

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017360.D
 Acq On : 26 Oct 2018 22:22
 Operator : MJ/SJ
 Sample : J5651-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

Manual Integrations
 APPROVED

Sohil
 10/29/2018 2:15:07 PM

Quant Time: Oct 27 02:54:20 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	7.65	152	297286	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1361259	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	872050	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	2116636	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	2525326	20.00	ng	-0.02
87) Perylene-d12	23.45	264	2482807	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1980445	112.67	ng	-0.01
7) Phenol-d6	6.85	99	2579495	107.75	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1872296	80.44	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1527572	129.53	ng	-0.02
45) 2-Fluorobiphenyl	12.91	172	4719961	72.02	ng	-0.02
79) Terphenyl-d14	19.69	244	8218547	73.36	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	238177	26.536	ng	# 79
3) Pyridine	3.65	79	703092	34.045	ng	# 87
4) n-Nitrosodimethylamine	3.56	42	360915	43.533	ng	# 72
6) Aniline	7.00	93	327839	10.949	ng	98
8) 2-Chlorophenol	7.23	128	1021428	50.231	ng	97
9) Benzaldehyde	6.81	77	472045	30.926	ng	96
10) Phenol	6.87	94	1100076	42.698	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	899324	43.788	ng	98
12) 1,3-Dichlorobenzene	7.54	146	953777	40.236	ng	97
13) 1,4-Dichlorobenzene	7.69	146	982837	40.582	ng	97
14) 1,2-Dichlorobenzene	8.00	146	965628	41.383	ng	97
15) Benzyl Alcohol	7.90	79	947579	54.153	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.18	45	1236370	43.089	ng	99
17) 2-Methylphenol	8.10	107	873042	52.793	ng	98
18) Hexachloroethane	8.72	117	351484	42.408	ng	98
19) n-Nitroso-di-n-propylamine	8.46	70	798255	50.642	ng	96
20) 3+4-Methylphenols	8.43	107	1196114	52.883	ng	98
22) Acetophenone	8.47	105	1545404	44.786	ng	# 98
24) Nitrobenzene	8.85	77	1181248	47.980	ng	96
25) Isophorone	9.37	82	2221712	57.806	ng	99
26) 2-Nitrophenol	9.55	139	578305	49.930	ng	97
27) 2,4-Dimethylphenol	9.62	122	1035982	60.959	ng	100
28) bis(2-Chloroethoxy)methane	9.86	93	1357522	50.183	ng	99
29) 2,4-Dichlorophenol	10.09	162	1077677	54.616	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	1010336	42.683	ng	98
31) Naphthalene	10.48	128	3171757	47.546	ng	100
32) Benzoic acid	9.79	122	668465	52.716	ng	93
33) 4-Chloroaniline	10.60	127	96135	3.337	ng	97
34) Hexachlorobutadiene	10.76	225	598864	39.929	ng	98
35) Caprolactam	11.41	113	284250m	39.528	ng	
36) 4-Chloro-3-methylphenol	11.73	107	1229748	55.289	ng	97
37) 2-Methylnaphthalene	12.10	142	2515992	55.115	ng	99
38) 1-Methylnaphthalene	12.32	142	2416517	54.389	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	1277162	41.587	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102618\
 Data File : BM017360.D
 Acq On : 26 Oct 2018 22:22
 Operator : MJ/SJ
 Sample : J5651-03MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

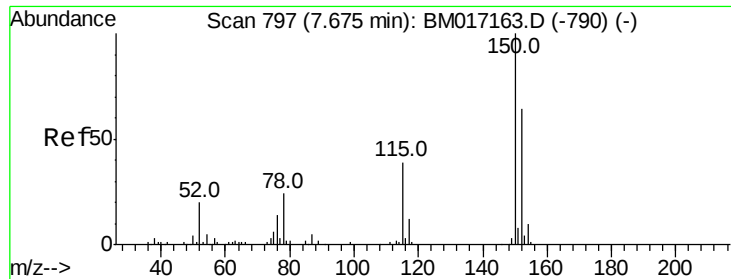
Manual Integrations
 APPROVED

Sohil
 10/29/2018 2:15:07 PM

Quant Time: Oct 27 02:54:20 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	12.45	237	1420053	95.649	nq	99
43) 2,4,6-Trichlorophenol	12.72	196	938841	52.662	nq	99
44) 2,4,5-Trichlorophenol	12.79	196	1018615	53.283	nq	99
46) 1,1'-Biphenyl	13.12	154	3280835	41.807	nq	99
47) 2-Chloronaphthalene	13.16	162	2559827	44.340	nq	99
48) 2-Nitroaniline	13.38	65	784317	48.077	nq	98
49) Acenaphthylene	14.02	152	4318400	51.605	nq	100
50) Dimethylphthalate	13.77	163	3380192	50.241	nq	99
51) 2,6-Dinitrotoluene	13.89	165	774532	52.306	nq	98
52) Acenaphthene	14.36	154	2525840	48.073	nq	97
53) 3-Nitroaniline	14.22	138	158303	9.871	nq	94
54) 2,4-Dinitrophenol	14.43	184	825202	93.450	nq	99
55) Dibenzofuran	14.70	168	4084458	46.746	nq	99
56) 4-Nitrophenol	14.54	139	1783994	119.574	nq	97
57) 2,4-Dinitrotoluene	14.68	165	1120800	56.315	nq	# 98
58) Fluorene	15.35	166	3369748	52.104	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.93	232	979120	56.188	nq	99
60) Diethylphthalate	15.14	149	3506989	52.561	nq	100
61) 4-Chlorophenyl-phenylether	15.35	204	1687533	45.770	nq	99
62) 4-Nitroaniline	15.39	138	748096	42.412	nq	99
63) Azobenzene	15.64	77	3262334	50.304	nq	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	634533	46.876	nq	97
66) n-Nitrosodiphenylamine	15.57	169	3046684	47.576	nq	100
67) 4-Bromophenyl-phenylether	16.24	248	1126464	48.469	nq	97
68) Hexachlorobenzene	16.35	284	1213518	44.951	nq	98
69) Atrazine	16.53	200	1164648	50.814	nq	98
70) Pentachlorophenol	16.70	266	1575893	85.213	nq	99
71) Phenanthrene	17.09	178	5573825	48.808	nq	100
72) Anthracene	17.19	178	5698255	52.514	nq	100
73) Carbazole	17.46	167	5352887	48.292	nq	100
74) Di-n-butylphthalate	18.03	149	6263961	53.580	nq	99
75) Fluoranthene	19.12	202	6749929	52.527	nq	99
77) Benzidine	19.31	184	1796816	28.061	nq	98
78) Pyrene	19.48	202	6872052	48.689	nq	99
80) Butylbenzylphthalate	20.39	149	3115615	56.513	nq	97
81) Benzo(a)anthracene	21.23	228	7138319	50.231	nq	99
82) 3,3'-Dichlorobenzidine	21.17	252	883932	16.689	nq	99
83) Chrysene	21.29	228	6741768	47.929	nq	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	4459821	53.579	nq	99
85) Di-n-octyl phthalate	22.04	149	7827932	55.274	nq	100
86) Indeno(1,2,3-cd)pyrene	25.67	276	6717288	42.696	nq	100
88) Benzo(b)fluoranthene	22.80	252	7241524	53.347	nq	99
89) Benzo(k)fluoranthene	22.84	252	6753396	49.581	nq	100
90) Benzo(a)pyrene	23.36	252	6641016	51.527	nq	99
91) Dibenzo(a,h)anthracene	25.69	278	5759988	45.008	nq	99
92) Benzo(g,h,i)perylene	26.34	276	5281440	41.638	nq	99

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



#1

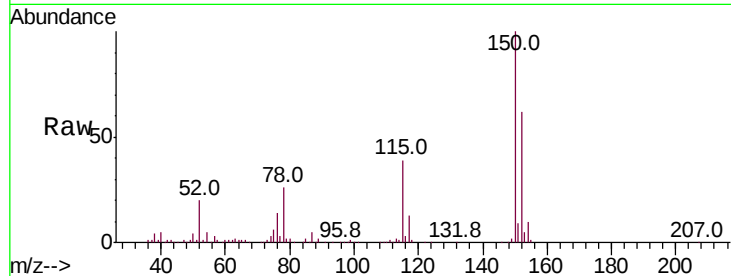
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	124.3	186.5
115	62.1	48.1	72.1

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 PM

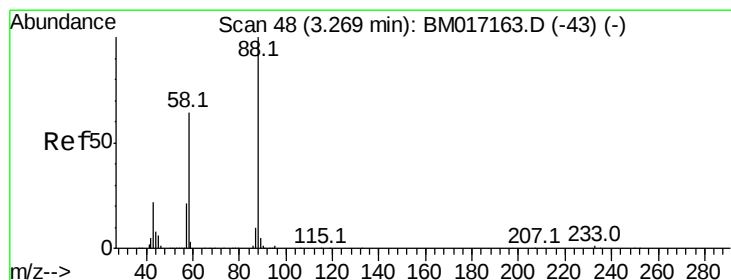
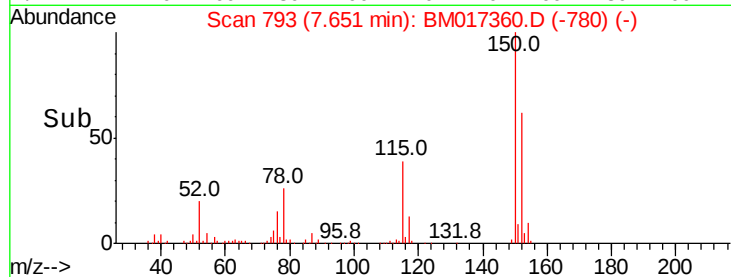
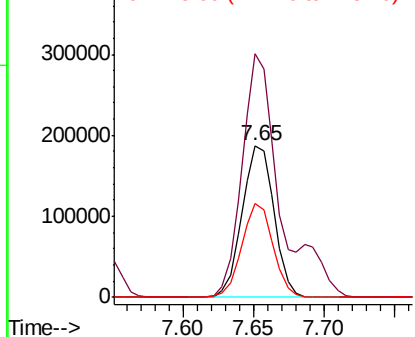


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

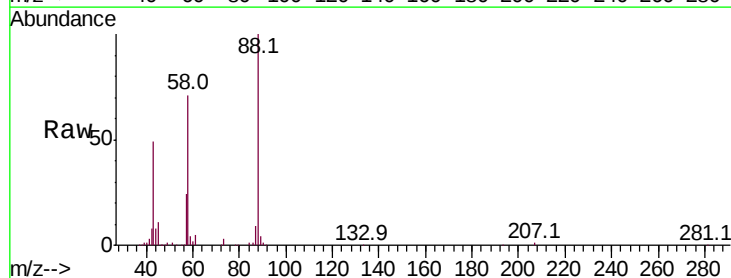
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.536 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.1	50.2	75.4
43	46.7	19.3	28.9

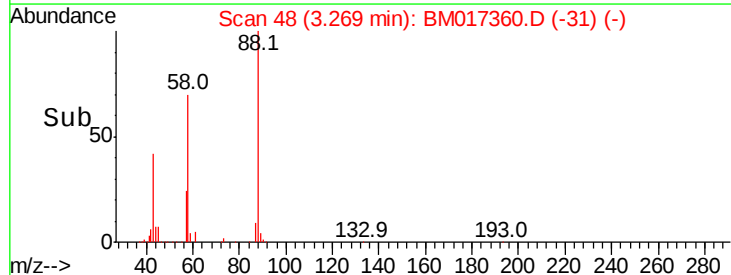
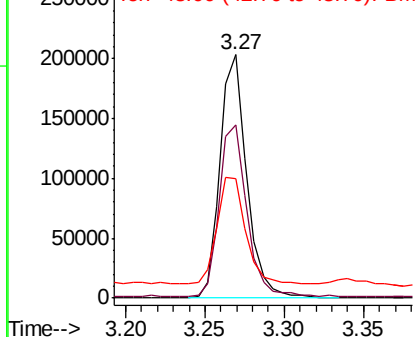


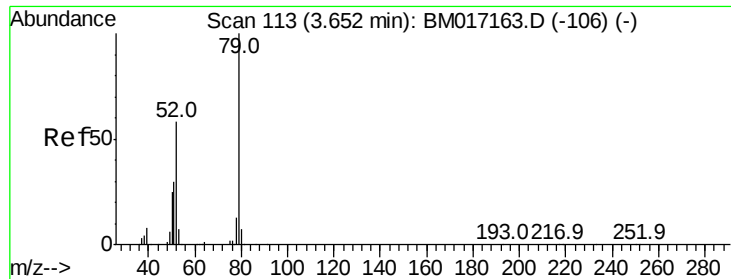
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 34.045 ng

RT: 3.65 min Scan# 113

Delta R.T. -0.00 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

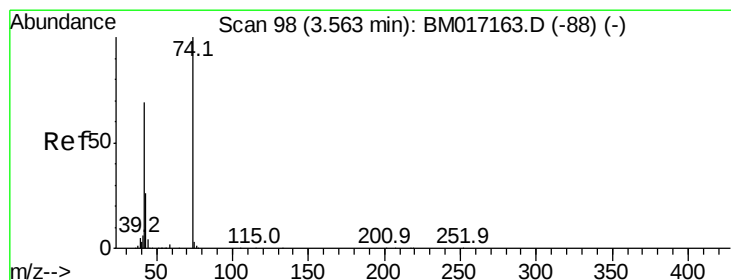
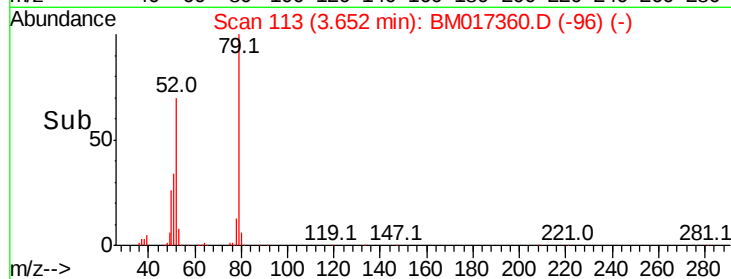
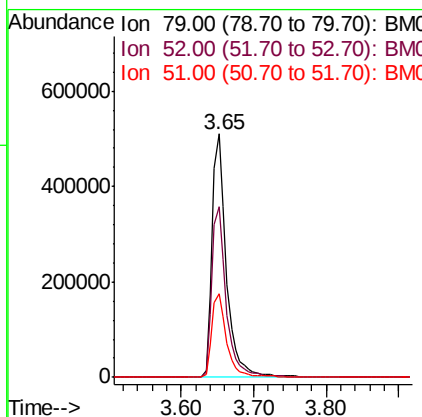
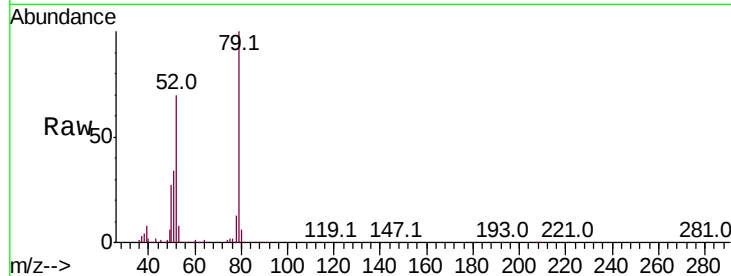
ClientSampleId :

RBR-200030MS

Tot Ion:	79	Resp:	703092
Ion Ratio	Lower	Upper	
79	100		
52	70.3	46.5	69.7#
51	34.2	24.6	37.0

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 PM



#4

n-Nitrosodimethylamine

Concen: 43.533 ng

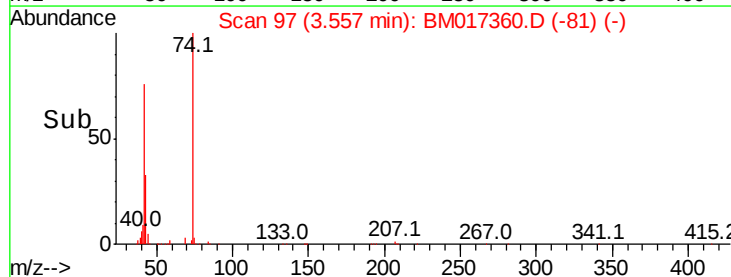
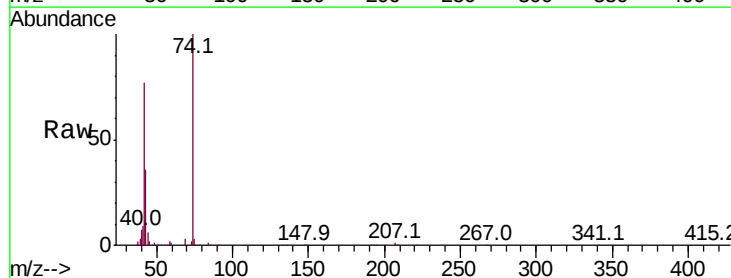
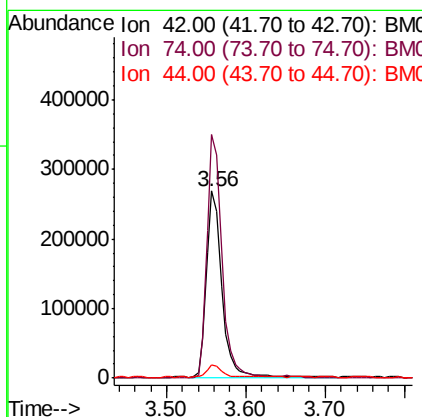
RT: 3.56 min Scan# 97

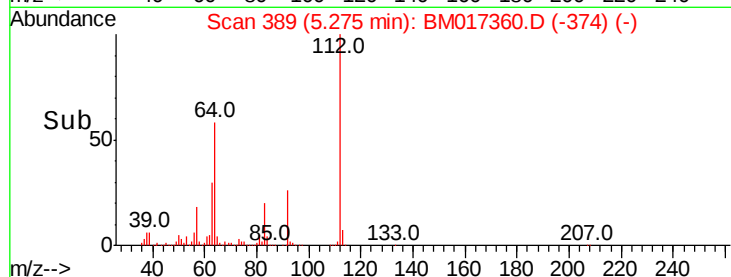
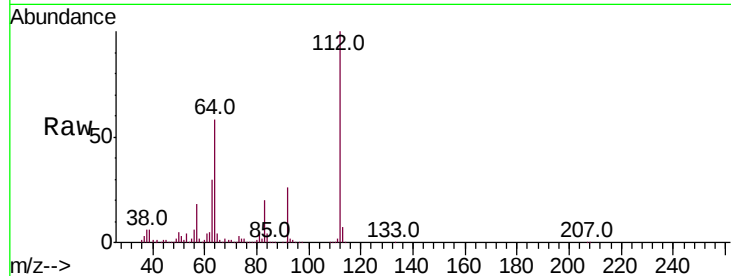
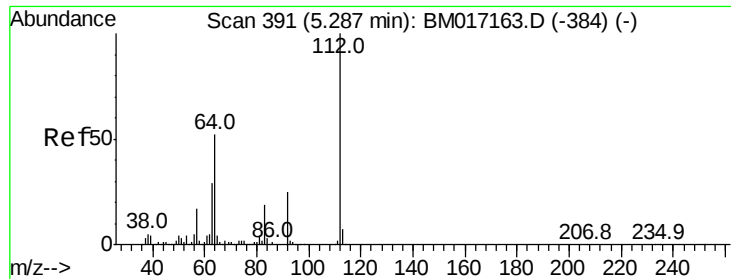
Delta R.T. -0.01 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Tgt Ion:	42	Resp:	360915
Ion Ratio	Lower	Upper	
42	100		
74	130.3	114.4	171.6
44	7.2	48.6	73.0#





#5

2-Fluorophenol

Concen: 112.672 ng

RT: 5.27 min Scan# 389

Delta R.T. -0.01 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Tot Ion:	112	Resp:	1980445
Ion	Ratio	Lower	Upper
112	100		
64	57.8	41.7	62.5
63	30.2	23.0	34.4

Instrument :

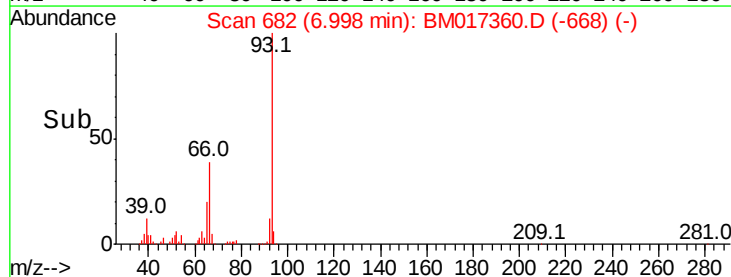
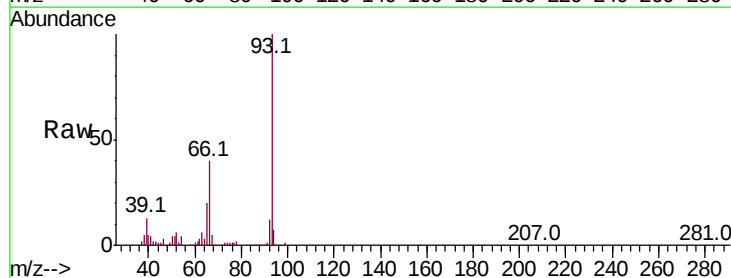
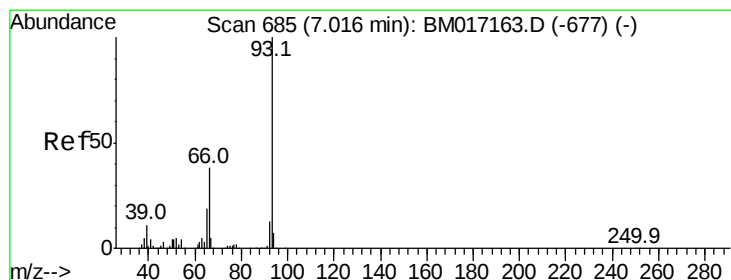
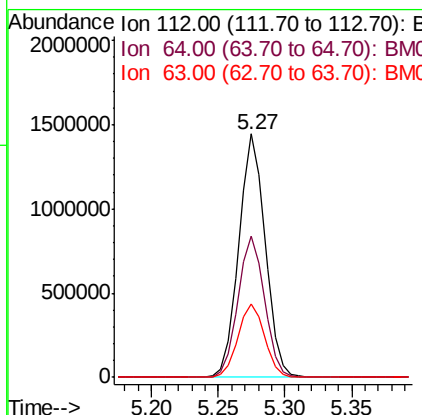
BNA_M

ClientSampleId :

RBR-200030MS

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 PM



#6

Aniline

Concen: 10.949 ng

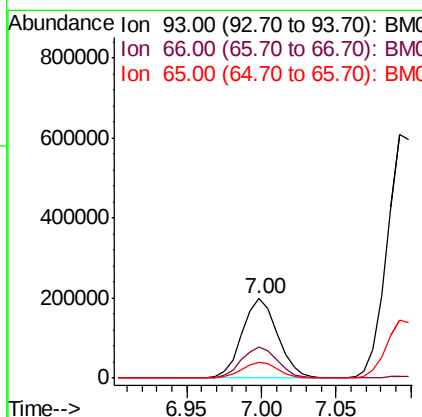
RT: 7.00 min Scan# 682

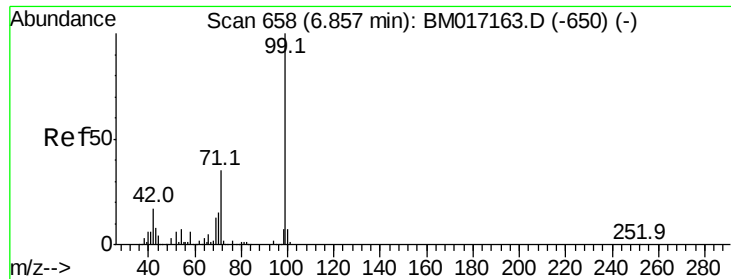
Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Tgt Ion:	93	Resp:	327839
Ion	Ratio	Lower	Upper
93	100		
66	39.6	30.4	45.6
65	20.0	15.3	22.9





#7

Phenol-d6

Concen: 107.753 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion: 99 Resp: 2579495

Ion Ratio Lower Upper

99 100

42 17.3 13.3 19.9

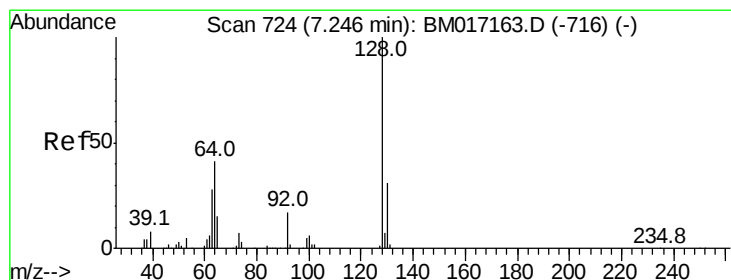
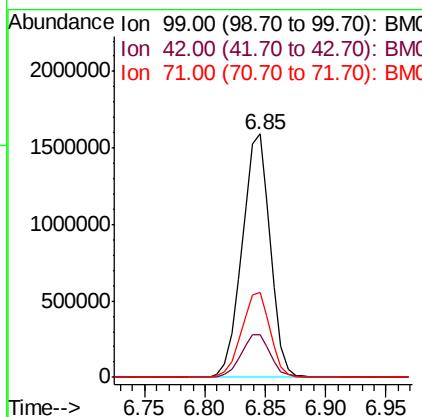
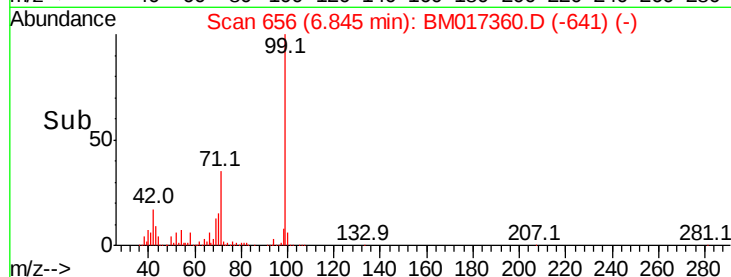
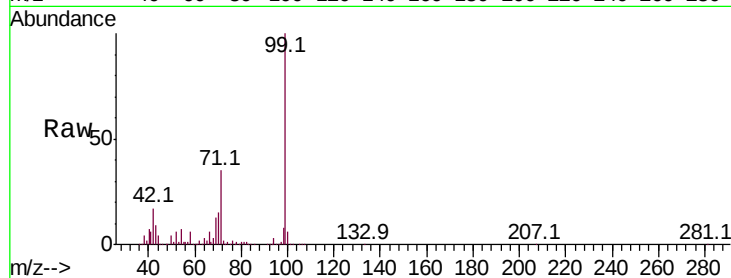
71 35.0 28.0 42.0

