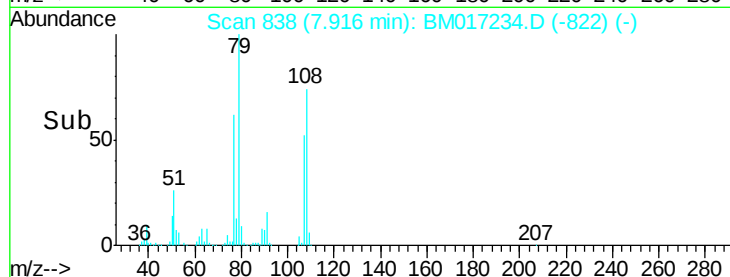
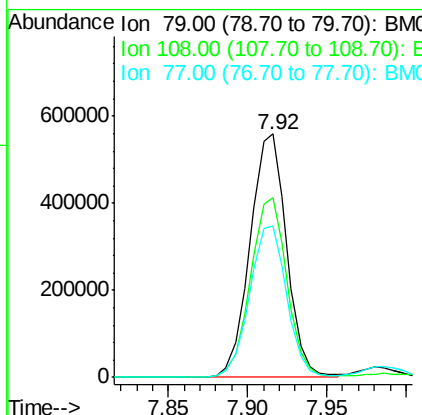
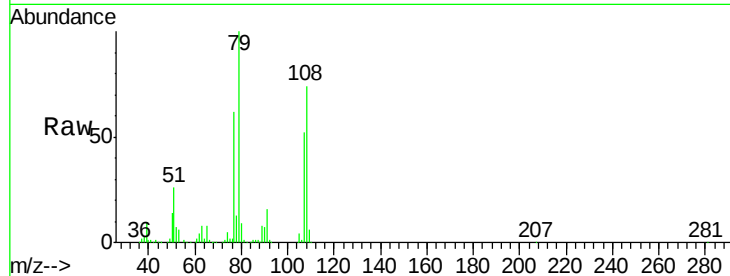
#15
Benzyl Alcohol
Concen: 46.230 ng
RT: 7.92 min Scan# 838
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.5	60.3	90.5
77	62.5	54.8	82.2

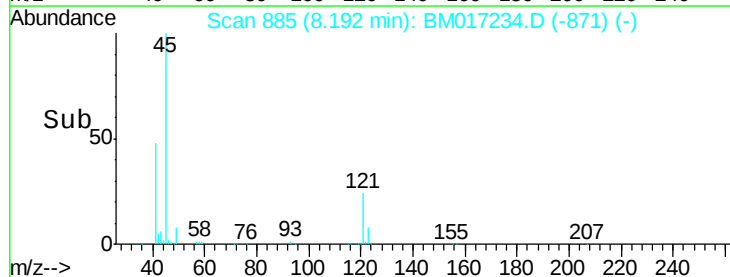
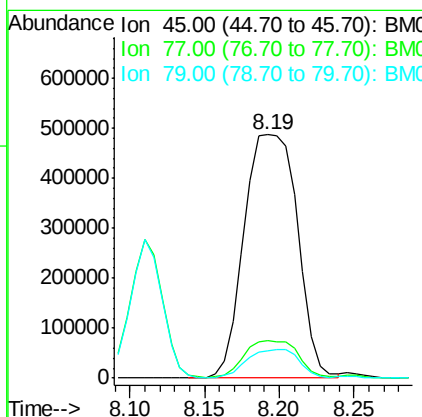
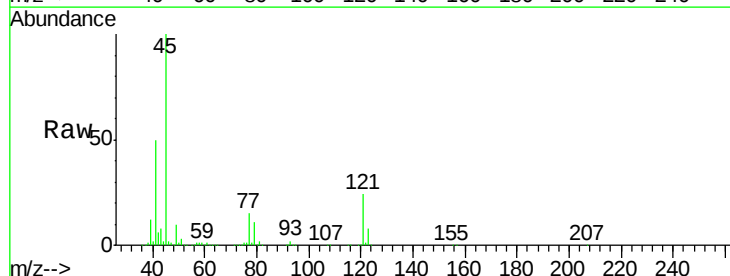
Manual Integrations
APPROVED

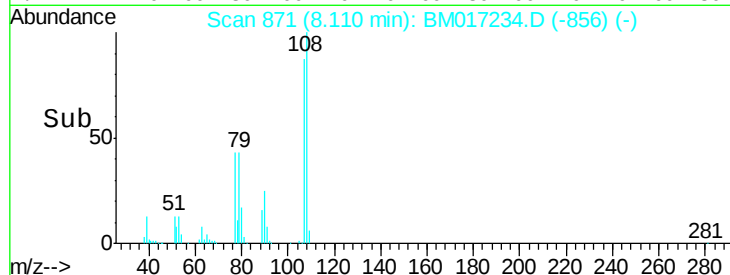
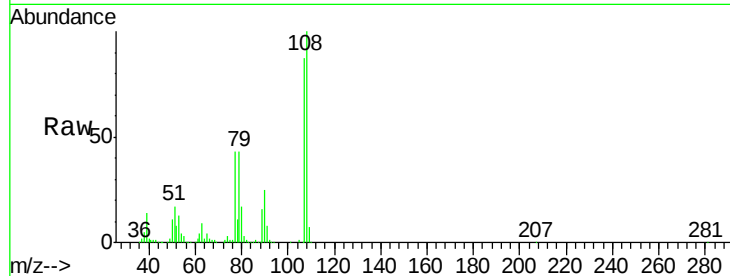
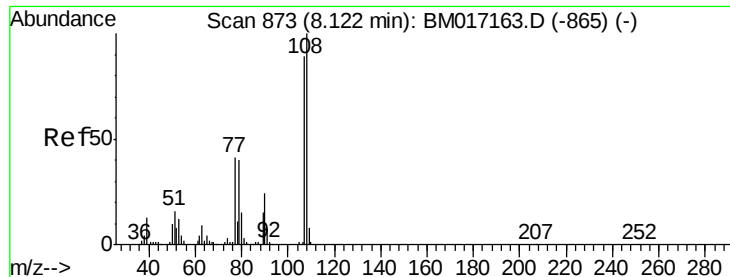
Sohil
10/22/2018 1:09:19 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.989 ng
RT: 8.19 min Scan# 885
Delta R.T. -0.02 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.4	0.0	35.5
79	11.2	0.0	32.1





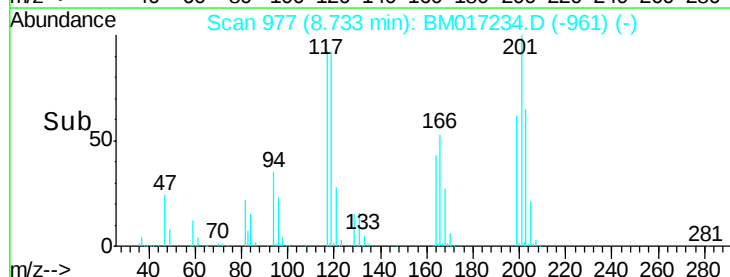
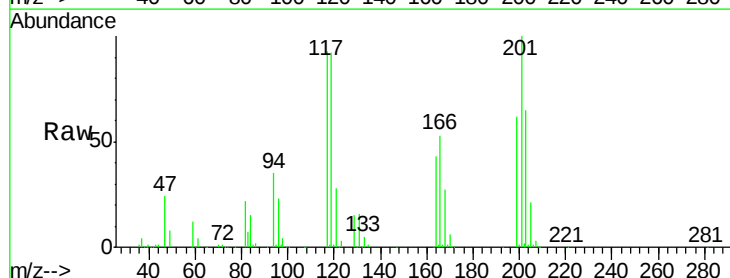
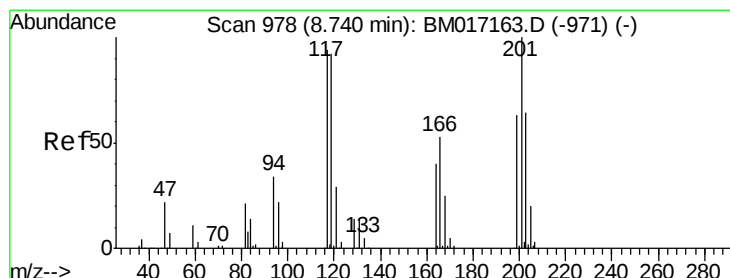
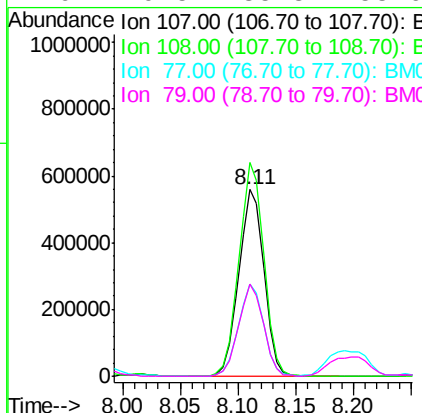
#17
2-Methylphenol
Concen: 46.029 ng
RT: 8.11 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	843611		
108	114.6	90.3	135.5	
77	49.6	37.0	55.4	
79	49.5	35.8	53.6	

Instrument :
BNA_M
ClientSampleID :
PB113993BS

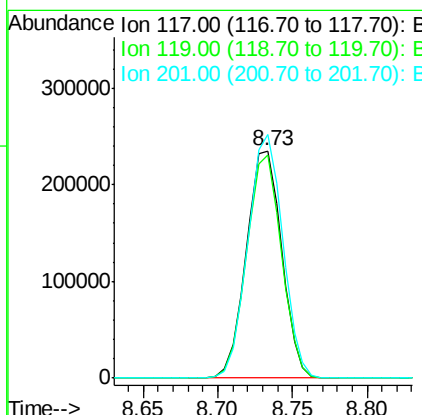
Manual Integrations
APPROVED

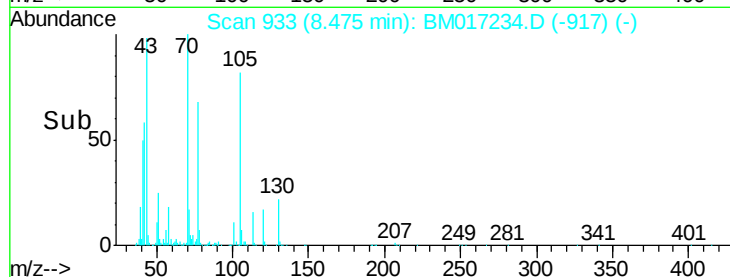
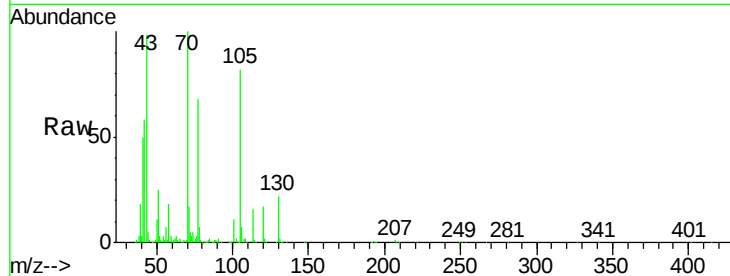
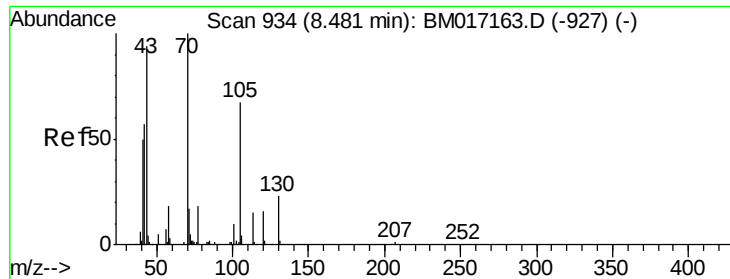
Sohil
10/22/2018 1:09:19 PM



#18
Hexachloroethane
Concen: 41.854 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	384461		
119	98.1	78.2	117.2	
201	107.1	85.3	127.9	





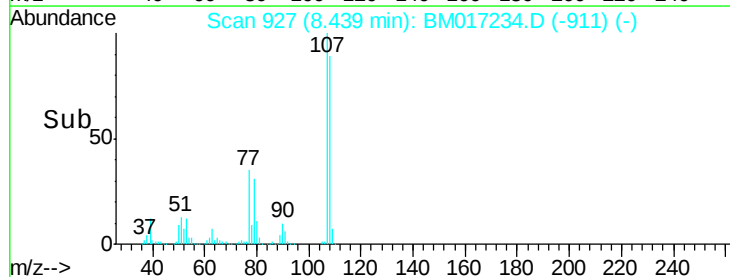
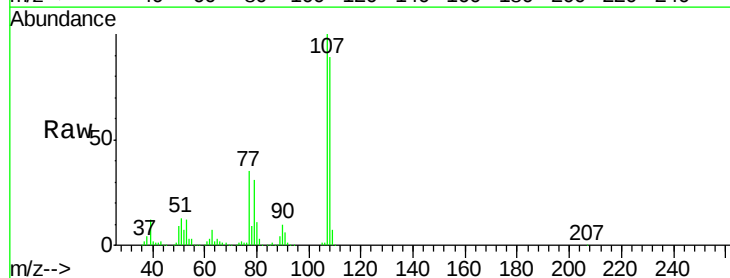
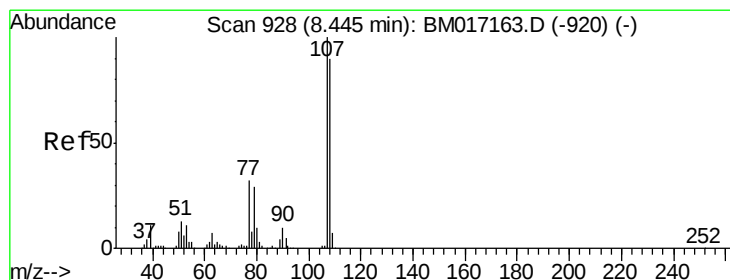
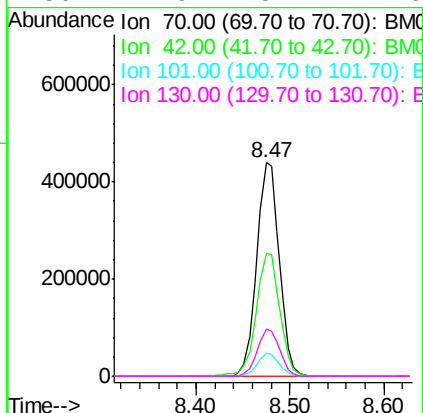
#19
n-Nitroso-di-n-propylamine
Concen: 41.705 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

Manual Integrations
APPROVED

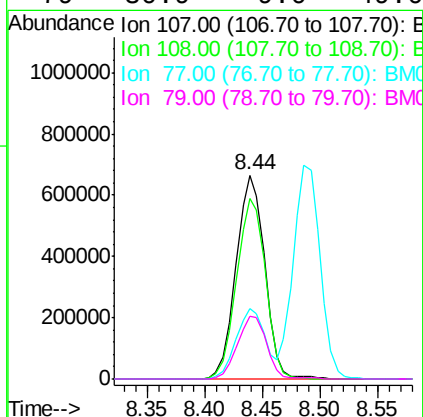
Sohil
10/22/2018 1:09:19 PM

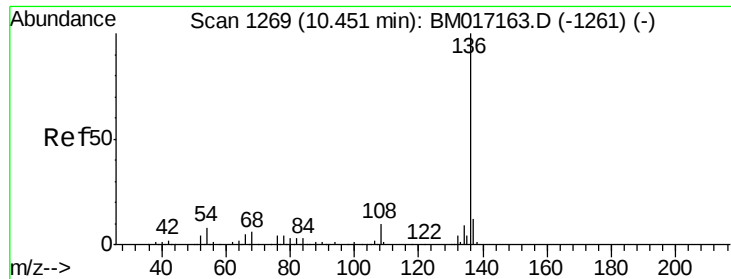
Tgt Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.1	69.1
101	10.5	8.2	12.4
130	21.9	18.4	27.6



#20
3+4-Methylphenols
Concen: 45.645 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	69.9	109.9
77	34.9	12.2	52.2
79	30.9	9.0	49.0





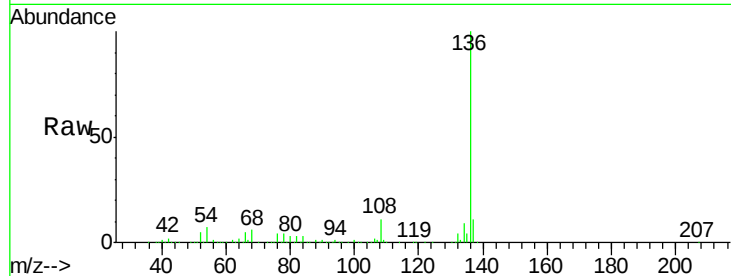
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

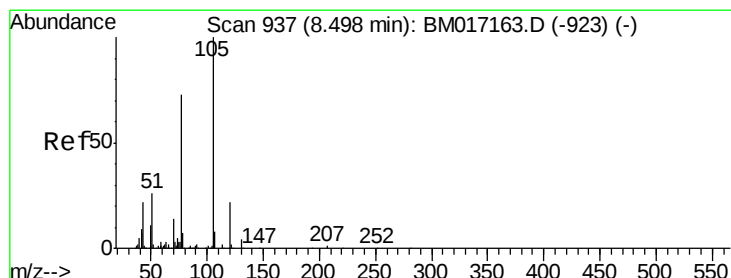
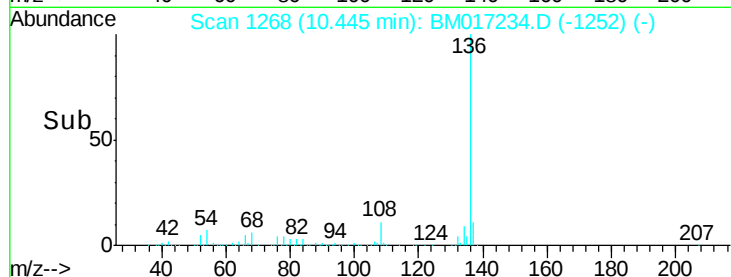
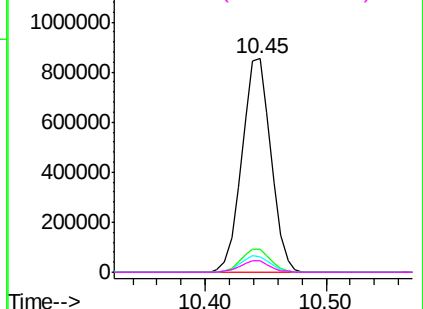
Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.2	13.8
54	7.4	6.7	10.1
68	5.6	4.7	7.1

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM



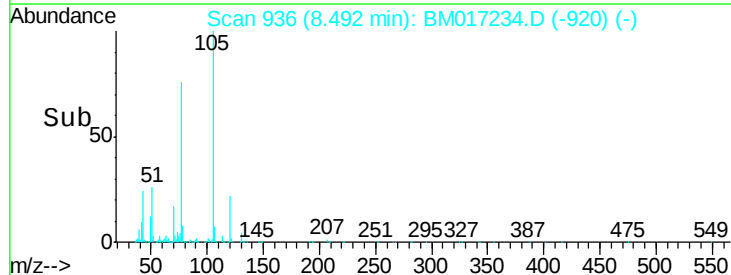
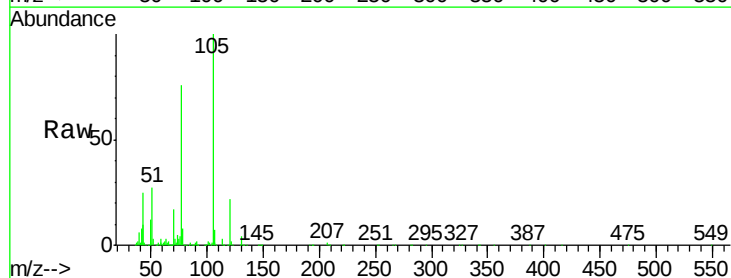
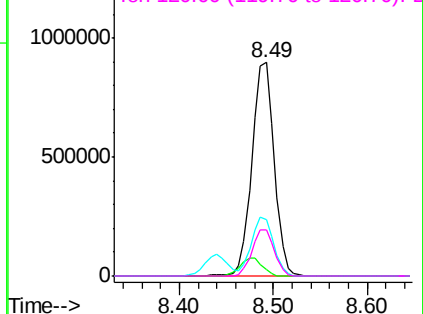
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

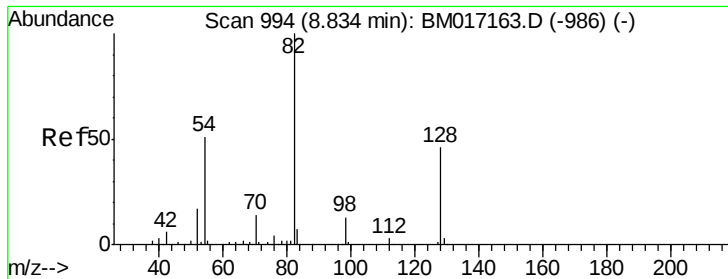


#22
Acetophenone
Concen: 40.510 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.0	3.0
51	26.5	20.6	31.0
120	21.6	17.5	26.3

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





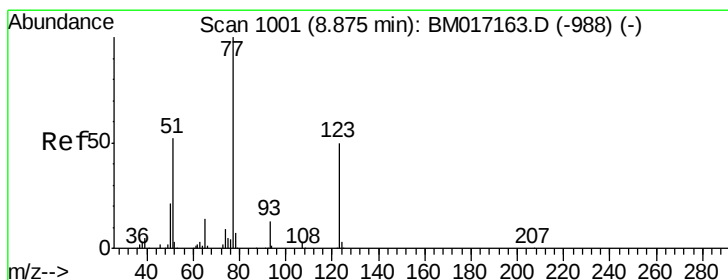
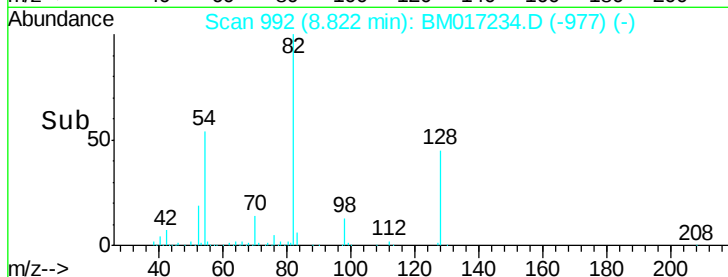
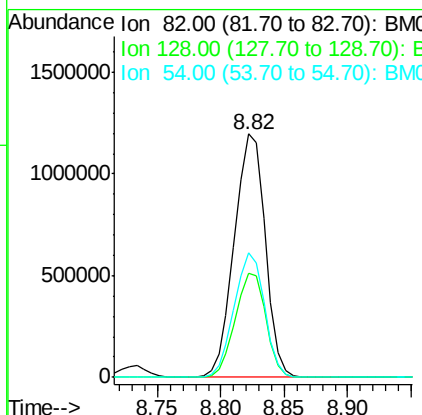
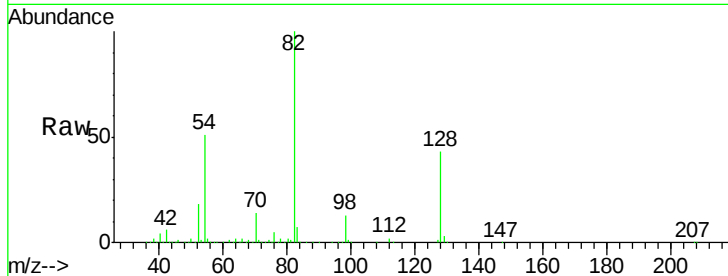
#23
 Nitrobenzene-d5
 Concen: 82.561 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

Tgt Ion: 82 Resp: 2022600
 Ion Ratio Lower Upper
 82 100
 128 42.8 37.0 55.6
 54 51.0 40.7 61.1

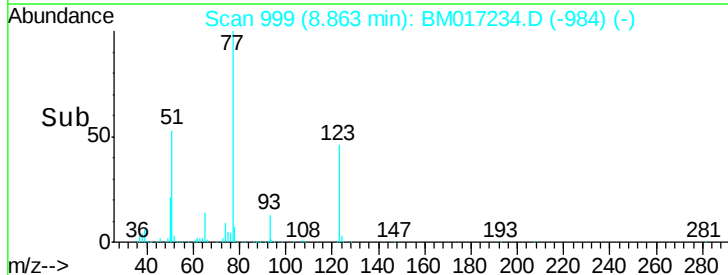
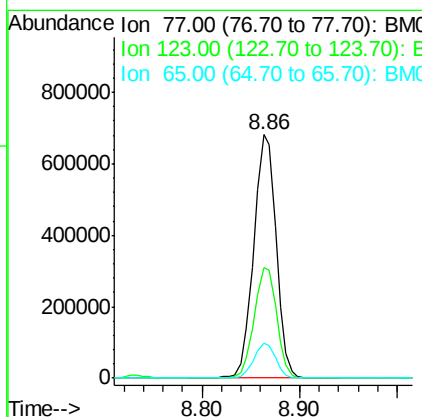
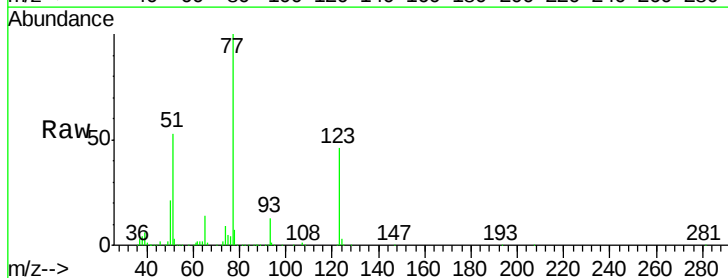
Manual Integrations
 APPROVED

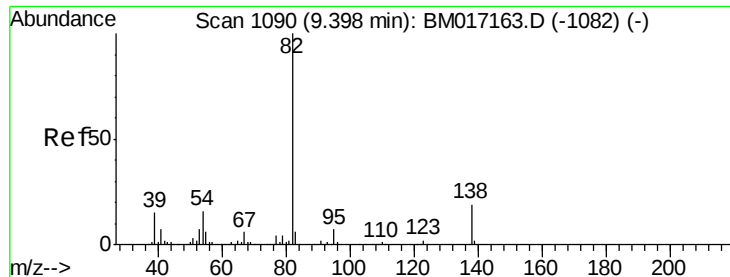
Sohil
 10/22/2018 1:09:19 PM



#24
 Nitrobenzene
 Concen: 42.028 ng
 RT: 8.86 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion: 77 Resp: 1089099
 Ion Ratio Lower Upper
 77 100
 123 45.6 40.2 60.4
 65 14.4 11.4 17.0





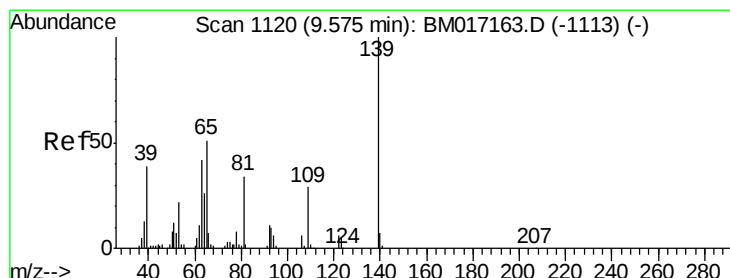
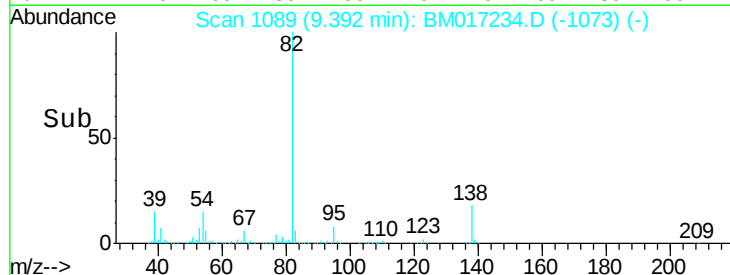
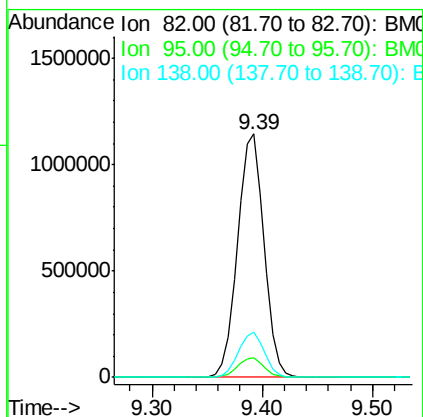
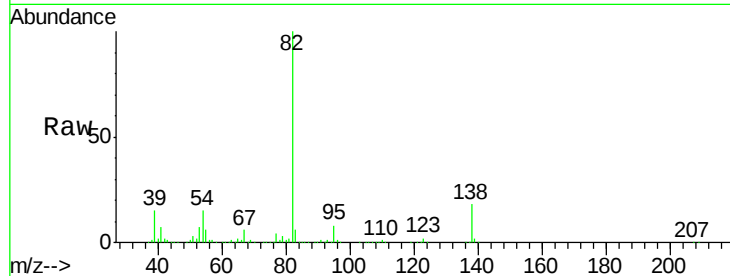
#25
Isophorone
Concen: 47.638 ng
RT: 9.39 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

Tgt Ion: 82 Resp: 1927130
Ion Ratio Lower Upper
82 100
95 8.2 6.0 9.0
138 18.4 15.4 23.2

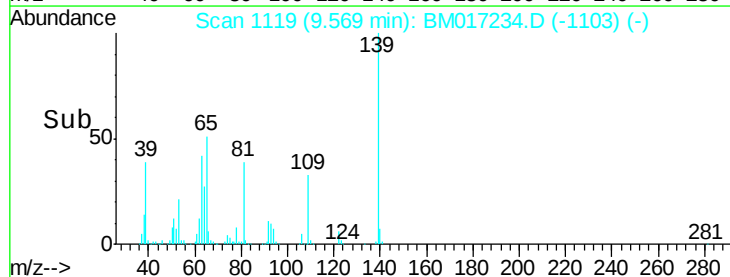
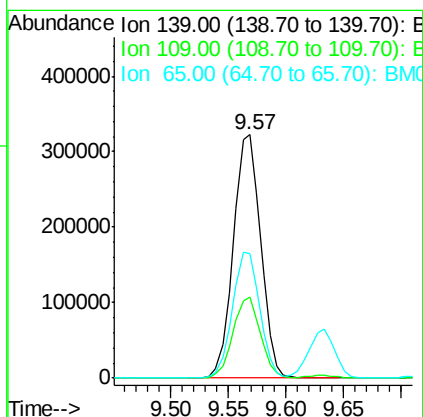
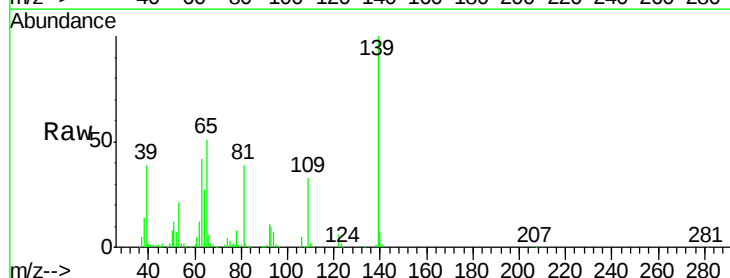
Manual Integrations
APPROVED

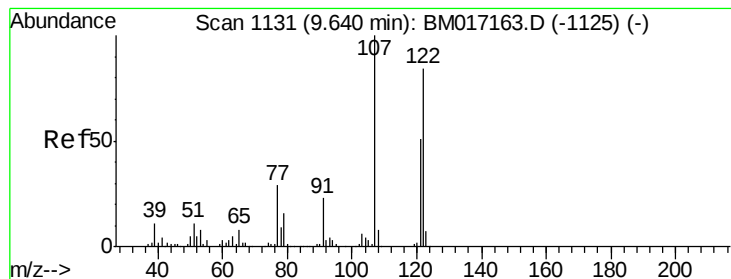
Sohil
10/22/2018 1:09:19 PM



#26
2-Nitrophenol
Concen: 44.242 ng
RT: 9.57 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion: 139 Resp: 530422
Ion Ratio Lower Upper
139 100
109 33.4 23.2 34.8
65 51.3 40.6 61.0





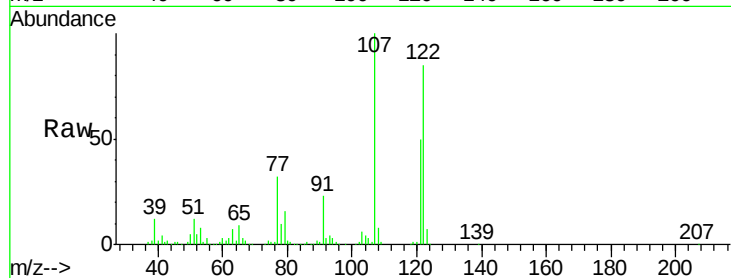
#27
 2,4-Dimethylphenol
 Concen: 52.895 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleID :
 PB113993BS

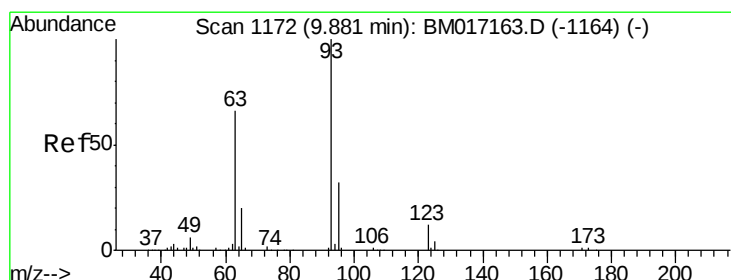
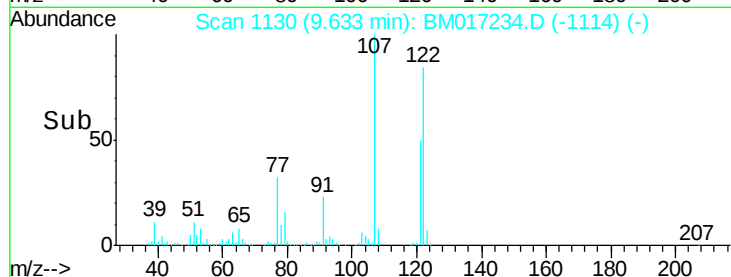
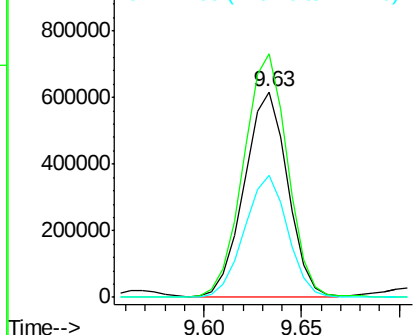
Tgt Ion	Ratio	Lower	Upper
122	100		
107	118.3	95.0	142.6
121	59.1	48.2	72.4

Manual Integrations
 APPROVED

Sohil
 10/22/2018 1:09:19 PM

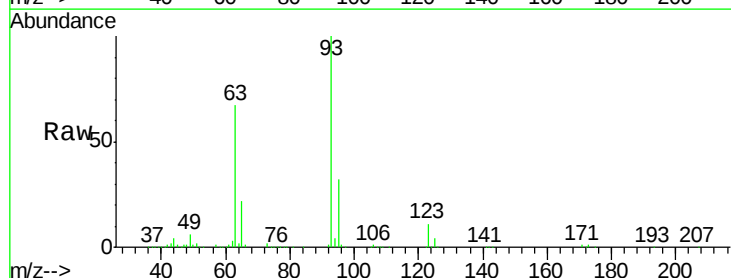


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

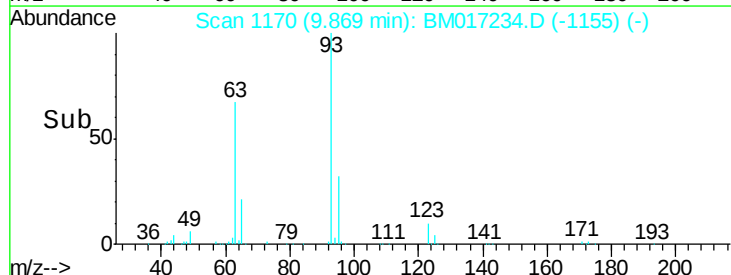
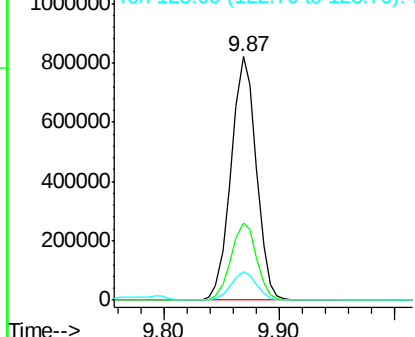


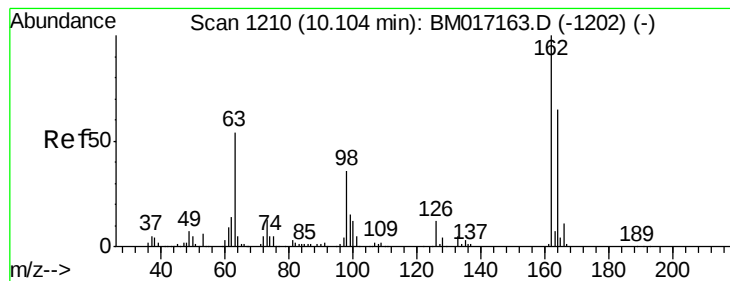
#28
 bis(2-Chloroethoxy)methane
 Concen: 43.612 ng
 RT: 9.87 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.7	38.5
123	11.5	9.4	14.0



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.567 ng

RT: 10.10 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

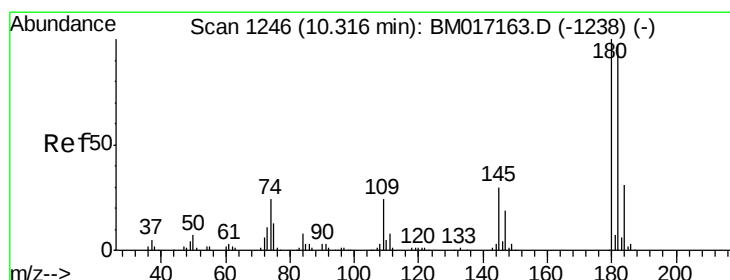
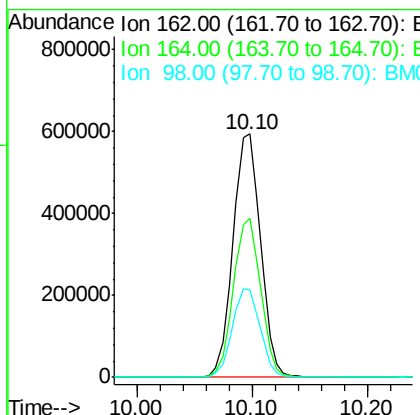
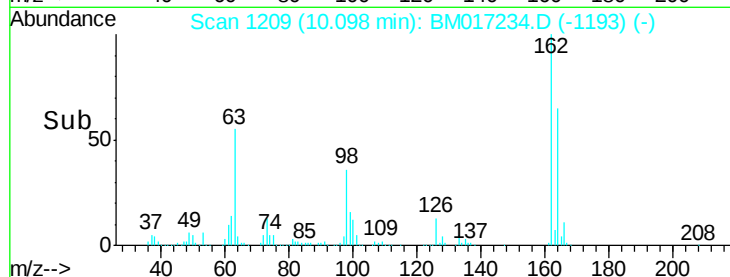
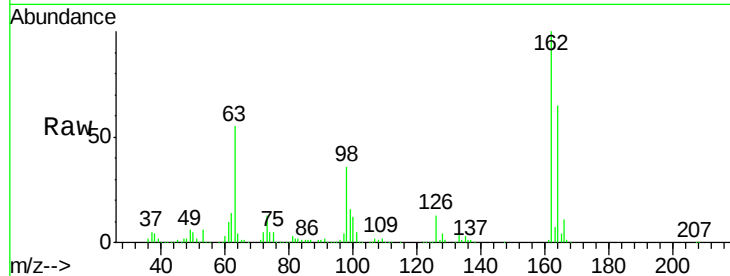
ClientSampleId :

PB113993BS

Tgt Ion:	162	Resp:	987911
Ion Ratio		Lower	Upper
162	100		
164	65.4	44.9	84.9
98	35.7	15.8	55.8

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM



#30

1,2,4-Trichlorobenzene

Concen: 40.236 ng

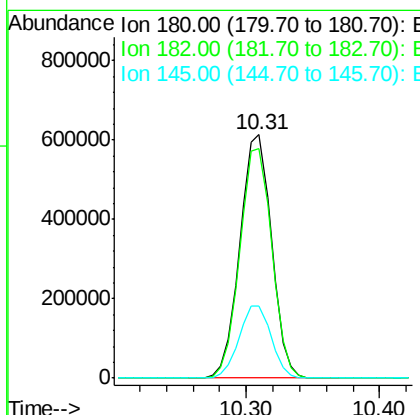
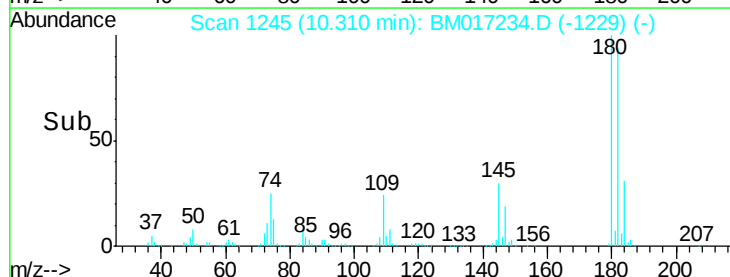
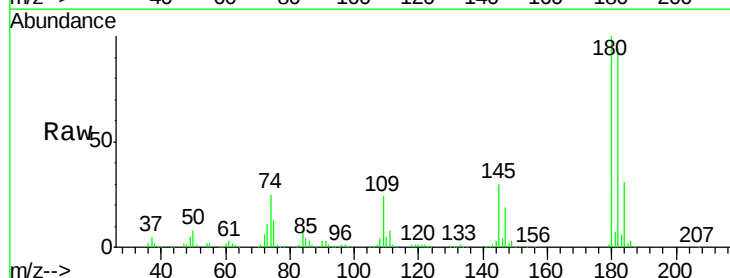
RT: 10.31 min Scan# 1245

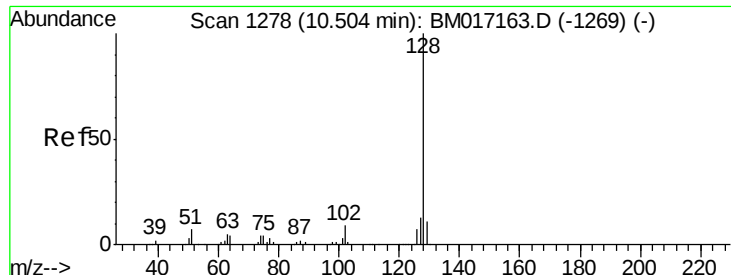
Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:	180	Resp:	1002470
Ion Ratio		Lower	Upper
180	100		
182	94.4	77.5	116.3
145	29.8	24.0	36.0





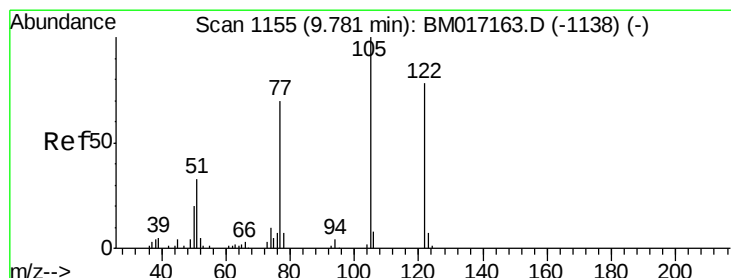
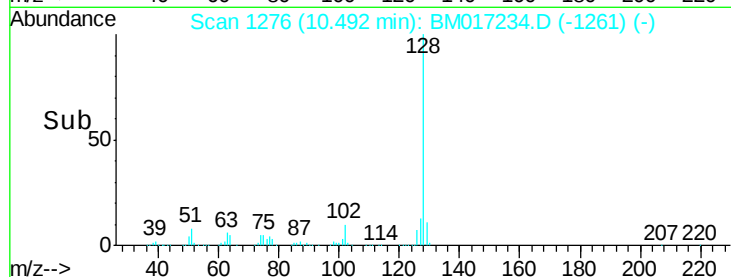
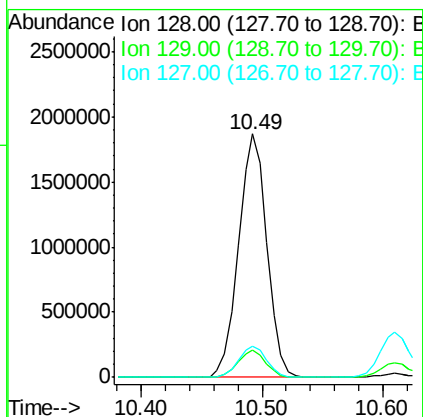
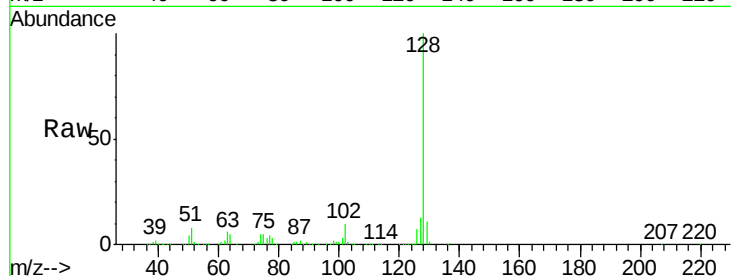
#31
Naphthalene
Concen: 43.240 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

Tgt Ion:128 Resp: 3036113
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.9 10.3 15.5

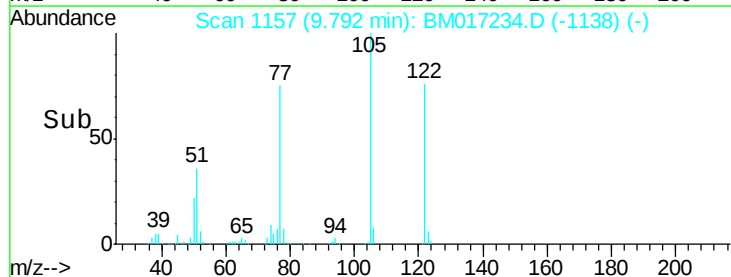
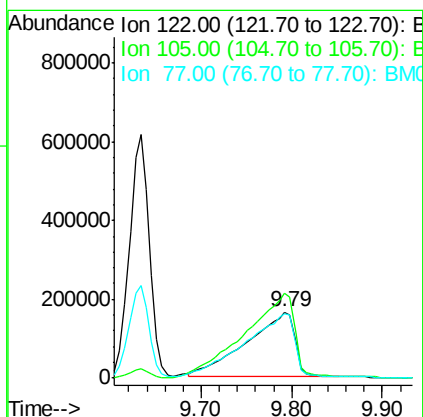
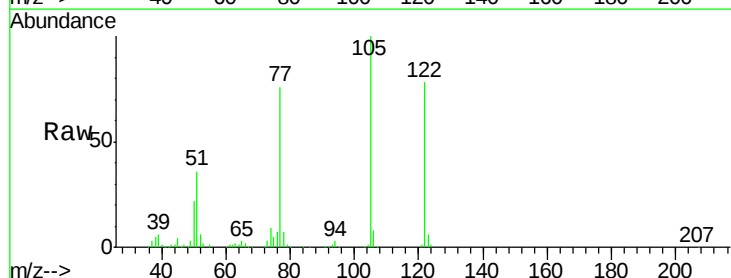
Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM



#32
Benzoic acid
Concen: 45.530 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion:122 Resp: 607679
Ion Ratio Lower Upper
122 100
105 128.5 102.0 142.0
77 97.8 67.7 107.7





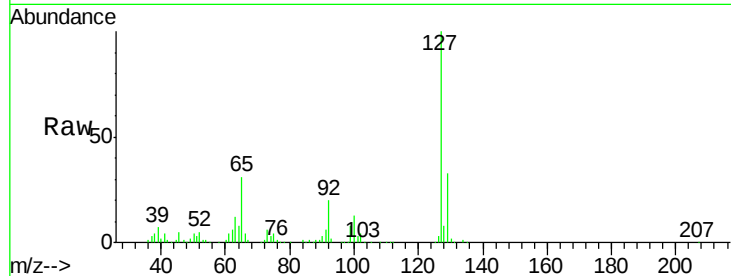
#33
4-Chloroaniline
Concen: 20.288 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

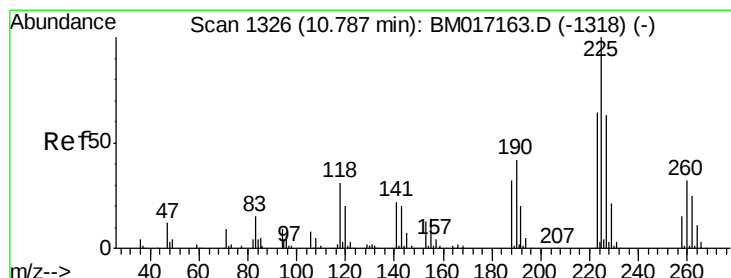
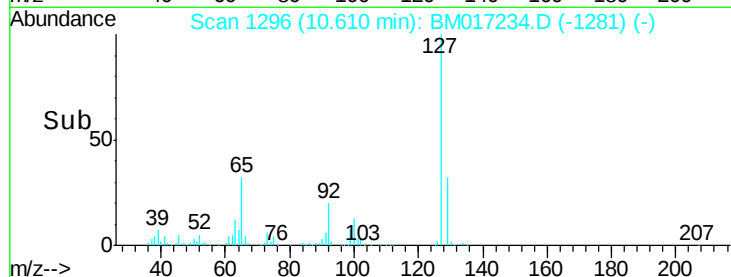
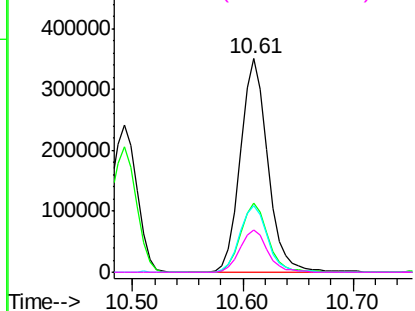
Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	26.2	39.4	
65	31.2	23.7	35.5	
92	20.0	14.3	21.5	

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM

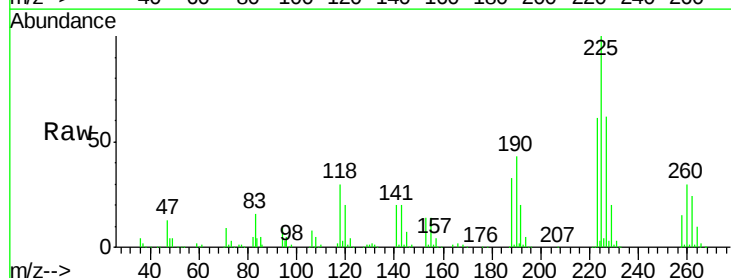


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

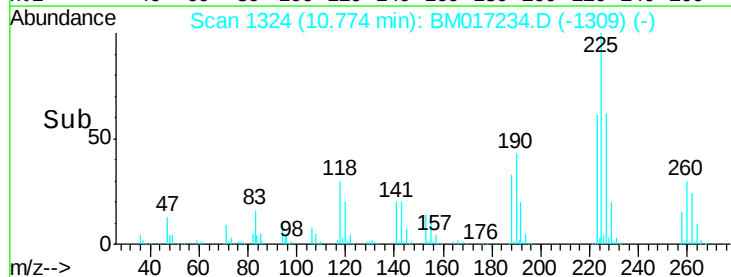
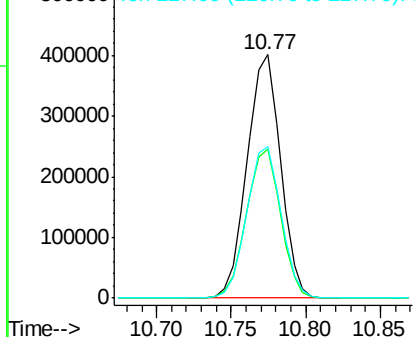