Manual Integrations

APPROVED

Sohil

10/29/2018 2:15:07 PM



#8

2-Chlorophenol

Concen: 50.231 ng

RT: 7.23 min Scan# 721

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

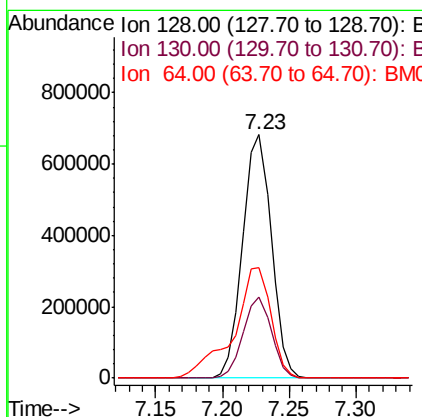
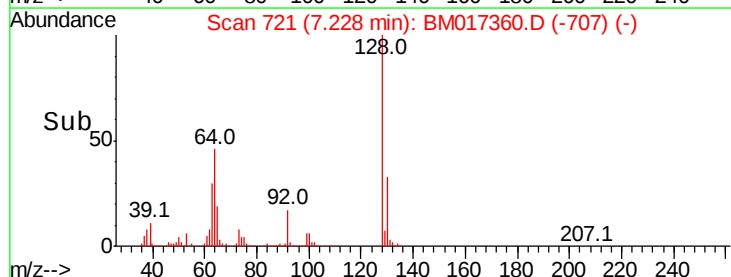
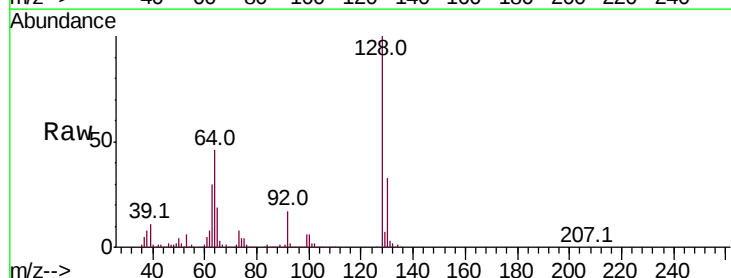
Tgt Ion:128 Resp: 1021428

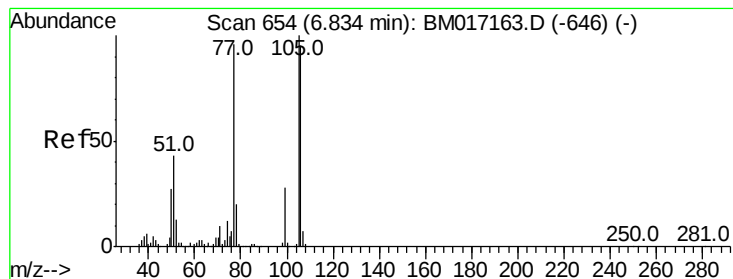
Ion Ratio Lower Upper

128 100

130 33.3 11.0 51.0

64 45.6 24.1 64.1





#9

Benzaldehyde

Concen: 30.926 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

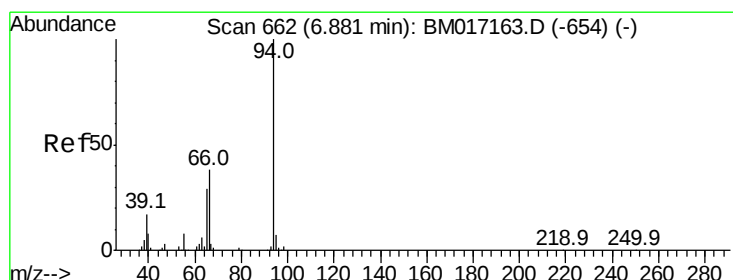
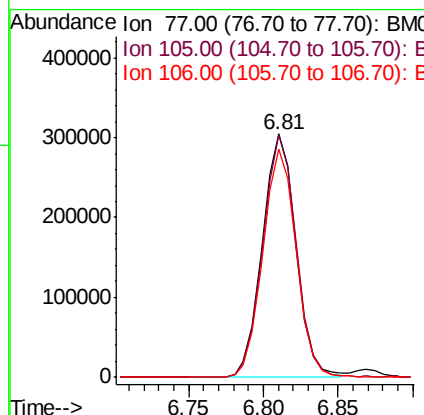
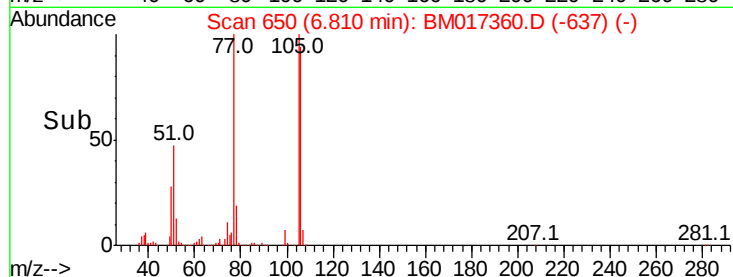
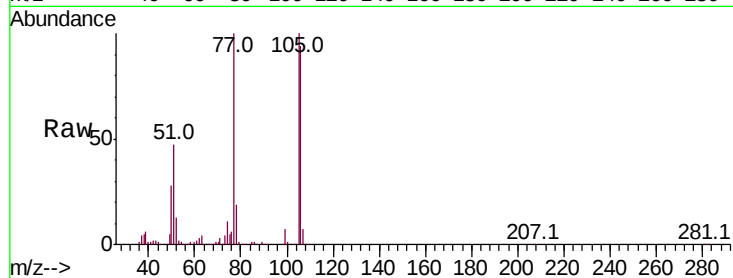
ClientSampleId :

RBR-200030MS

Tot Ion:	77	Resp:	472045
Ion Ratio	Lower	Upper	
77	100		
105	99.7	83.9	123.9
106	94.0	78.2	118.2

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 PM



#10

Phenol

Concen: 42.698 ng

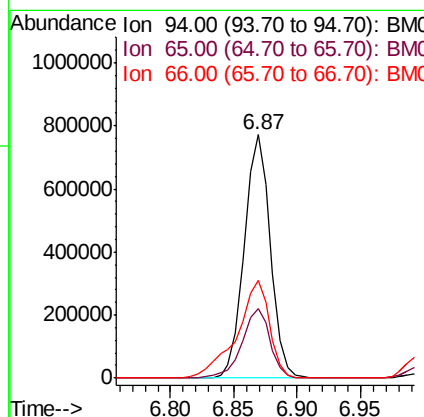
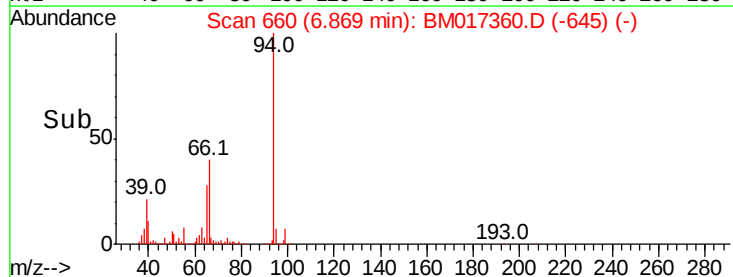
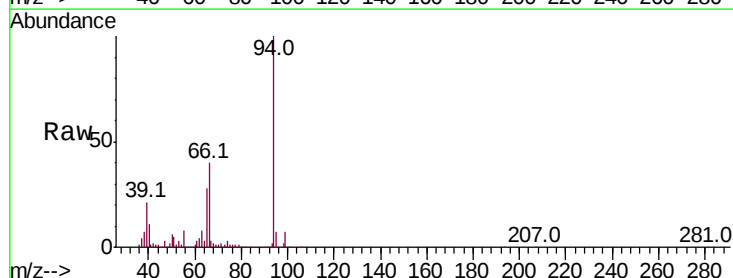
RT: 6.87 min Scan# 660

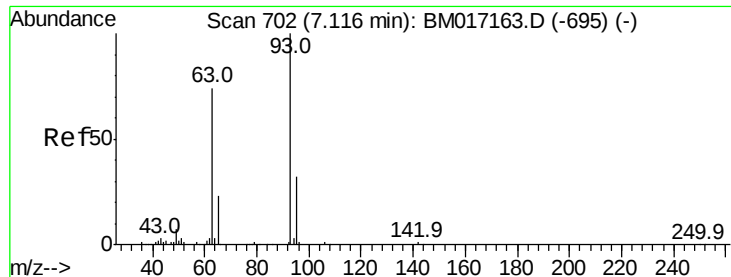
Delta R.T. -0.01 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Tgt Ion:	94	Resp:	1100076
Ion Ratio	Lower	Upper	
94	100		
65	28.4	9.4	49.4
66	39.9	19.0	59.0





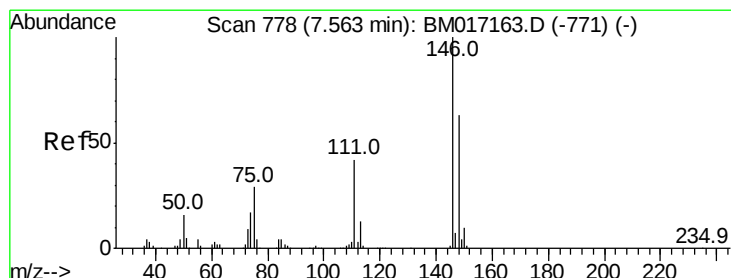
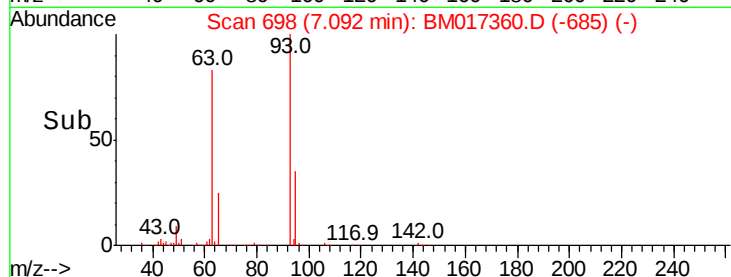
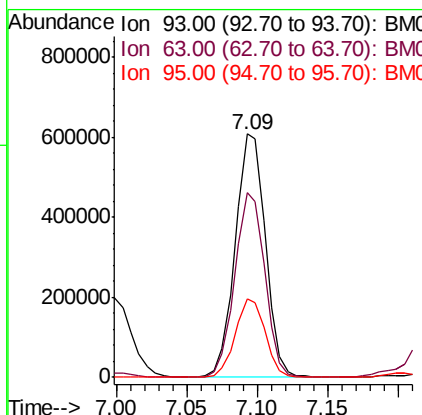
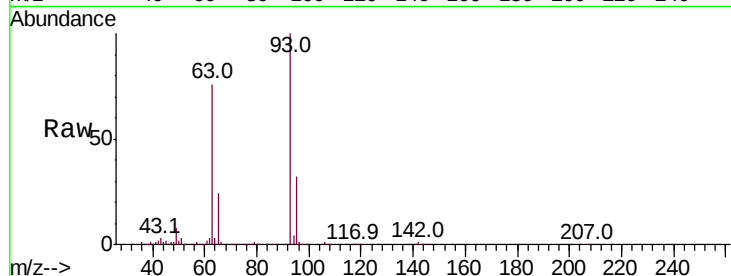
#11
bis(2-Chloroethyl)ether
Concen: 43.788 ng
RT: 7.09 min Scan# 698
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	54.0	94.0
95	32.1	11.8	51.8

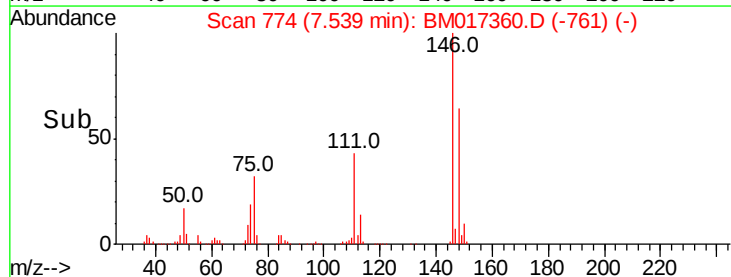
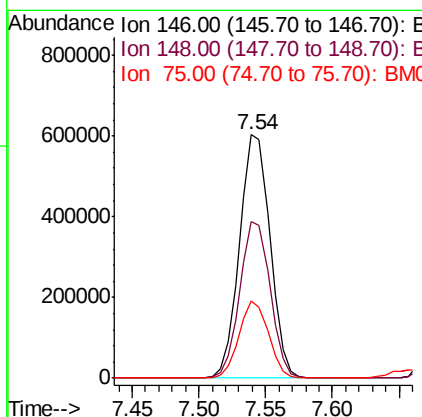
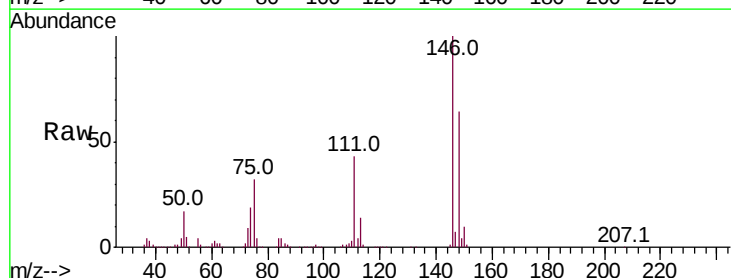
Manual Integrations
APPROVED

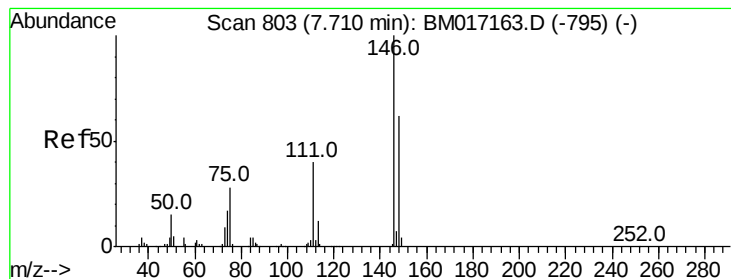
Sohil
10/29/2018 2:15:07 PM



#12
1,3-Dichlorobenzene
Concen: 40.236 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.2	75.4
75	31.8	23.3	34.9





#13

1,4-Dichlorobenzene

Concen: 40.582 ng

RT: 7.69 min Scan# 799

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

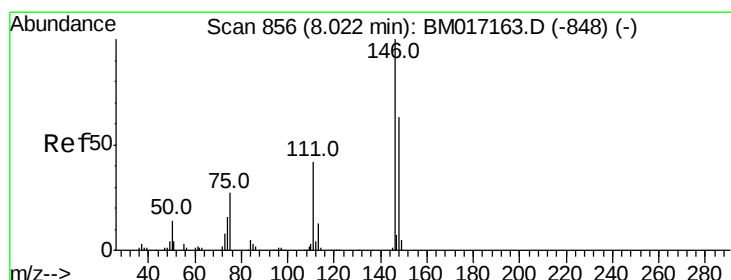
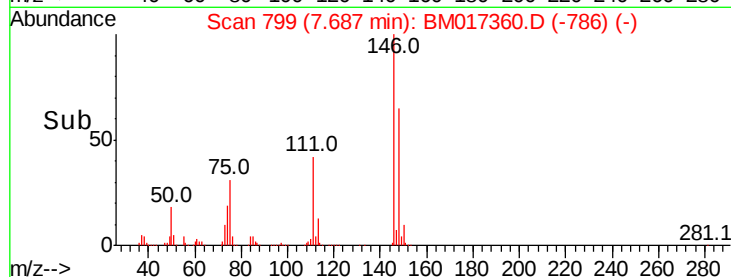
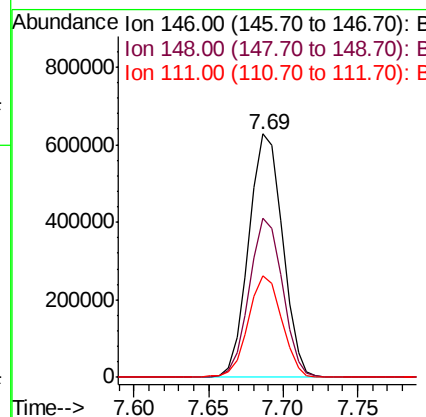
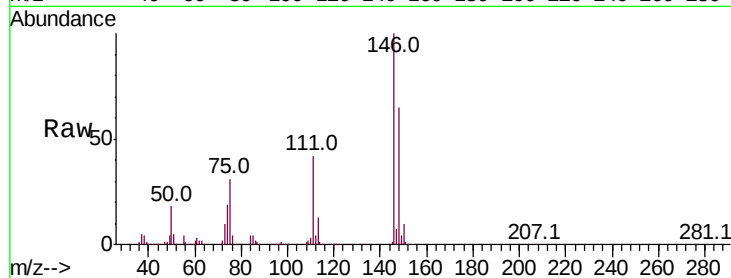
ClientSampleId :

RBR-200030MS

Tot Ion:	146	Resp:	982837
Ion Ratio	Lower	Upper	
146	100		
148	65.2	49.8	74.6
111	41.8	32.1	48.1

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 PM



#14

1,2-Dichlorobenzene

Concen: 41.383 ng

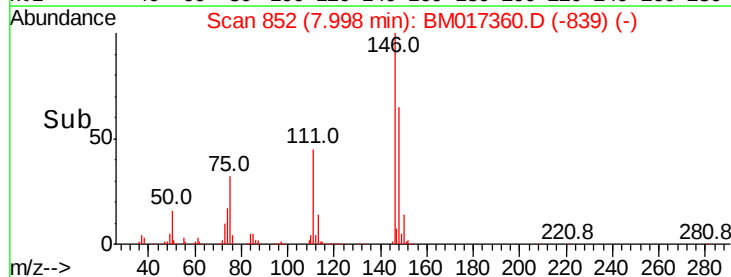
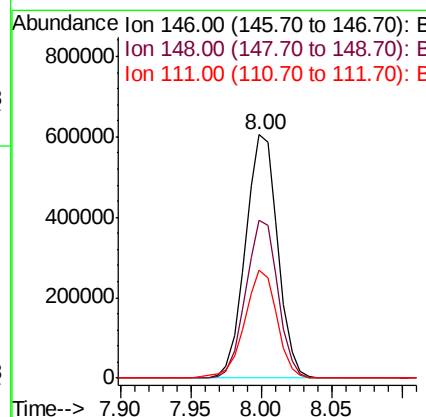
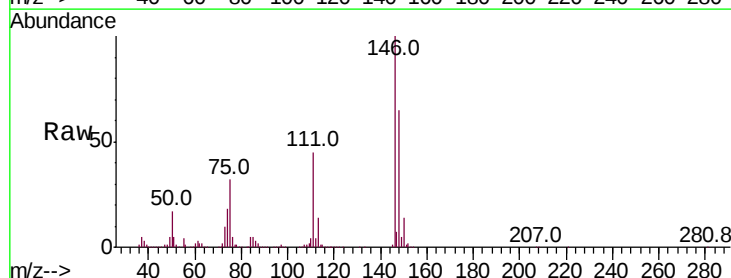
RT: 8.00 min Scan# 852

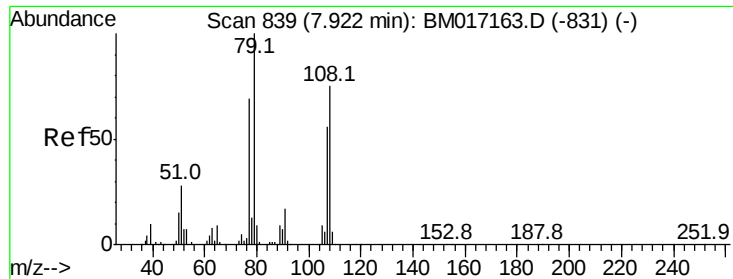
Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Tgt Ion:	146	Resp:	965628
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.8	76.2
111	44.5	33.8	50.6





#15

Benzyl Alcohol

Concen: 54.153 ng

RT: 7.90 min Scan# 836

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

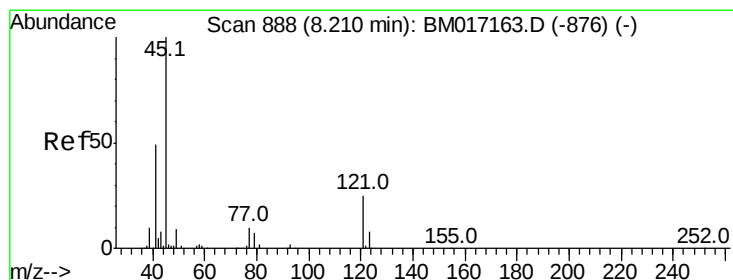
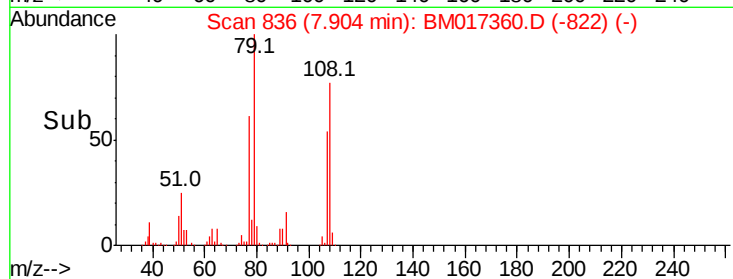
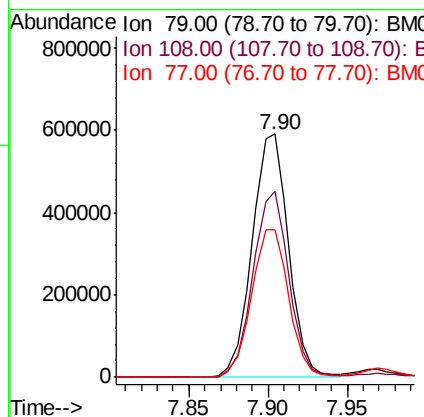
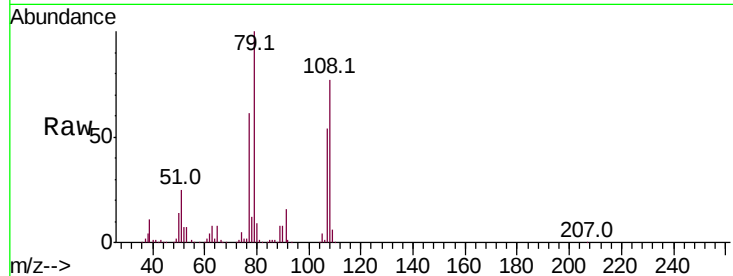
ClientSampleId :

RBR-200030MS

Tot Ion:	79	Resp:	947579
Ion Ratio	Lower	Upper	
79	100		
108	76.6	60.3	90.5
77	60.8	54.8	82.2

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.089 ng

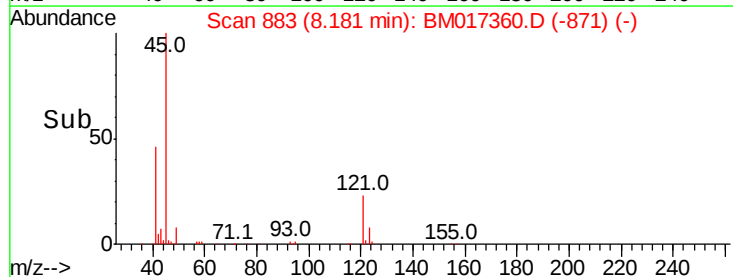
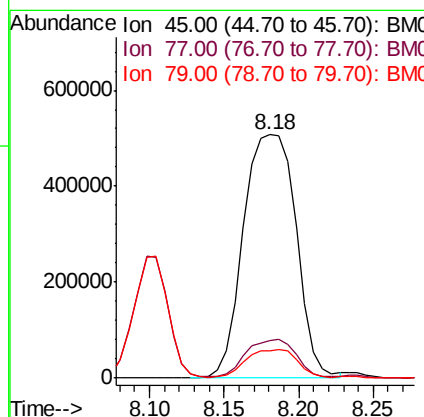
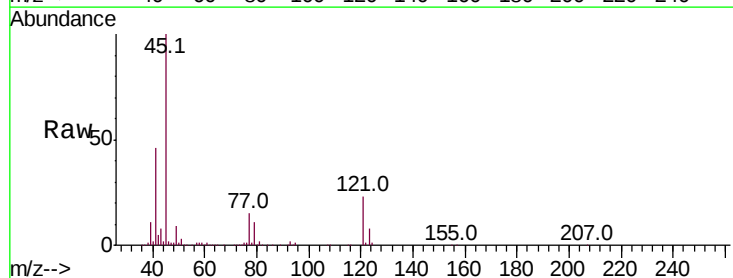
RT: 8.18 min Scan# 883

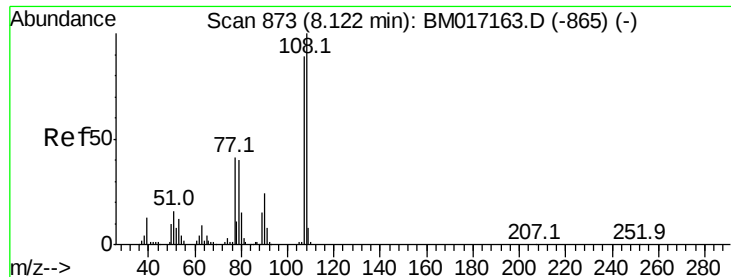
Delta R.T. -0.03 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Tgt Ion:	45	Resp:	1236370
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	35.5
79	11.3	0.0	32.1





#17

2-Methylphenol

Concen: 52.793 ng

RT: 8.10 min Scan# 870

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

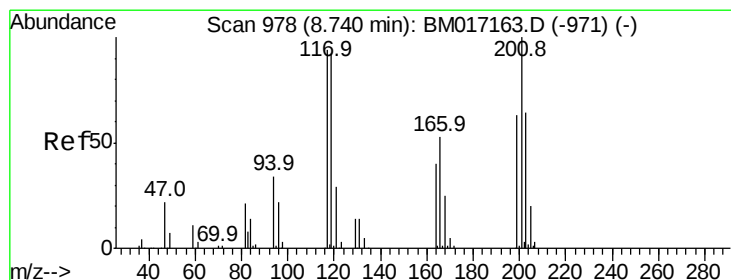
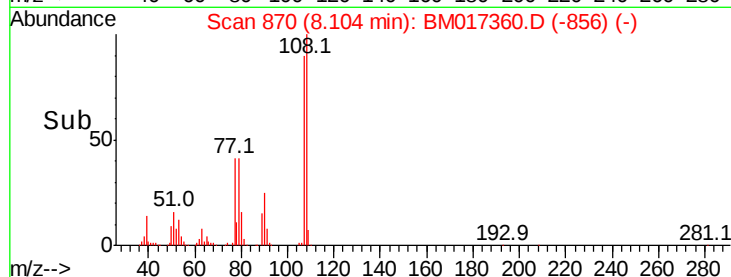
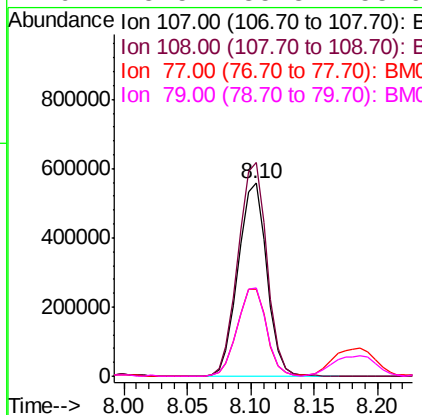
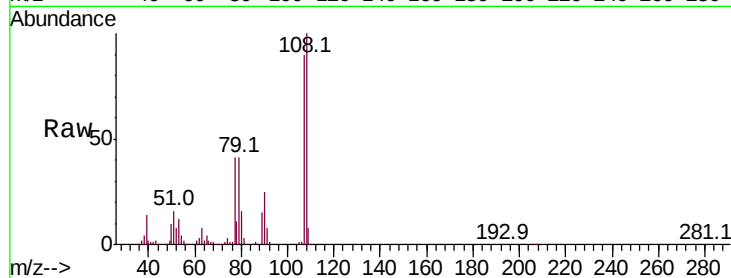
ClientSampleId :