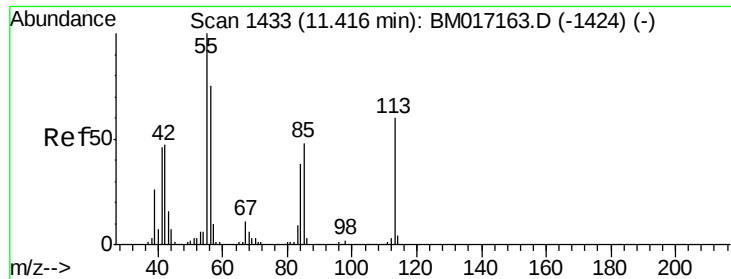
#34
Hexachlorobutadiene
Concen: 39.419 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	51.0	76.6	
227	62.3	50.8	76.2	



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: 36.940 ng m

RT: 11.41 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

PB113993BS

Tgt Ion:113 Resp: 279601

Ion Ratio Lower Upper

113 100

55 159.3 147.0 187.0

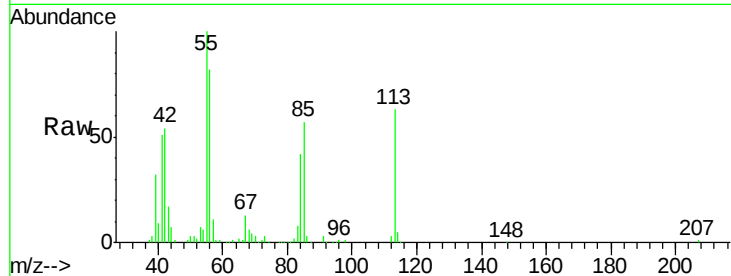
56 130.7 104.5 144.5

Manual Integrations

APPROVED

Sohil

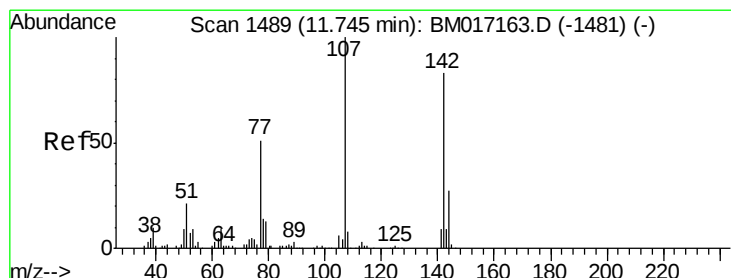
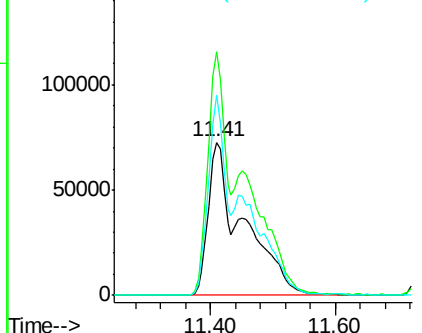
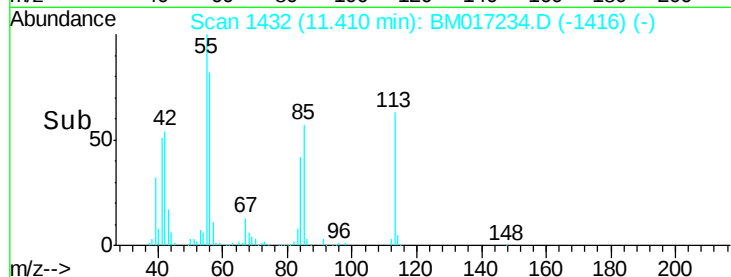
10/22/2018 1:09:19 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 44.879 ng

RT: 11.74 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

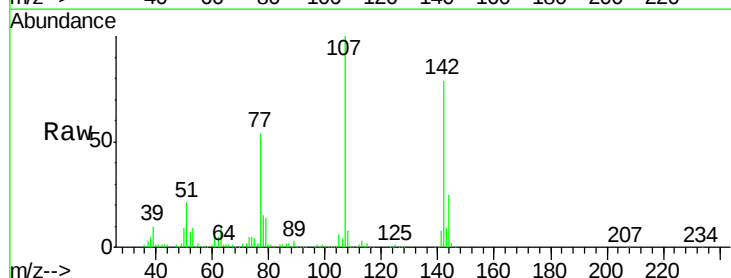
Tgt Ion:107 Resp: 1050672

Ion Ratio Lower Upper

107 100

144 25.1 21.6 32.4

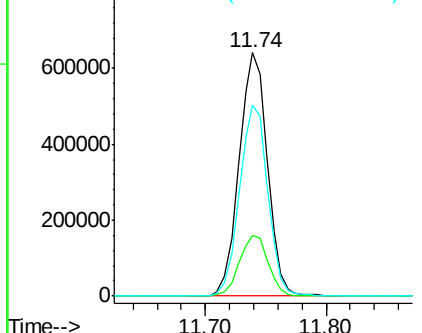
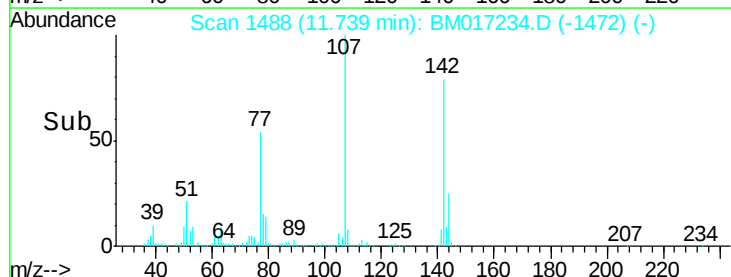
142 78.6 66.0 99.0

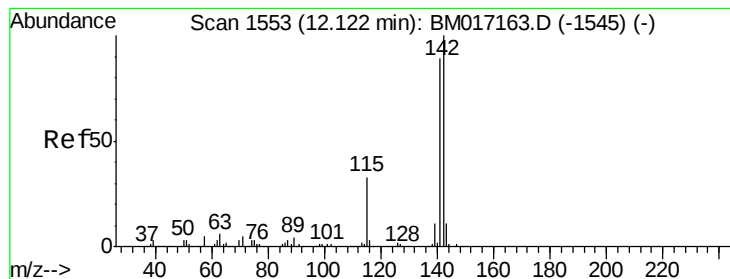


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





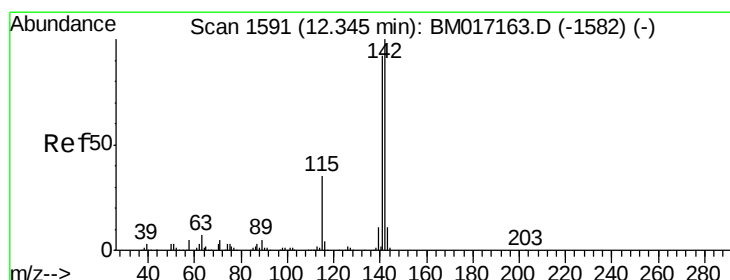
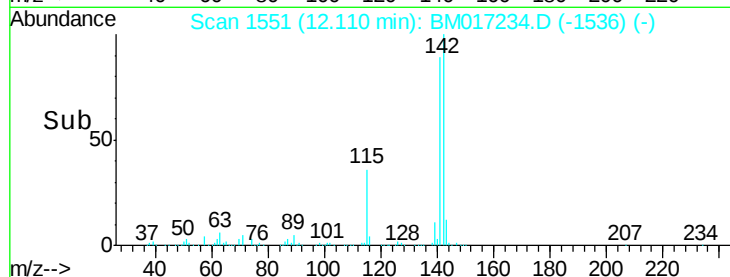
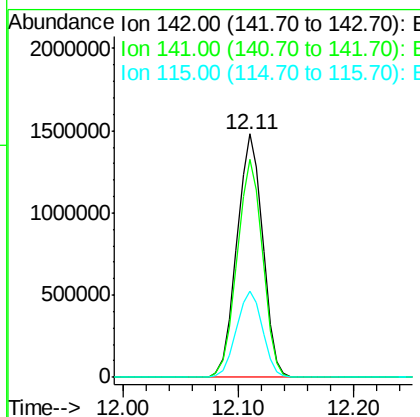
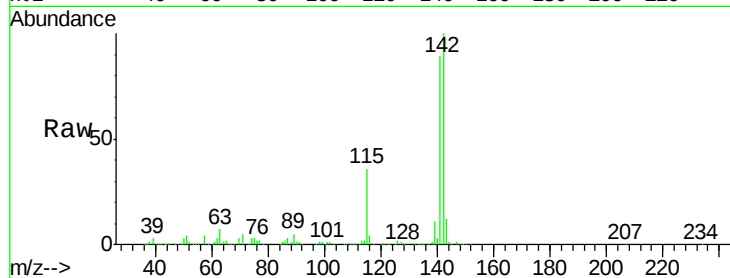
#37
 2-Methylnaphthalene
 Concen: 47.643 ng
 RT: 12.11 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.9	106.3
115	35.6	26.4	39.6

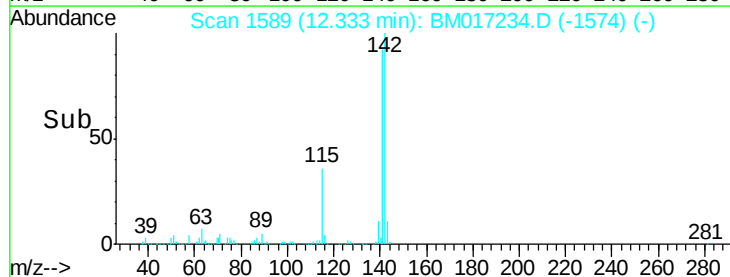
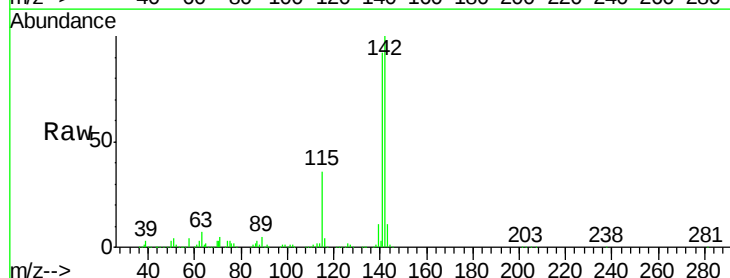
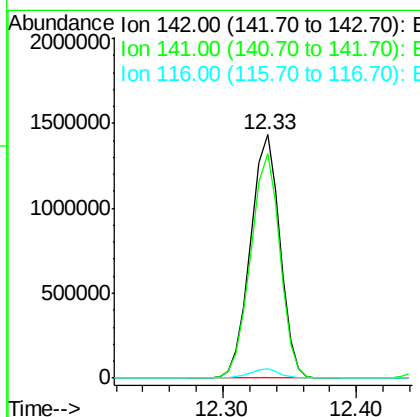
Manual Integrations
 APPROVED

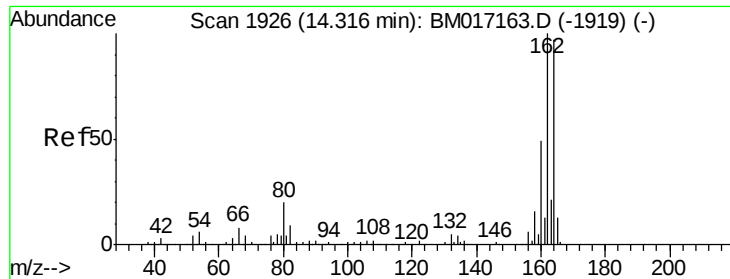
Sohil
 10/22/2018 1:09:19 PM



#38
 1-Methylnaphthalene
 Concen: 46.598 ng
 RT: 12.33 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.6
116	3.9	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017234.D

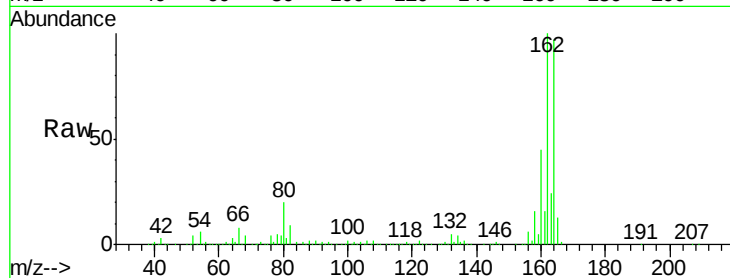
Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

PB113993BS



Tgt Ion:164 Resp: 832245

Ion Ratio Lower Upper

164 100

162 102.8 82.1 123.1

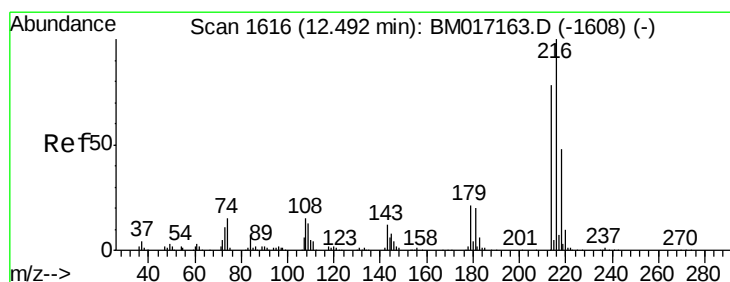
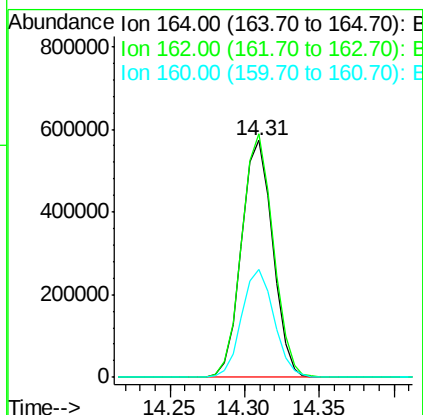
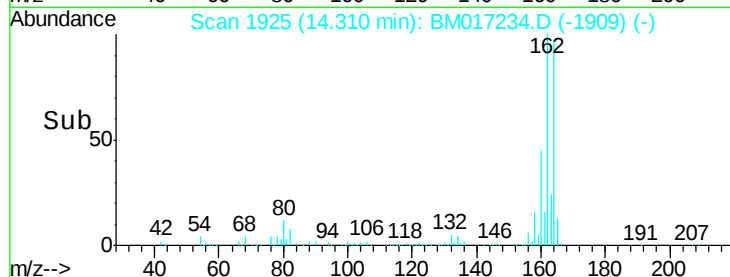
160 45.8 40.2 60.2

Manual Integrations

APPROVED

Sohil

10/22/2018 1:09:19 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.904 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:216 Resp: 1198859

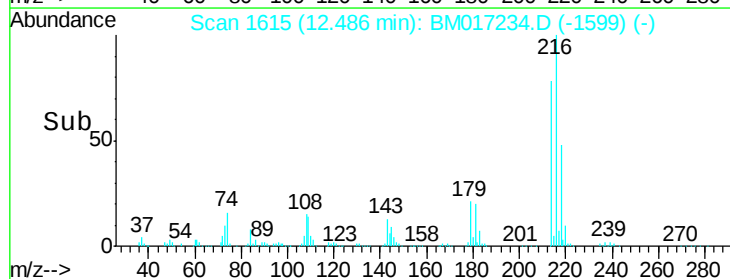
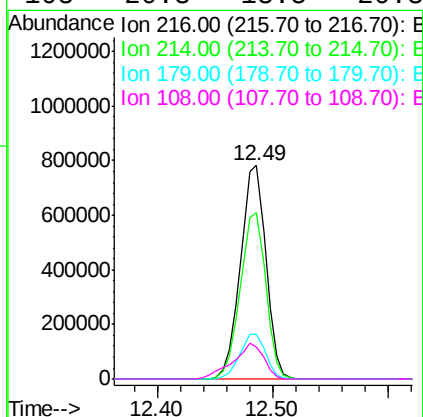
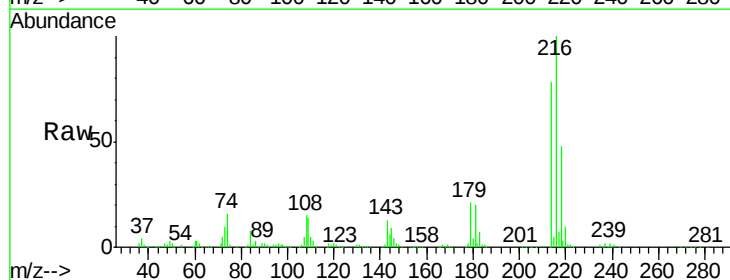
Ion Ratio Lower Upper

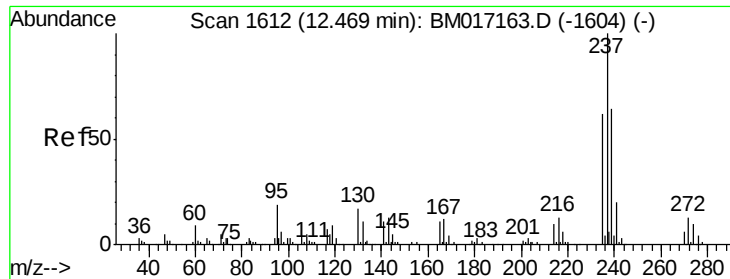
216 100

214 78.0 62.6 93.8

179 21.3 16.6 24.8

108 20.3 13.5 20.3#





#41

Hexachlorocyclopentadiene

Concen: 123.862 ng

RT: 12.46 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

PB113993BS

Tgt Ion: 237 Resp: 1754988

Ion Ratio Lower Upper

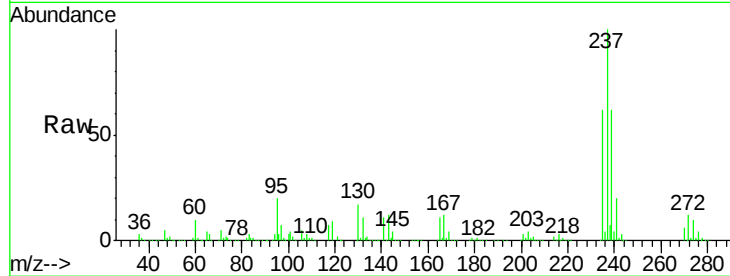
237 100

235 62.1 42.4 82.4

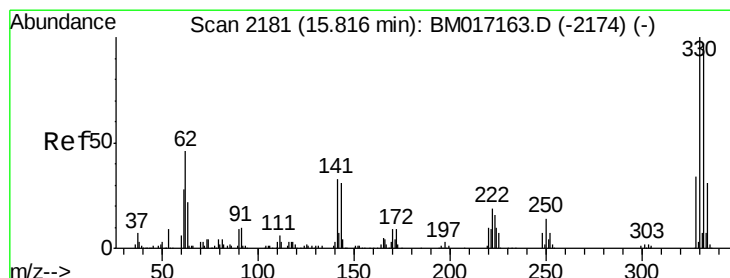
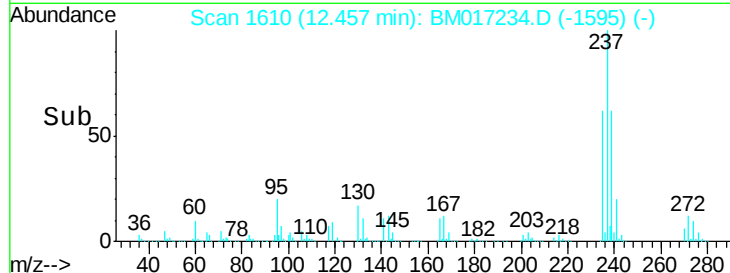
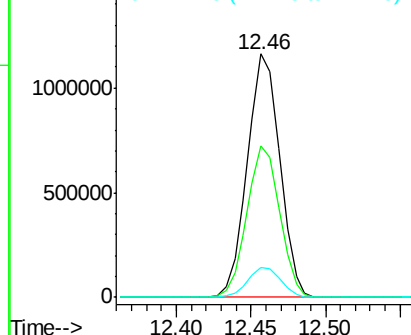
272 12.4 0.0 33.0

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.089 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

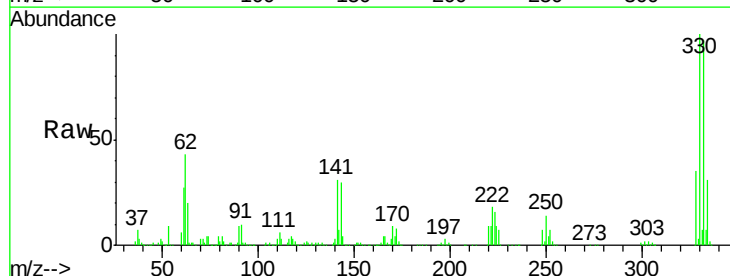
Tgt Ion: 330 Resp: 1464143

Ion Ratio Lower Upper

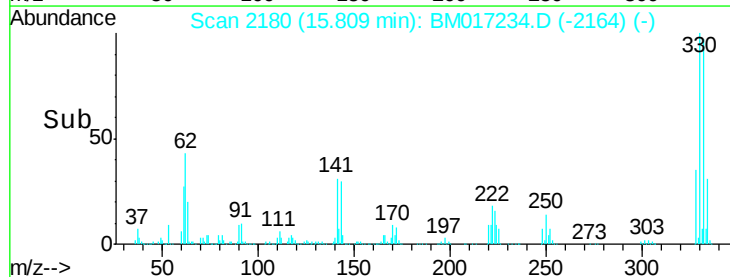
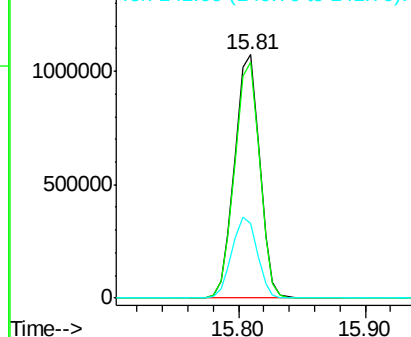
330 100

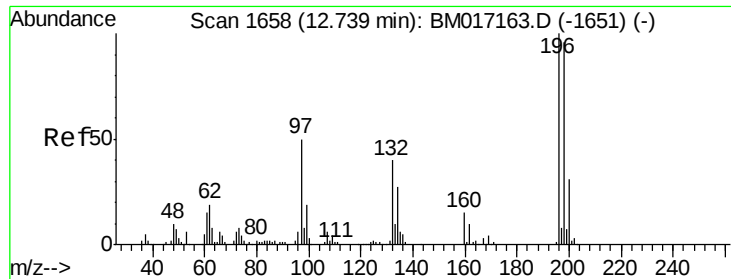
332 97.0 77.3 115.9

141 33.9 27.4 41.0



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





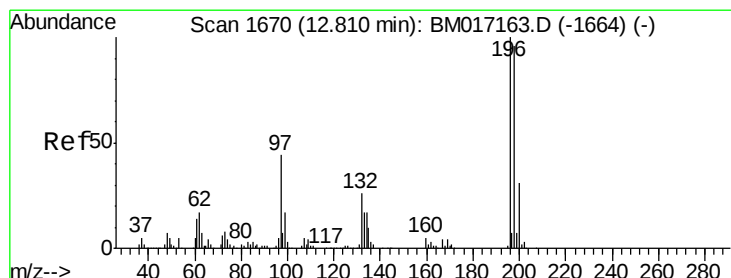
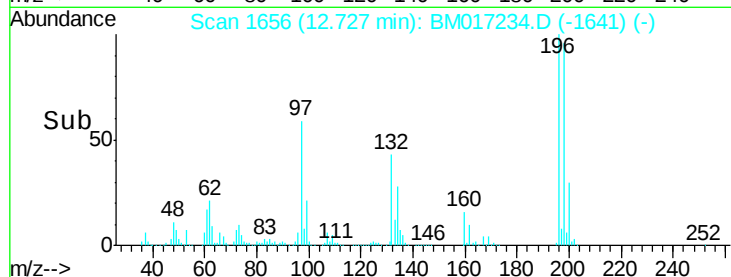
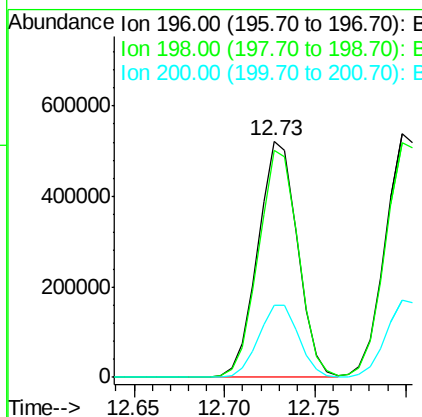
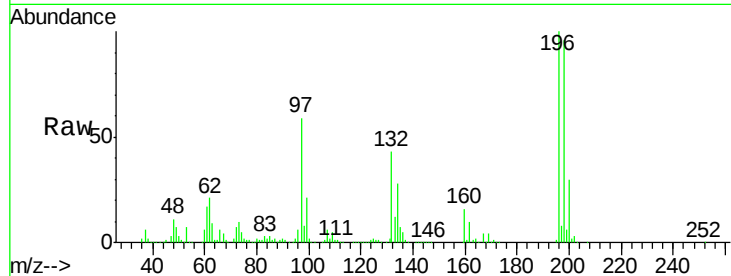
#43
 2,4,6-Trichlorophenol
 Concen: 46.687 ng
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

Tgt Ion:	196	Resp:	794332
Ion Ratio	Lower	Upper	
196	100		
198	96.1	77.1	115.7
200	30.3	25.0	37.4