RBR-200030MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	90.3	135.5	
77	45.1	37.0	55.4	
79	45.5	35.8	53.6	

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 PM



#18

Hexachloroethane

Concen: 42.408 ng

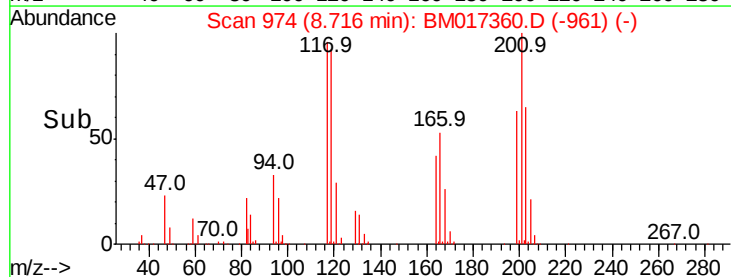
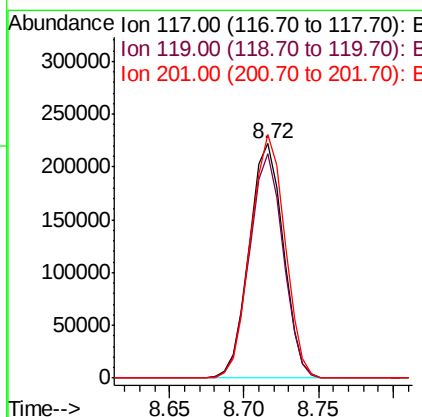
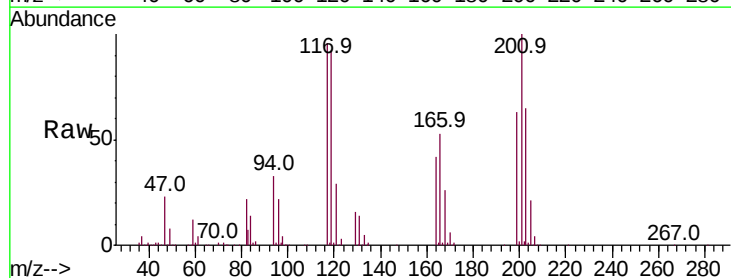
RT: 8.72 min Scan# 974

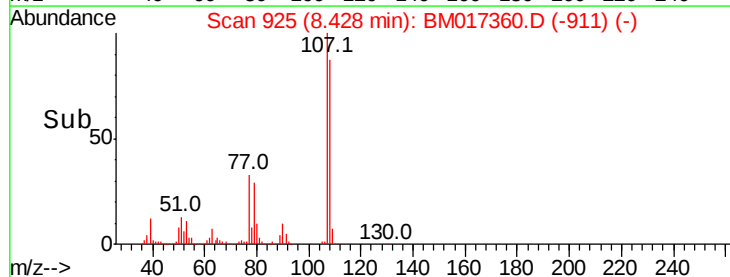
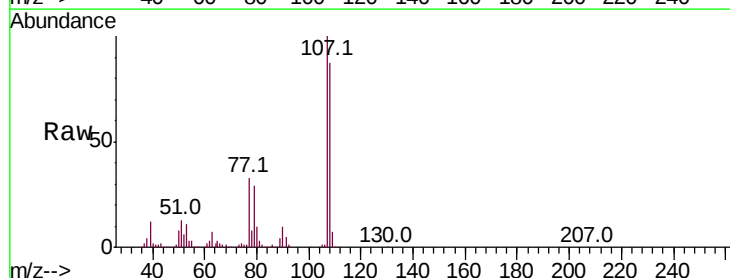
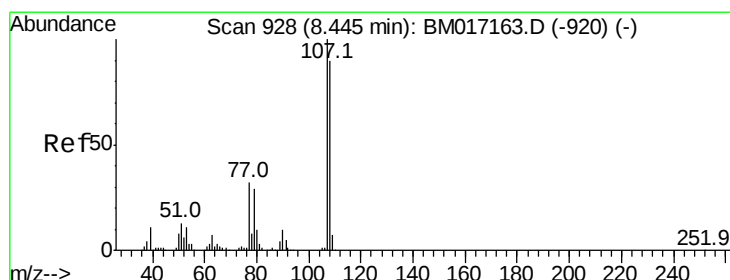
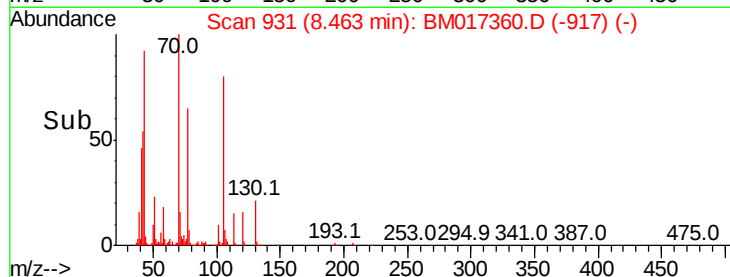
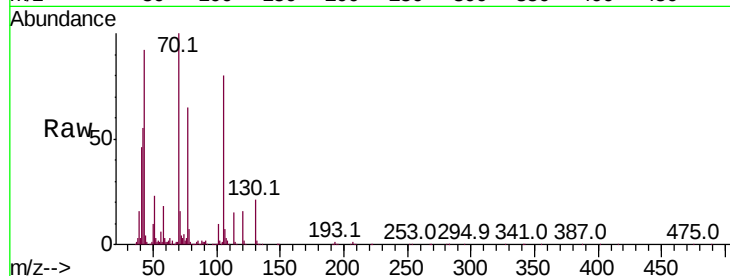
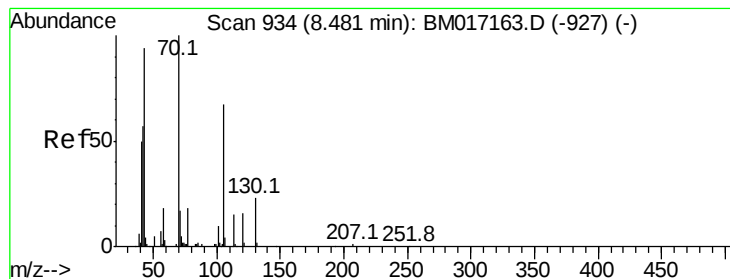
Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	78.2	117.2	
201	104.0	85.3	127.9	





#19

n-Nitroso-di-n-propylamine

Concen: 50.642 ng

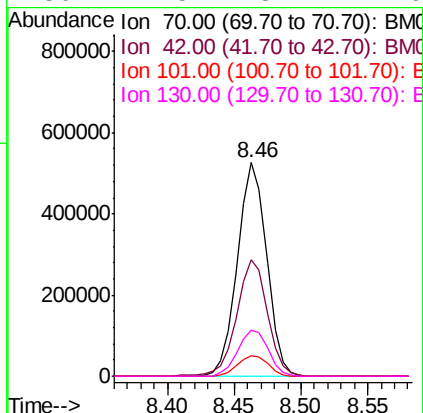
RT: 8.46 min Scan# 931

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.5	46.1	69.1
101	9.9	8.2	12.4
130	21.5	18.4	27.6



Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 PM

#20

3+4-Methylphenols

Concen: 52.883 ng

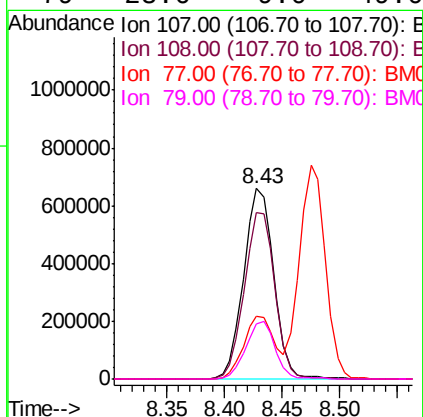
RT: 8.43 min Scan# 925

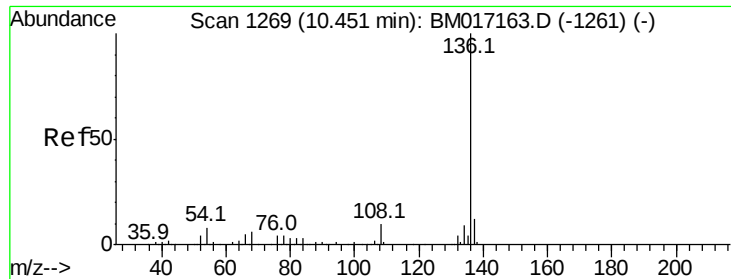
Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.2	69.9	109.9
77	33.1	12.2	52.2
79	28.6	9.0	49.0





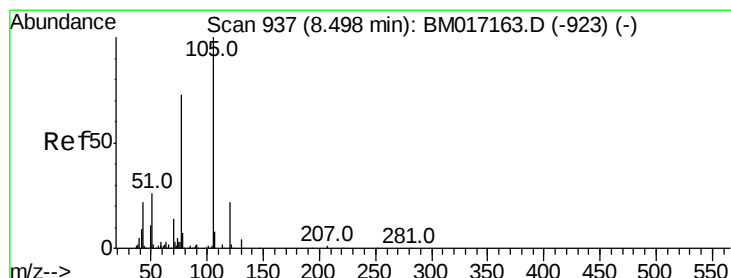
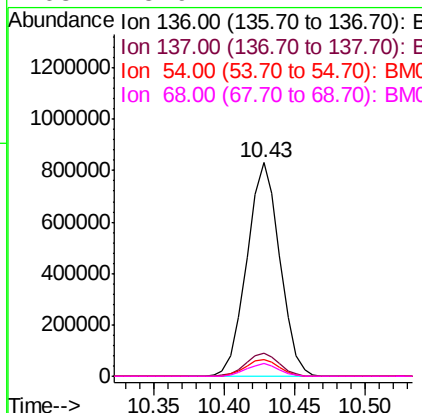
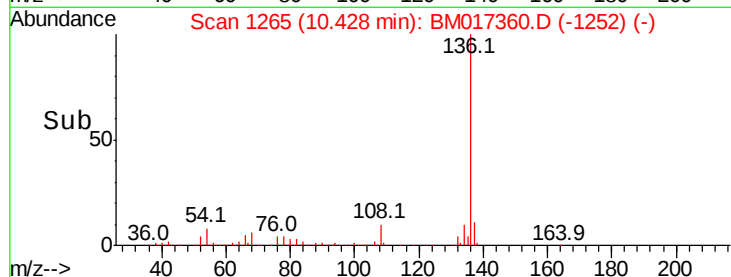
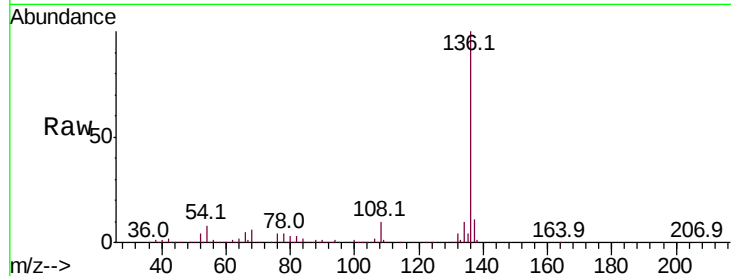
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.8	6.7	10.1
68	5.9	4.7	7.1

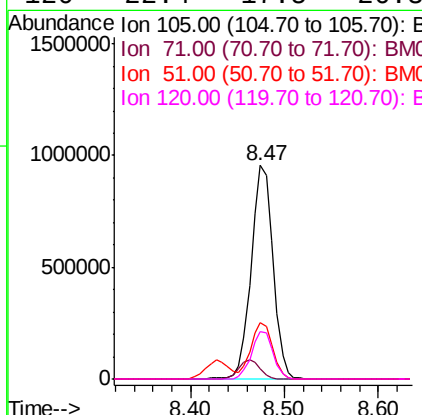
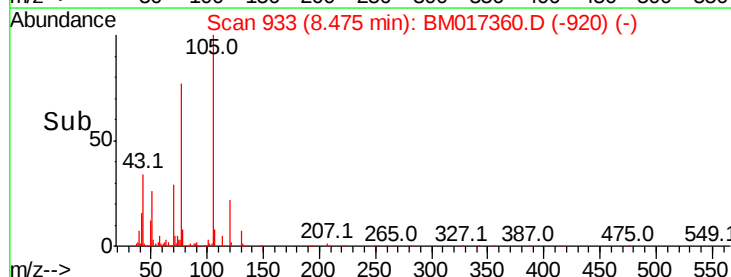
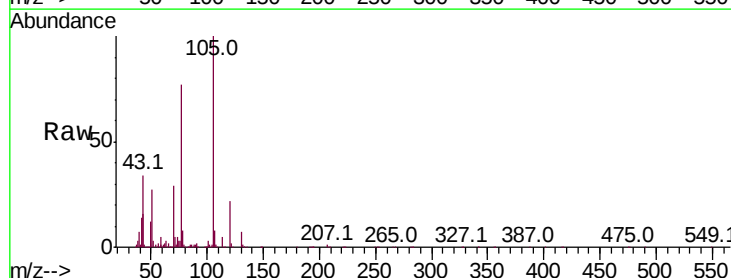
Manual Integrations
APPROVED

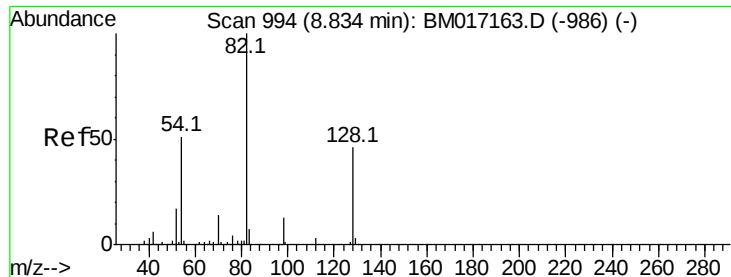
Sohil
10/29/2018 2:15:07 PM



#22
Acetophenone
Concen: 44.786 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.9	2.0	3.0#
51	26.5	20.6	31.0
120	22.4	17.5	26.3





#23

Nitrobenzene-d5

Concen: 80.442 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion: 82 Resp: 1872296

Ion Ratio Lower Upper

82 100

128 44.0 37.0 55.6

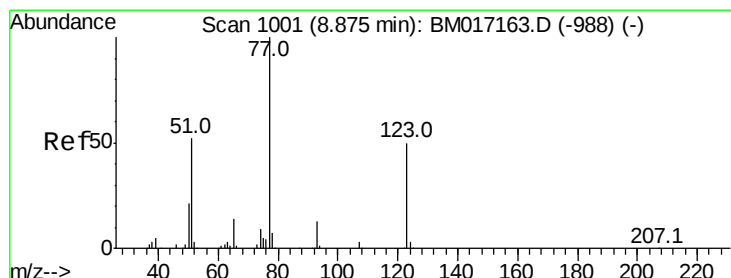
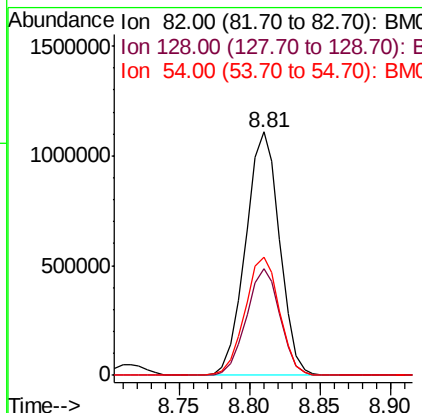
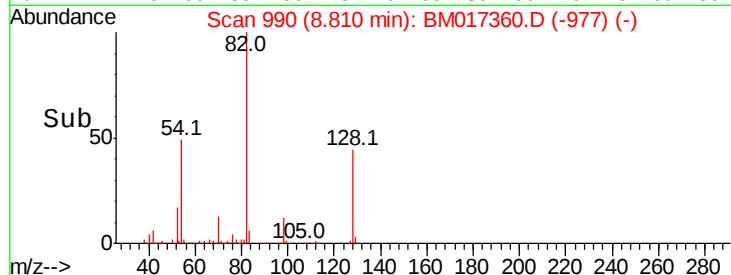
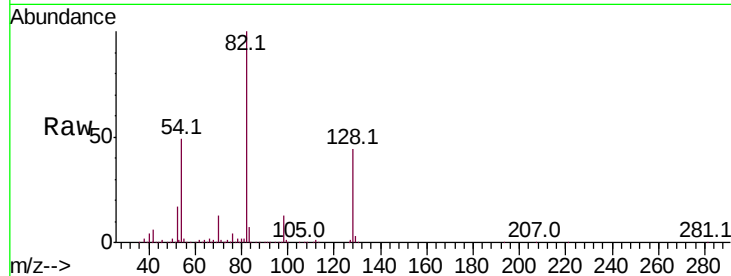
54 48.7 40.7 61.1

Manual Integrations

APPROVED

Sohil

10/29/2018 2:15:07 PM



#24

Nitrobenzene

Concen: 47.980 ng

RT: 8.85 min Scan# 997

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

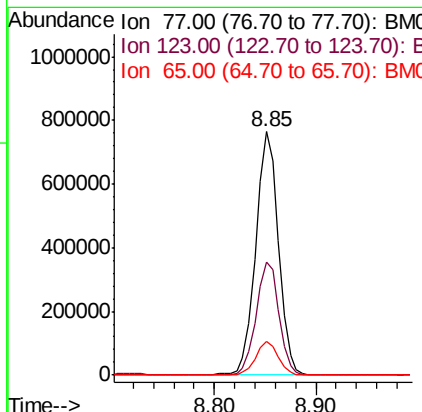
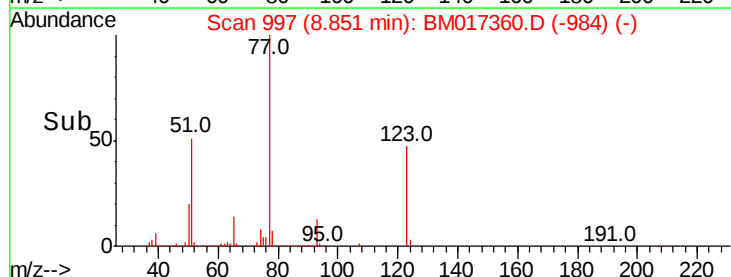
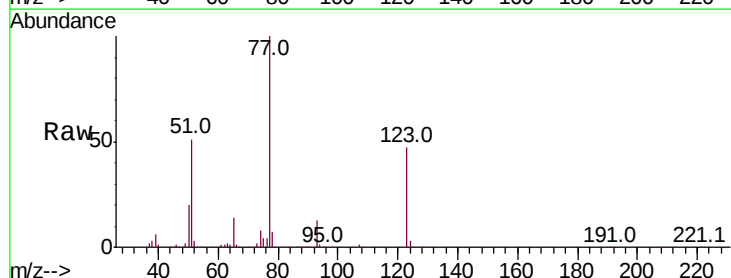
Tgt Ion: 77 Resp: 1181248

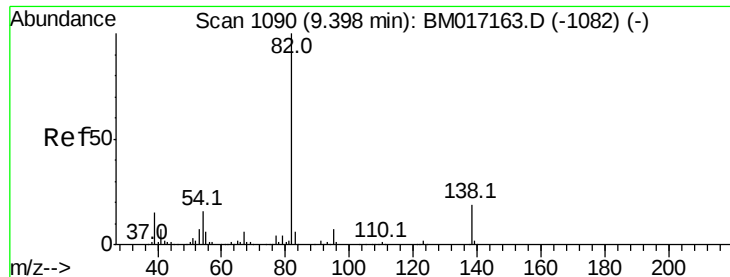
Ion Ratio Lower Upper

77 100

123 46.5 40.2 60.4

65 14.0 11.4 17.0





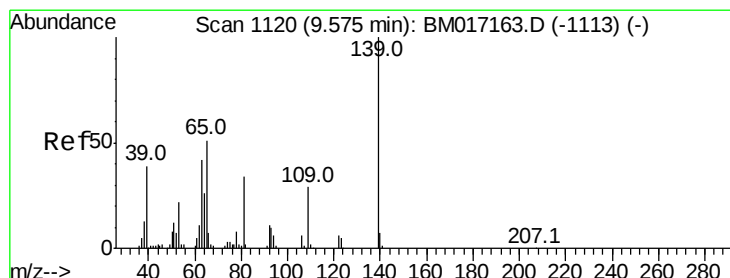
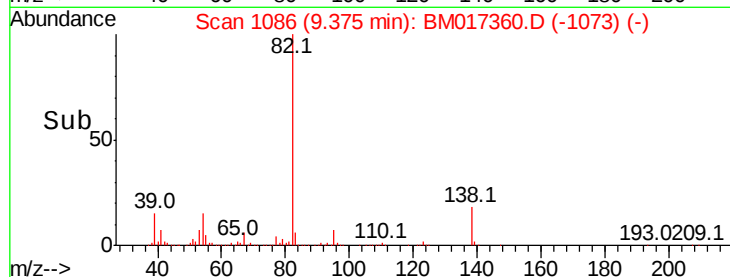
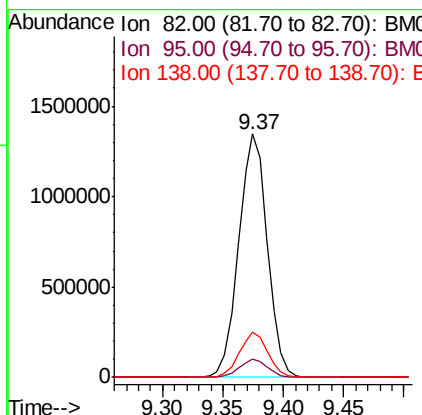
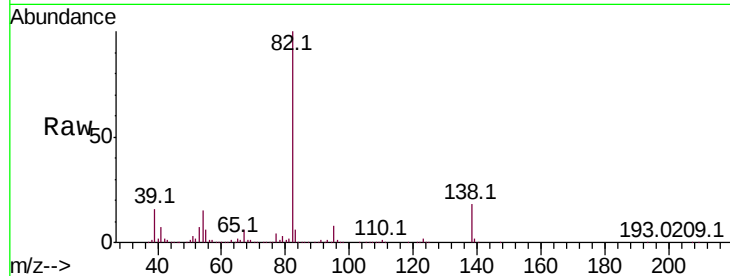
#25
Isophorone
Concen: 57.806 ng
RT: 9.37 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion: 82 Resp: 2221712
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 18.5 15.4 23.2

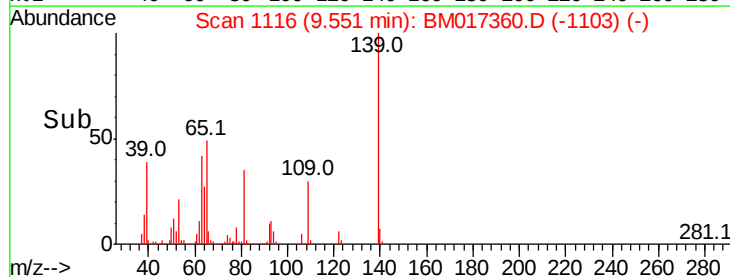
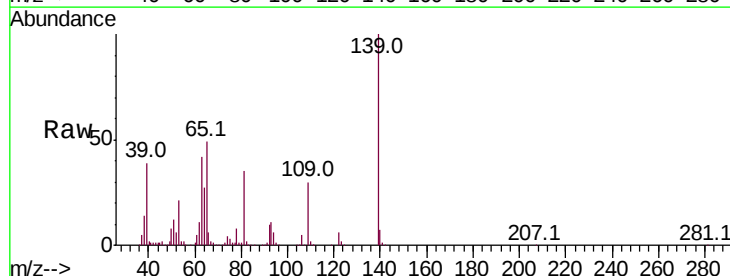
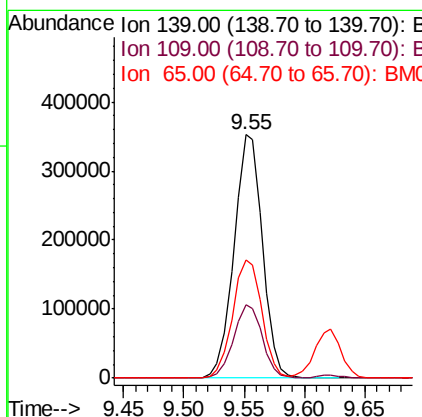
Manual Integrations
APPROVED

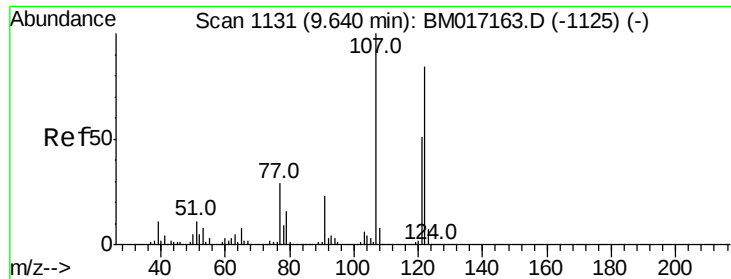
Sohil
10/29/2018 2:15:07 PM



#26
2-Nitrophenol
Concen: 49.930 ng
RT: 9.55 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion: 139 Resp: 578305
Ion Ratio Lower Upper
139 100
109 30.2 23.2 34.8
65 48.5 40.6 61.0





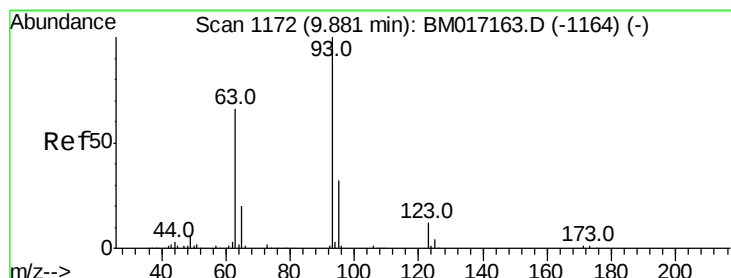
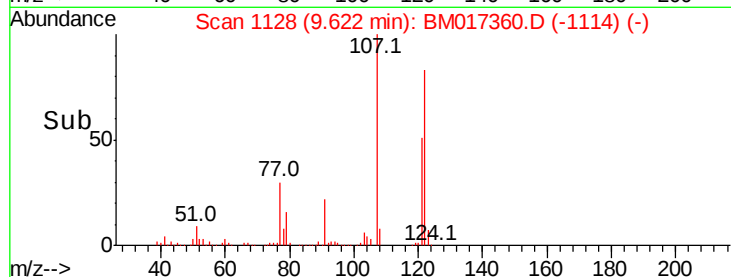
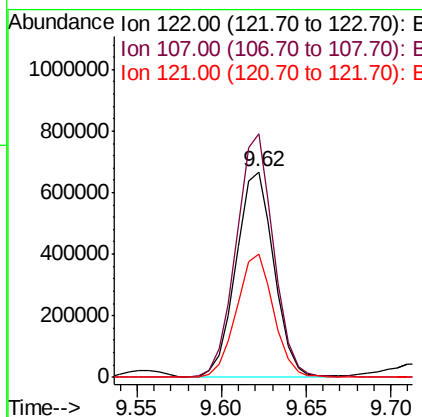
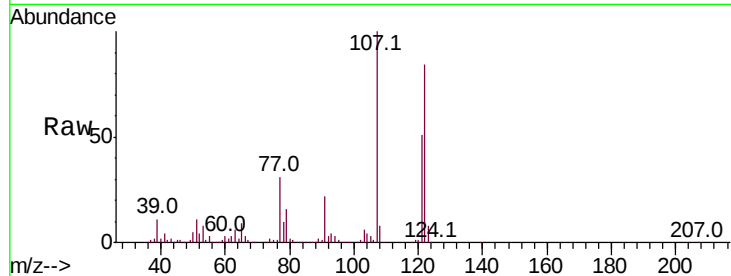
#27
2,4-Dimethylphenol
Concen: 60.959 ng
RT: 9.62 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampled :
RBR-200030MS

Tot Ion:122 Resp: 1035982
Ion Ratio Lower Upper
122 100
107 118.5 95.0 142.6
121 60.2 48.2 72.4

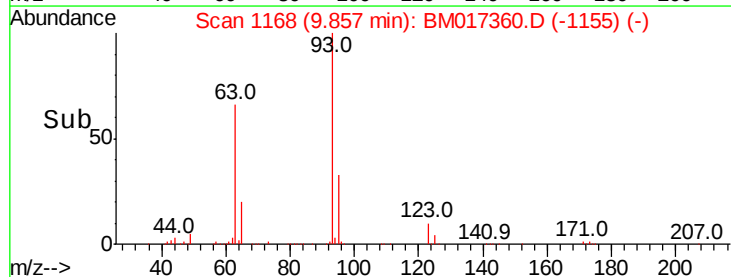
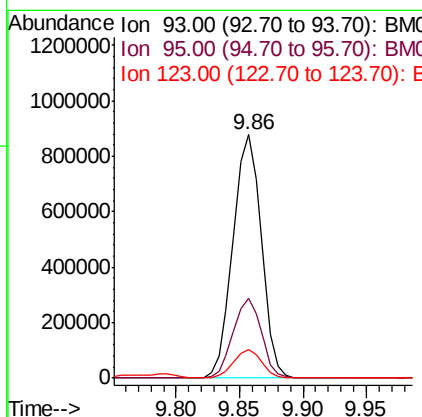
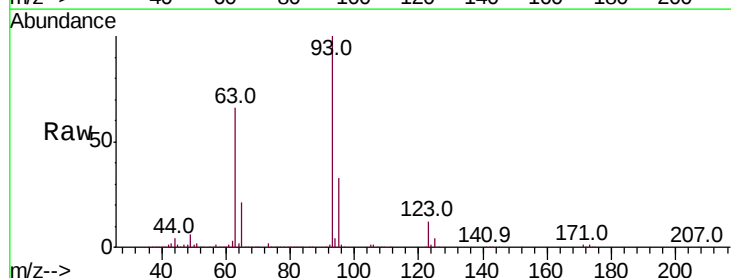
Manual Integrations
APPROVED

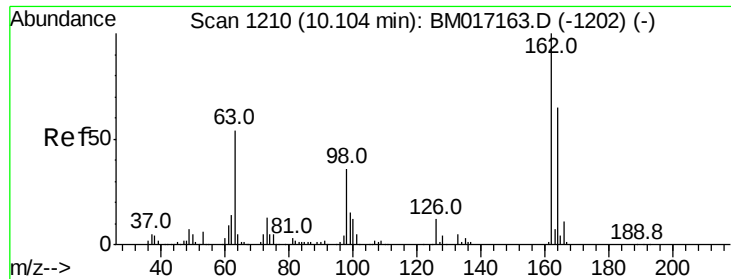
Sohil
10/29/2018 2:15:07 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.183 ng
RT: 9.86 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion: 93 Resp: 1357522
Ion Ratio Lower Upper
93 100
95 32.6 25.7 38.5
123 11.6 9.4 14.0





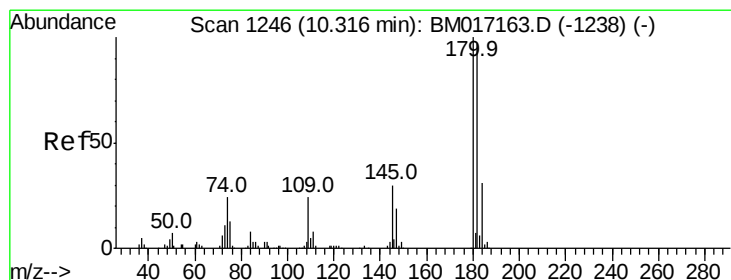
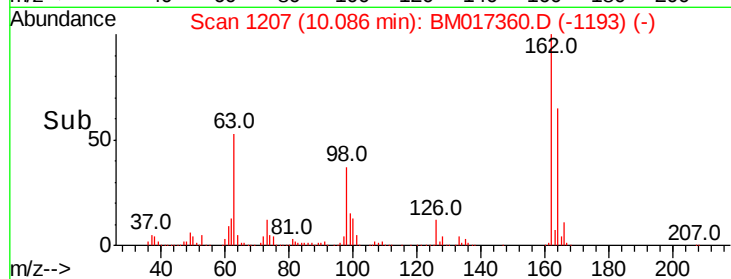
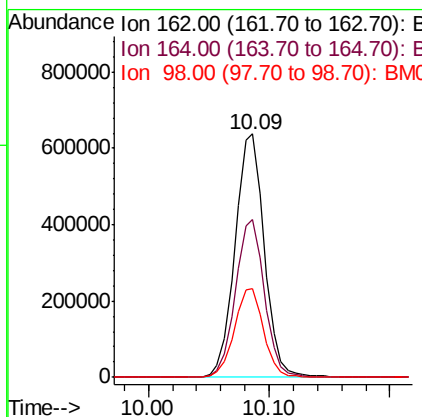
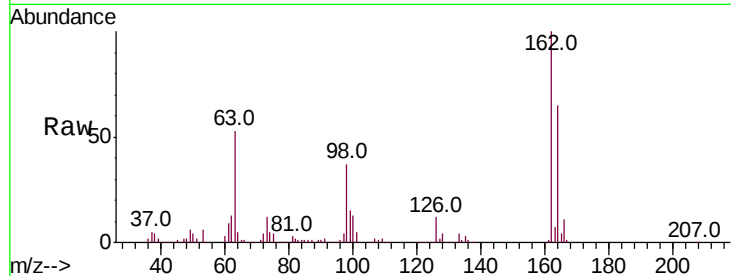
#29
2,4-Dichlorophenol
Concen: 54.616 ng
RT: 10.09 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.9	84.9
98	36.5	15.8	55.8

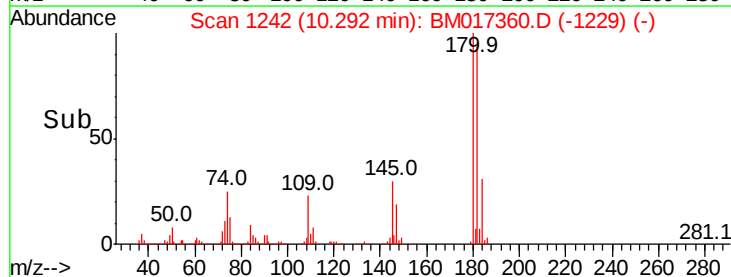
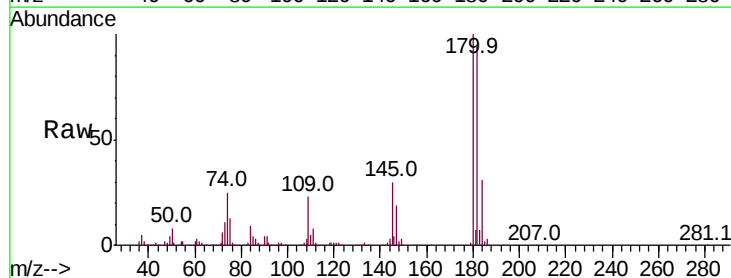
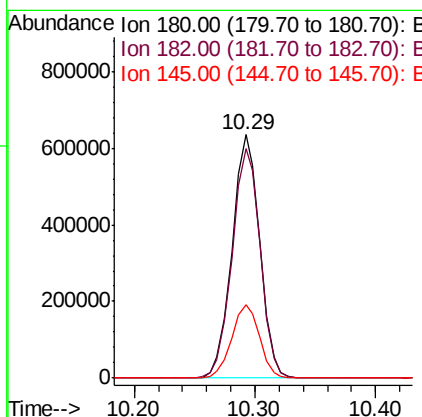
Manual Integrations
APPROVED

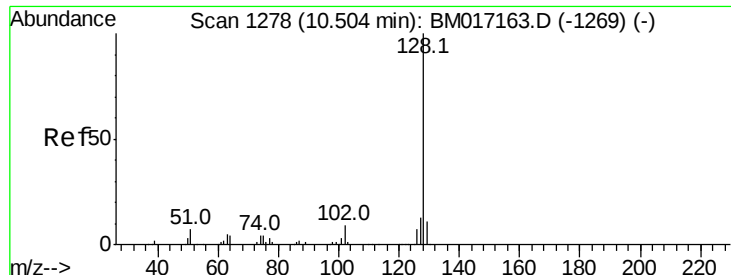
Sohil
10/29/2018 2:15:07 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.683 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	77.5	116.3
145	30.4	24.0	36.0





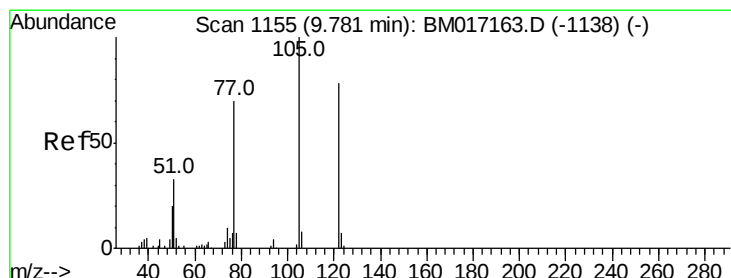
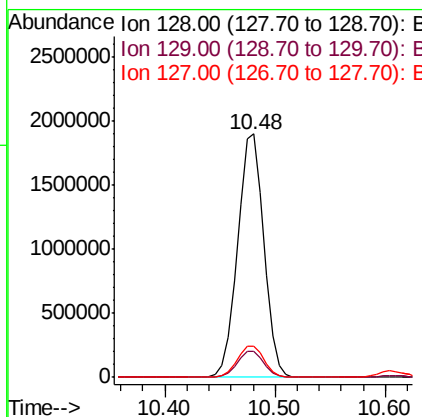
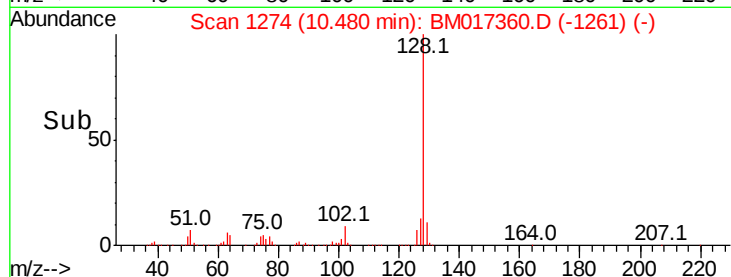
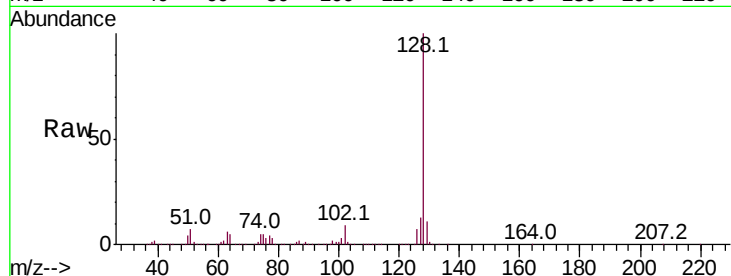
#31
Naphthalene
Concen: 47.546 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion:128 Resp: 3171757
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.0 10.3 15.5

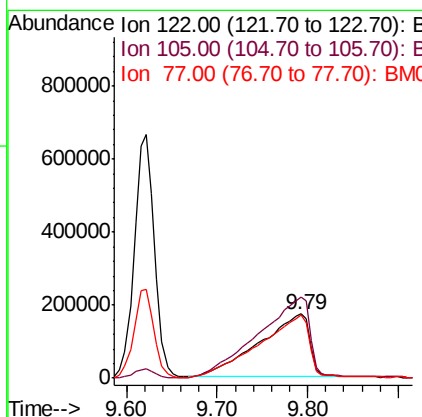
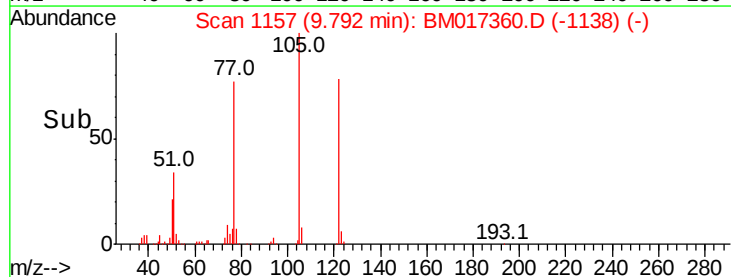
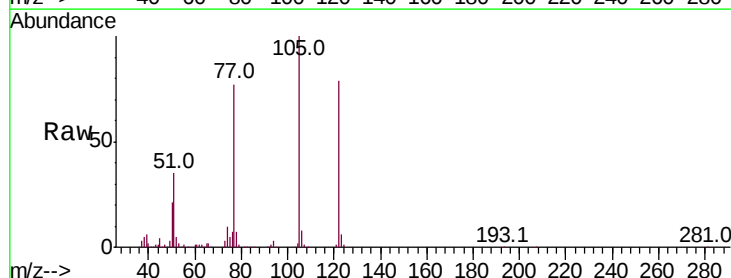
Manual Integrations
APPROVED

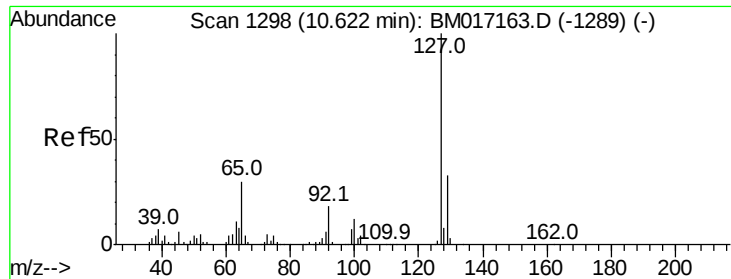
Sohil
10/29/2018 2:15:07 PM



#32
Benzoic acid
Concen: 52.716 ng
RT: 9.79 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion:122 Resp: 668465
Ion Ratio Lower Upper
122 100
105 126.7 102.0 142.0
77 98.1 67.7 107.7





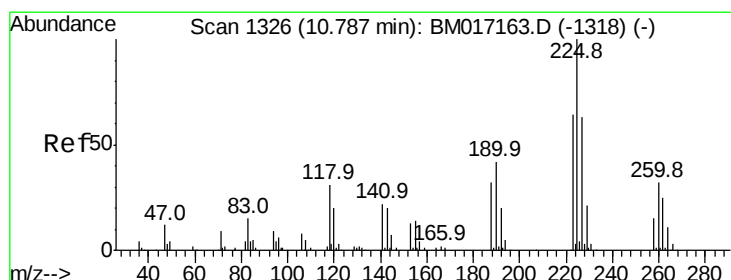
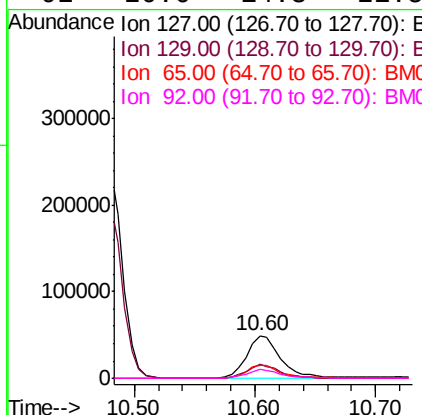
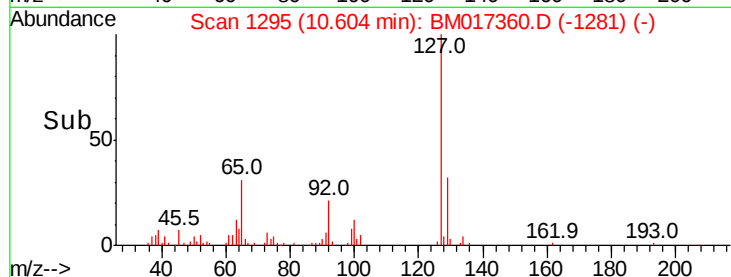
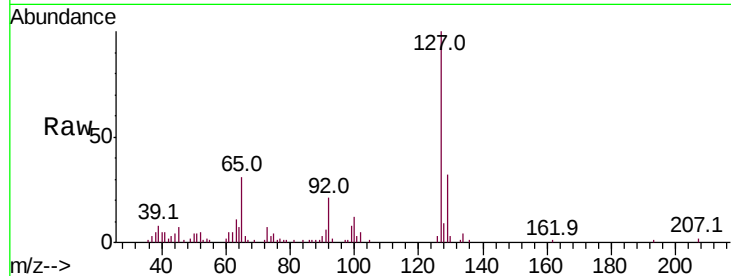
#33
4-Chloroaniline
Concen: 3.337 ng
RT: 10.60 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	31.1	23.7	35.5
92	20.6	14.3	21.5

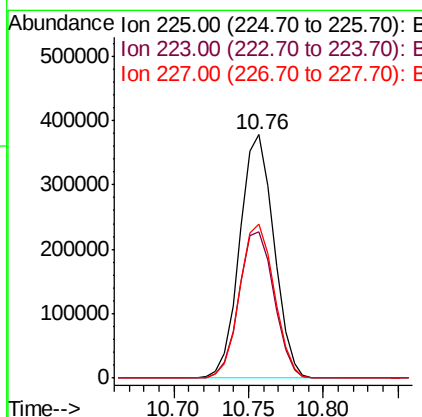
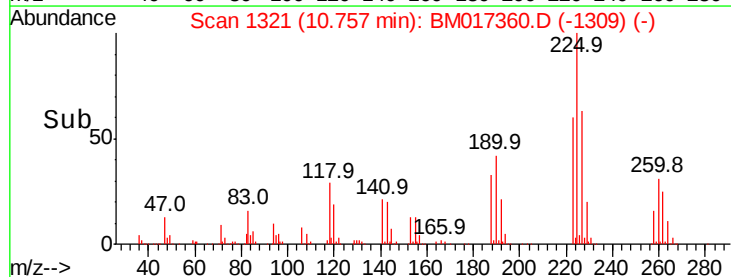
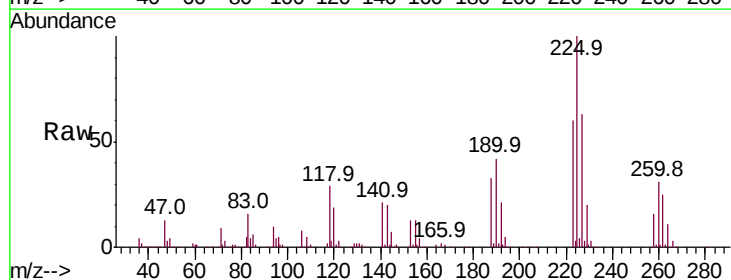
Manual Integrations
APPROVED

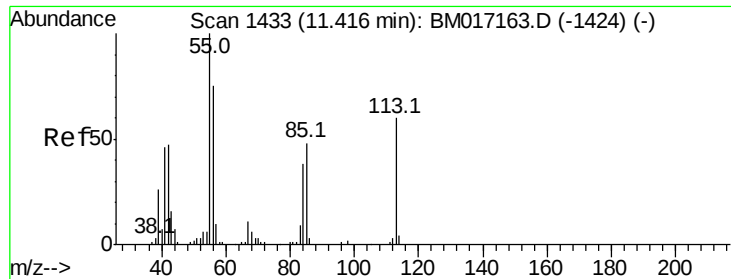
Sohil
10/29/2018 2:15:07 PM



#34
Hexachlorobutadiene
Concen: 39.929 ng
RT: 10.76 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	51.0	76.6
227	63.3	50.8	76.2





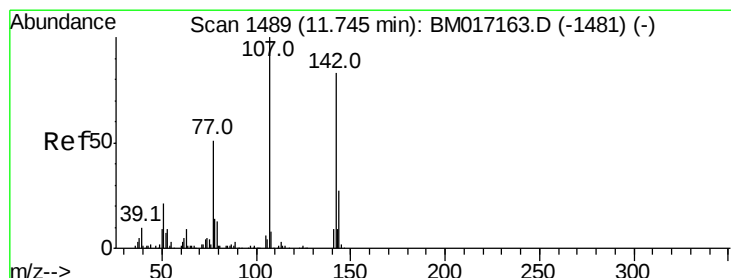
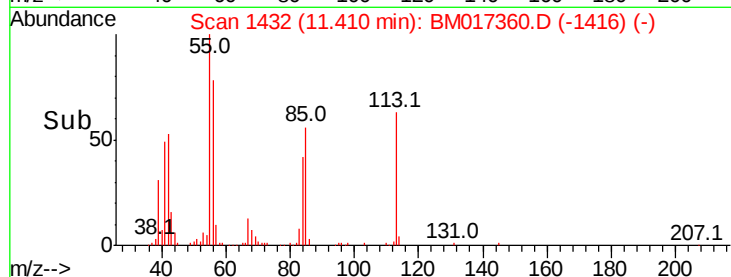
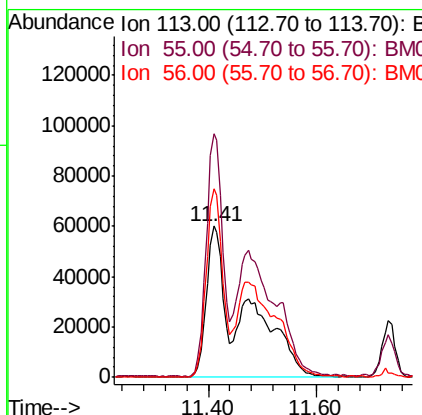
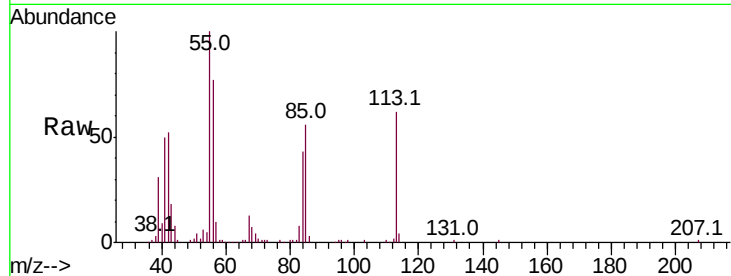
#35
 Caprolactam
 Concen: 39.528 ng/ml
 RT: 11.41 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BM017360.D
 Acq: 26 Oct 2018 22:22

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.9	147.0	187.0
56	124.4	104.5	144.5

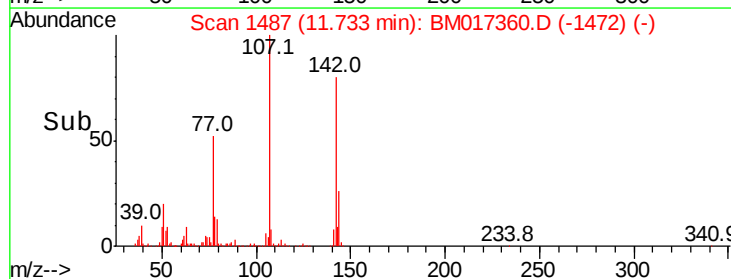
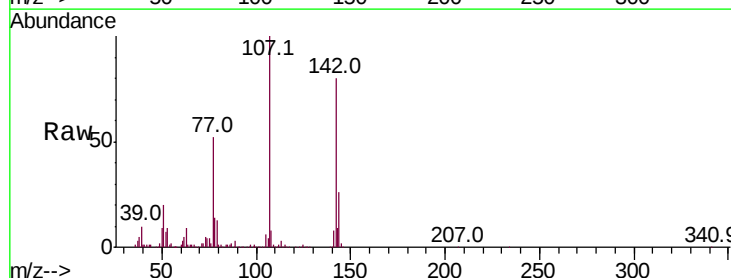
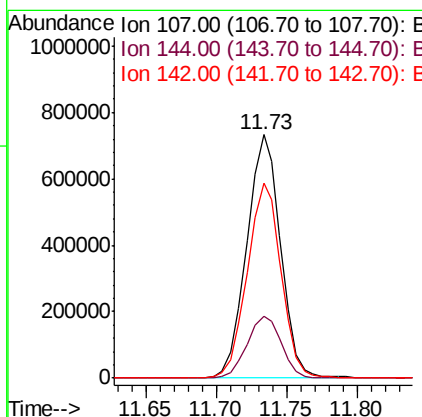
Manual Integrations
 APPROVED

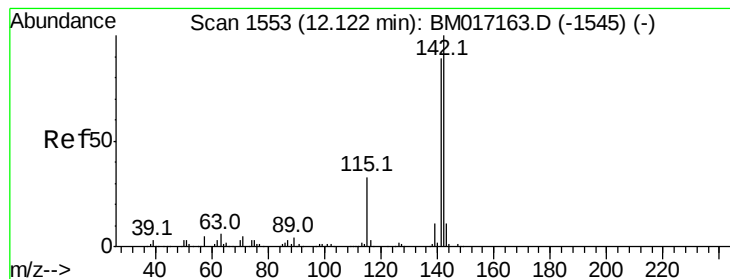
Sohil
 10/29/2018 2:15:07 PM



#36
 4-Chloro-3-methylphenol
 Concen: 55.289 ng/ml
 RT: 11.73 min Scan# 1487
 Delta R.T. -0.01 min
 Lab File: BM017360.D
 Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	21.6	32.4
142	79.8	66.0	99.0





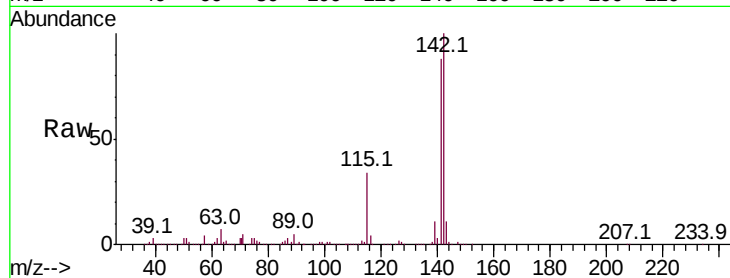
#37
2-Methylnaphthalene
Concen: 55.115 ng
RT: 12.10 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.9	106.3
115	33.6	26.4	39.6

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 PM

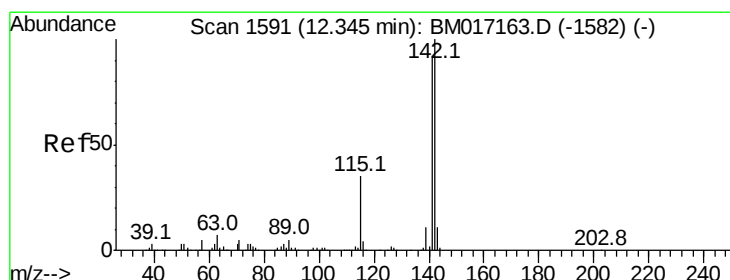
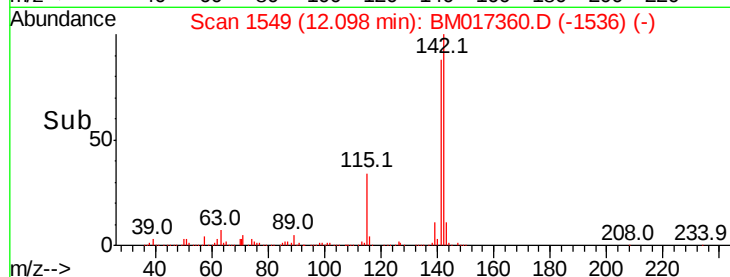
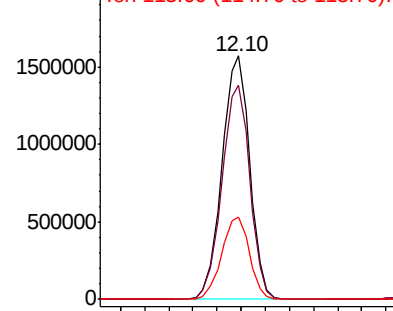