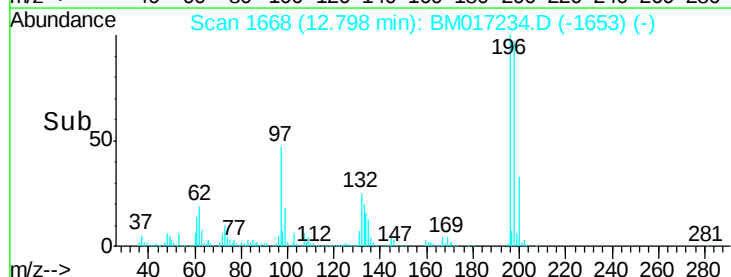
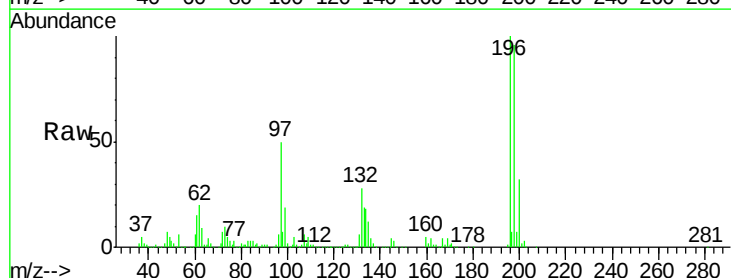
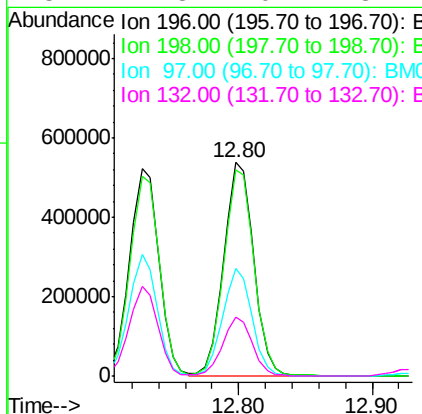
Manual Integrations
 APPROVED

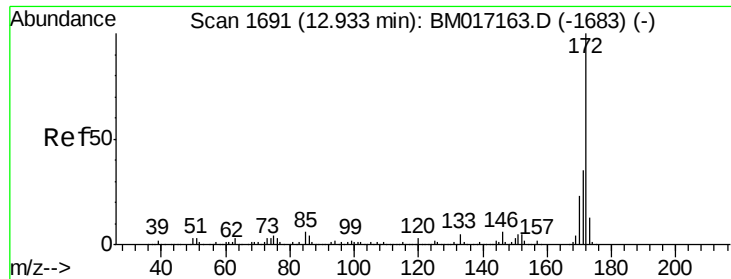
Sohil
 10/22/2018 1:09:19 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.341 ng
 RT: 12.80 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion:	196	Resp:	845459
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.6	115.0
97	50.1	35.5	53.3
132	27.8	20.7	31.1





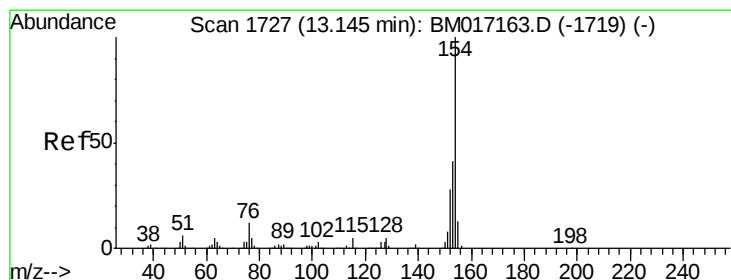
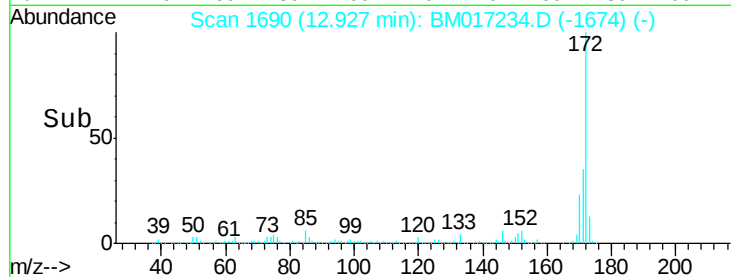
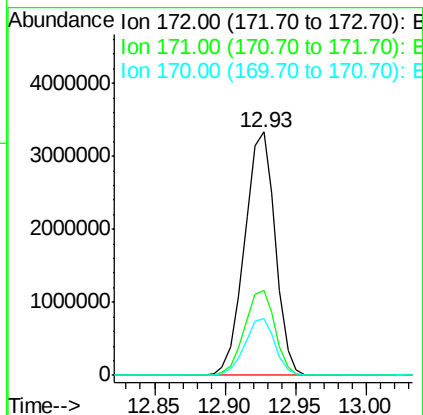
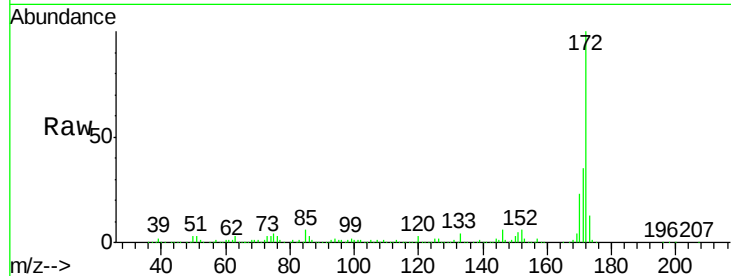
#45
 2-Fluorobiphenyl
 Concen: 80.871 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

Tgt Ion:172 Resp: 5058423
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 23.0 18.3 27.5

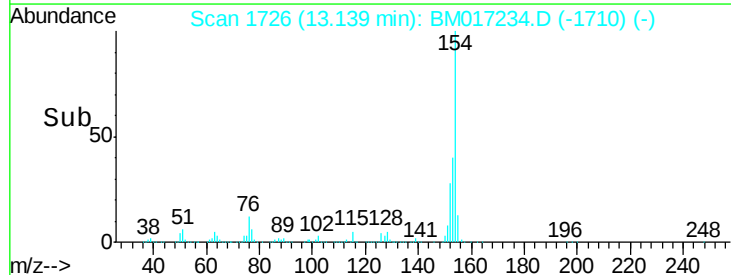
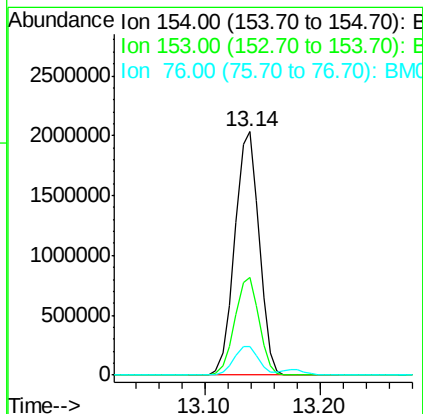
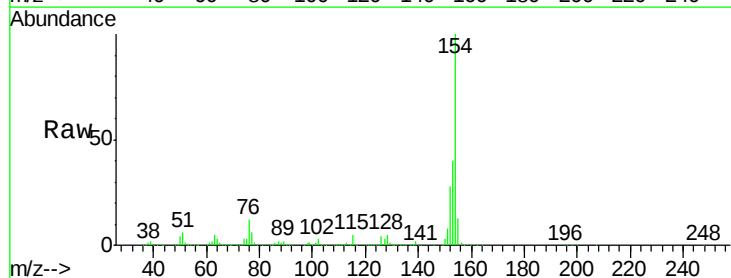
Manual Integrations
 APPROVED

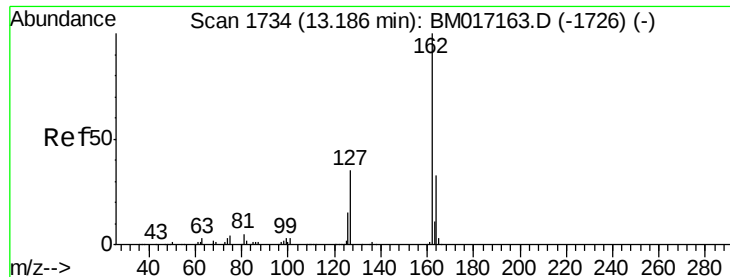
Sohil
 10/22/2018 1:09:19 PM



#46
 1,1'-Biphenyl
 Concen: 39.630 ng
 RT: 13.14 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion:154 Resp: 2968015
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.5 60.5
 76 11.7 0.0 31.8





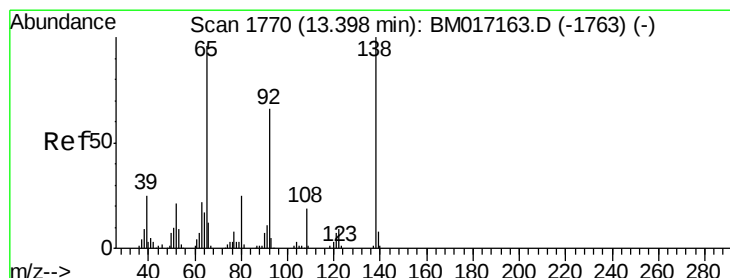
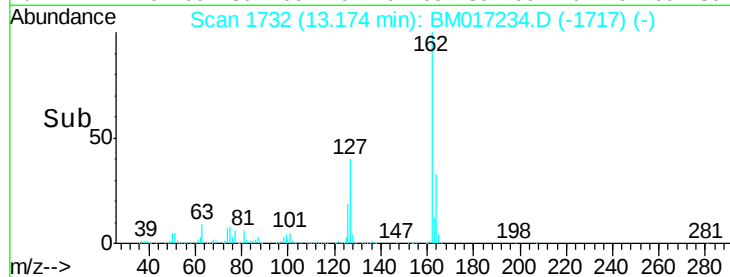
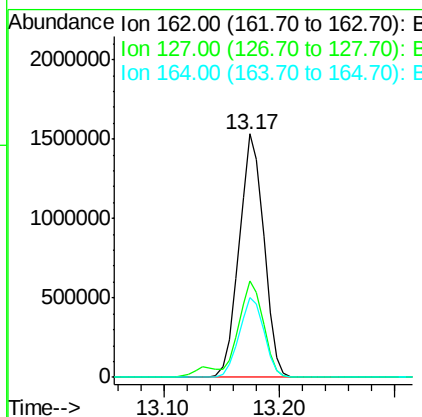
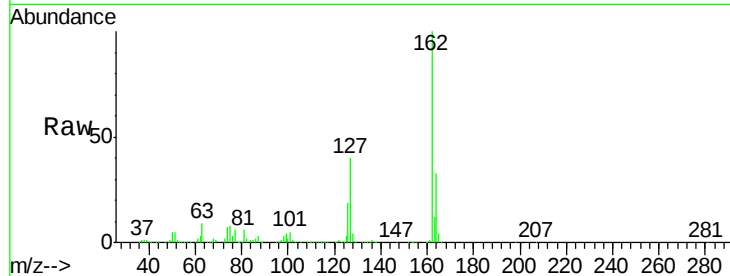
#47
2-Chloronaphthalene
Concen: 41.123 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.0	46.4
164	32.5	26.6	39.8

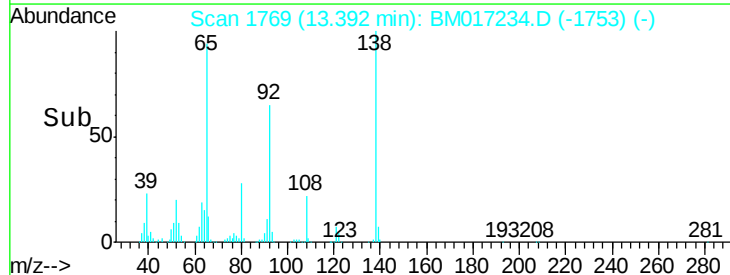
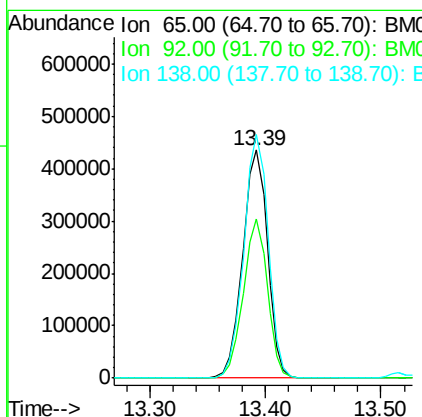
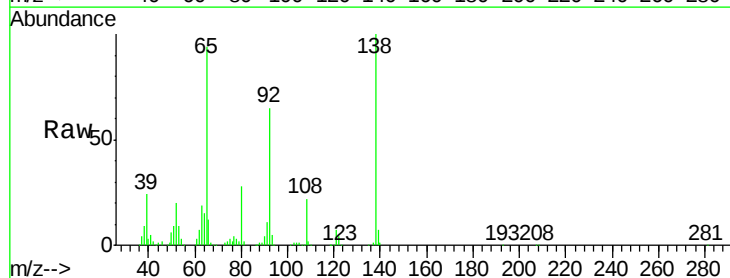
Manual Integrations
APPROVED

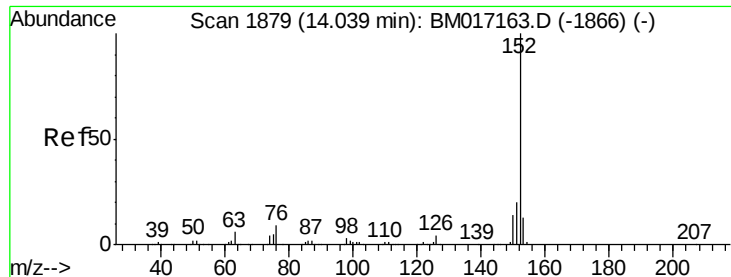
Sohil
10/22/2018 1:09:19 PM



#48
2-Nitroaniline
Concen: 42.616 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	54.9	82.3
138	106.8	83.7	125.5





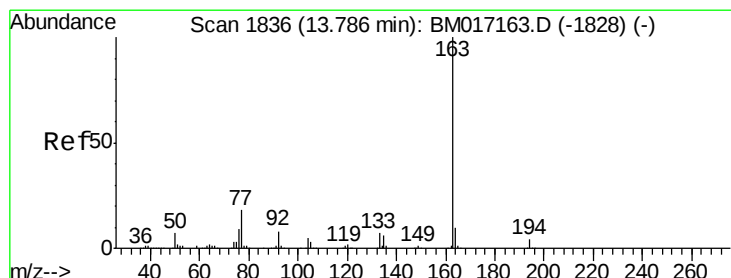
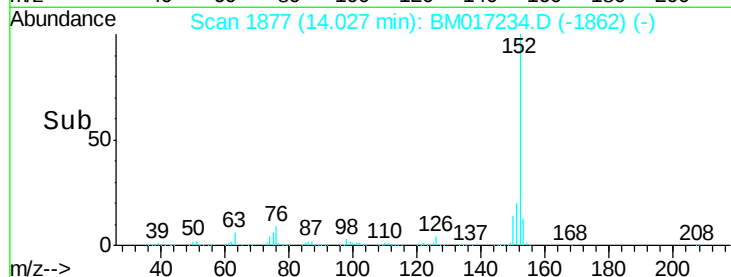
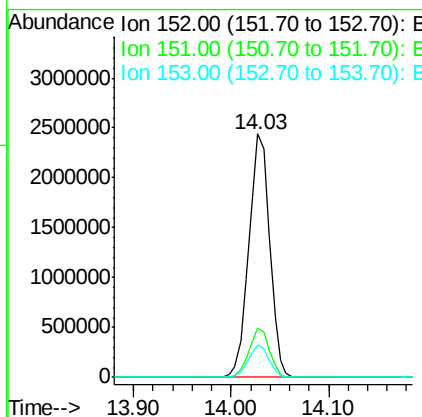
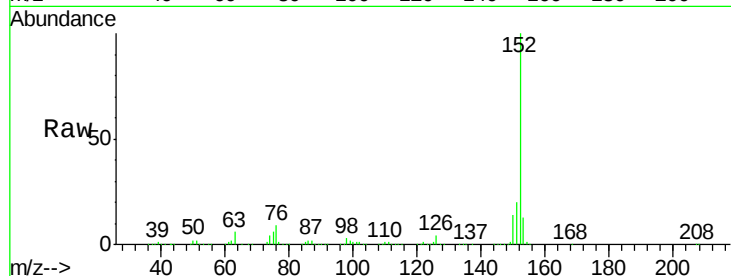
#49
Acenaphthylene
Concen: 45.420 ng
RT: 14.03 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.4	15.6

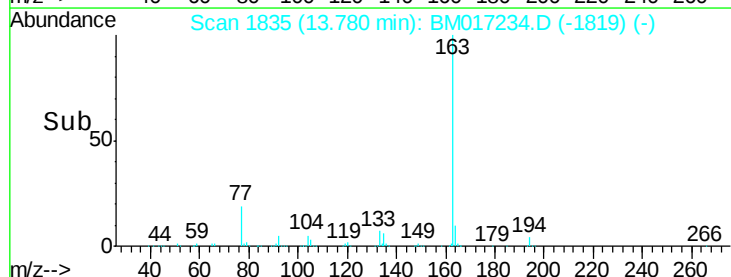
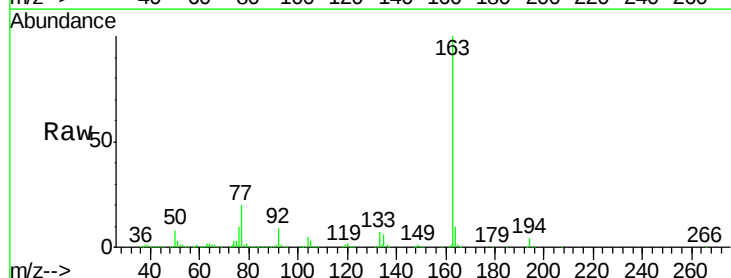
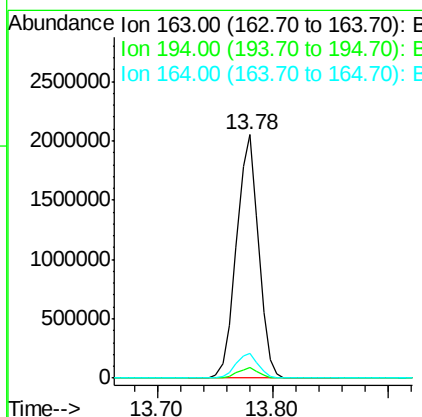
Manual Integrations
APPROVED

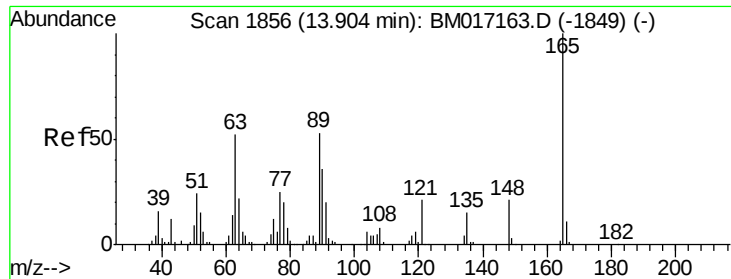
Sohil
10/22/2018 1:09:19 PM



#50
Dimethylphthalate
Concen: 42.192 ng
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.0	7.8	11.8





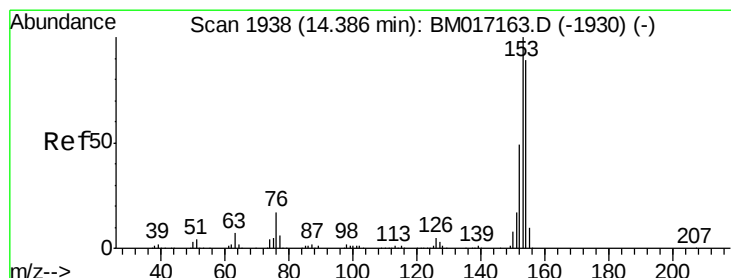
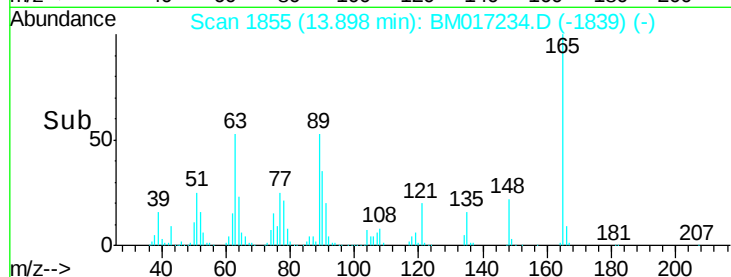
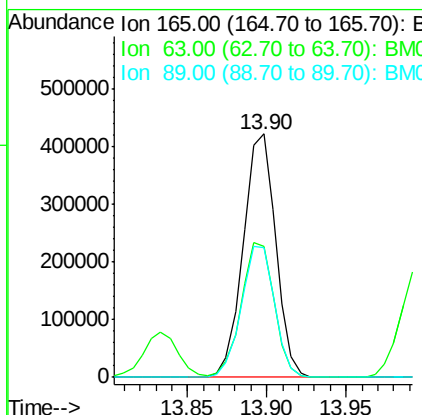
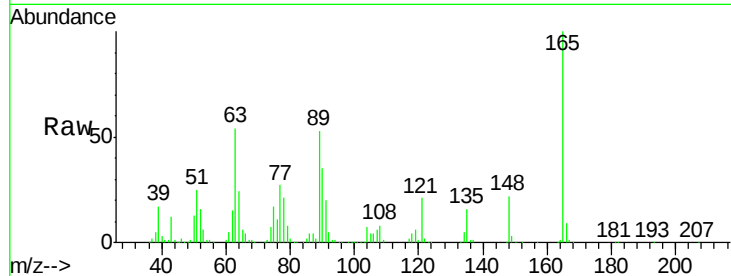
#51
 2,6-Dinitrotoluene
 Concen: 42.441 ng
 RT: 13.90 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	599774		
63	54.0		42.7	64.1
89	53.1		42.1	63.1

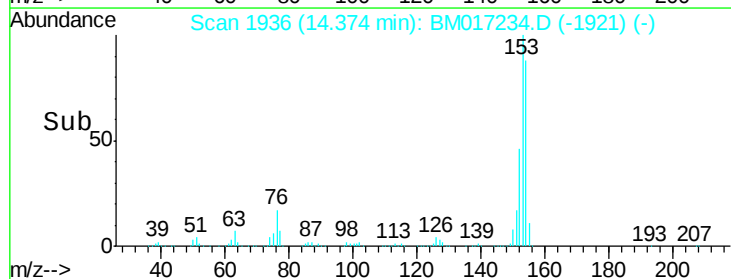
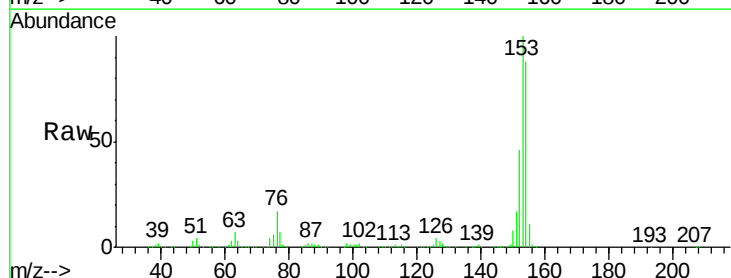
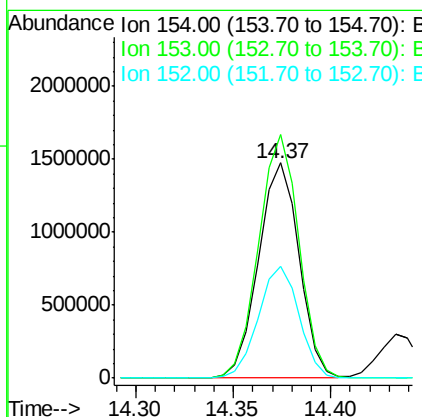
Manual Integrations
 APPROVED

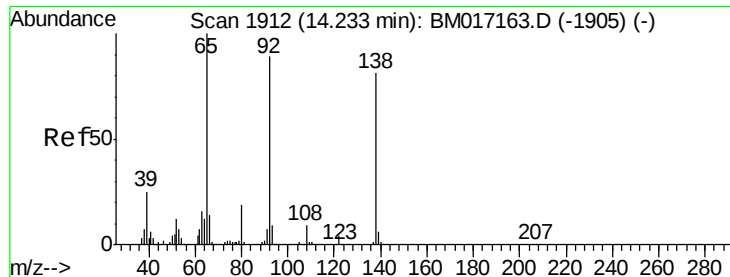
Sohil
 10/22/2018 1:09:19 PM



#52
 Acenaphthene
 Concen: 42.357 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2123966		
153	113.2		90.2	135.2
152	51.8		44.2	66.4





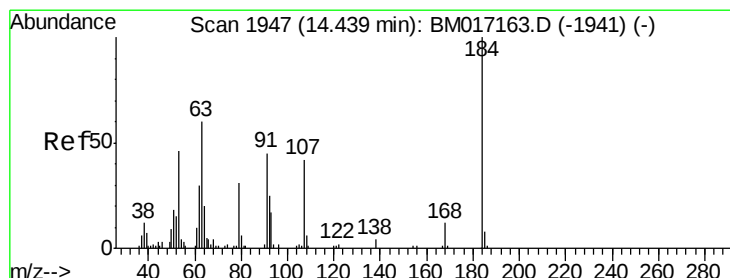
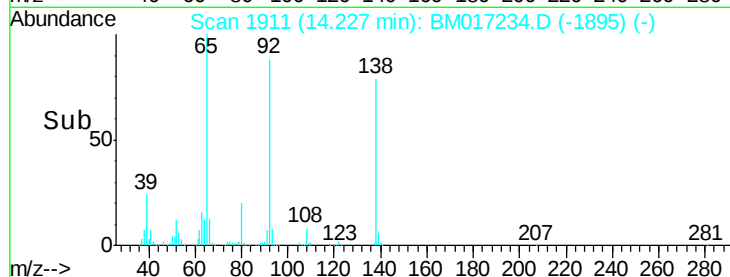
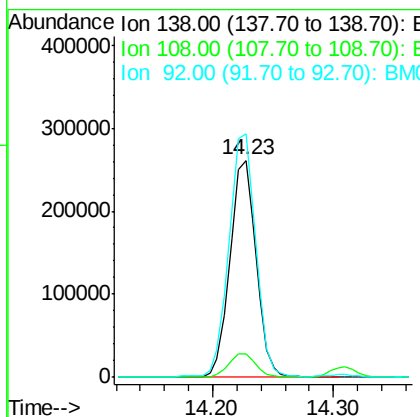
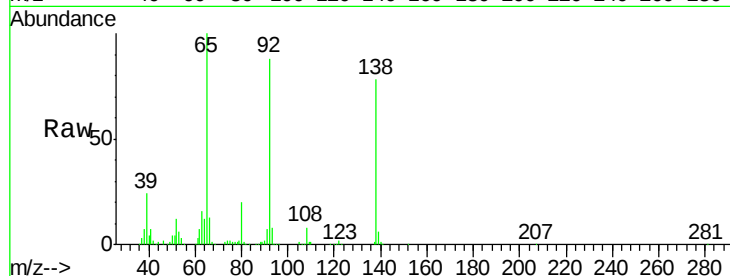
#53
3-Nitroaniline
Concen: 25.876 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	396041		
108	10.6	8.7	13.1	
92	112.1	87.9	131.9	