Abundance

Ion 142.00 (141.70 to 142.70): E

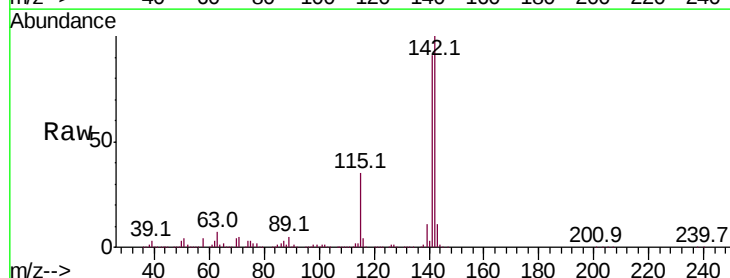
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 54.389 ng
RT: 12.32 min Scan# 1586
Delta R.T. -0.03 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.8	110.6
116	3.6	2.9	4.3

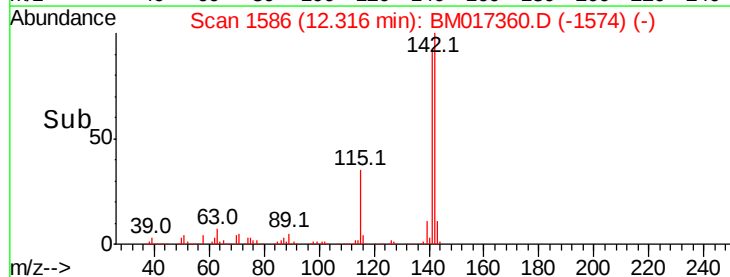
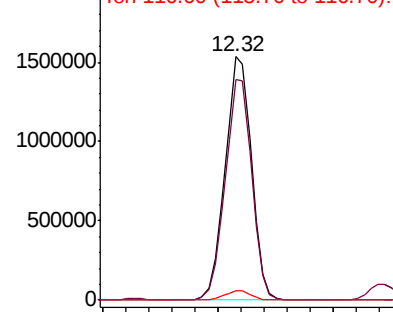


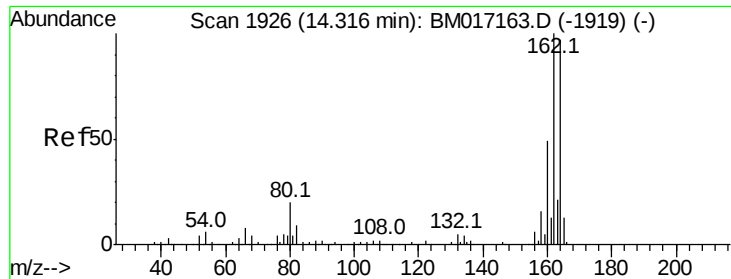
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





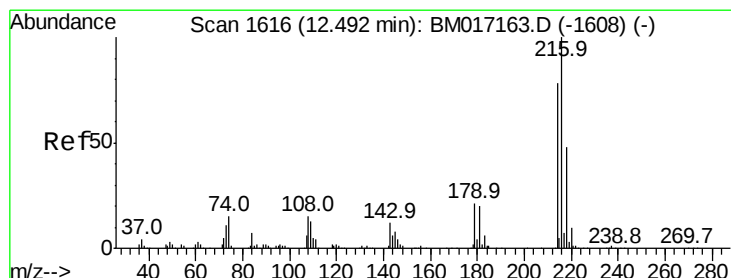
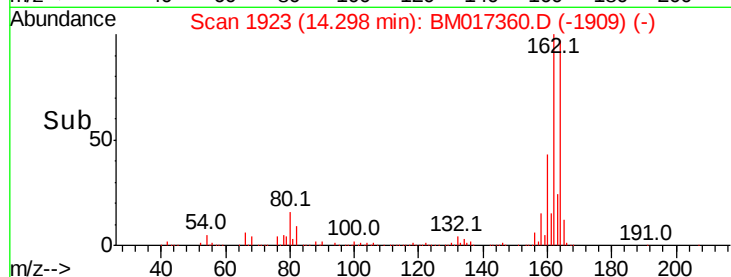
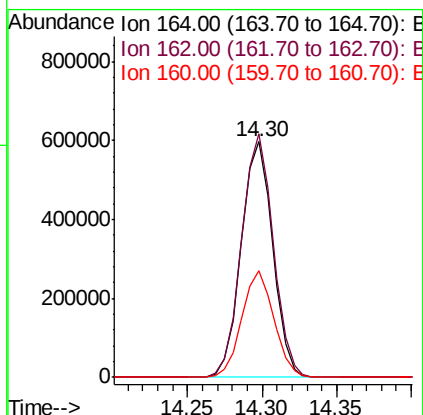
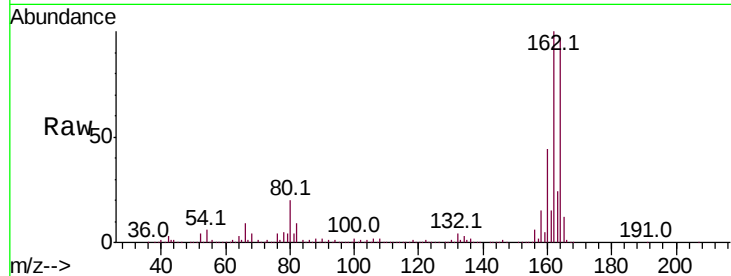
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.1	123.1
160	45.0	40.2	60.2

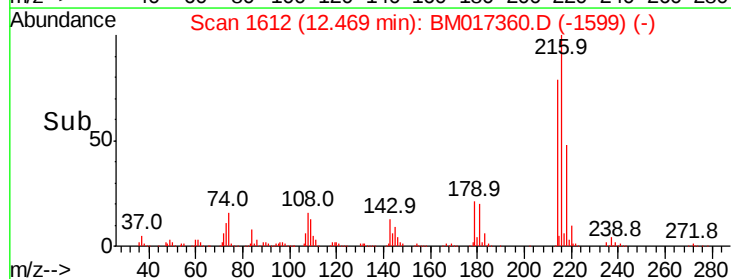
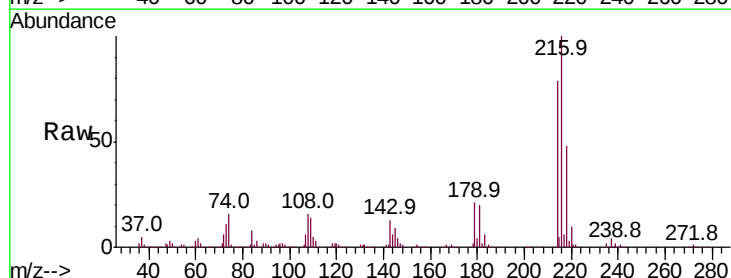
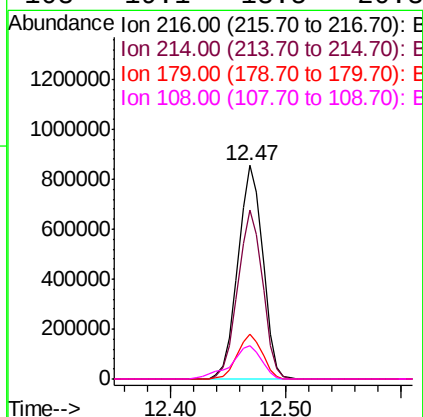
Manual Integrations
APPROVED

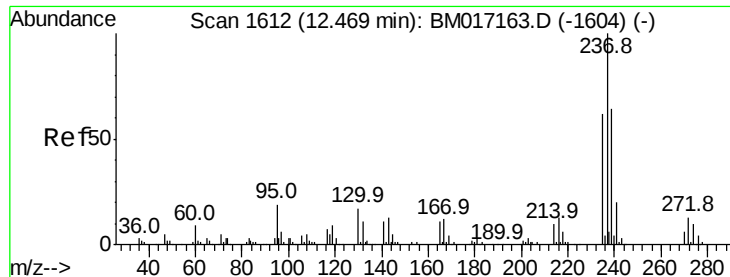
Sohil
10/29/2018 2:15:07 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.587 ng
RT: 12.47 min Scan# 1612
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.6	93.8
179	21.0	16.6	24.8
108	19.1	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 95.649 ng

RT: 12.45 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:237 Resp: 1420053

Ion Ratio Lower Upper

237 100

235 63.0 42.4 82.4

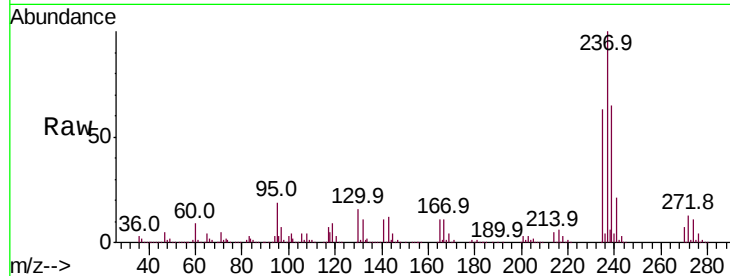
272 13.0 0.0 33.0

Manual Integrations

APPROVED

Sohil

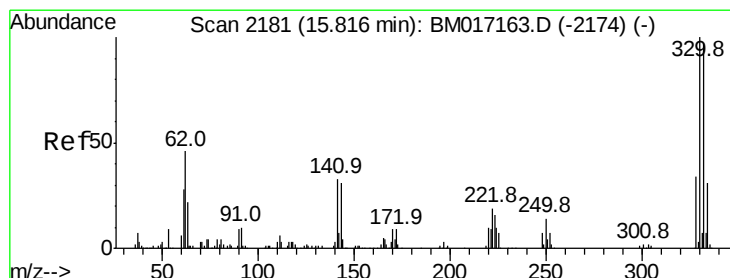
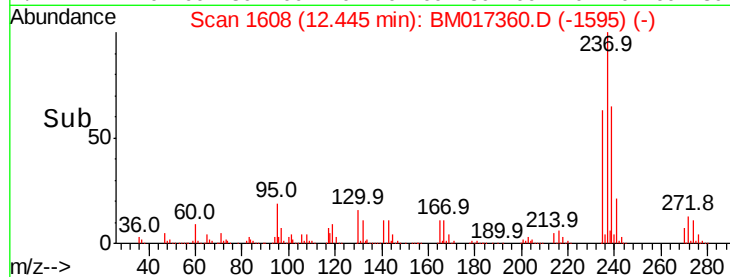
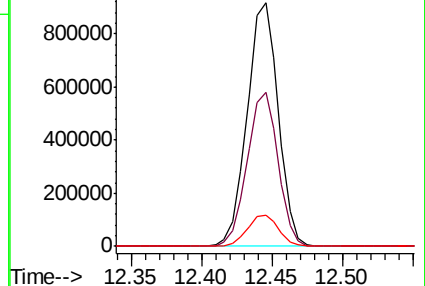
10/29/2018 2:15:07 PM



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: 129.530 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

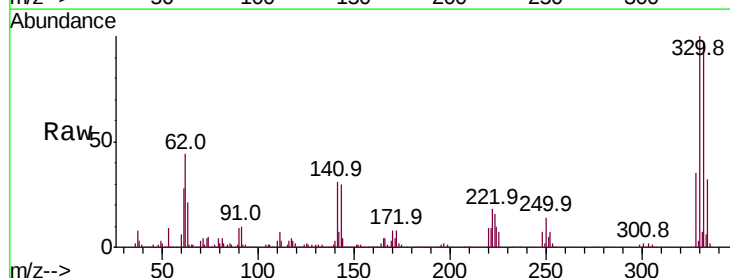
Tgt Ion:330 Resp: 1527572

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

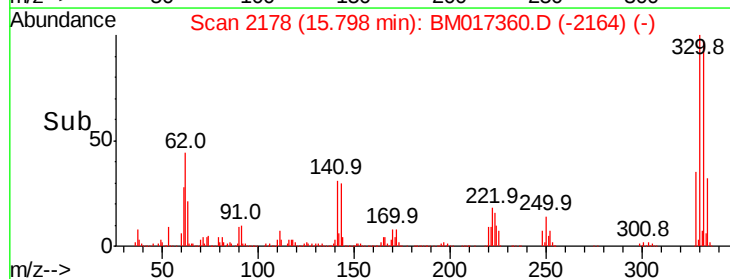
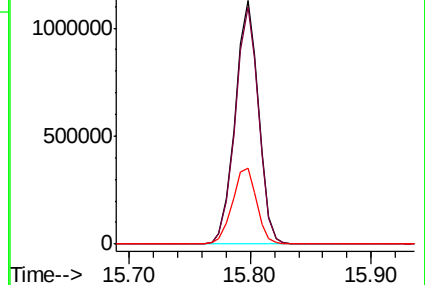
141 32.5 27.4 41.0

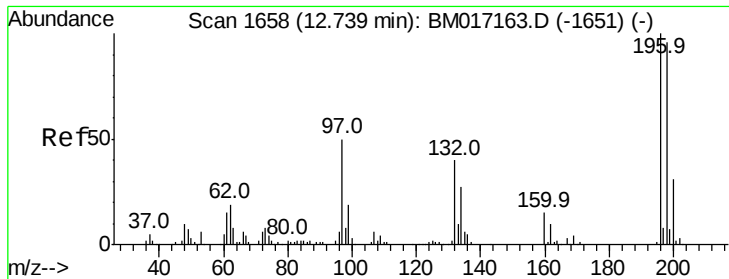


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





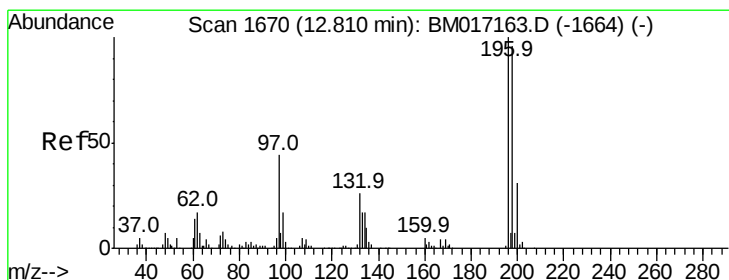
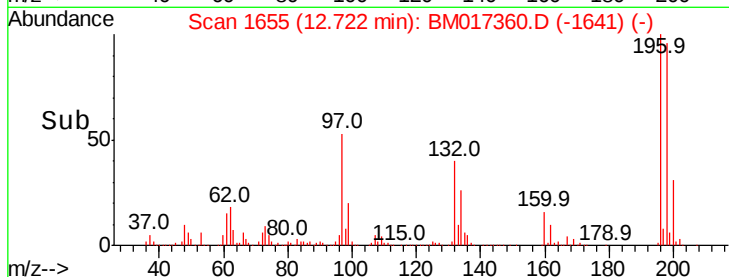
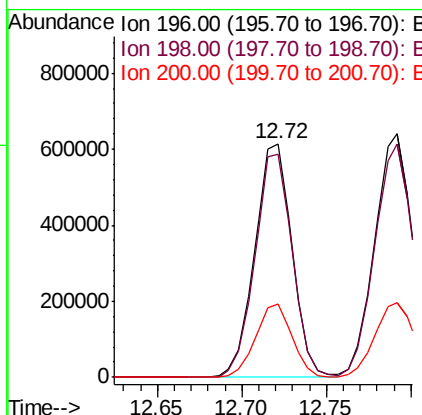
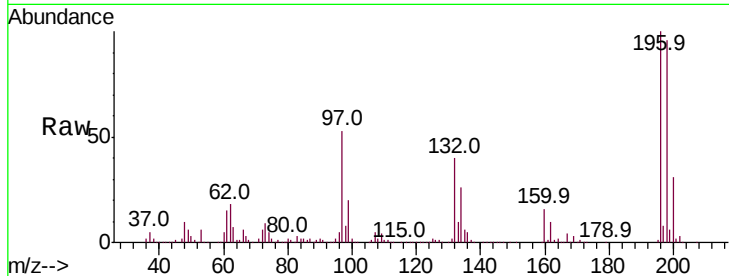
#43
 2,4,6-Trichlorophenol
 Concen: 52.662 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. -0.02 min
 Lab File: BM017360.D
 Acq: 26 Oct 2018 22:22

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	938841		
198	95.9	77.1	115.7	
200	31.4	25.0	37.4	

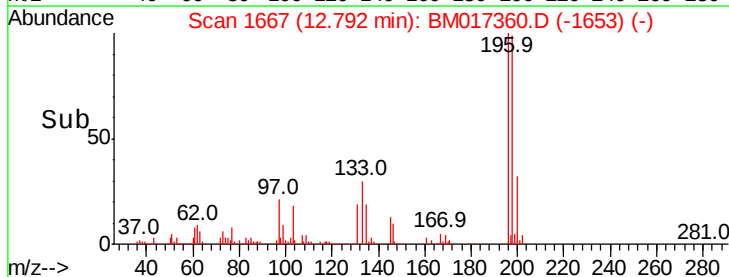
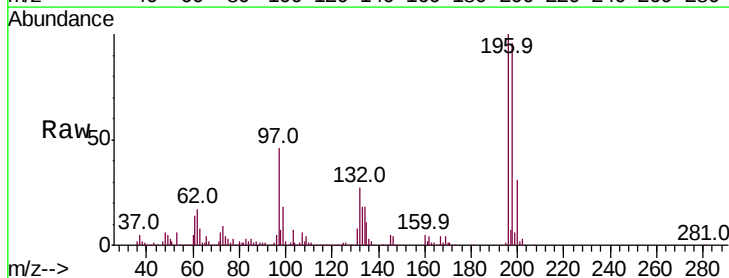
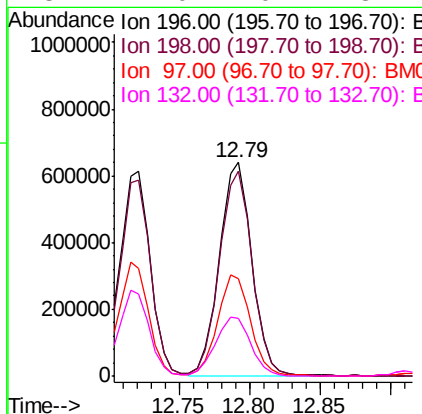
Manual Integrations
 APPROVED

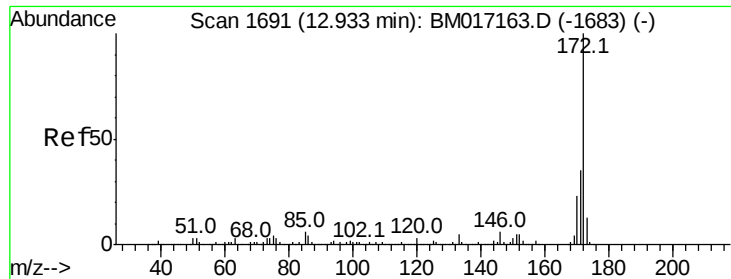
Sohil
 10/29/2018 2:15:07 PM



#44
 2,4,5-Trichlorophenol
 Concen: 53.283 ng
 RT: 12.79 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BM017360.D
 Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1018615		
198	95.7	76.6	115.0	
97	45.7	35.5	53.3	
132	27.0	20.7	31.1	





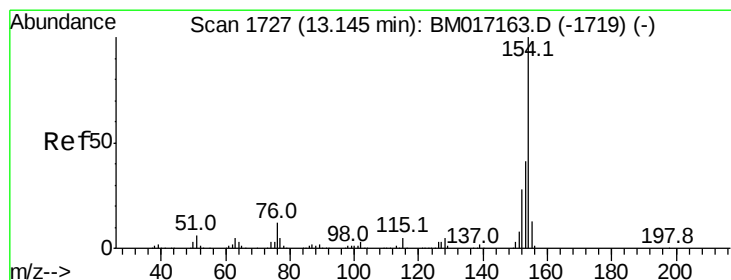
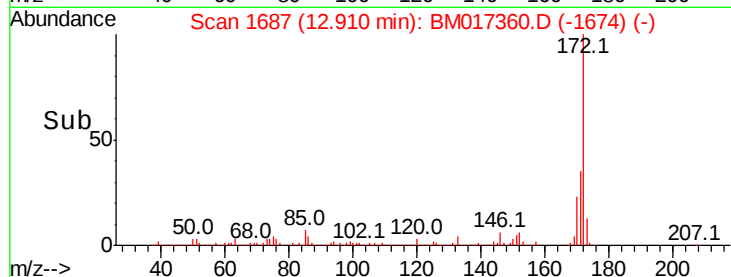
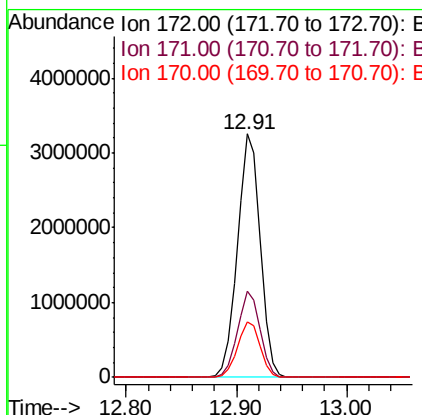
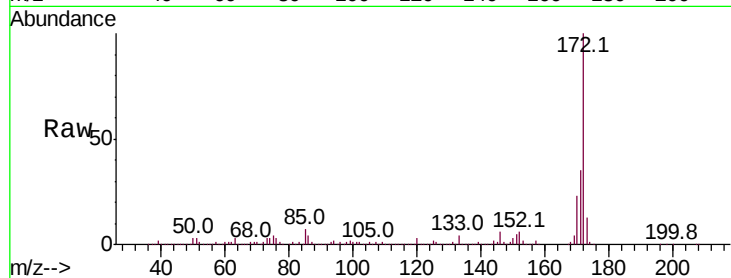
#45
2-Fluorobiphenyl
Concen: 72.015 ng
RT: 12.91 min Scan# 1687
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.7	18.3	27.5

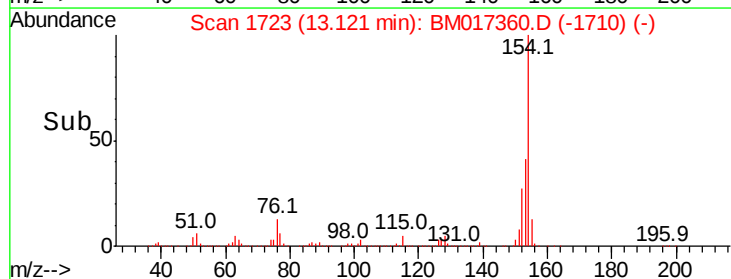
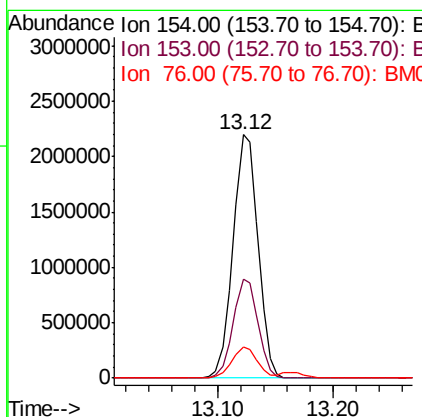
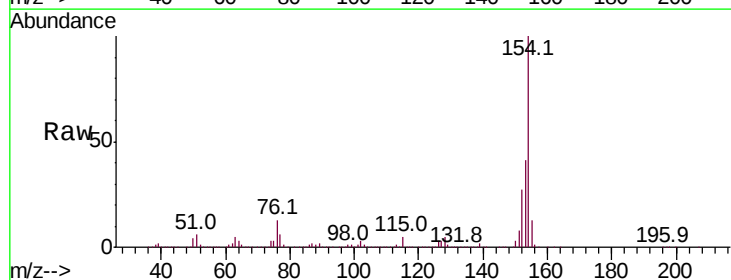
Manual Integrations
APPROVED

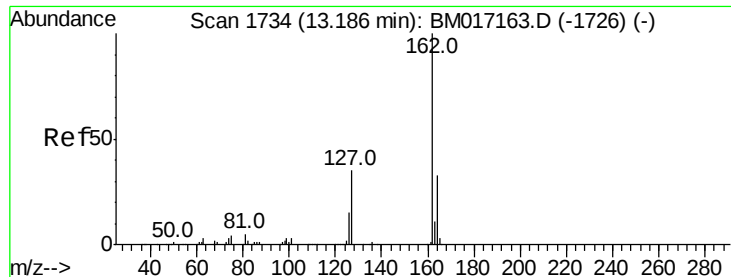
Sohil
10/29/2018 2:15:07 PM



#46
1,1'-Biphenyl
Concen: 41.807 ng
RT: 13.12 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.5	60.5
76	12.6	0.0	31.8





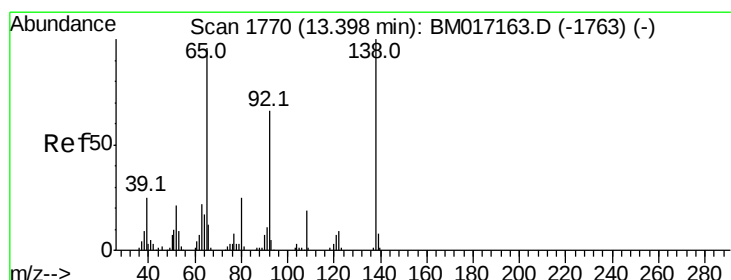
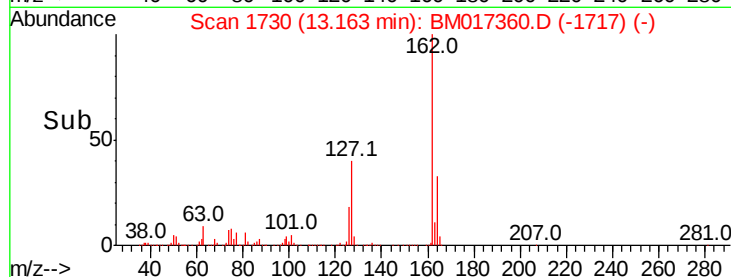
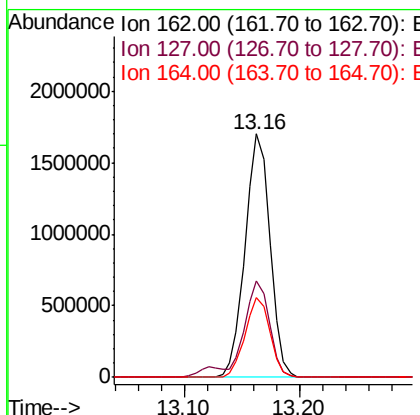
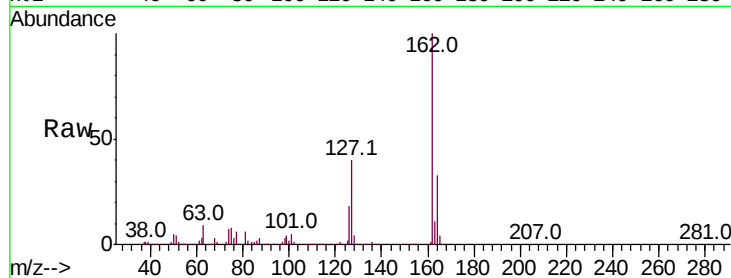
#47
2-Chloronaphthalene
Concen: 44.340 ng
RT: 13.16 min Scan# 1730
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.0	46.4
164	32.6	26.6	39.8