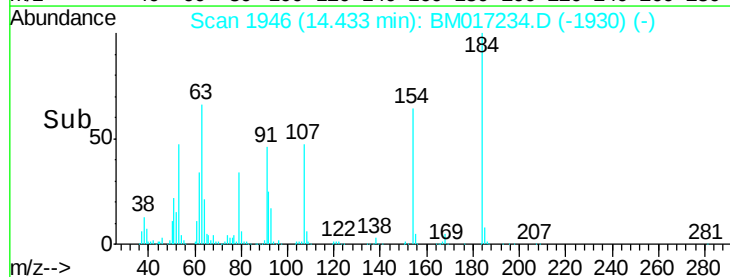
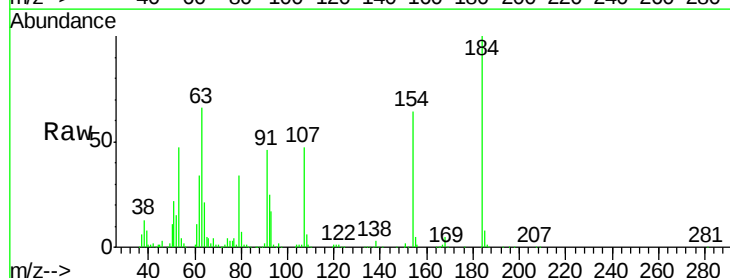
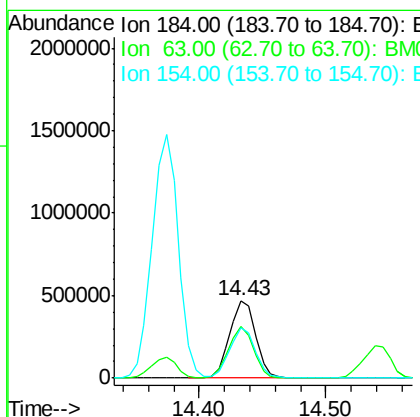
Manual Integrations
APPROVED

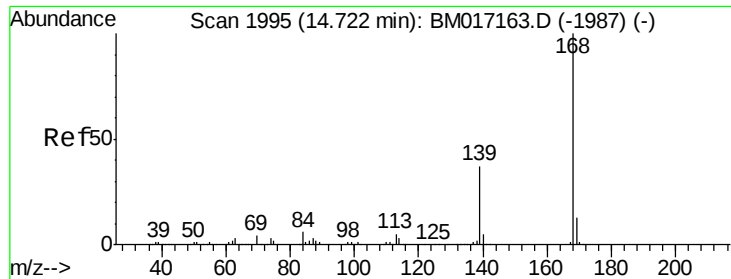
Sohil
10/22/2018 1:09:19 PM



#54
2,4-Dinitrophenol
Concen: 80.408 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	667018		
63	66.5	51.2	76.8	
154	64.2	47.8	71.8	





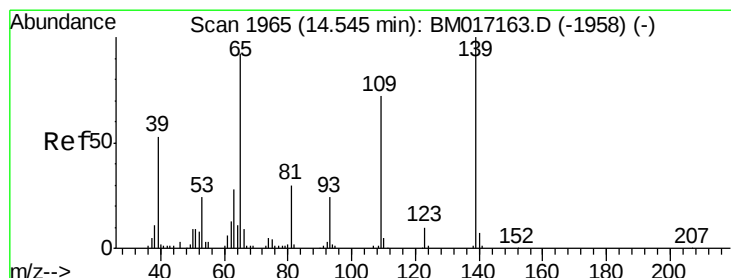
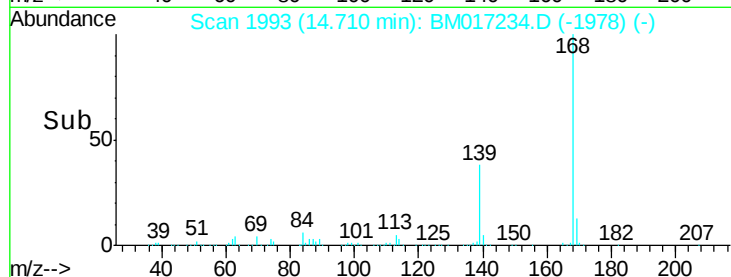
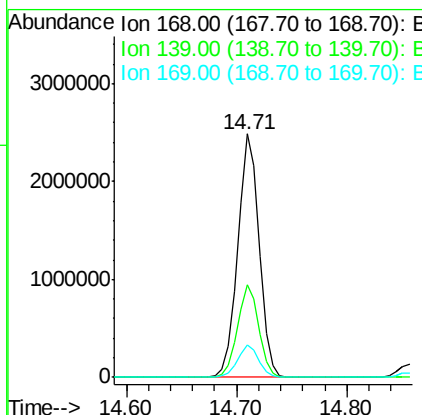
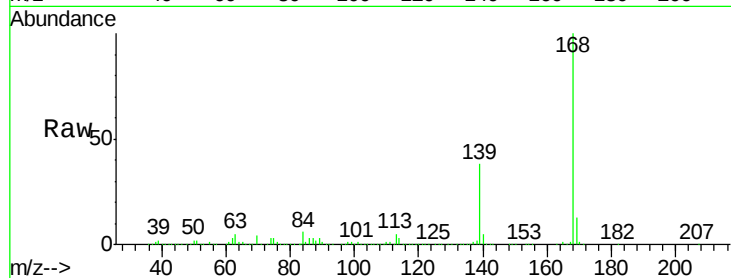
#55
Dibenzofuran
Concen: 40.472 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

Tgt Ion:168 Resp: 3374877
Ion Ratio Lower Upper
168 100
139 37.9 29.3 43.9
169 13.4 10.6 15.8

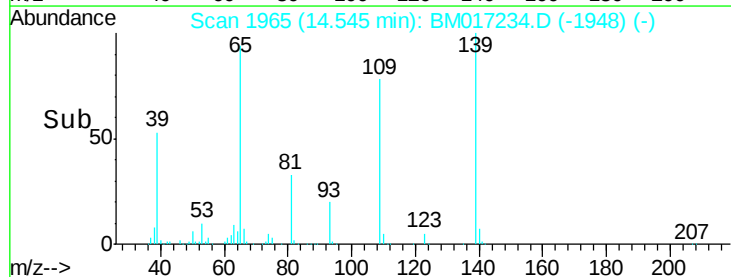
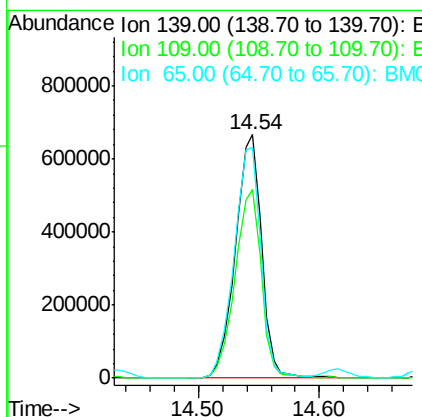
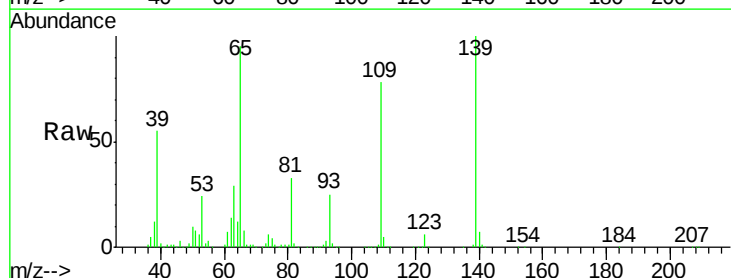
Manual Integrations
APPROVED

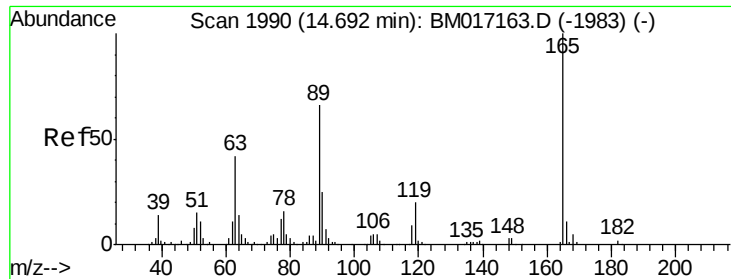
Sohil
10/22/2018 1:09:19 PM



#56
4-Nitrophenol
Concen: 72.846 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion:139 Resp: 1009899
Ion Ratio Lower Upper
139 100
109 77.7 51.8 91.8
65 95.0 72.1 112.1





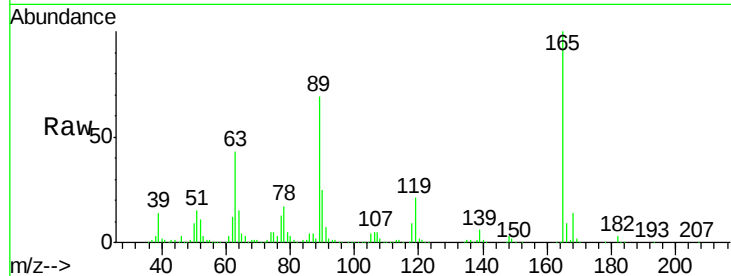
#57
2,4-Dinitrotoluene
Concen: 43.104 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	818720		
63	43.1	33.8	50.8	
89	68.8	53.1	79.7	
182	2.9	2.0	3.0	

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM

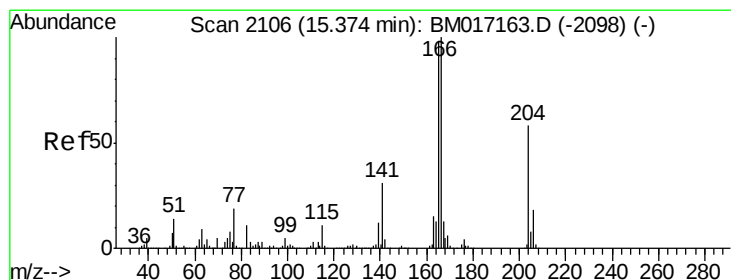
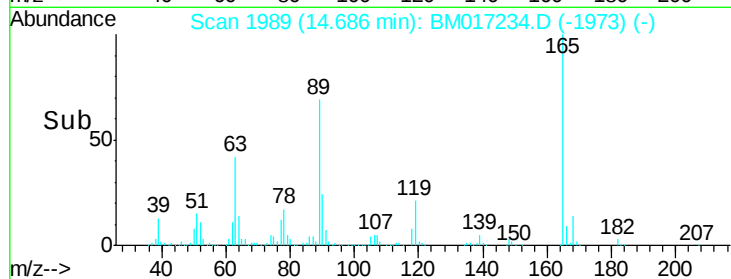
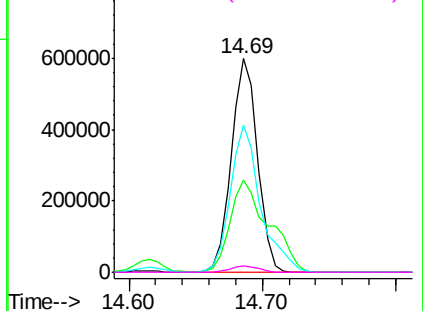


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM017234.D (-1973) (-)

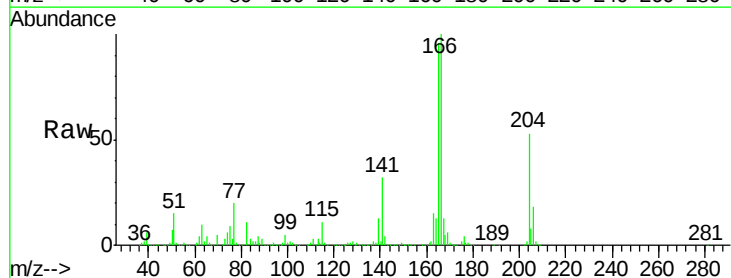
Ion 89.00 (88.70 to 89.70): BM017234.D (-1973) (-)

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.620 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

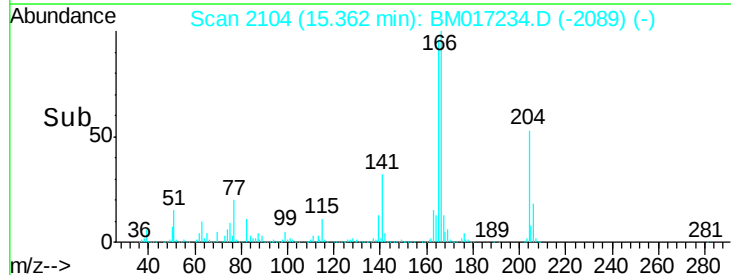
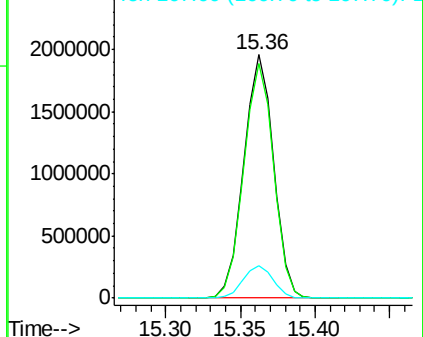
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2692306		
165	96.3	78.1	117.1	
167	13.4	10.6	16.0	

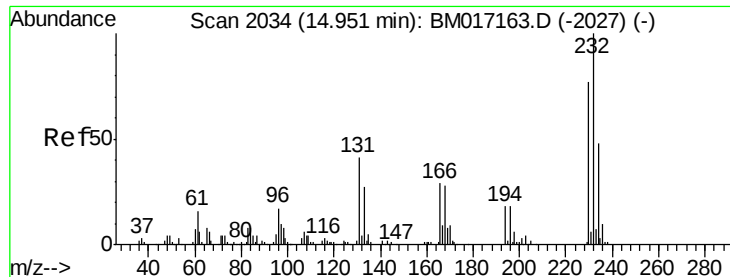


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





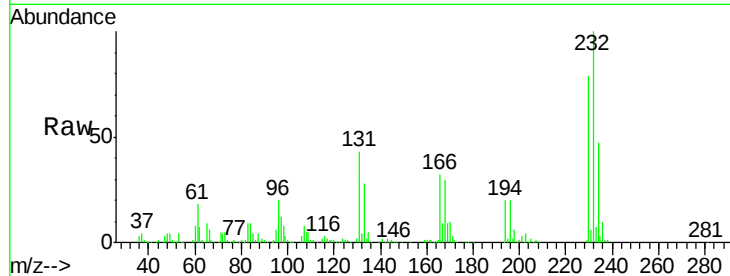
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.889 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

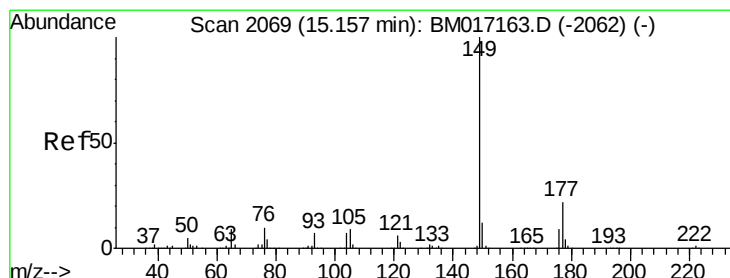
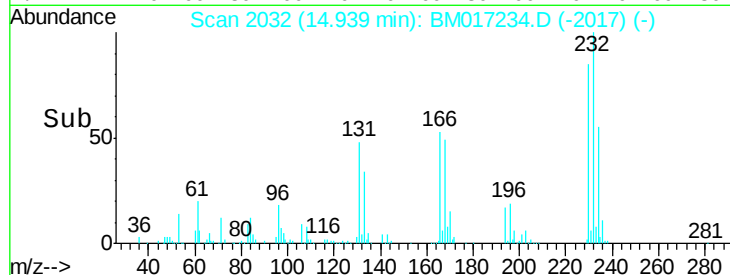
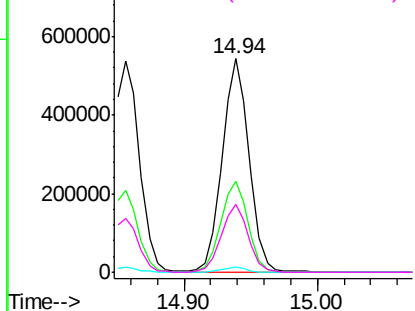
Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.1	33.1	49.7
130	2.2	1.7	2.5
166	31.4	24.4	36.6

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM

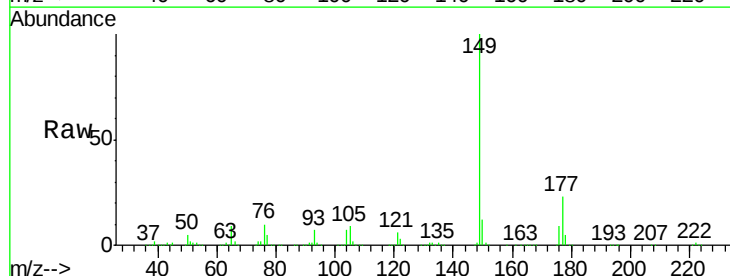


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

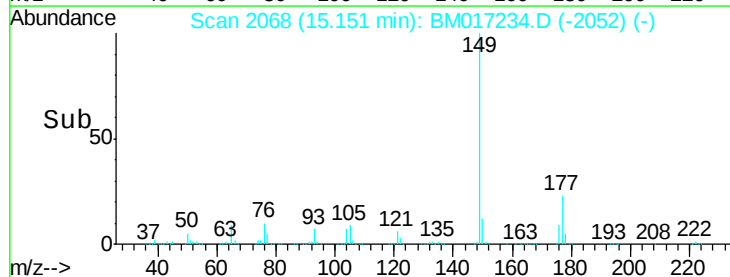
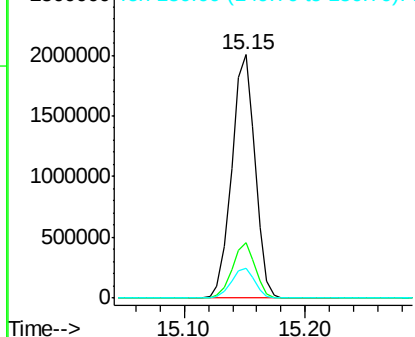


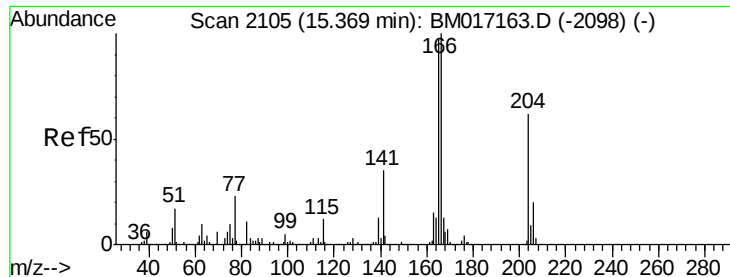
#60
Diethylphthalate
Concen: 42.169 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.7	26.5
150	12.5	10.0	15.0



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





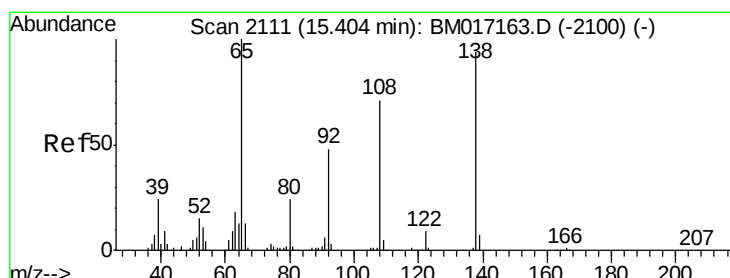
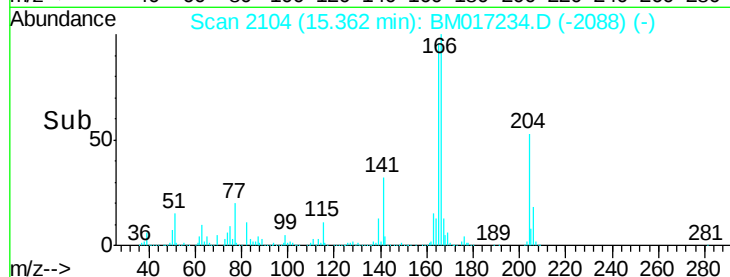
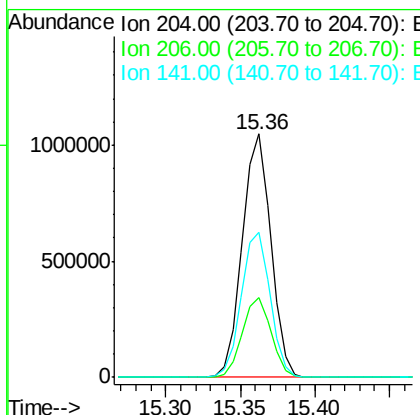
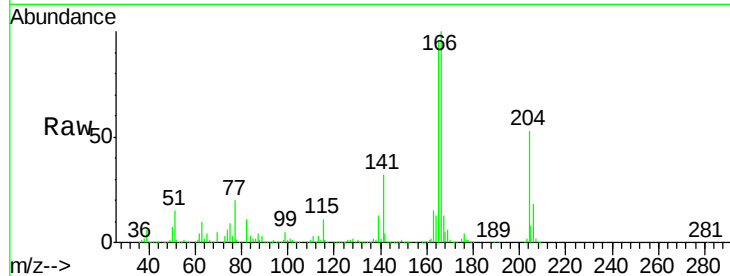
#61
 4-Chlorophenyl-phenylether
 Concen: 39.449 ng
 RT: 15.36 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.1	39.1
141	59.8	45.4	68.2

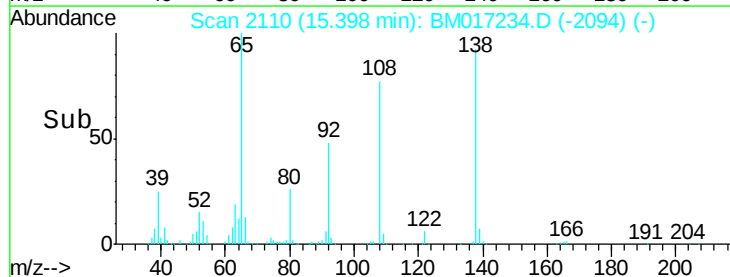
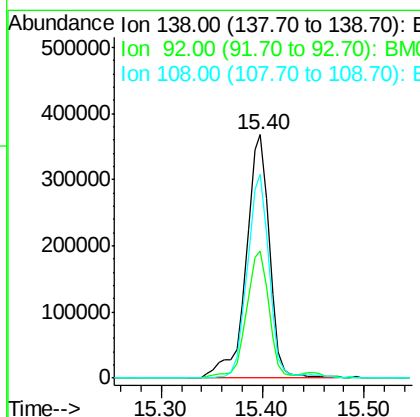
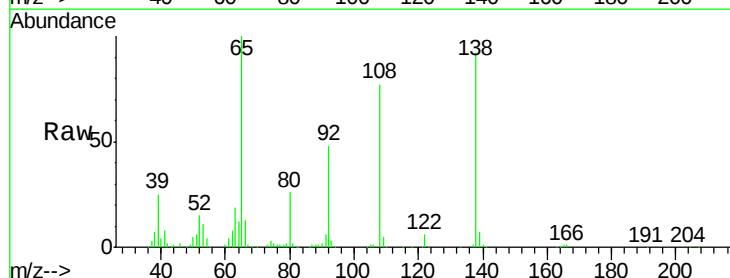
Manual Integrations
 APPROVED

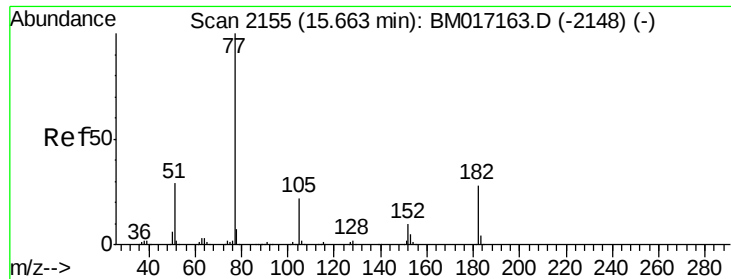
Sohil
 10/22/2018 1:09:19 PM



#62
 4-Nitroaniline
 Concen: 35.898 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	31.2	71.2
108	84.0	55.5	95.5





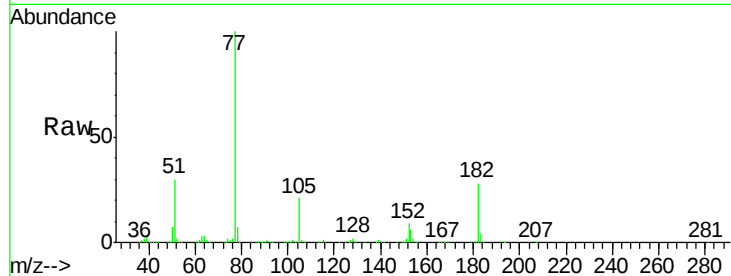
#63
Azobenzene
Concen: 42.142 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

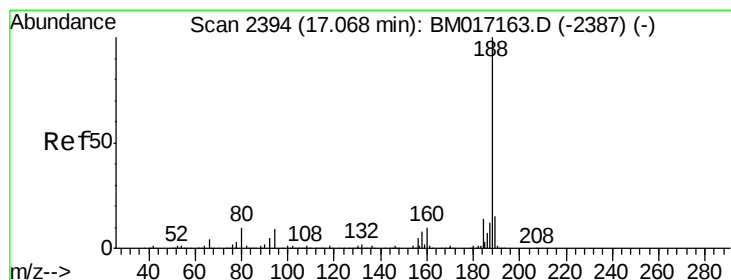
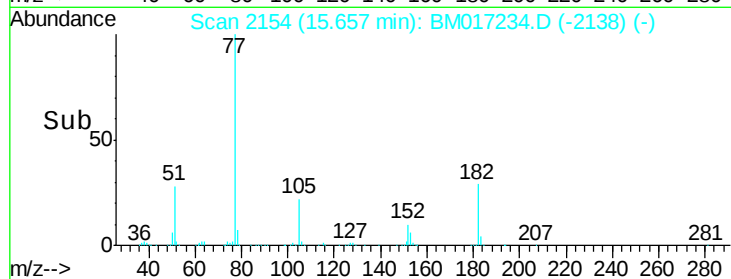
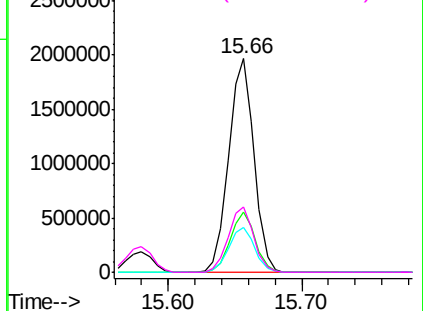
Tgt Ion: 77 Resp: 2608262
Ion Ratio Lower Upper
77 100
182 28.2 8.3 48.3
105 21.3 1.5 41.5
51 30.4 8.8 48.8

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM

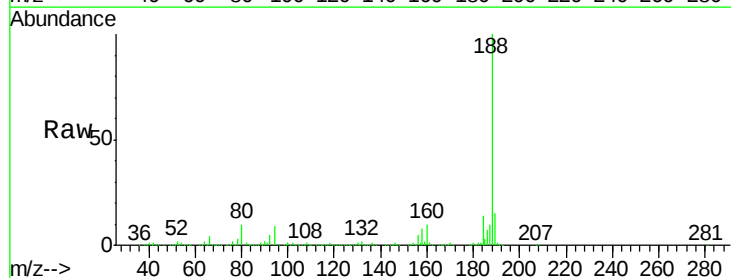


Abundance Ion 77.00 (76.70 to 77.70): BM017234.D (-2148) (-)
Ion 182.00 (181.70 to 182.70): BM017234.D (-2148) (-)
Ion 105.00 (104.70 to 105.70): BM017234.D (-2148) (-)
Ion 51.00 (50.70 to 51.70): BM017234.D (-2148) (-)

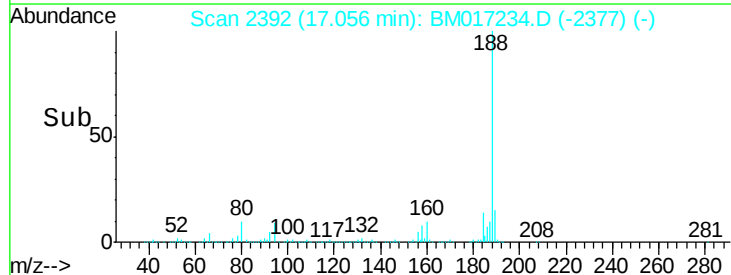
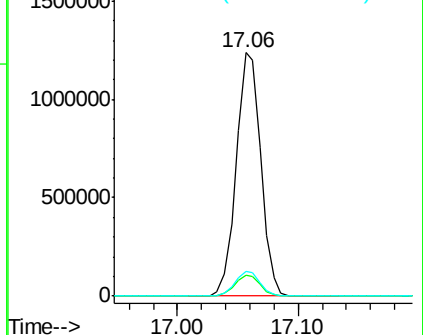


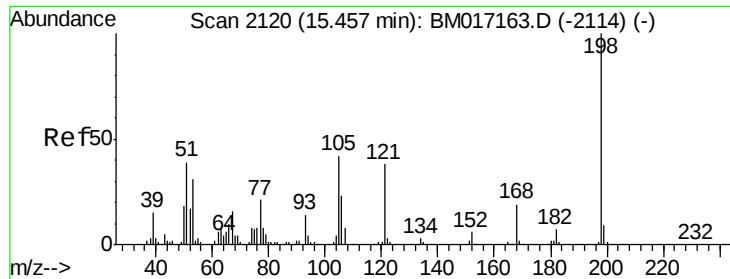
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion: 188 Resp: 1755415
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 10.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017234.D (-2387) (-)
Ion 94.00 (93.70 to 94.70): BM017234.D (-2387) (-)
Ion 80.00 (79.70 to 80.70): BM017234.D (-2387) (-)





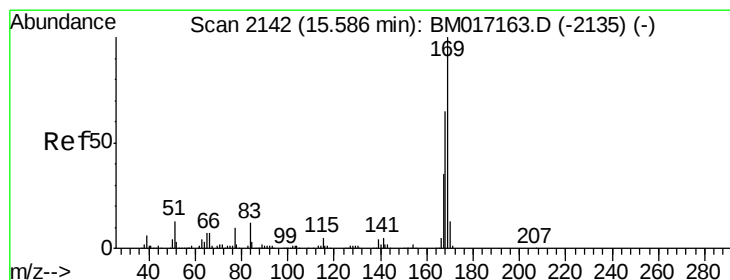
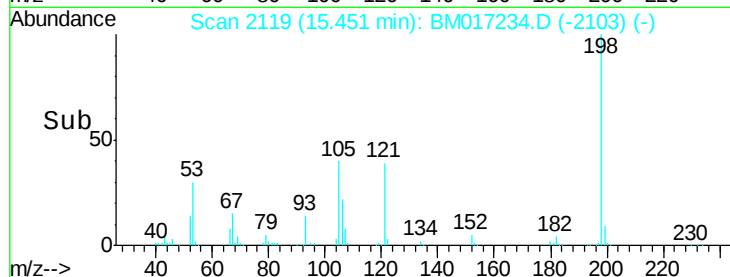
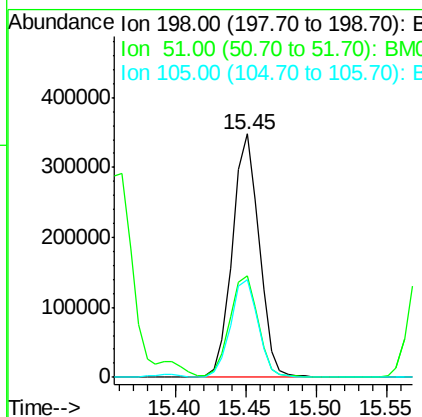
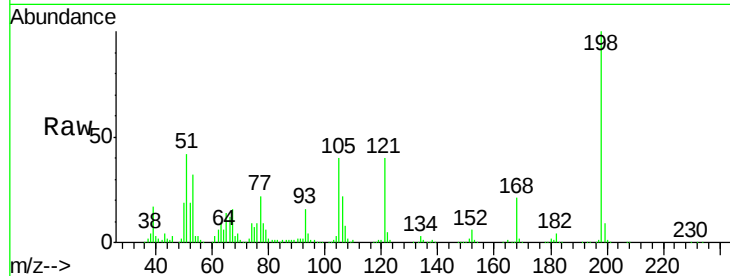
#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.940 ng
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	461103		
51	41.6	20.3	60.3	
105	40.0	21.9	61.9	

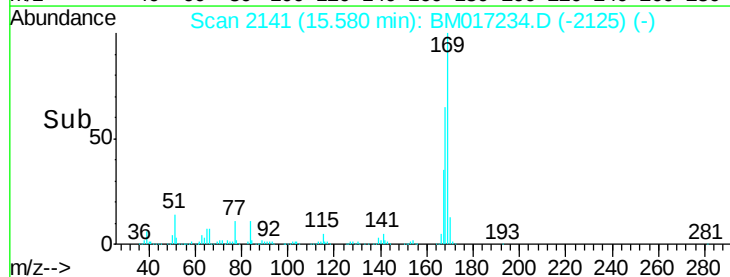
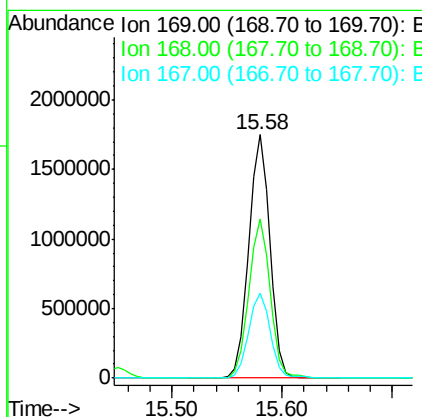
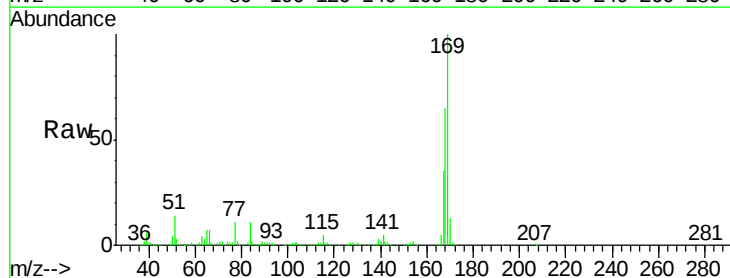
Manual Integrations
 APPROVED

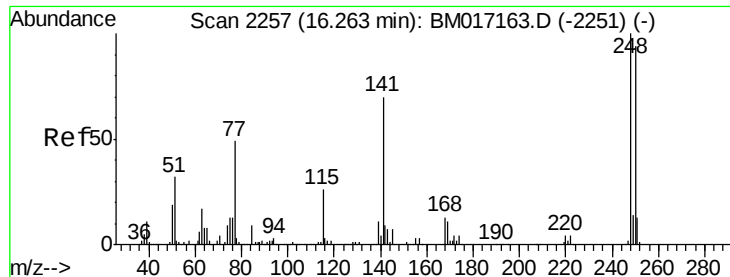
Sohil
 10/22/2018 1:09:19 PM



#66
 n-Nitrosodiphenylamine
 Concen: 44.205 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2347708		
168	65.2	52.2	78.4	
167	34.9	28.4	42.6	





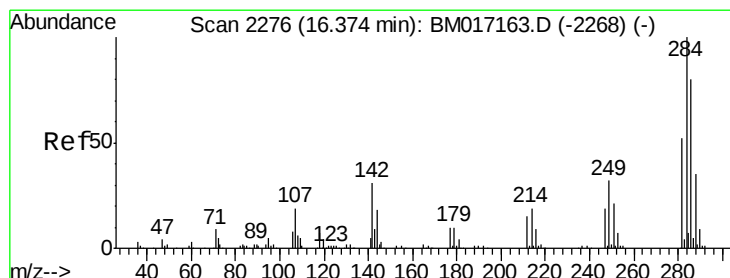
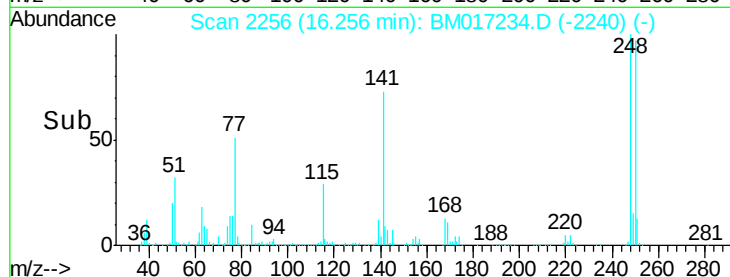
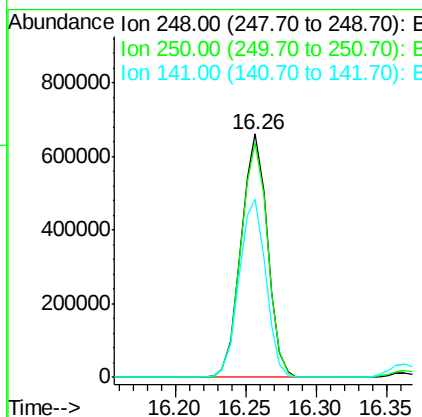
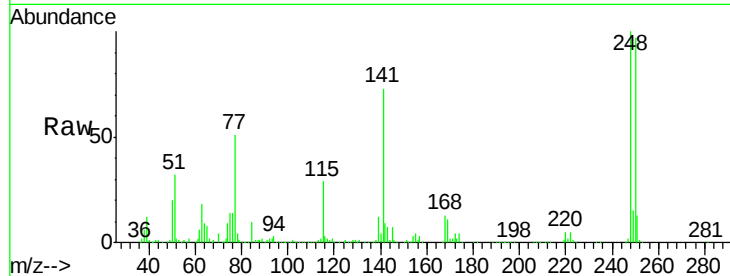
#67
 4-Bromophenyl-phenylether
 Concen: 44.814 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	75.1	112.7
141	73.1	55.6	83.4

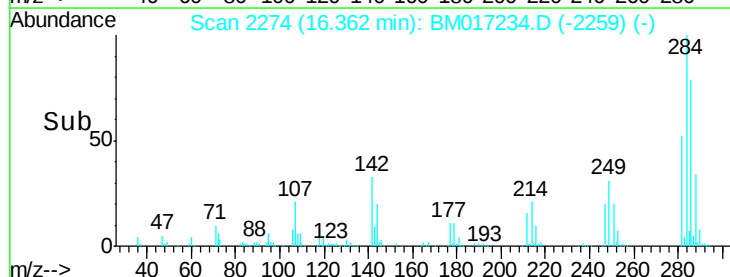
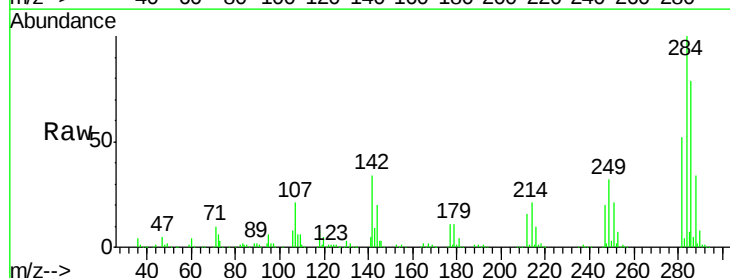
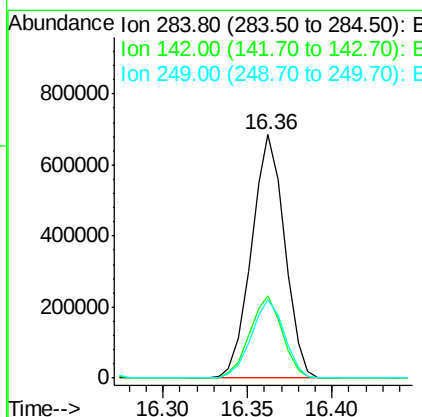
Manual Integrations
 APPROVED

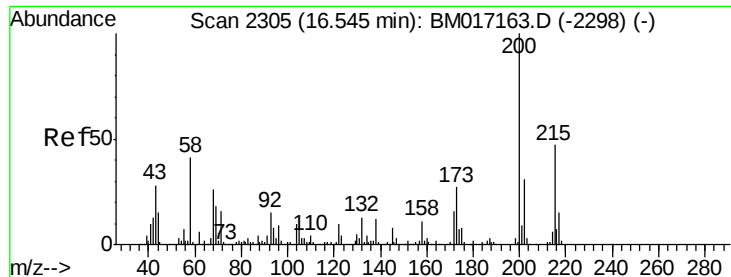
Sohil
 10/22/2018 1:09:19 PM



#68
 Hexachlorobenzene
 Concen: 41.846 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	25.0	37.6
249	32.1	25.5	38.3





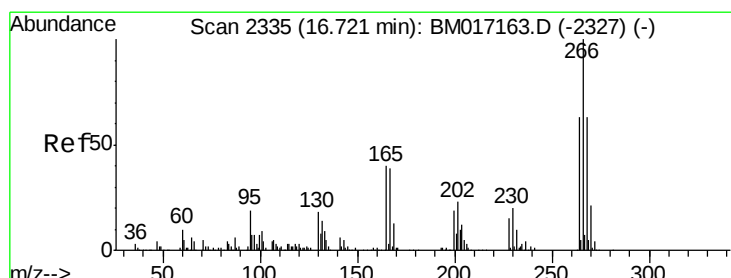
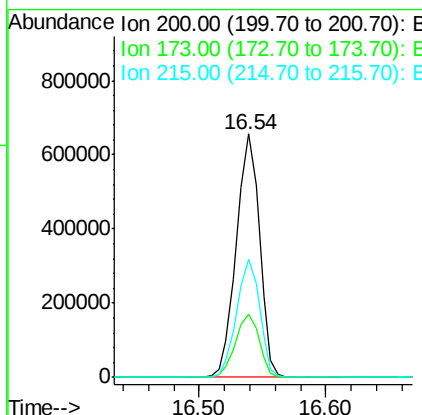
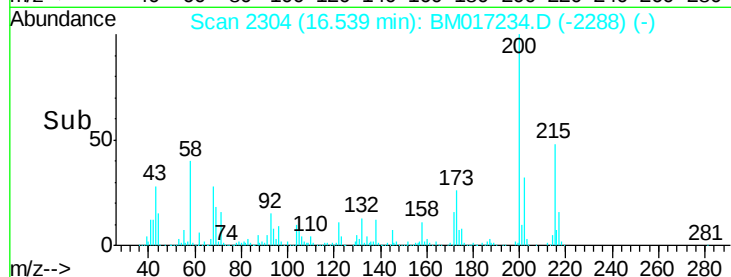
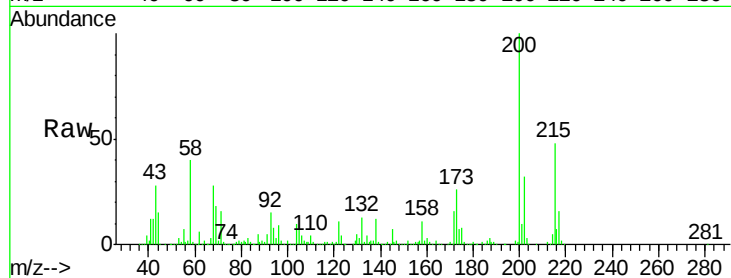
#69
 Atrazine
 Concen: 43.744 ng
 RT: 16.54 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	831489		
173	25.9	7.0	47.0	
215	48.4	27.3	67.3	

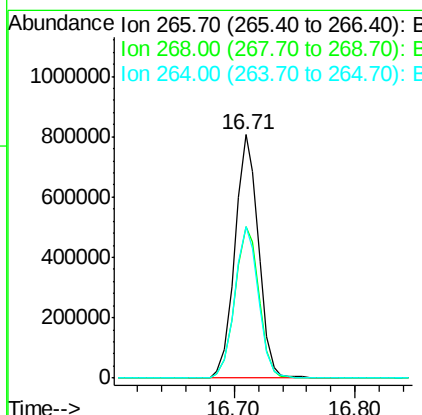
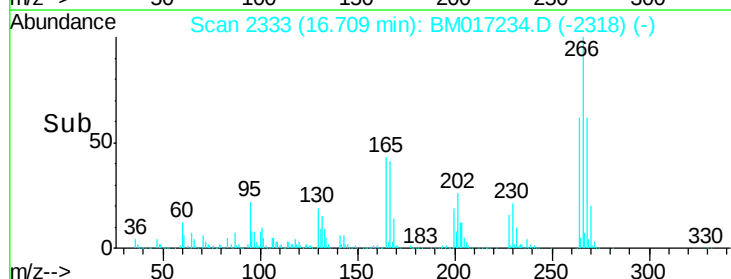
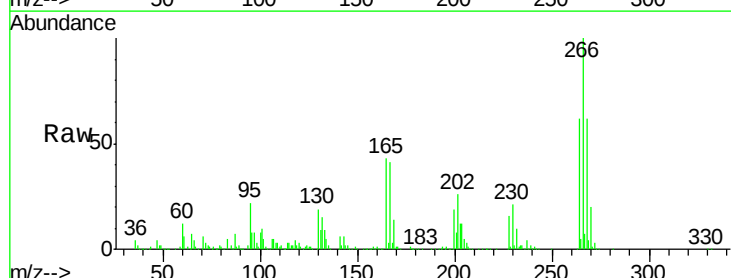
Manual Integrations
 APPROVED

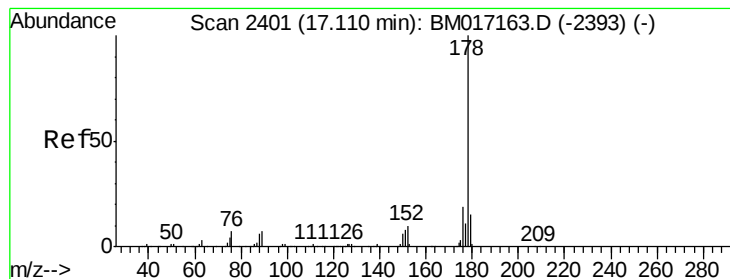
Sohil
 10/22/2018 1:09:19 PM



#70
 Pentachlorophenol
 Concen: 71.638 ng
 RT: 16.71 min Scan# 2333
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1098749		
268	62.4	50.7	76.1	
264	62.3	50.4	75.6	





#71

Phenanthrene

Concen: 42.877 ng

RT: 17.10 min Scan# 2400

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

PB113993BS

Tgt Ion:178 Resp: 4060920

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

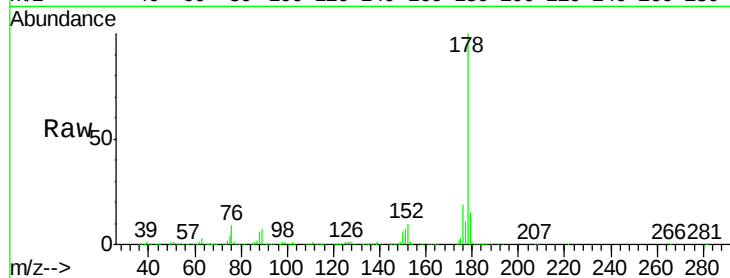
179 15.3 12.3 18.5

Manual Integrations

APPROVED

Sohil

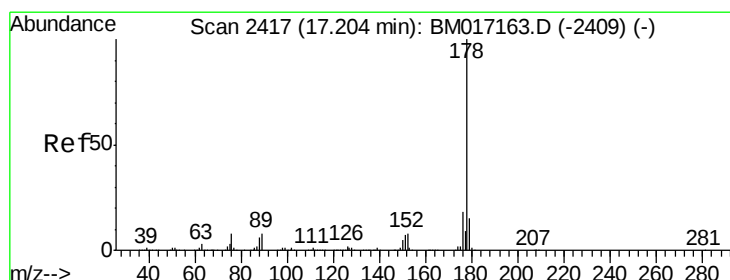
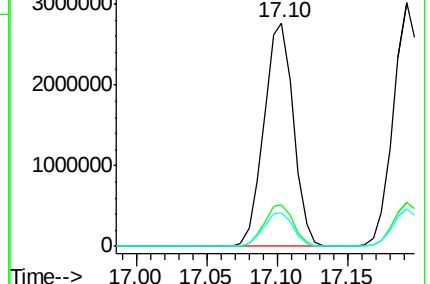
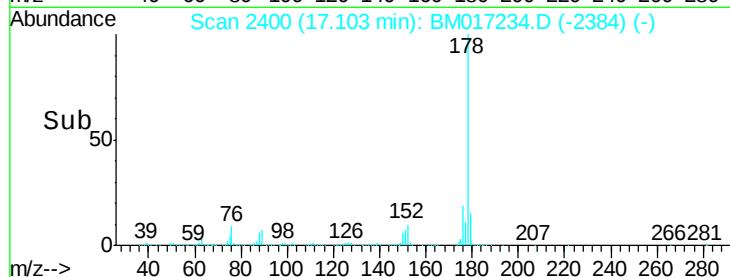
10/22/2018 1:09:19 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.972 ng

RT: 17.19 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

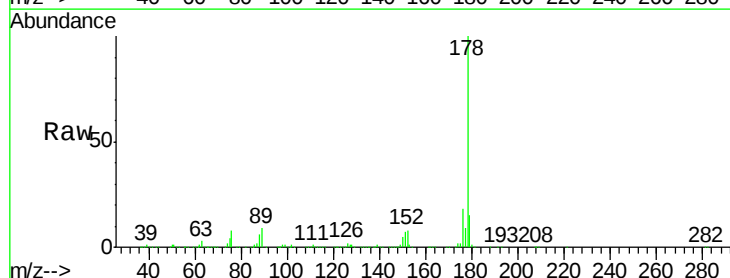
Tgt Ion:178 Resp: 4137144

Ion Ratio Lower Upper

178 100

176 17.9 14.5 21.7

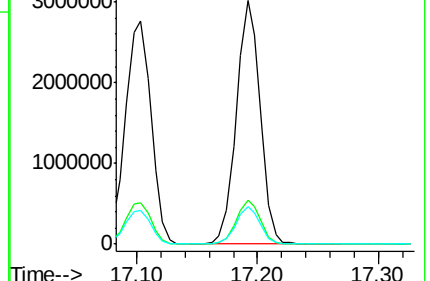
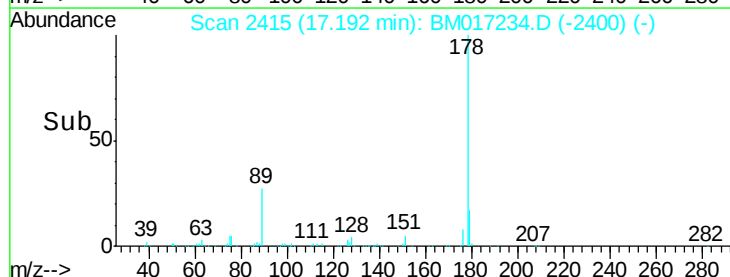
179 15.4 12.2 18.2