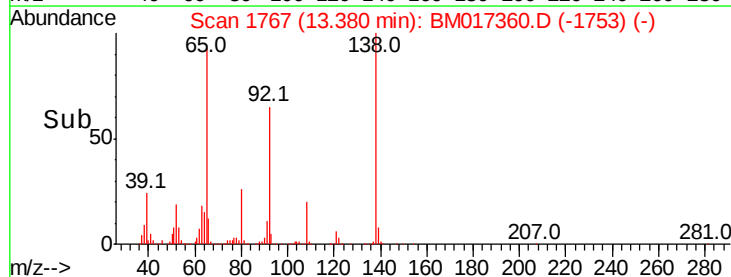
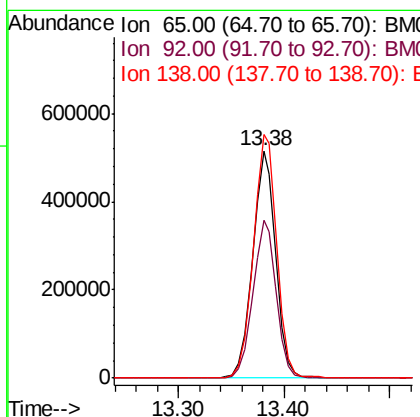
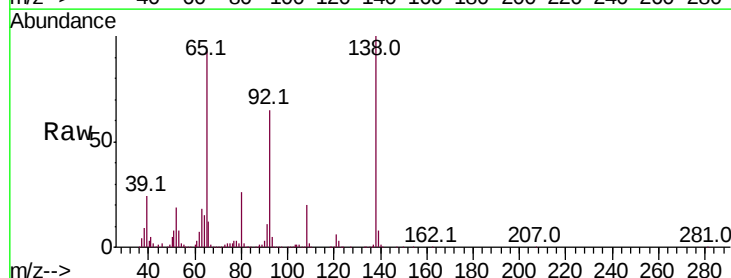
Manual Integrations
APPROVED

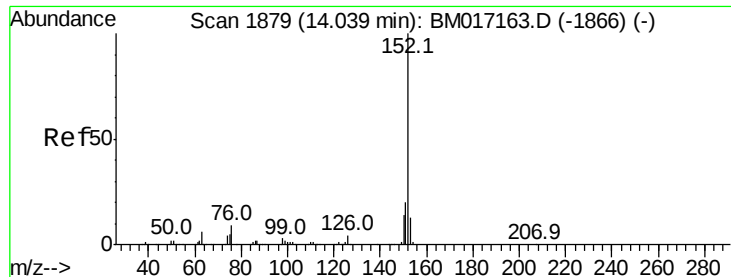
Sohil
10/29/2018 2:15:07 PM



#48
2-Nitroaniline
Concen: 48.077 ng
RT: 13.38 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	54.9	82.3
138	107.2	83.7	125.5





#49

Acenaphthylene

Concen: 51.605 ng

RT: 14.02 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:152 Resp: 4318400

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

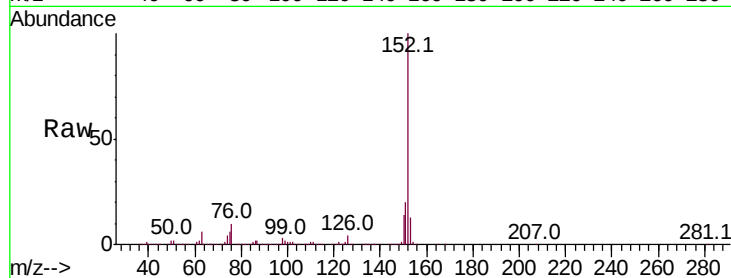
153 13.1 10.4 15.6

Manual Integrations

APPROVED

Sohil

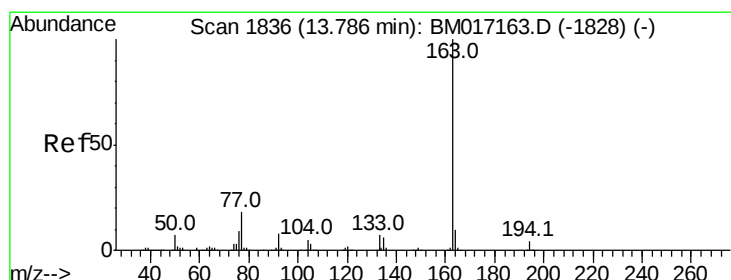
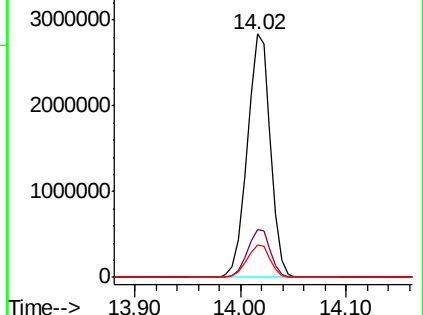
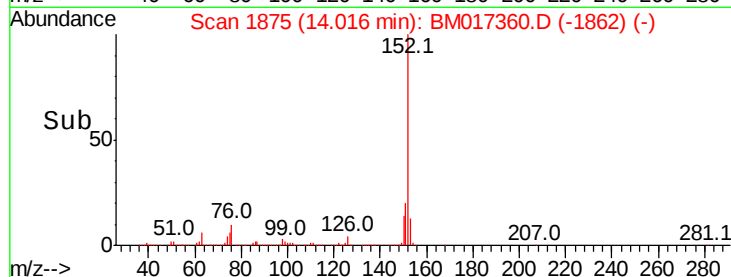
10/29/2018 2:15:07 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.241 ng

RT: 13.77 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

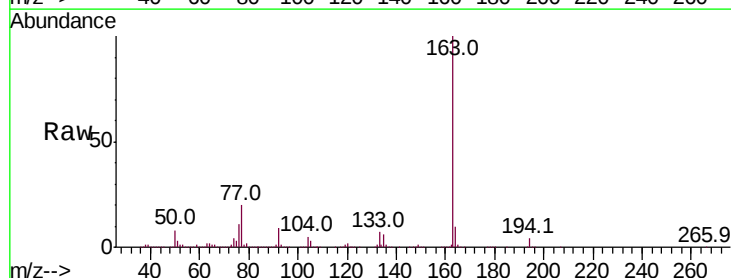
Tgt Ion:163 Resp: 3380192

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

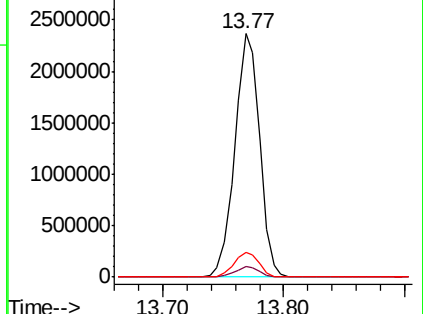
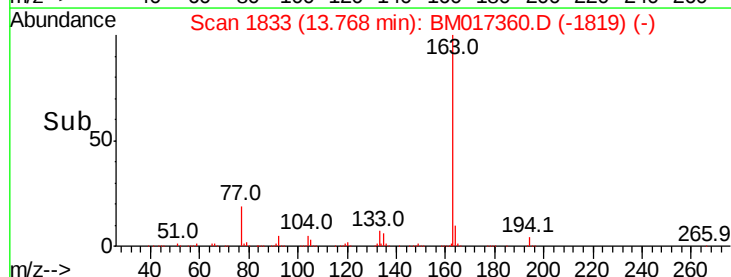
164 10.4 7.8 11.8

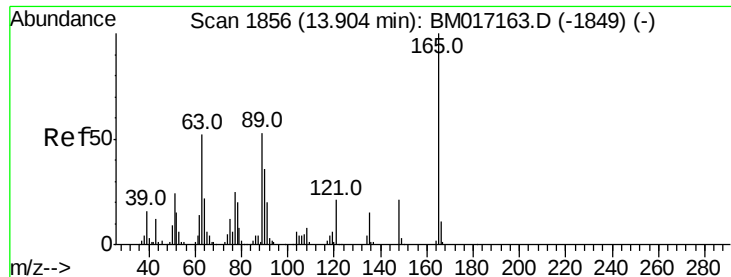


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





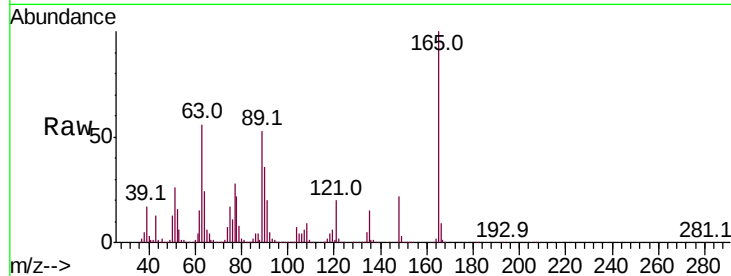
#51
2,6-Dinitrotoluene
Concen: 52.306 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

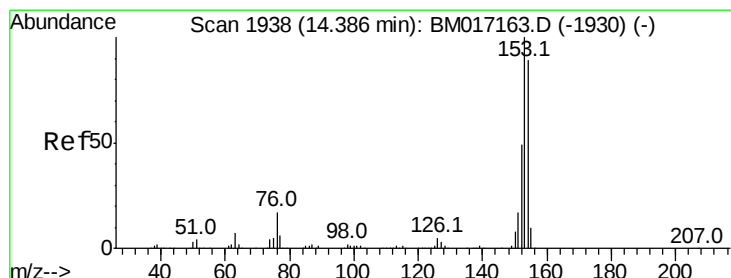
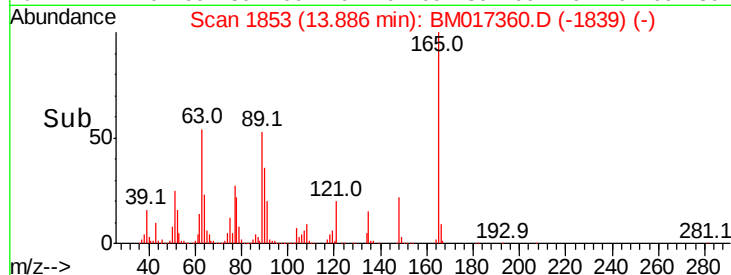
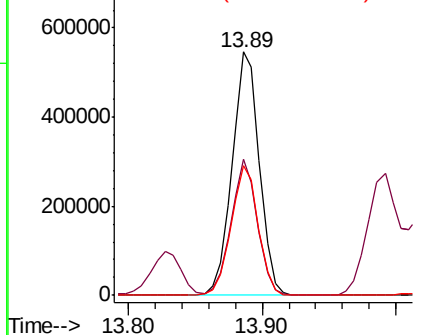
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.7	42.7	64.1
89	53.3	42.1	63.1

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 PM

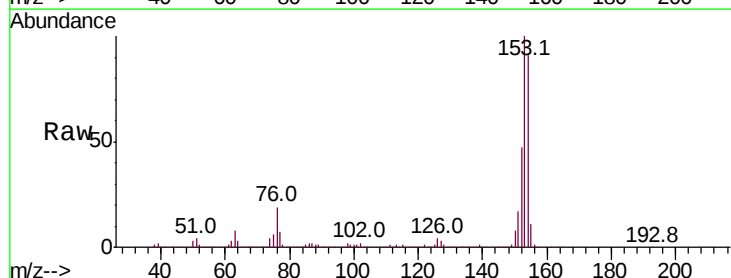


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0

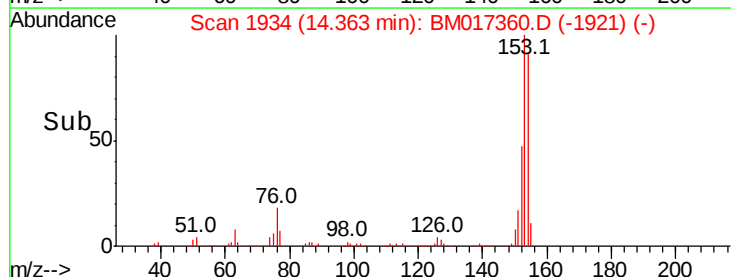
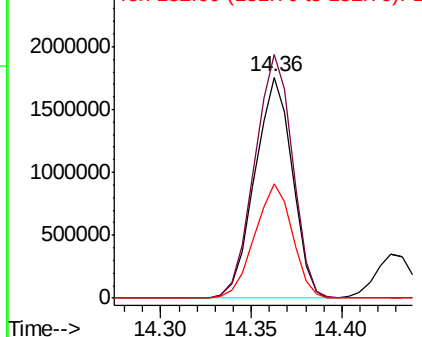


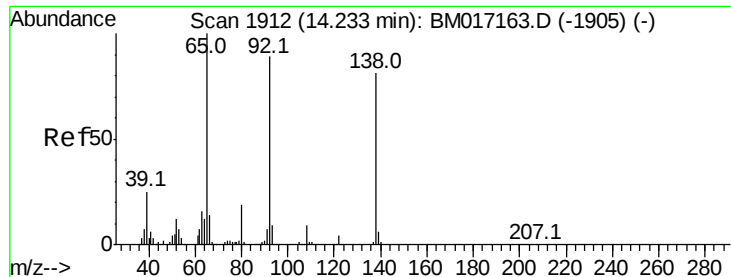
#52
Acenaphthene
Concen: 48.073 ng
RT: 14.36 min Scan# 1934
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.4	90.2	135.2
152	51.9	44.2	66.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





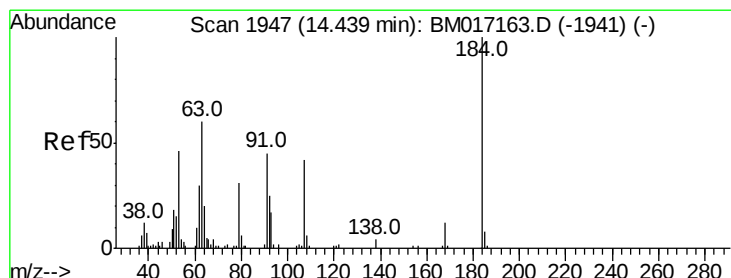
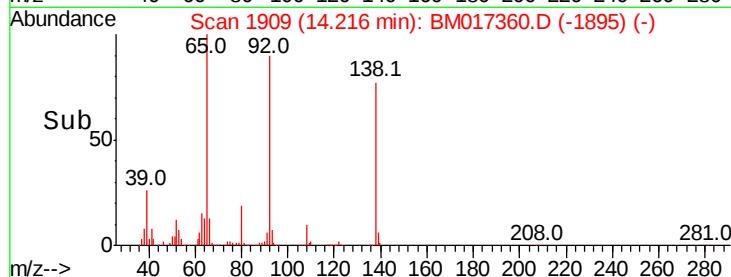
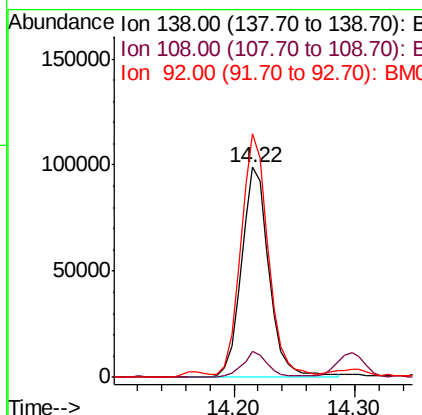
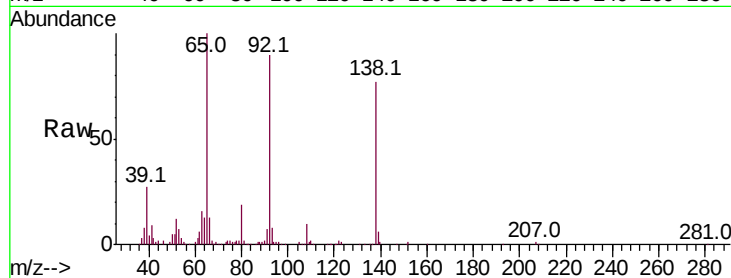
#53
3-Nitroaniline
Concen: 9.871 ng
RT: 14.22 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	8.7	13.1
92	115.9	87.9	131.9

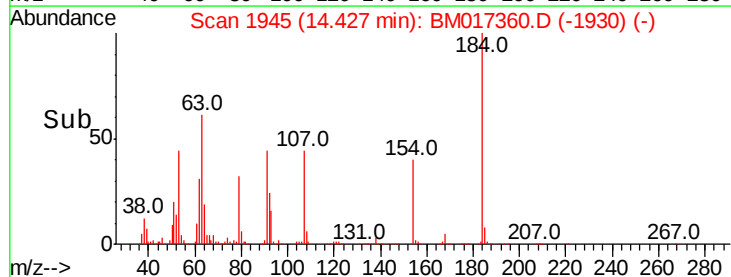
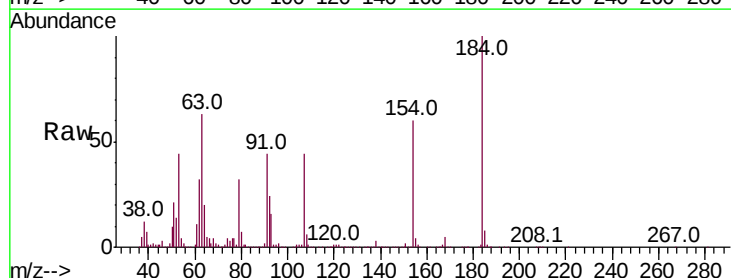
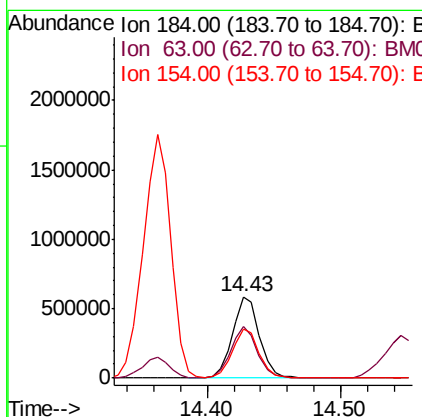
Manual Integrations
APPROVED

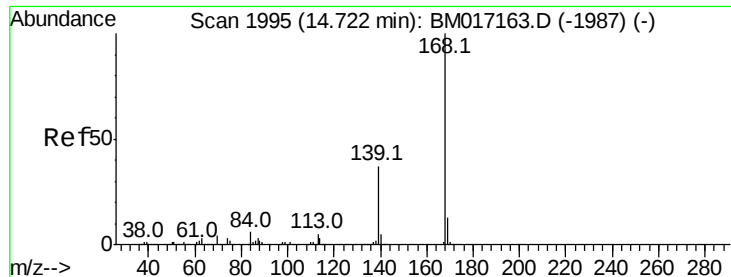
Sohil
10/29/2018 2:15:07 PM



#54
2,4-Dinitrophenol
Concen: 93.450 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.1	51.2	76.8
154	60.5	47.8	71.8





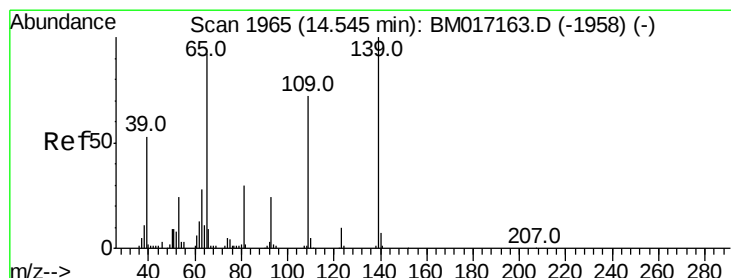
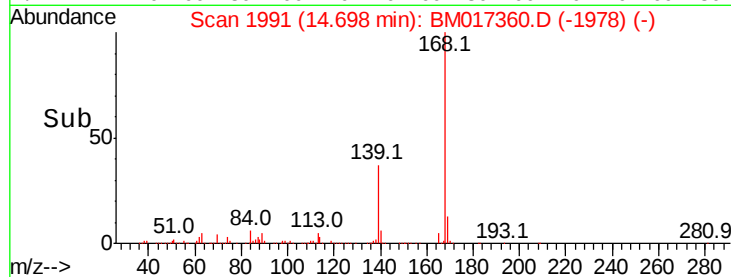
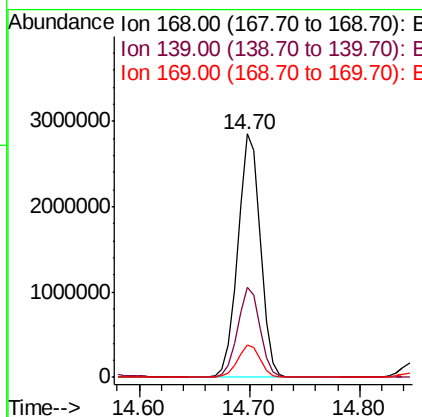
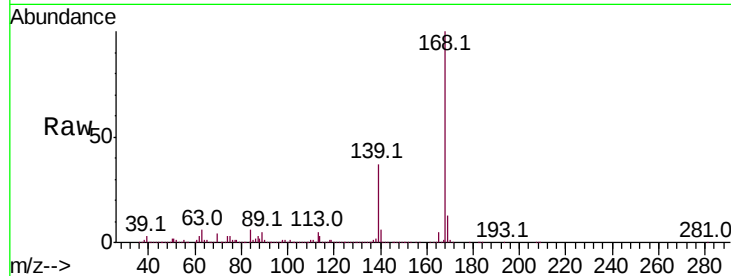
#55
Dibenzenofuran
Concen: 46.746 ng
RT: 14.70 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.3	43.9
169	13.4	10.6	15.8

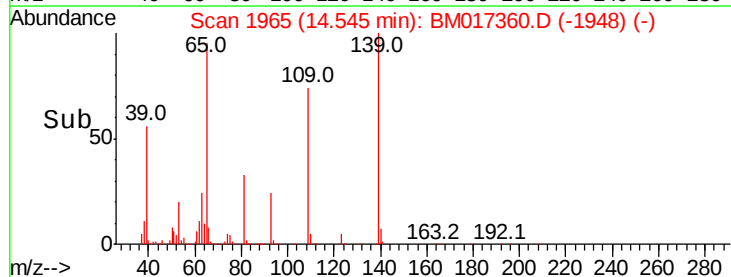
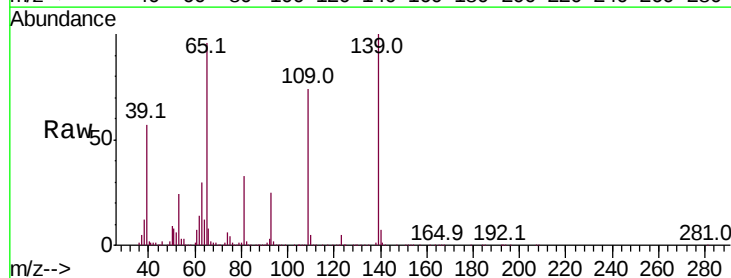
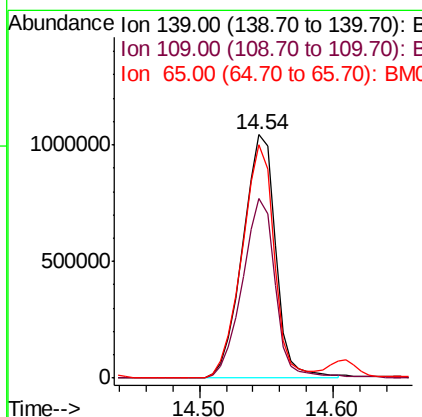
Manual Integrations
APPROVED

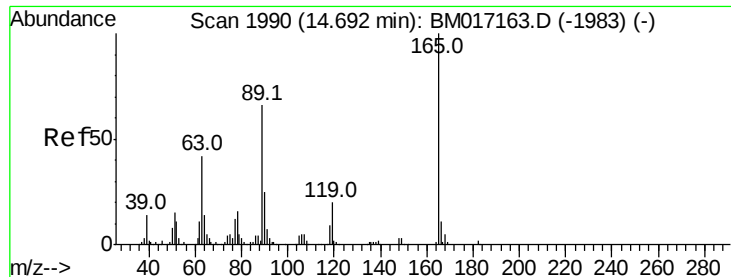
Sohil
10/29/2018 2:15:07 PM



#56
4-Nitrophenol
Concen: 119.574 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.9	51.8	91.8
65	95.9	72.1	112.1





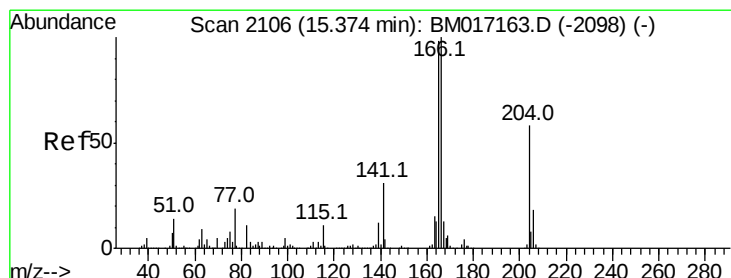
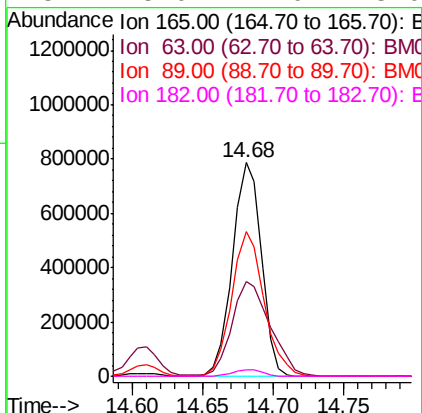
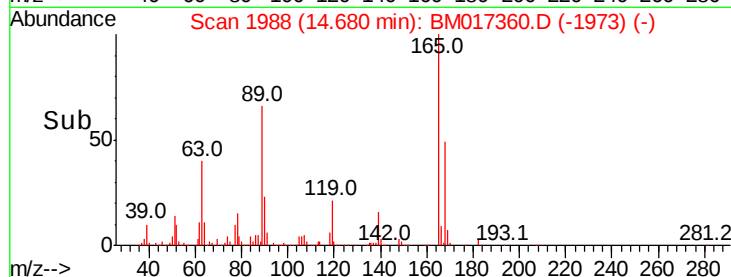
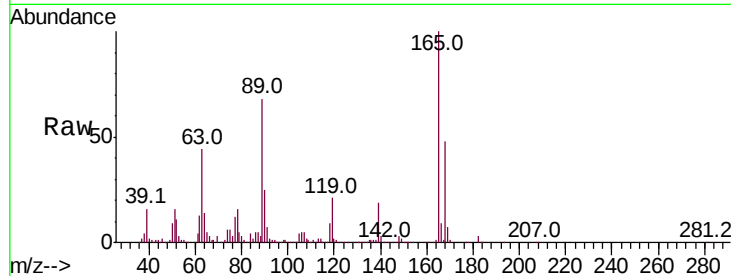
#57
 2,4-Dinitrotoluene
 Concen: 56.315 ng
 RT: 14.68 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BM017360.D
 Acq: 26 Oct 2018 22:22

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.4	33.8	50.8
89	67.6	53.1	79.7
182	3.0	2.0	3.0#