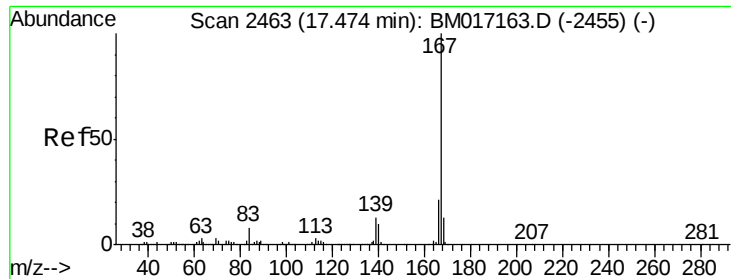


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





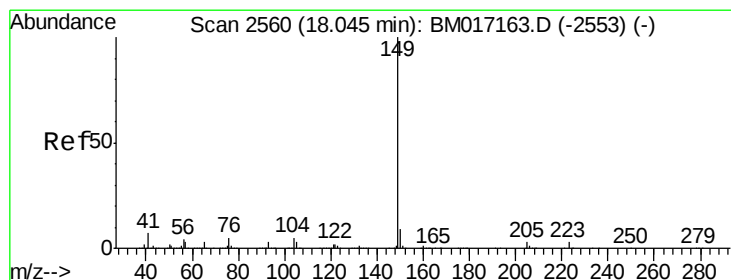
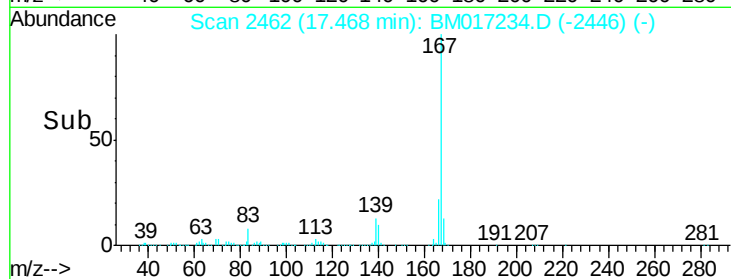
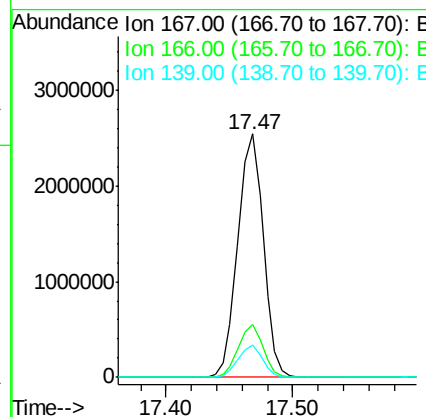
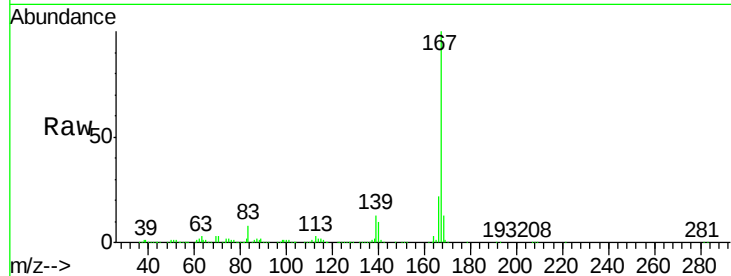
#73
 Carbazole
 Concen: 38.570 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.1	25.7
139	13.1	10.1	15.1

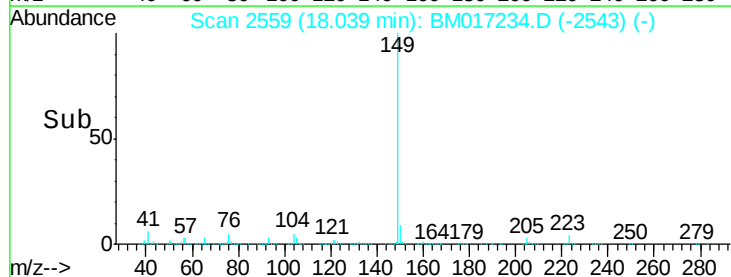
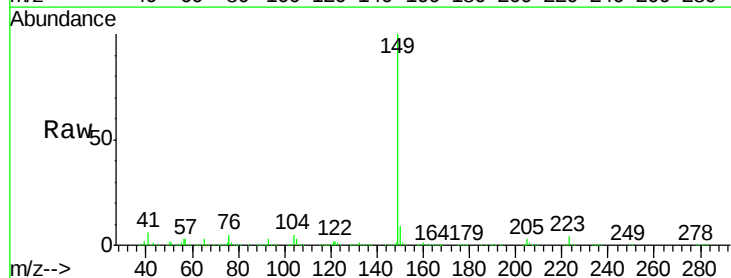
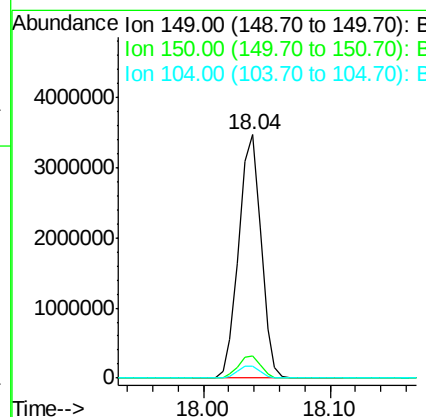
Manual Integrations
 APPROVED

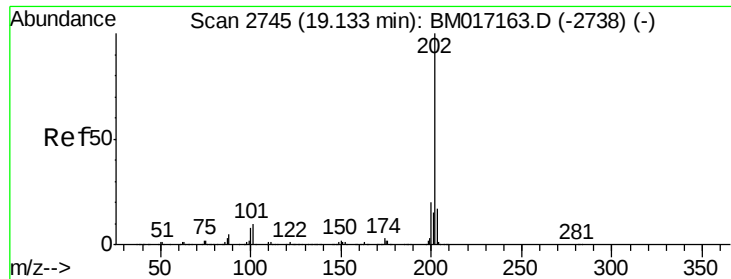
Sohil
 10/22/2018 1:09:19 PM



#74
 Di-n-butylphthalate
 Concen: 43.296 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 40.277 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

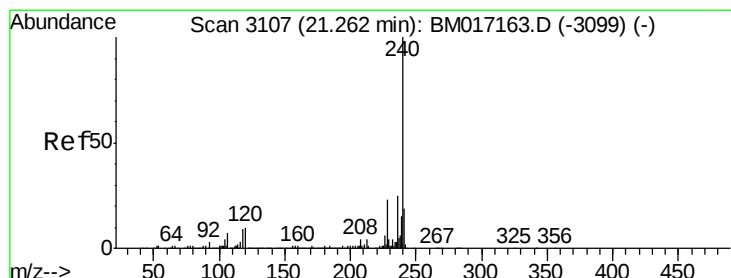
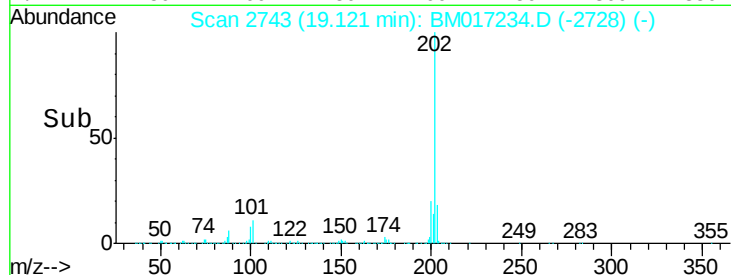
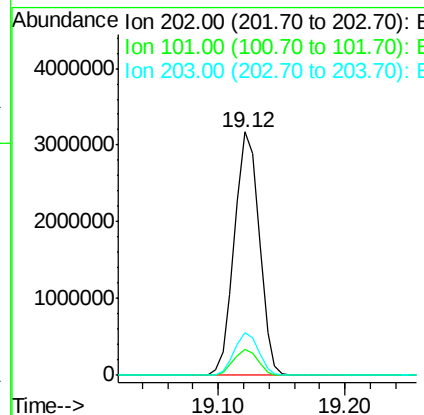
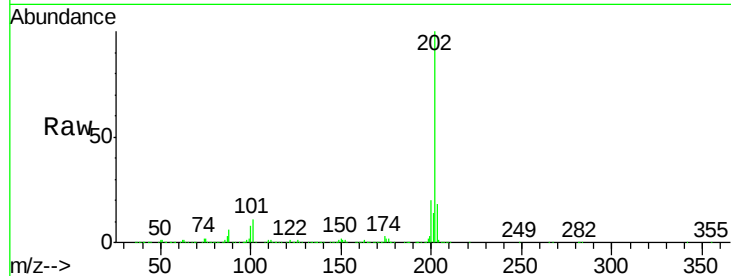
PB113993BS

Tgt Ion: 202 Resp: 4292450

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.0
203	17.5	0.0	37.2

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3106

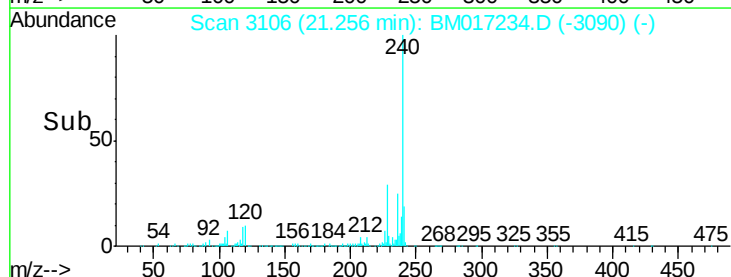
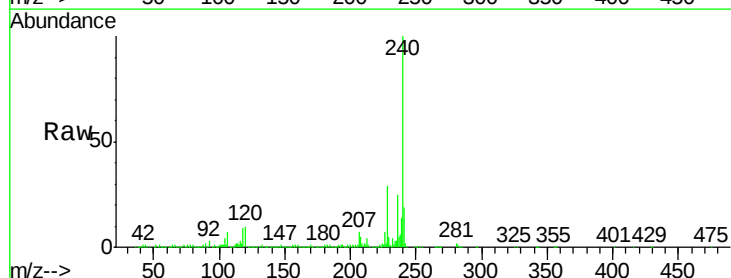
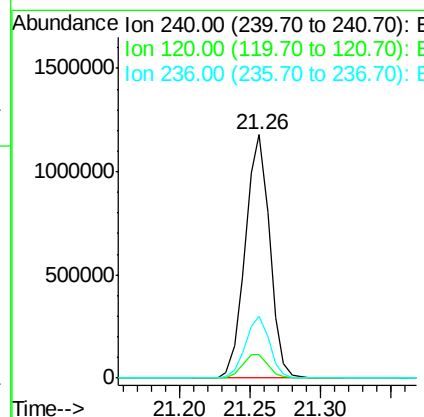
Delta R.T. -0.01 min

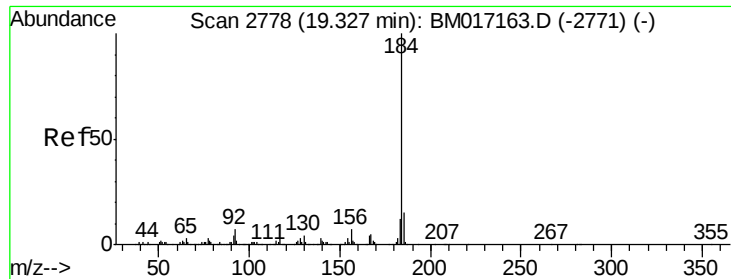
Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion: 240 Resp: 1430348

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.1	12.1
236	25.2	19.9	29.9





#77

Benzidine

Concen: 57.556 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

PB113993BS

Tgt Ion:184 Resp: 2087480

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.8

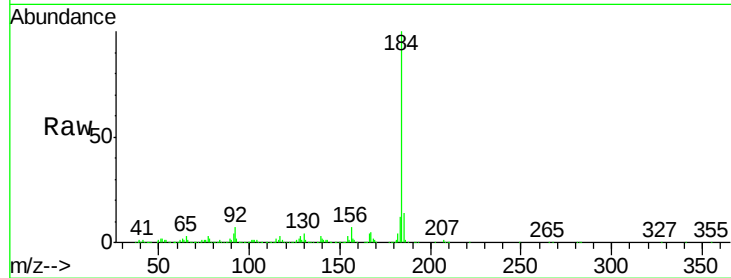
183 11.7 9.7 14.5

Manual Integrations

APPROVED

Sohil

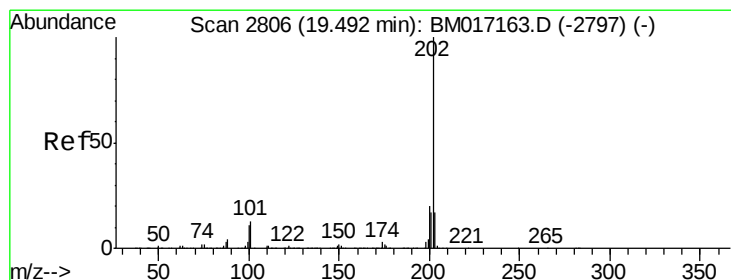
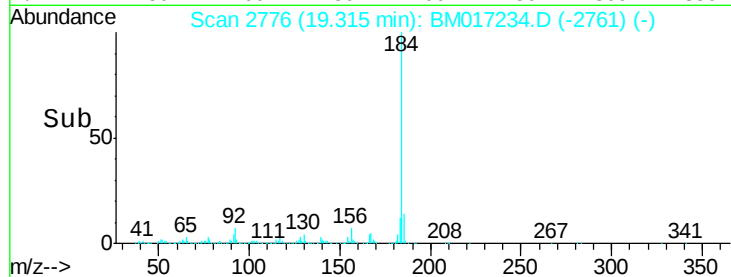
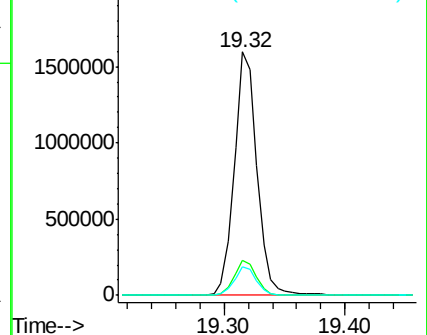
10/22/2018 1:09:19 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.852 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

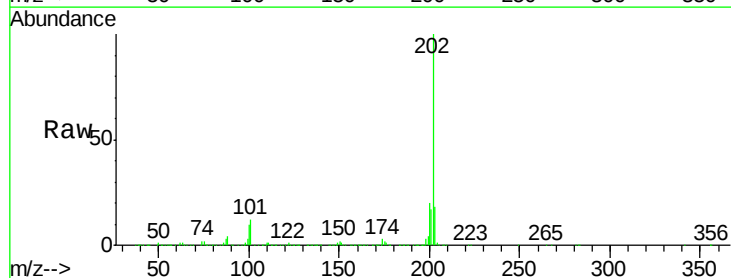
Tgt Ion:202 Resp: 4305042

Ion Ratio Lower Upper

202 100

200 20.4 16.3 24.5

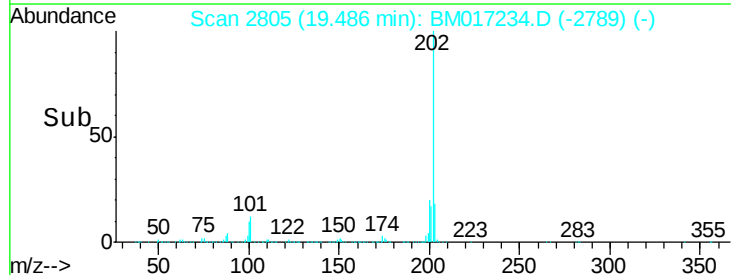
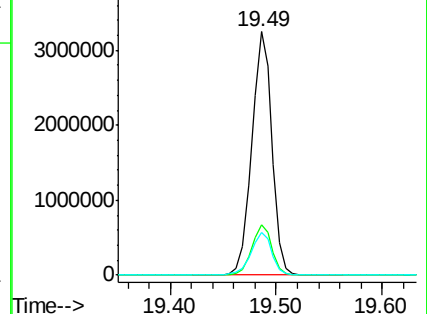
203 17.6 13.9 20.9

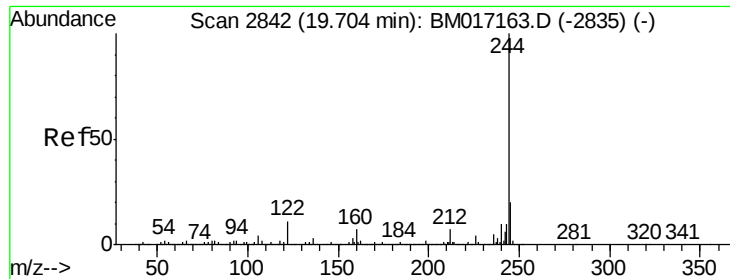


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





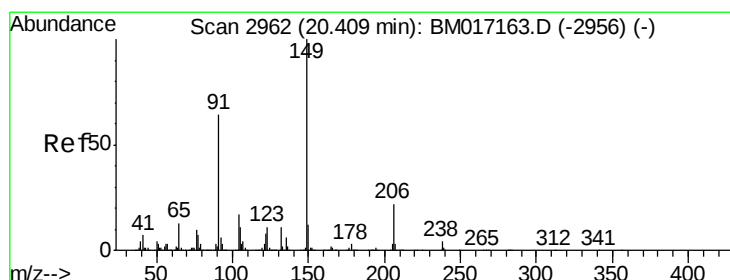
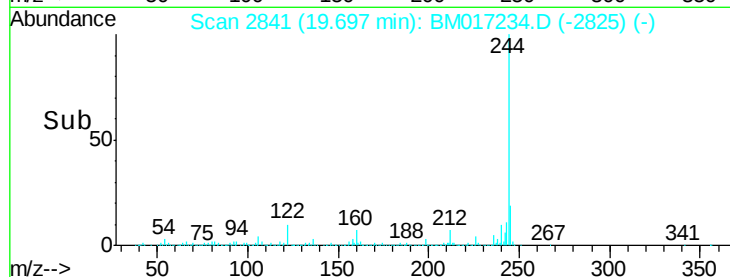
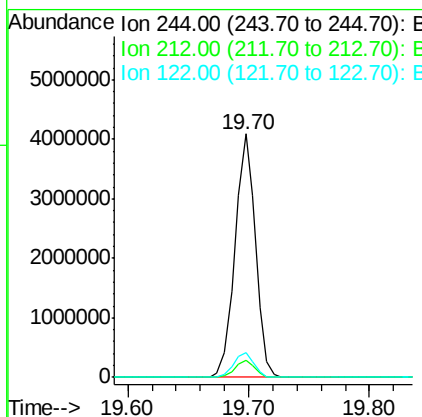
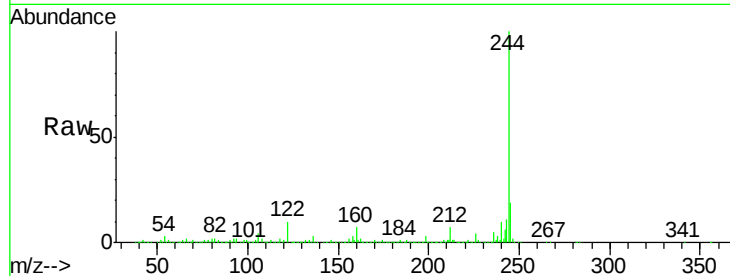
#79
 Terphenyl-d14
 Concen: 76.119 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampled :
 PB113993BS

Tgt Ion:244 Resp: 4830385
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.4 8.4 12.6

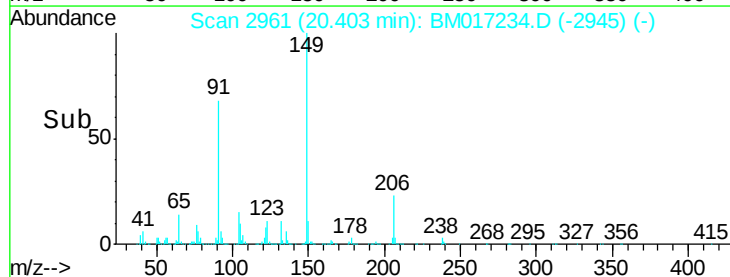
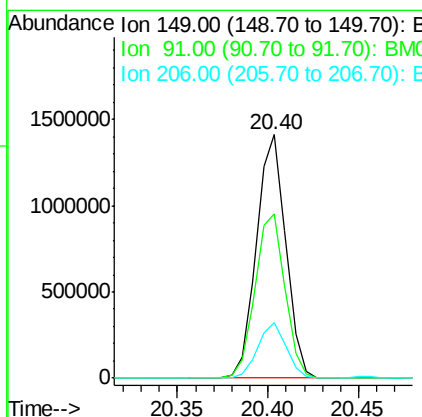
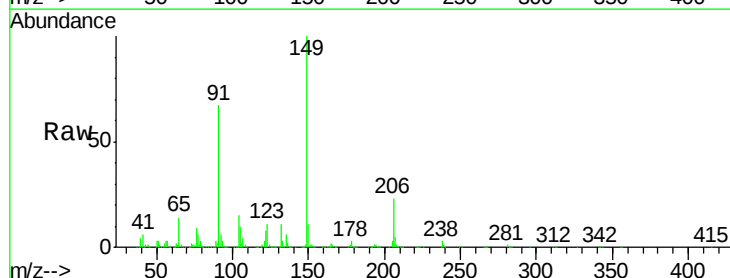
Manual Integrations
 APPROVED

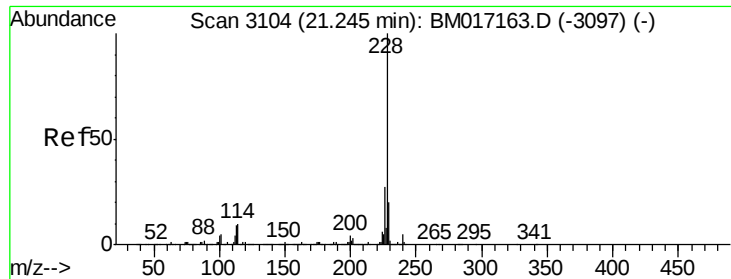
Sohil
 10/22/2018 1:09:19 PM



#80
 Butylbenzylphthalate
 Concen: 51.464 ng
 RT: 20.40 min Scan# 2961
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion:149 Resp: 1584085
 Ion Ratio Lower Upper
 149 100
 91 67.5 51.3 76.9
 206 22.7 18.0 27.0





#81

Benzo(a)anthracene

Concen: 45.437 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

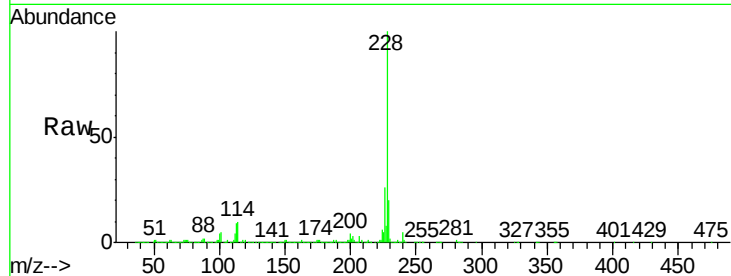
ClientSampleId :

PB113993BS

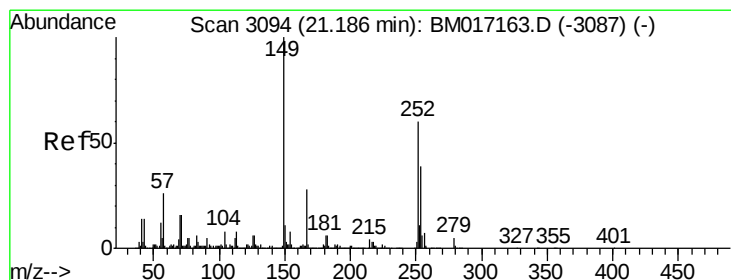
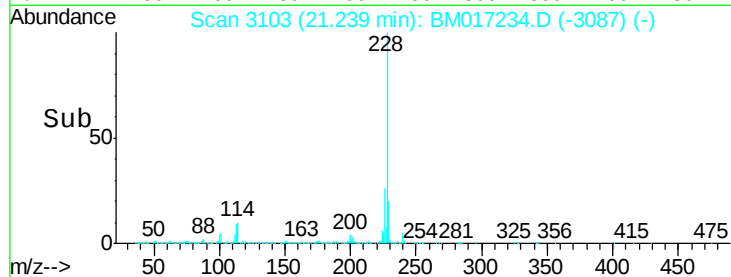
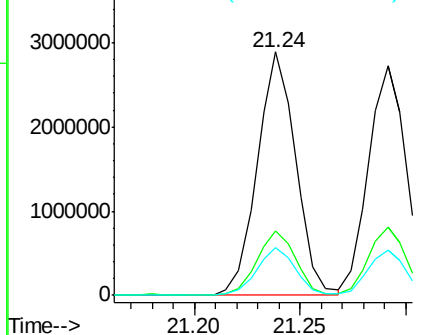
Tgt Ion:	228	Resp:	3657299
Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.4	32.0
229	19.8	15.9	23.9

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.278 ng

RT: 21.18 min Scan# 3093

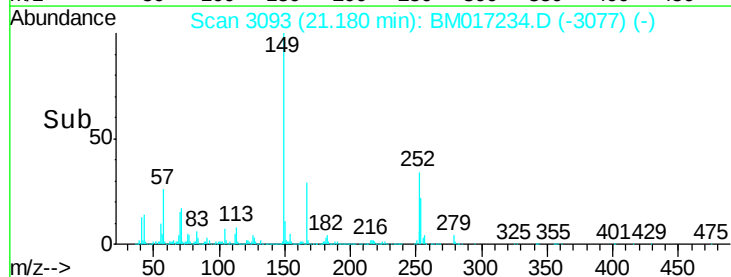
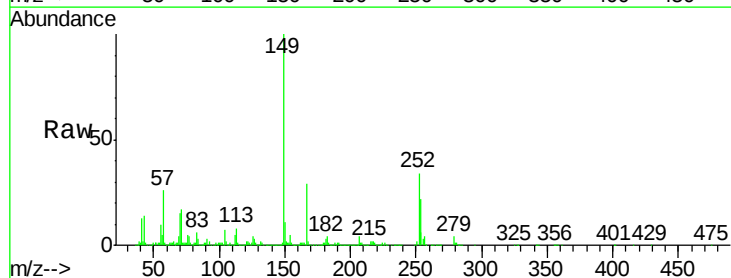
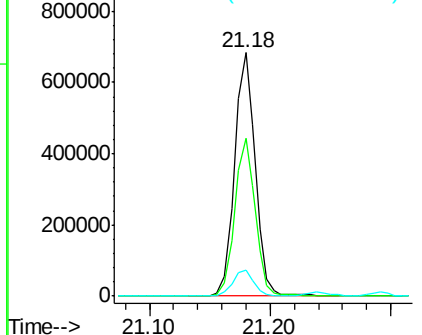
Delta R.T. -0.01 min

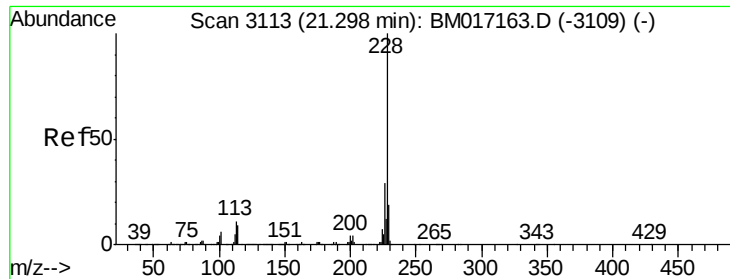
Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:	252	Resp:	818327
Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.1	78.1
126	10.7	8.6	12.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





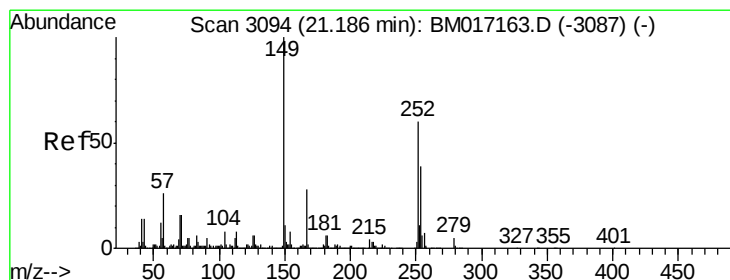
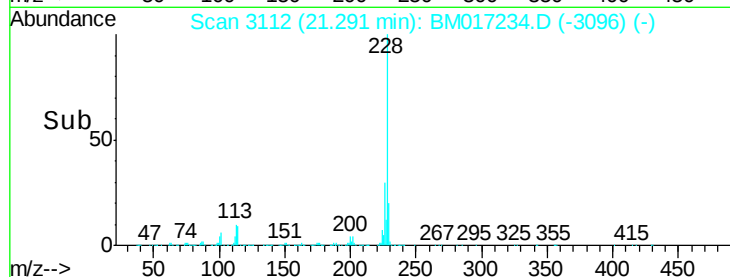
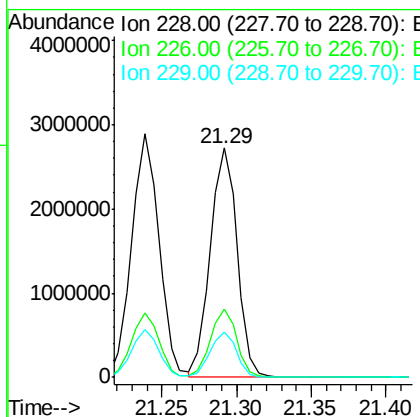
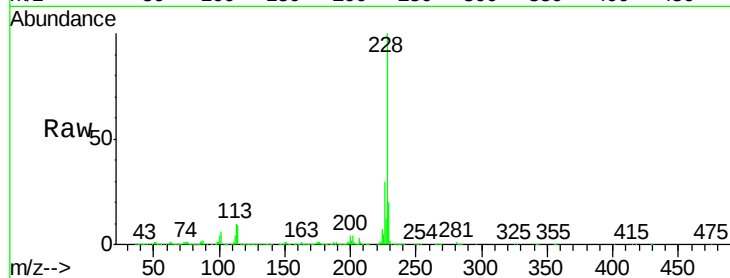
#83
 Chrysene
 Concen: 42.770 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Instrument :
 BNA_M
 ClientSampleId :
 PB113993BS

Tgt Ion: 228 Resp: 3407528
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.3 34.9
 229 19.9 15.6 23.4

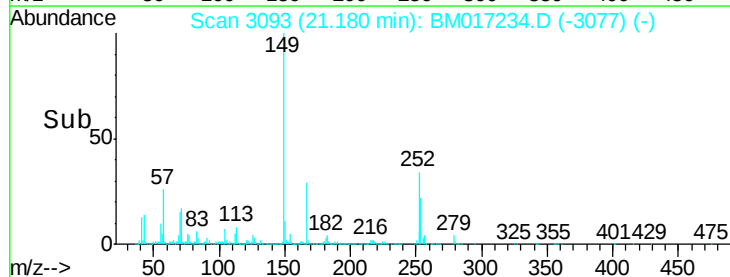
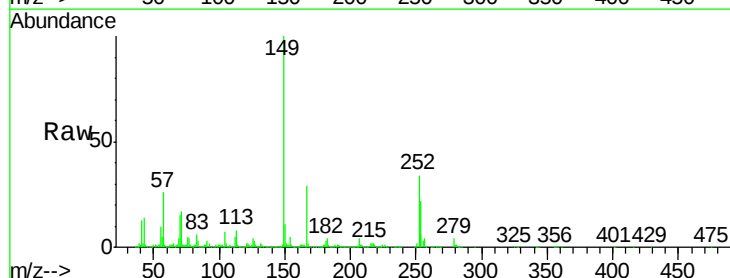
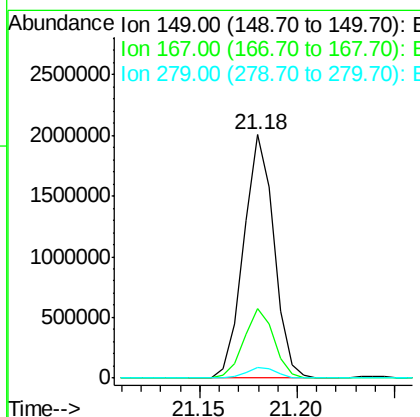
Manual Integrations
 APPROVED

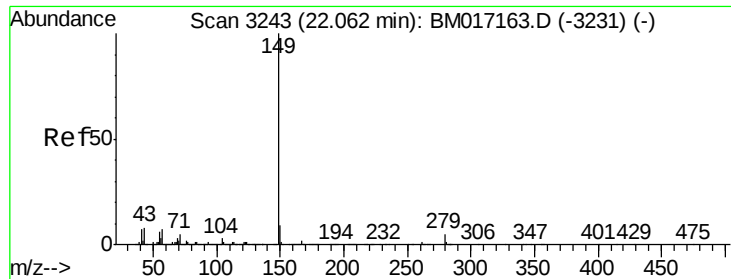
Sohil
 10/22/2018 1:09:19 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.372 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM017234.D
 Acq: 19 Oct 2018 17:39

Tgt Ion: 149 Resp: 2148921
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.2 33.4
 279 4.4 3.6 5.4





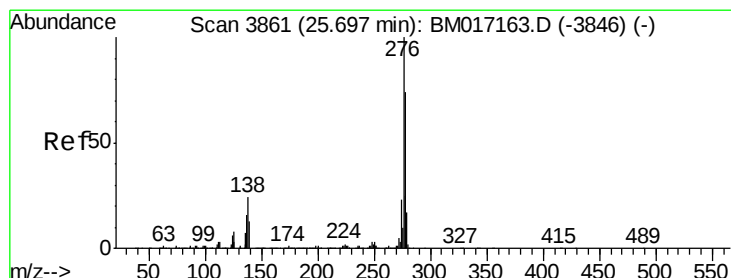
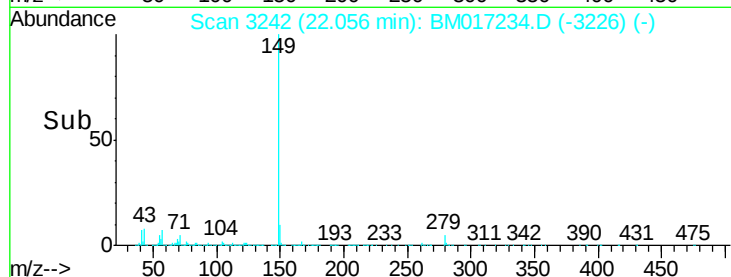
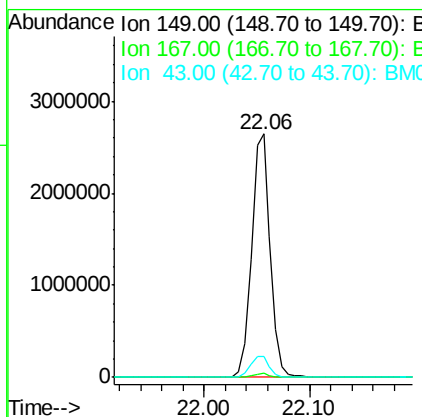
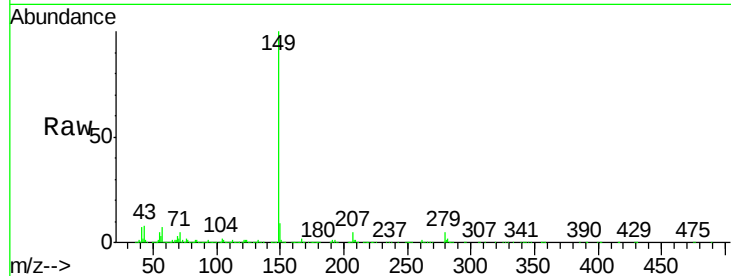
#85
Di-n-octyl phthalate
Concen: 41.759 ng
RT: 22.06 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Instrument :
BNA_M
ClientSampleId :
PB113993BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.9	7.2	10.8

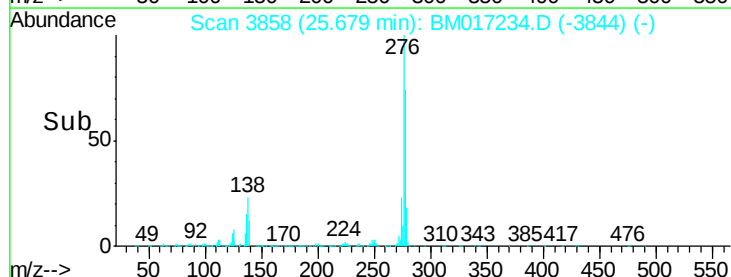
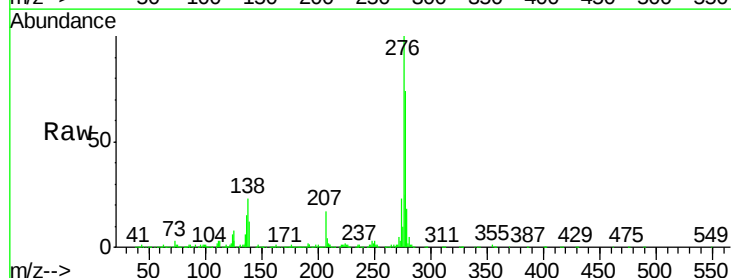
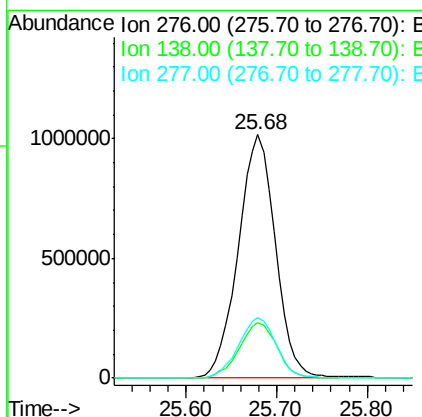
Manual Integrations
APPROVED

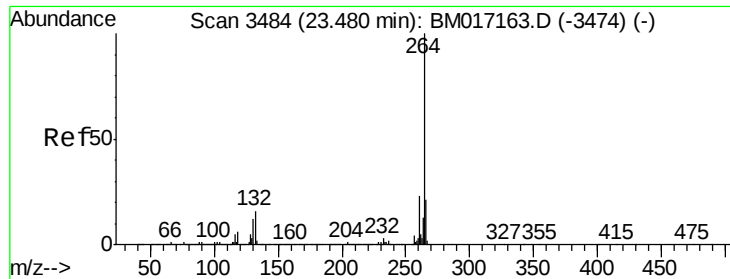
Sohil
10/22/2018 1:09:19 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.548 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.5	29.3
277	25.3	20.1	30.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

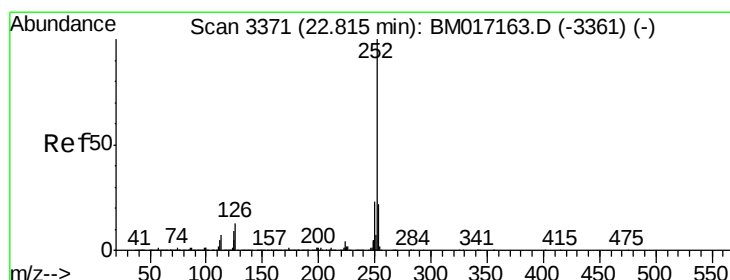
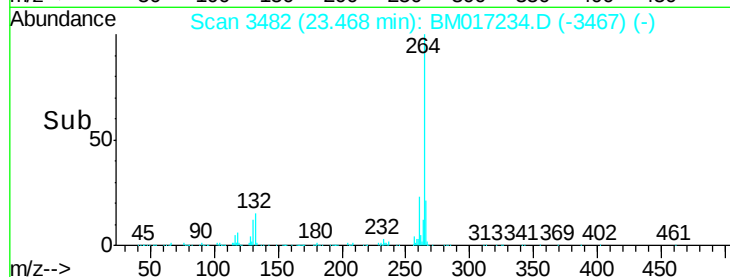
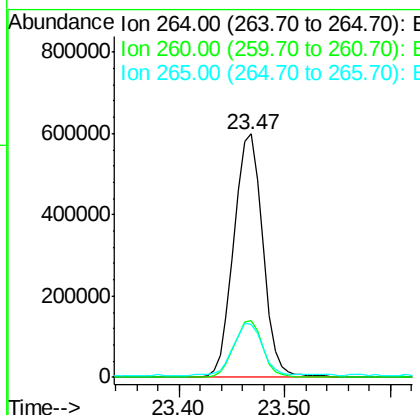
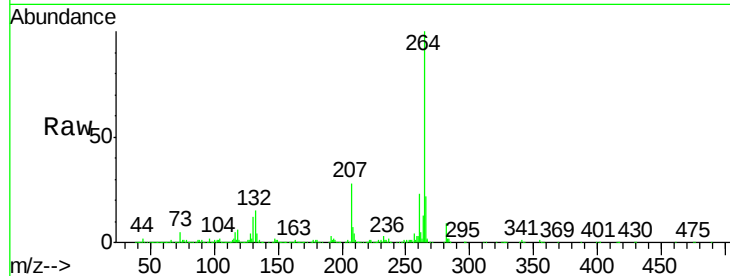
Instrument :
BNA_M
ClientSampleId :
PB113993BS

Tgt Ion: 264 Resp: 1143648

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.7	17.8	26.8

Manual Integrations
APPROVED

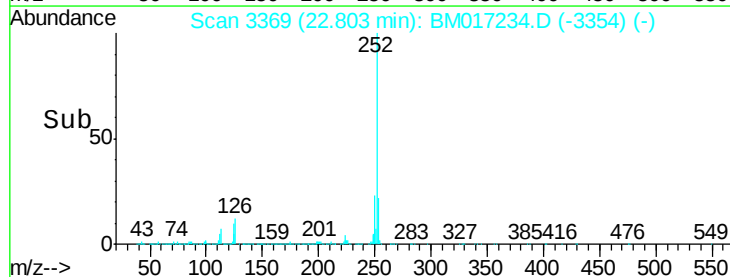
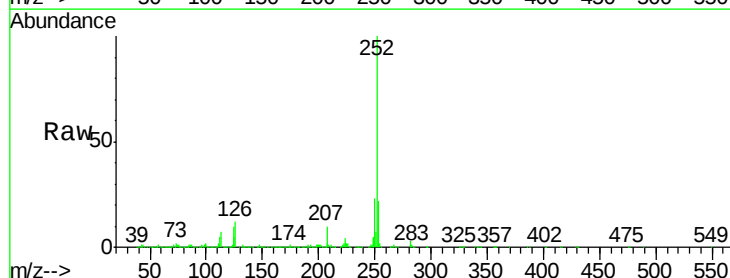
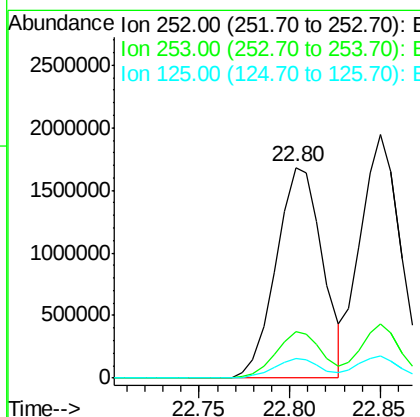
Sohil
10/22/2018 1:09:19 PM

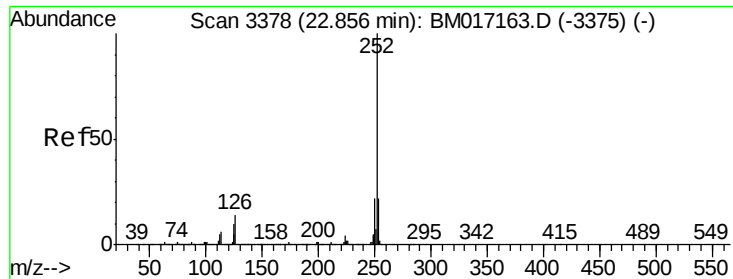


#88
Benzo(b)fluoranthene
Concen: 48.097 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017234.D
Acq: 19 Oct 2018 17:39

Tgt Ion: 252 Resp: 3007348

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.6	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 47.343 ng

RT: 22.85 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

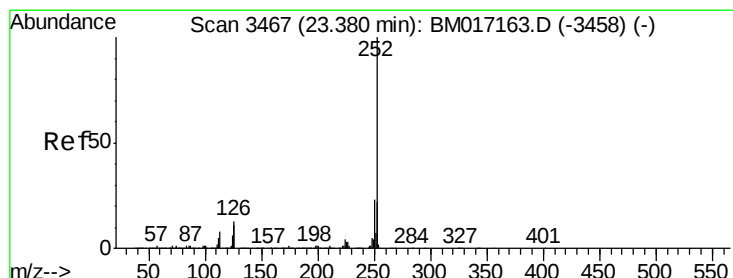
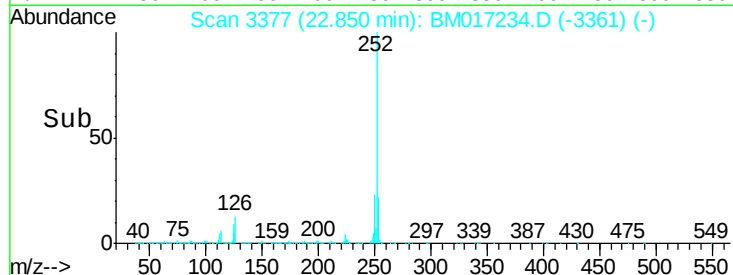
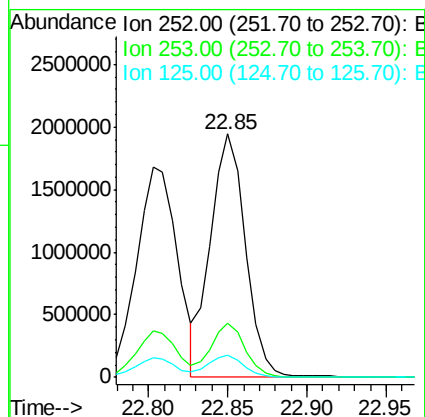
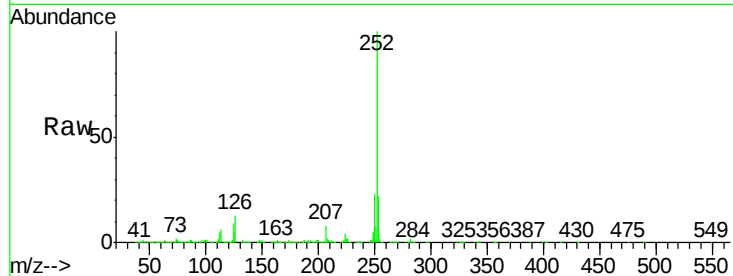
ClientSampleId :

PB113993BS

Tgt Ion:	252	Resp:	2970402
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	9.1	8.2	12.2

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM



#90

Benzo(a)pyrene

Concen: 46.442 ng

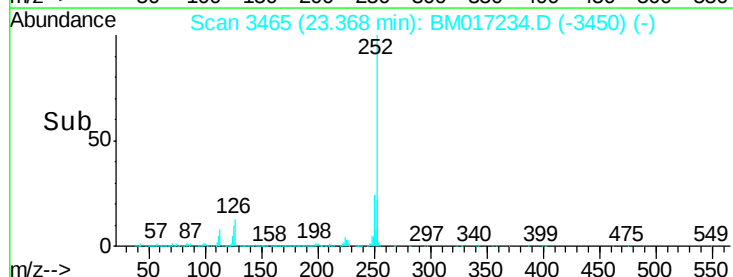
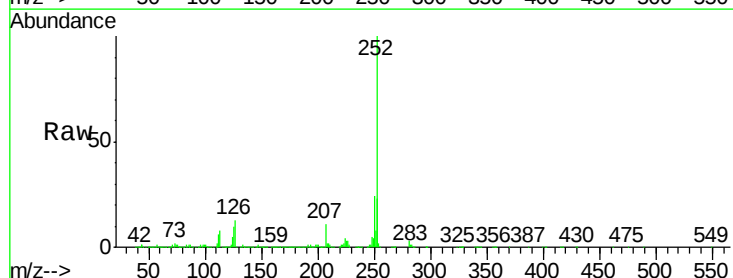
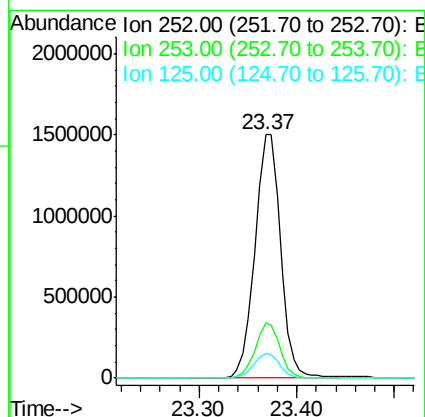
RT: 23.37 min Scan# 3465

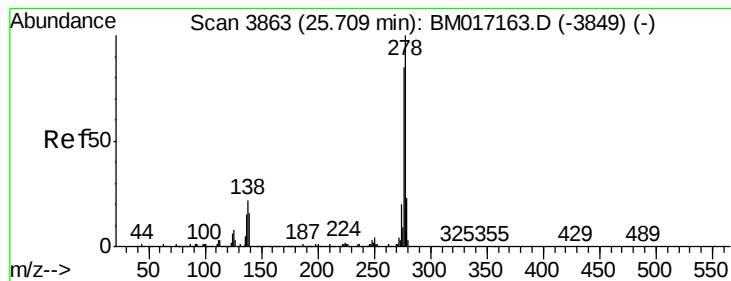
Delta R.T. -0.01 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Tgt Ion:	252	Resp:	2757180
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	10.3	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 41.529 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

Instrument :

BNA_M

ClientSampleId :

PB113993BS

Tgt Ion:278 Resp: 2448115

Ion Ratio Lower Upper

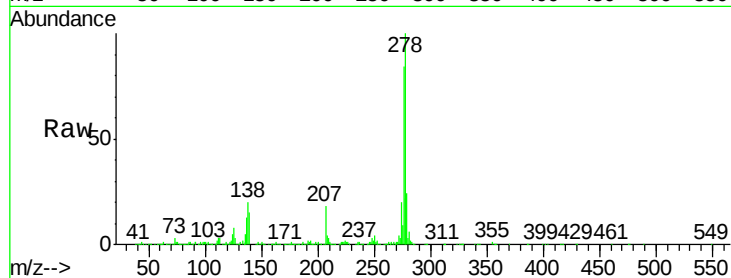
278 100

139 15.2 12.7 19.1

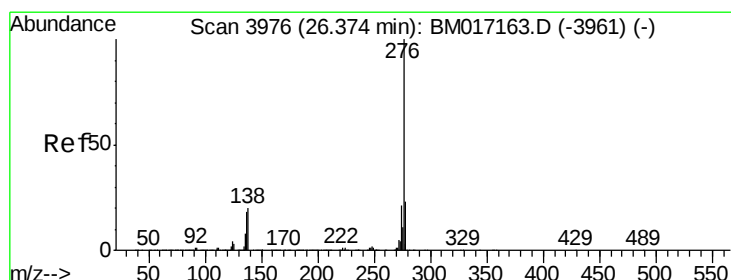
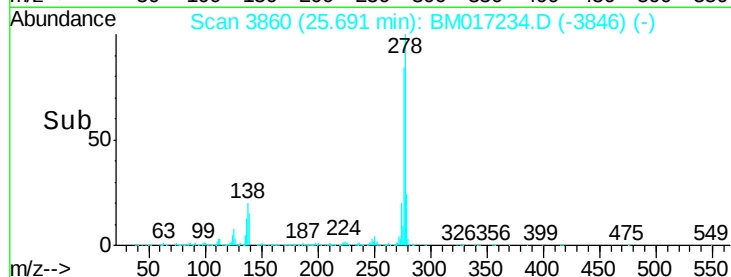
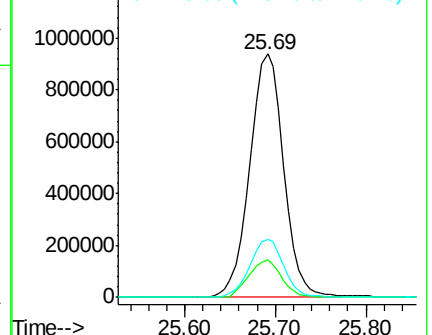
279 23.8 18.7 28.1

Manual Integrations
APPROVED

Sohil
10/22/2018 1:09:19 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.874 ng

RT: 26.36 min Scan# 3973

Delta R.T. -0.02 min

Lab File: BM017234.D

Acq: 19 Oct 2018 17:39

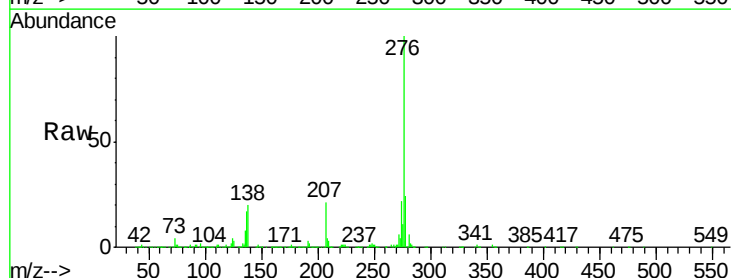
Tgt Ion:276 Resp: 2388118

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 19.5 16.4 24.6



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