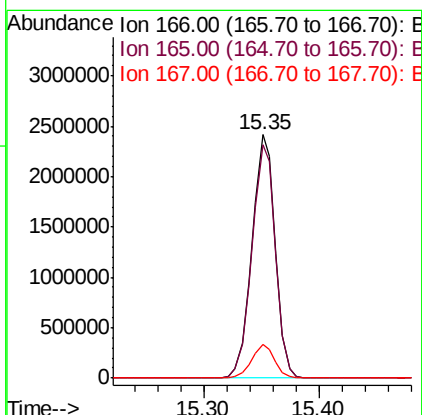
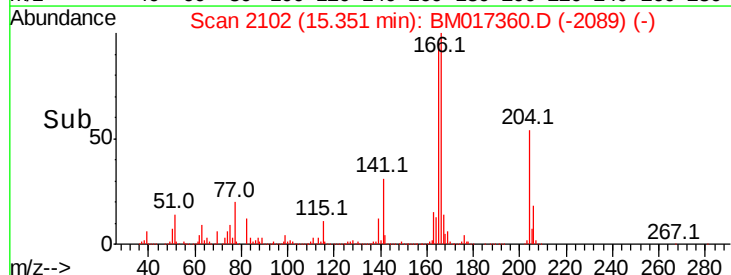
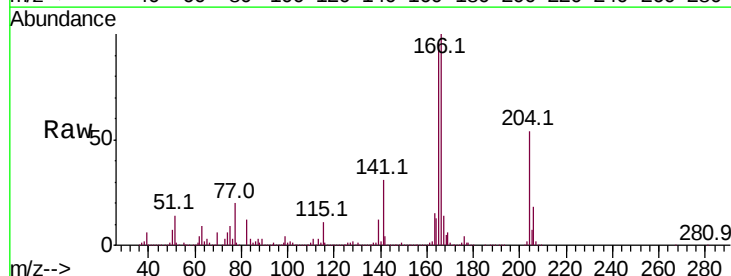
Manual Integrations
 APPROVED

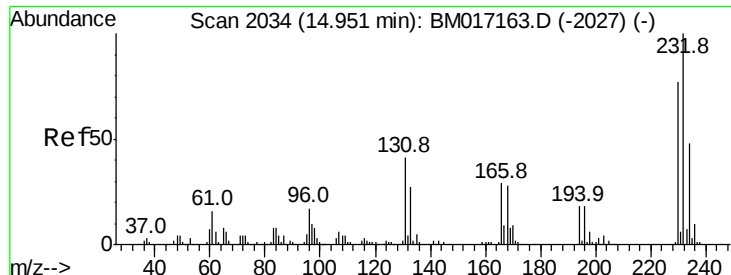
Sohil
 10/29/2018 2:15:07 PM



#58
 Fluorene
 Concen: 52.104 ng
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.02 min
 Lab File: BM017360.D
 Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.0	78.1	117.1
167	13.7	10.6	16.0





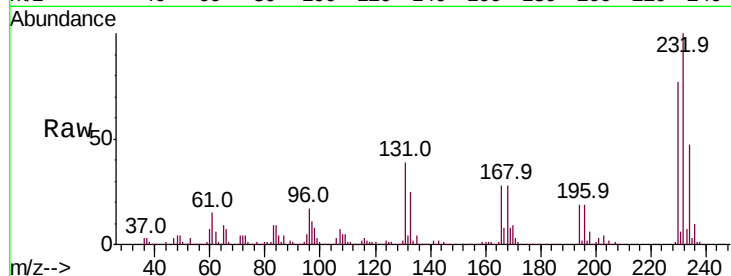
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.188 ng
 RT: 14.93 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BM017360.D
 Acq: 26 Oct 2018 22:22

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

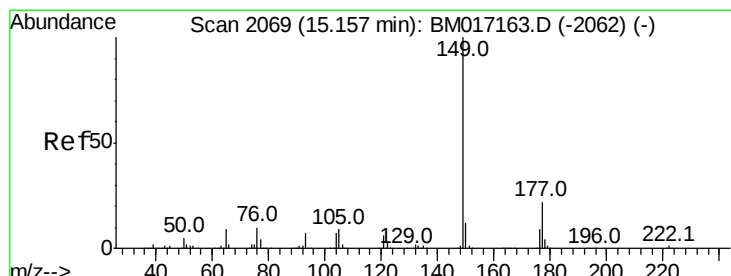
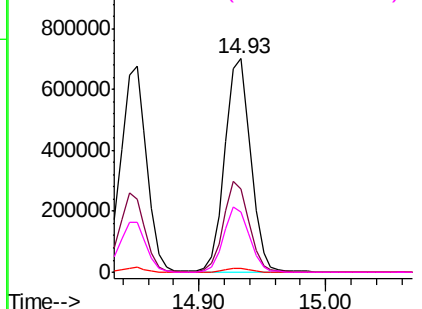
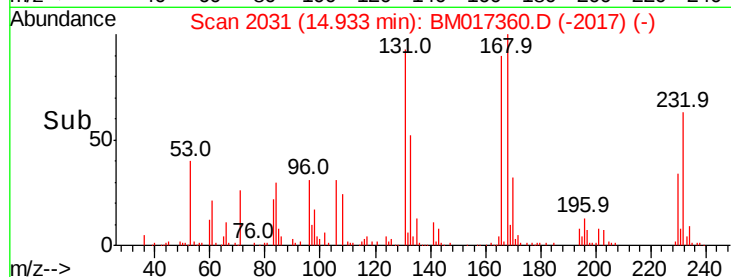
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.0	33.1	49.7
130	2.1	1.7	2.5
166	30.4	24.4	36.6

Manual Integrations
 APPROVED

Sohil
 10/29/2018 2:15:07 PM

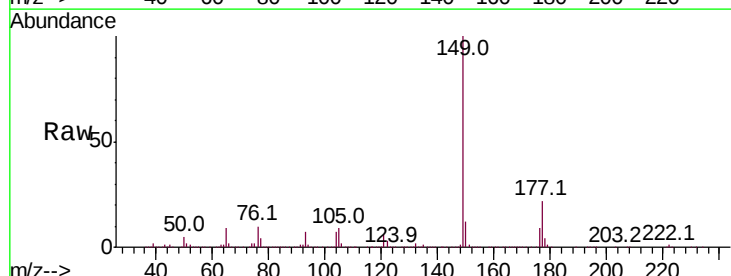


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

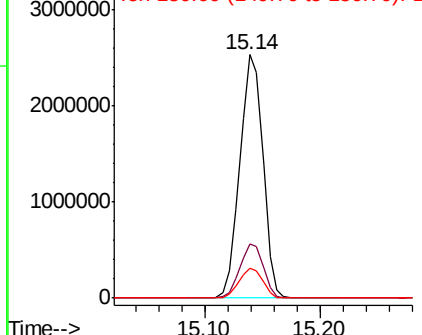
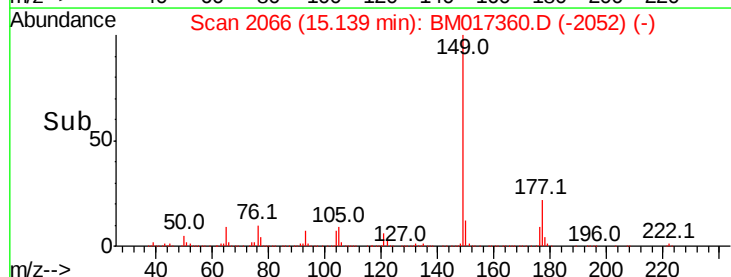


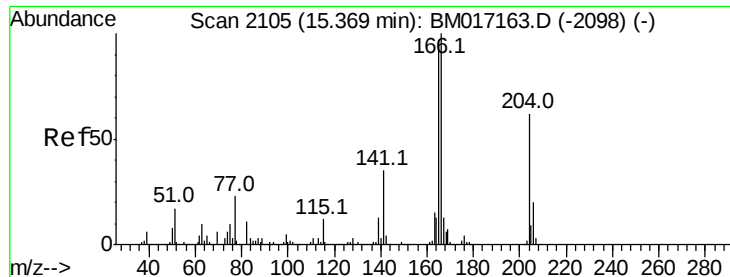
#60
 Diethylphthalate
 Concen: 52.561 ng
 RT: 15.14 min Scan# 2066
 Delta R.T. -0.02 min
 Lab File: BM017360.D
 Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	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





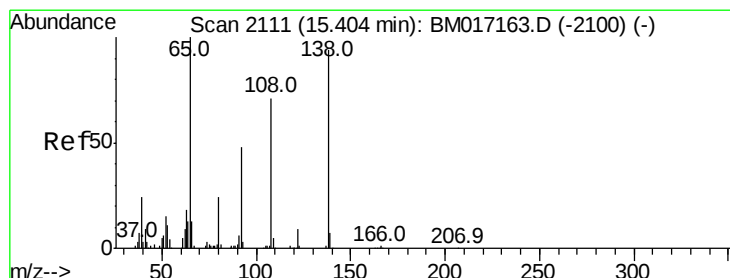
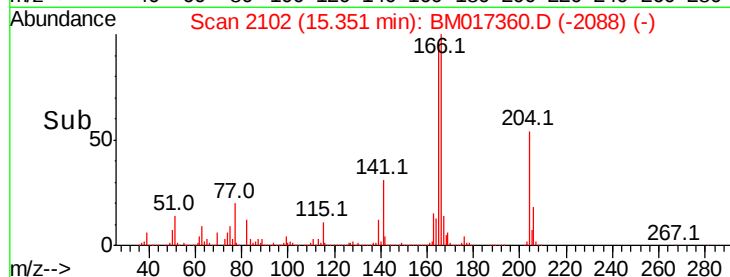
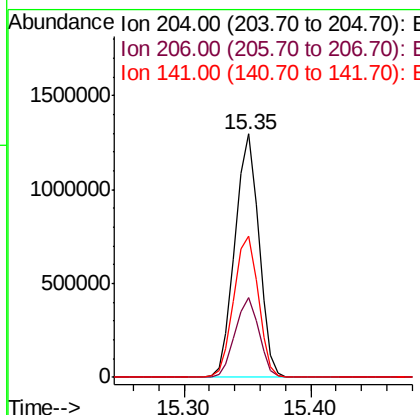
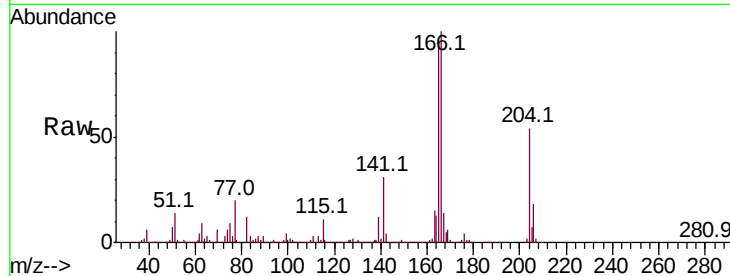
#61
4-Chlorophenyl-phenylether
Concen: 45.770 ng
RT: 15.35 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion:204 Resp: 1687533
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 58.0 45.4 68.2

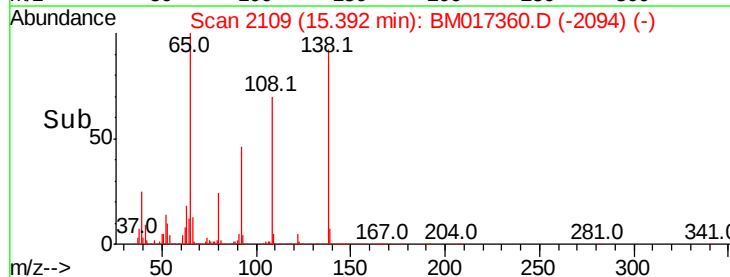
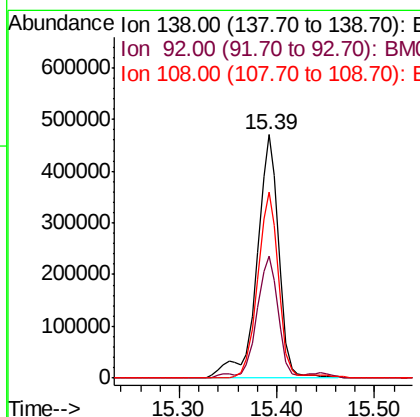
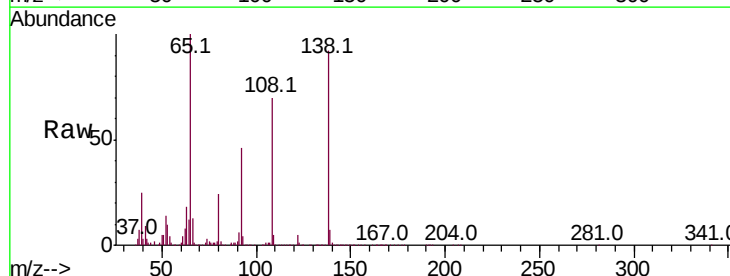
Manual Integrations
APPROVED

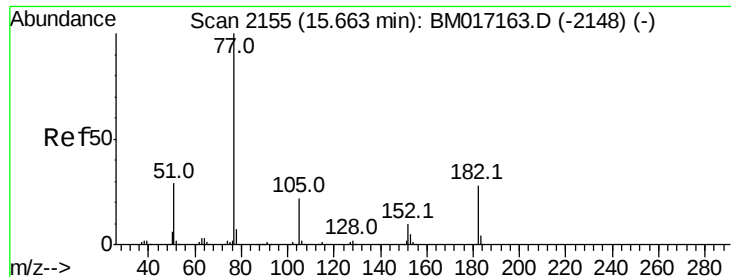
Sohil
10/29/2018 2:15:07 PM



#62
4-Nitroaniline
Concen: 42.412 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion:138 Resp: 748096
Ion Ratio Lower Upper
138 100
92 50.3 31.2 71.2
108 76.5 55.5 95.5





#63

Azobenzene

Concen: 50.304 ng

RT: 15.64 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion: 77 Resp: 3262334

Ion Ratio Lower Upper

77 100

182 28.3 8.3 48.3

105 21.8 1.5 41.5

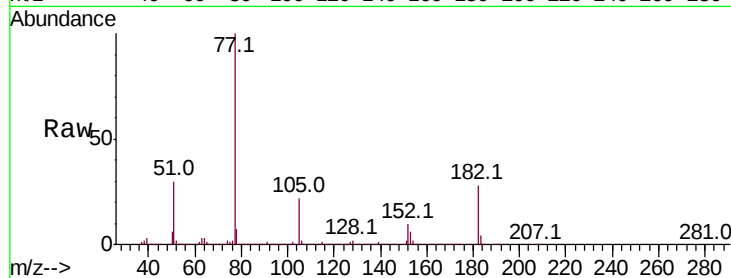
51 29.6 8.8 48.8

Manual Integrations

APPROVED

Sohil

10/29/2018 2:15:07 PM



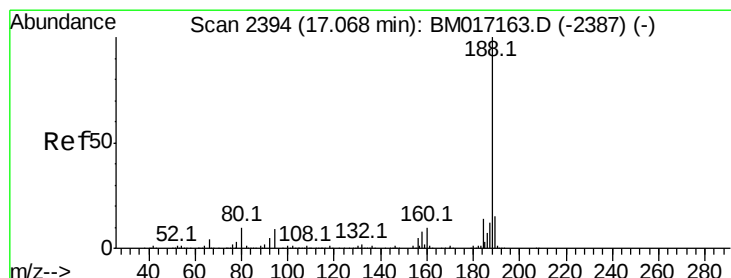
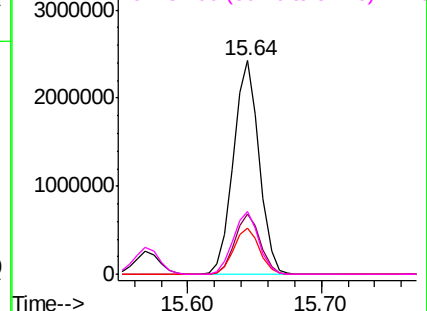
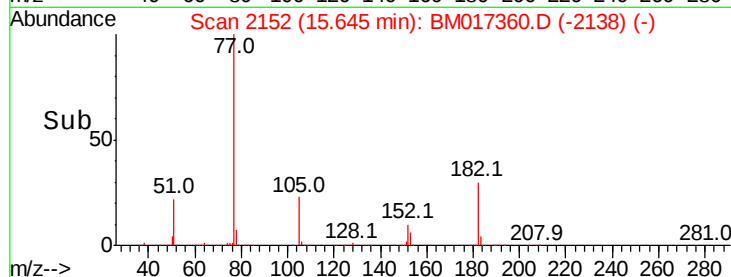
Abundance

Ion 77.00 (76.70 to 77.70): BM017360.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017360.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017360.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017360.D (-2148) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

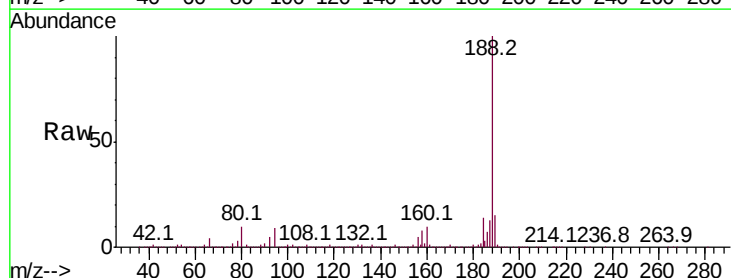
Tgt Ion: 188 Resp: 2116636

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

80 10.1 7.7 11.5

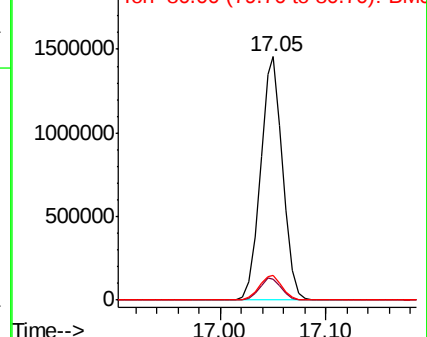
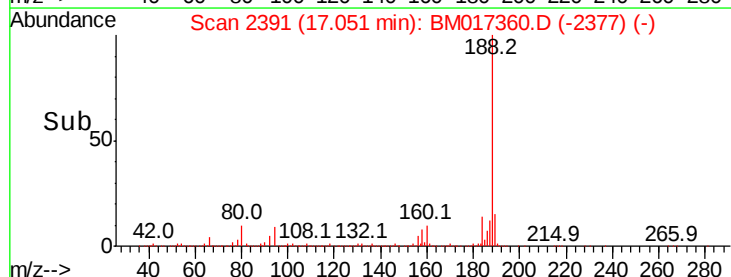


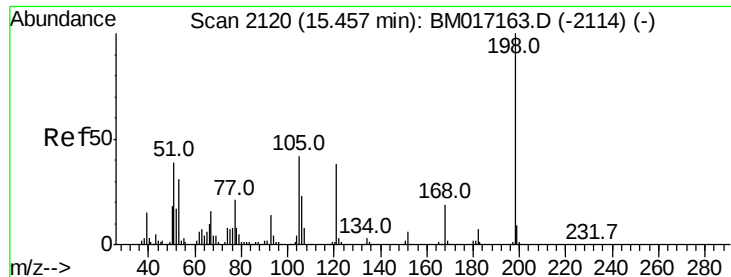
Abundance

Ion 188.00 (187.70 to 188.70): BM017360.D (-2387) (-)

Ion 94.00 (93.70 to 94.70): BM017360.D (-2387) (-)

Ion 80.00 (79.70 to 80.70): BM017360.D (-2387) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 46.876 ng

RT: 15.44 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:198 Resp: 634533

Ion Ratio Lower Upper

198 100

51 42.7 20.3 60.3

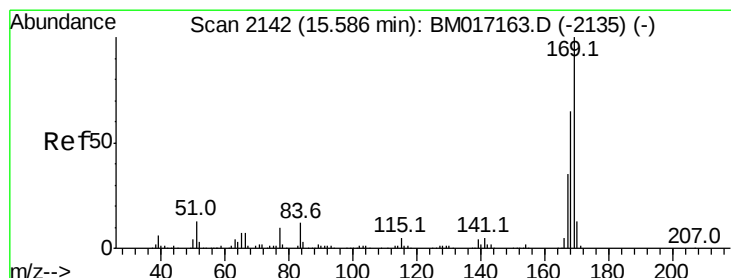
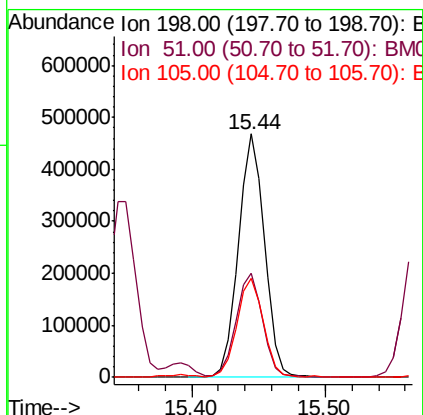
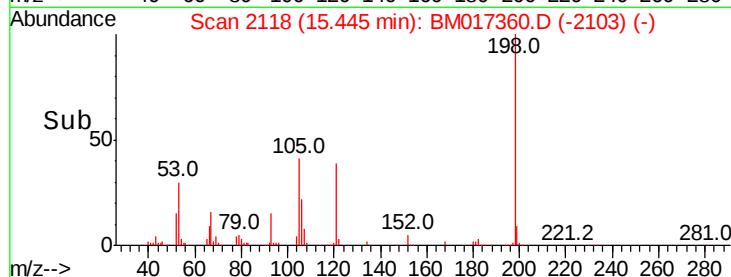
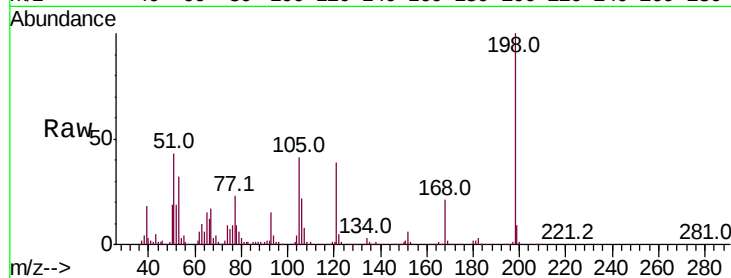
105 40.8 21.9 61.9

Manual Integrations

APPROVED

Sohil

10/29/2018 2:15:07 PM



#66

n-Nitrosodiphenylamine

Concen: 47.576 ng

RT: 15.57 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

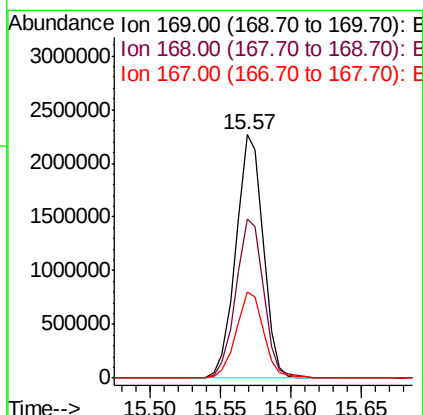
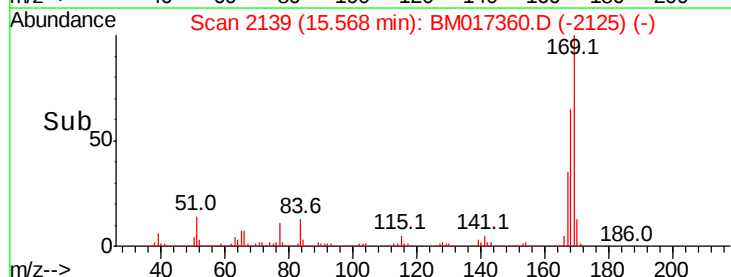
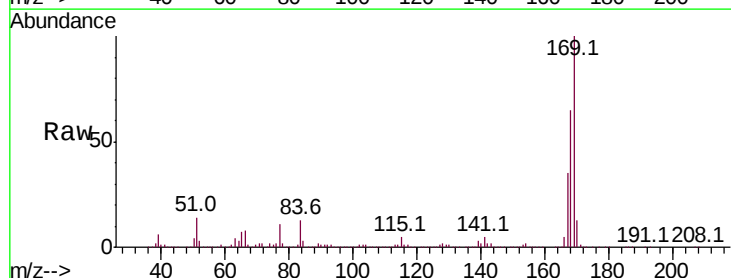
Tgt Ion:169 Resp: 3046684

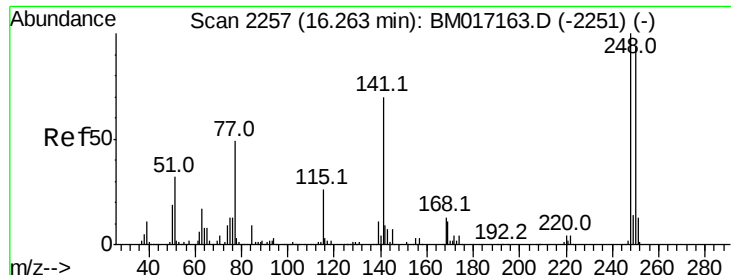
Ion Ratio Lower Upper

169 100

168 65.4 52.2 78.4

167 35.4 28.4 42.6





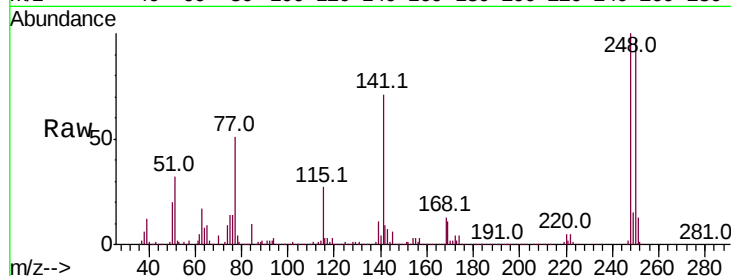
#67
4-Bromophenyl-phenylether
Concen: 48.469 ng
RT: 16.24 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

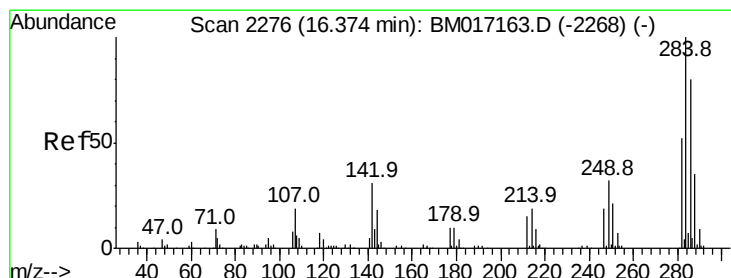
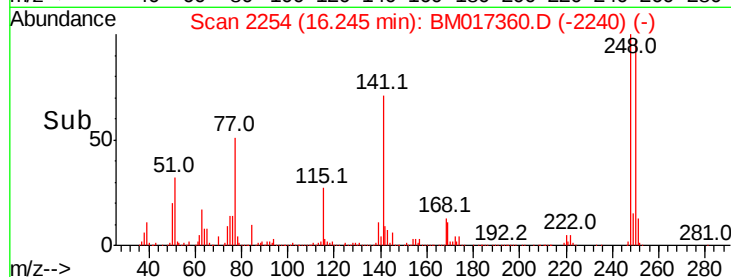
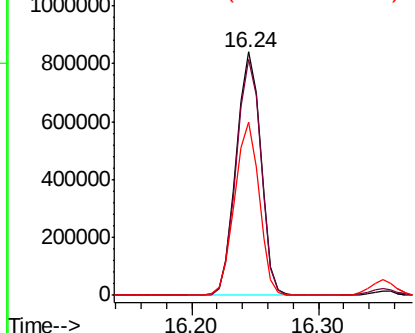
Tot Ion:248 Resp: 1126464
Ion Ratio Lower Upper
248 100
250 97.2 75.1 112.7
141 70.9 55.6 83.4

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 PM

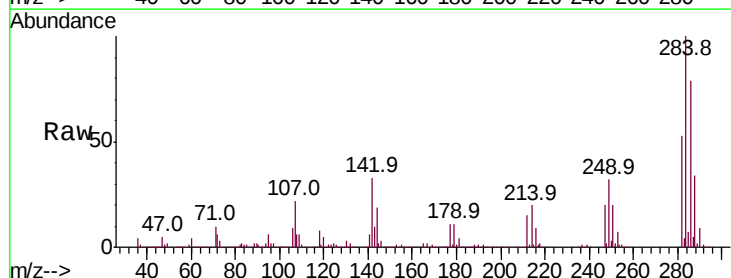


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

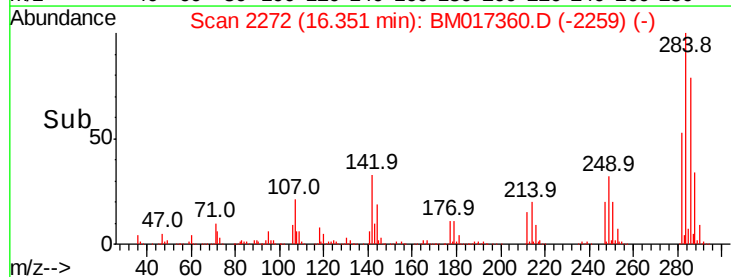
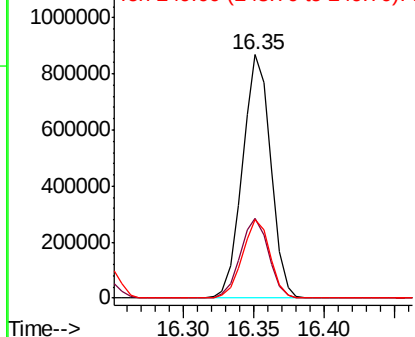


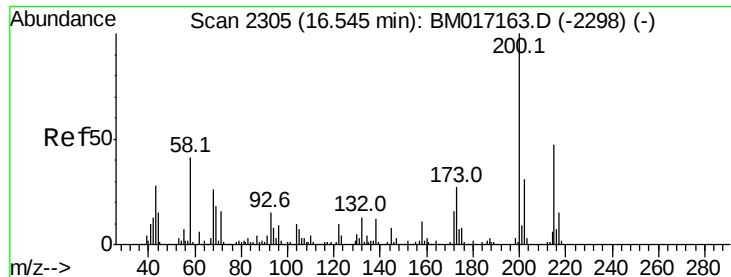
#68
Hexachlorobenzene
Concen: 44.951 ng
RT: 16.35 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion:284 Resp: 1213518
Ion Ratio Lower Upper
284 100
142 32.8 25.0 37.6
249 32.3 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





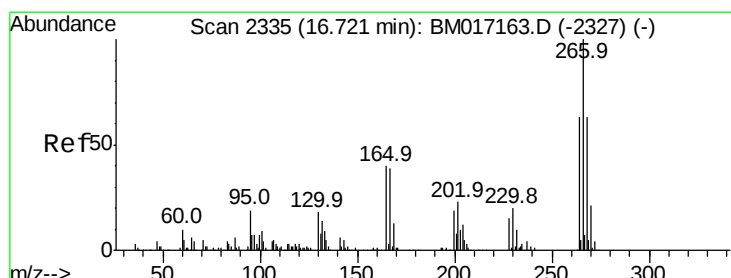
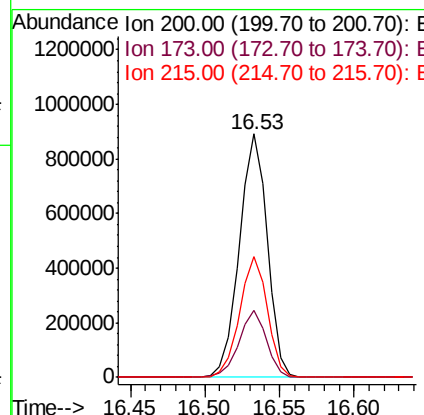
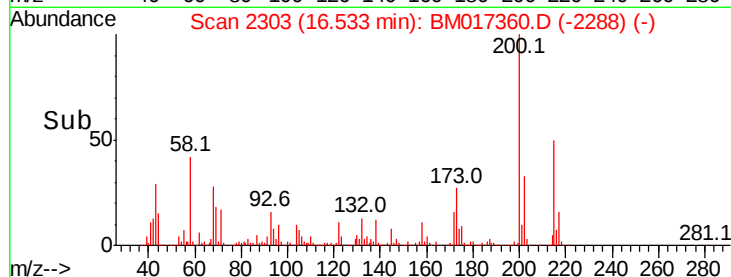
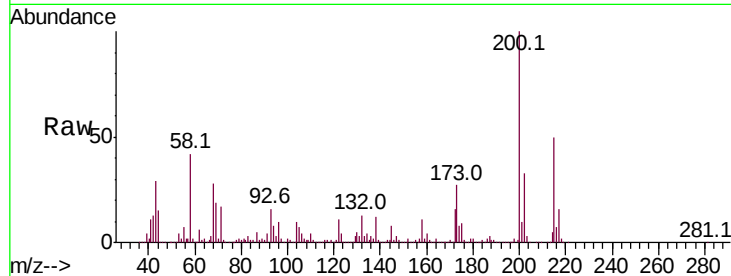
#69
Atrazine
Concen: 50.814 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.0	47.0
215	49.6	27.3	67.3

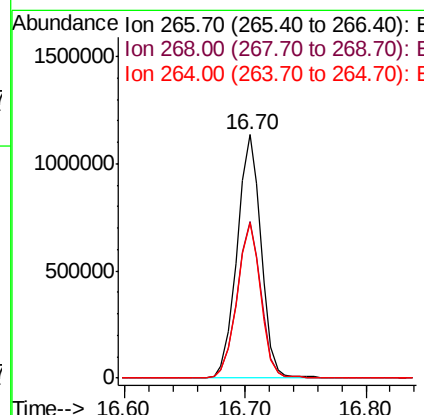
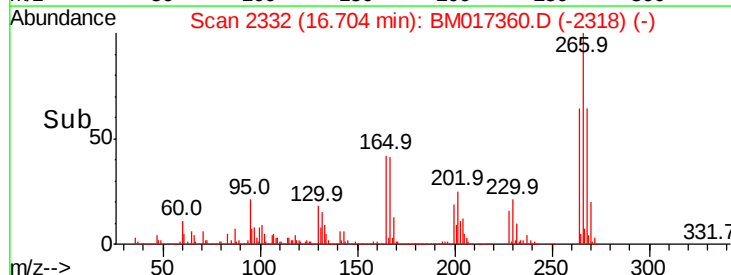
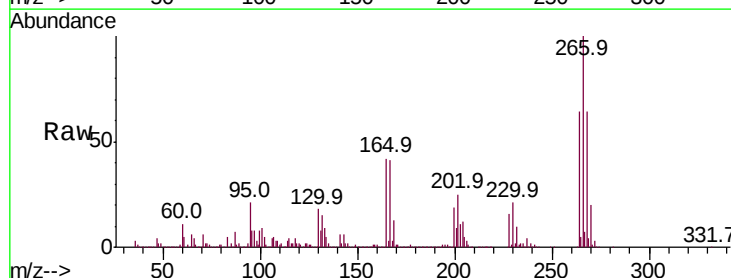
Manual Integrations
APPROVED

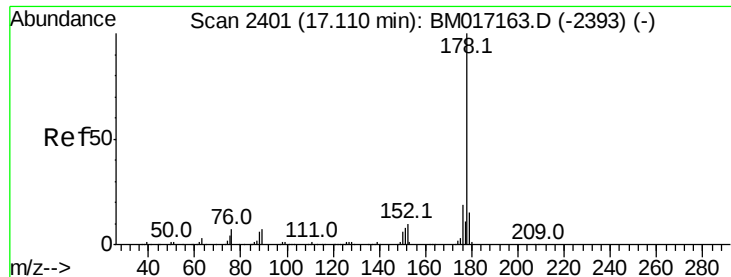
Sohil
10/29/2018 2:15:07 PM



#70
Pentachlorophenol
Concen: 85.213 ng
RT: 16.70 min Scan# 2332
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.7	76.1
264	63.6	50.4	75.6





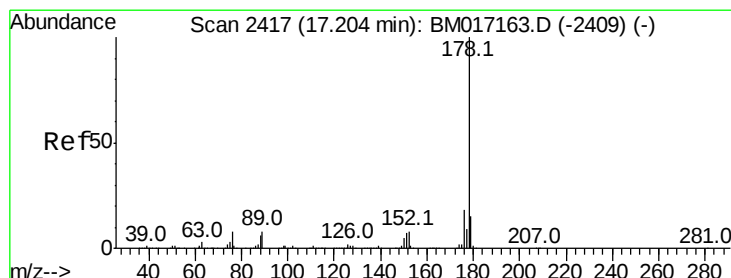
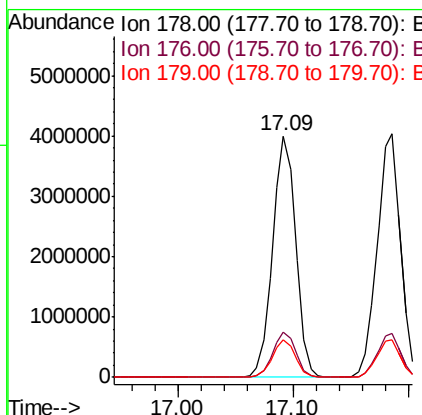
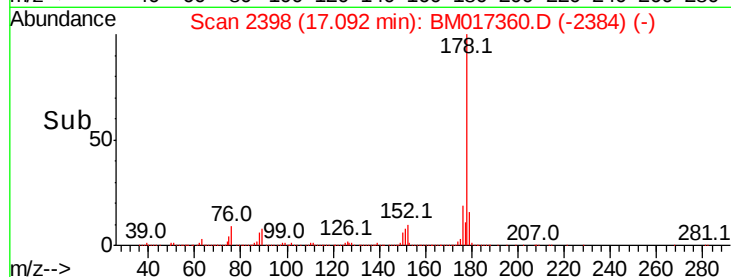
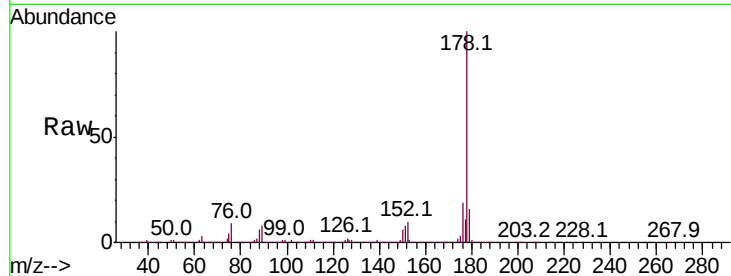
#71
Phenanthrene
Concen: 48.808 ng
RT: 17.09 min Scan# 2398
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion:178 Resp: 5573825
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.6 12.3 18.5

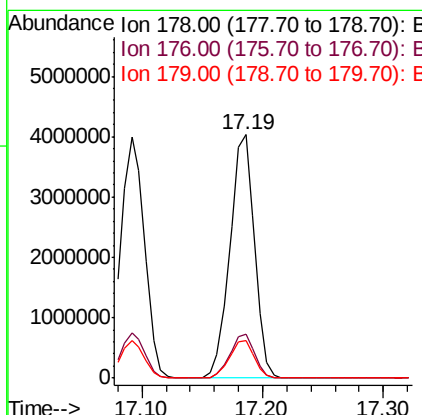
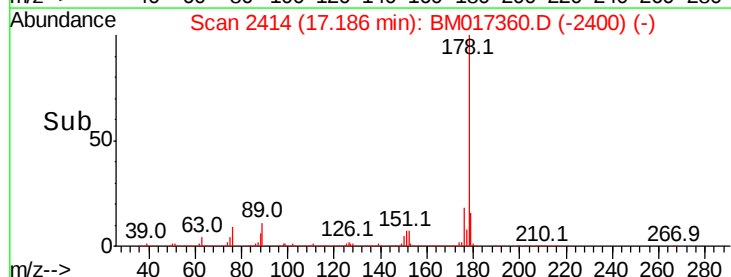
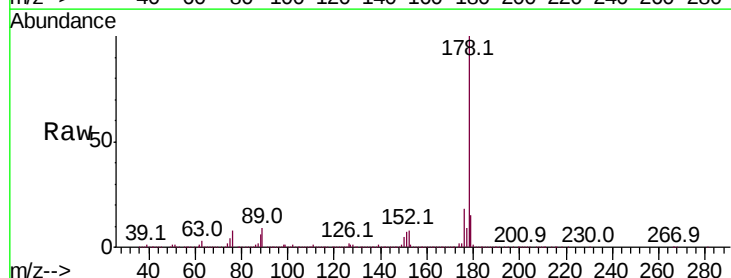
Manual Integrations
APPROVED

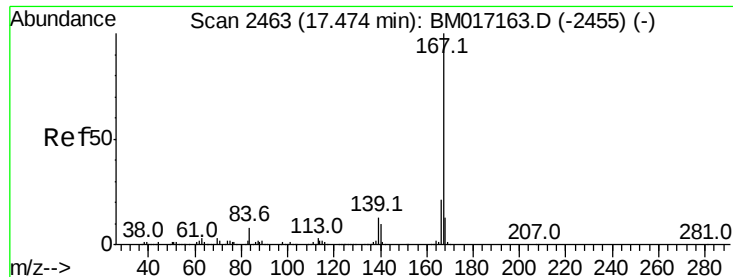
Sohil
10/29/2018 2:15:07 PM



#72
Anthracene
Concen: 52.514 ng
RT: 17.19 min Scan# 2414
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion:178 Resp: 5698255
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.3 12.2 18.2





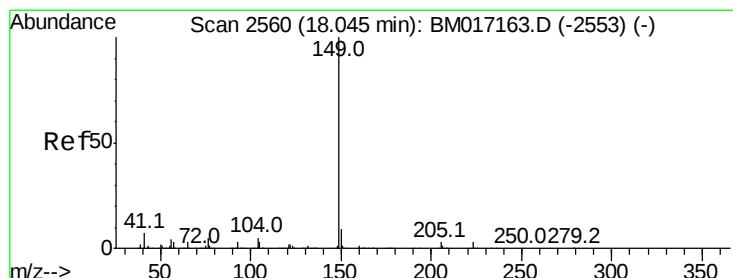
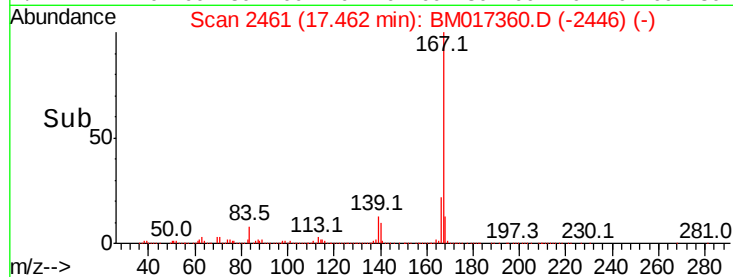
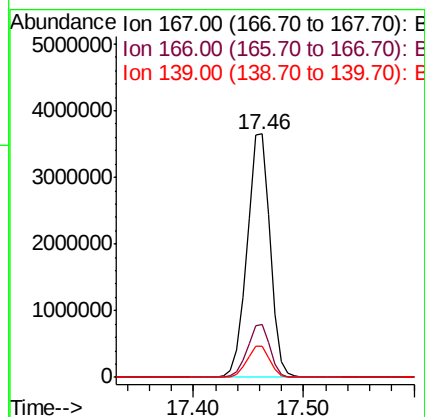
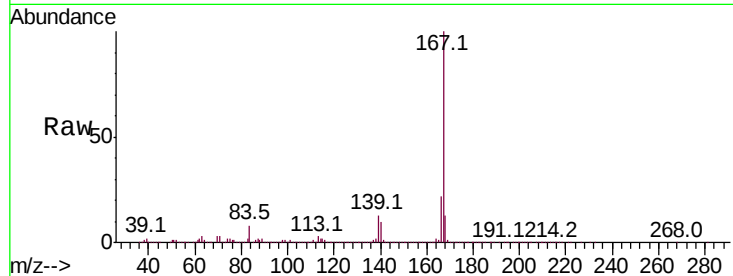
#73
 Carbazole
 Concen: 48.292 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM017360.D
 Acq: 26 Oct 2018 22:22

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.5	10.1	15.1

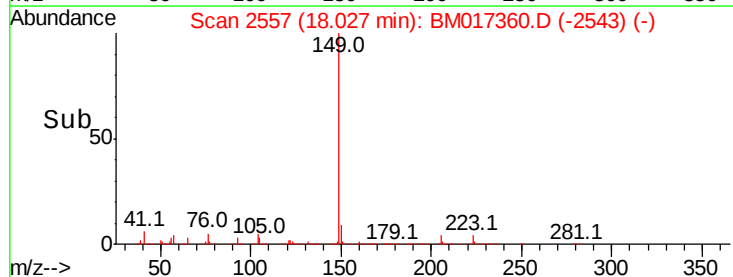
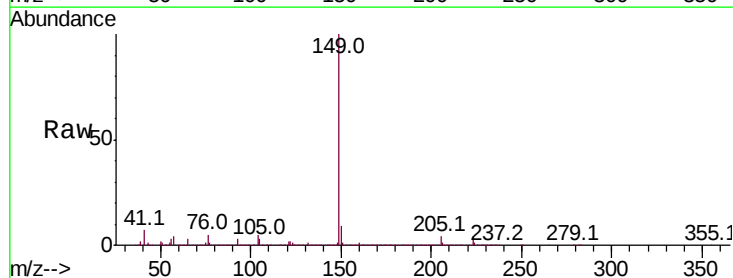
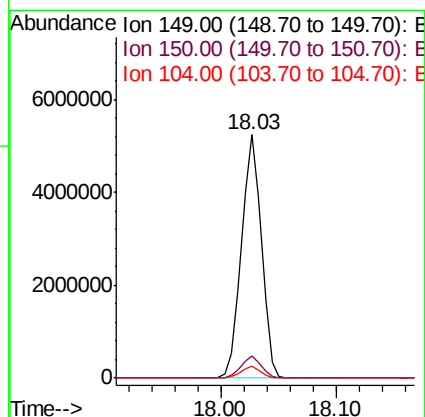
Manual Integrations
 APPROVED

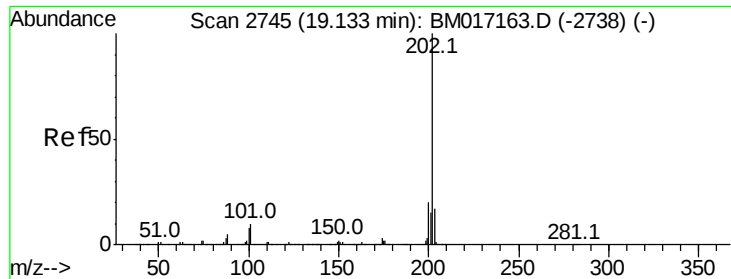
Sohil
 10/29/2018 2:15:07 PM



#74
 Di-n-butylphthalate
 Concen: 53.580 ng
 RT: 18.03 min Scan# 2557
 Delta R.T. -0.02 min
 Lab File: BM017360.D
 Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 52.527 ng

RT: 19.12 min Scan# 2742

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:202 Resp: 6749929

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.0

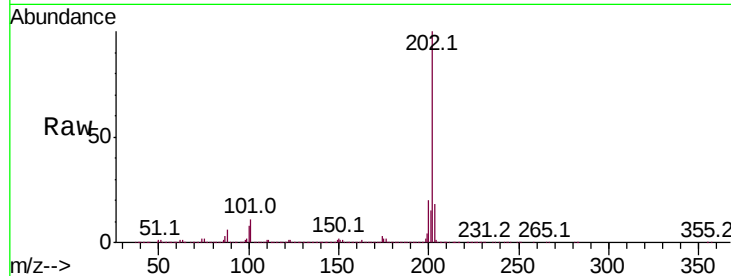
203 17.6 0.0 37.2

Manual Integrations

APPROVED

Sohil

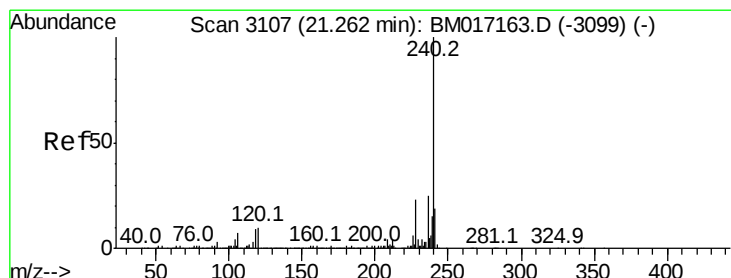
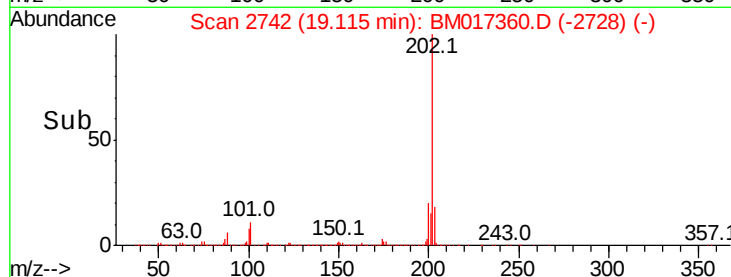
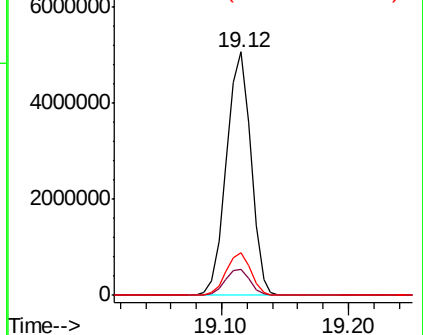
10/29/2018 2:15:07 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Tgt Ion:240 Resp: 2525326

Ion Ratio Lower Upper

240 100

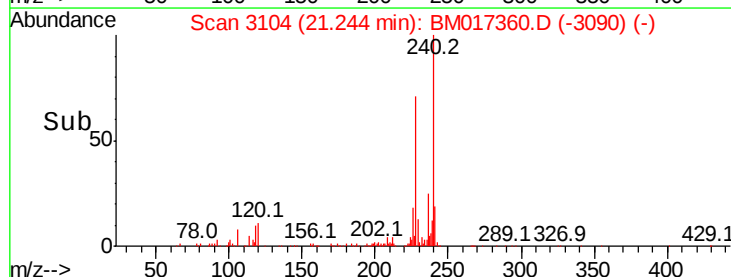
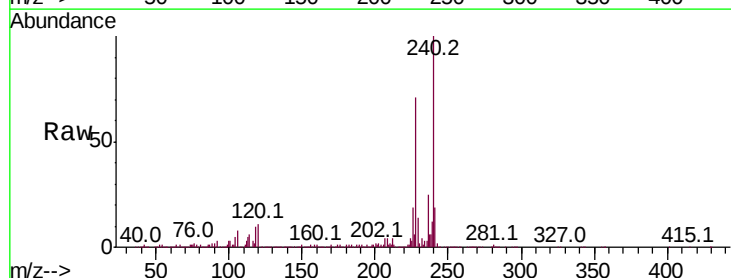
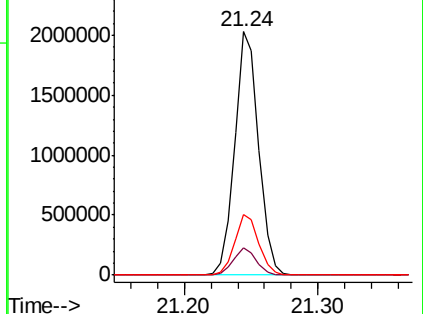
120 11.2 8.1 12.1

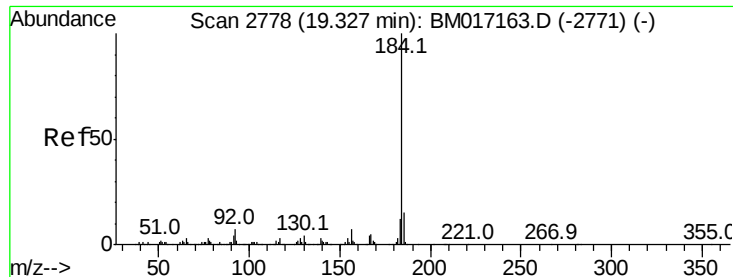
236 25.1 19.9 29.9

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.061 ng

RT: 19.31 min Scan# 2775

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:184 Resp: 1796816

Ion Ratio Lower Upper

184 100

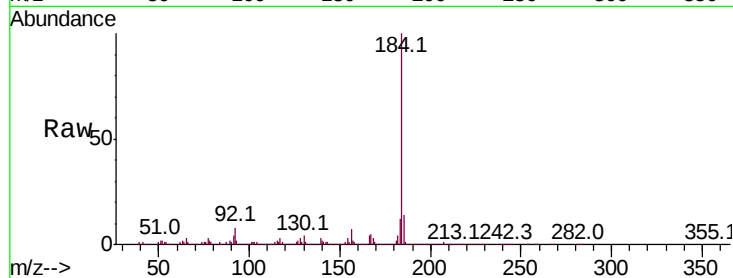
185 14.0 11.8 17.8

183 11.7 9.7 14.5

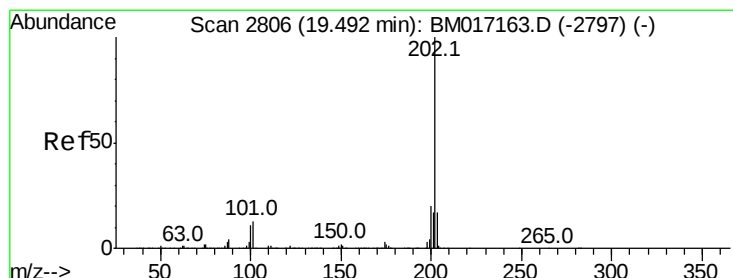
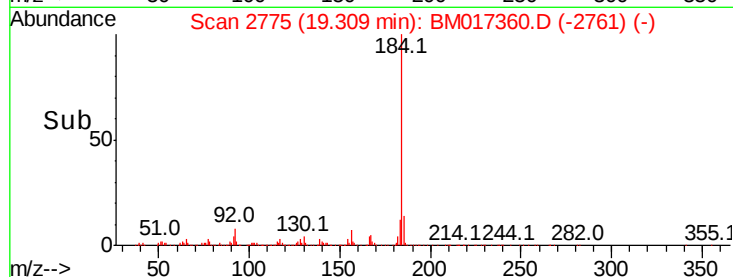
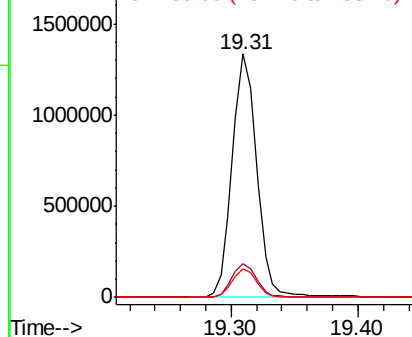
Manual Integrations
APPROVED

Sohil

10/29/2018 2:15:07 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: 48.689 ng

RT: 19.48 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

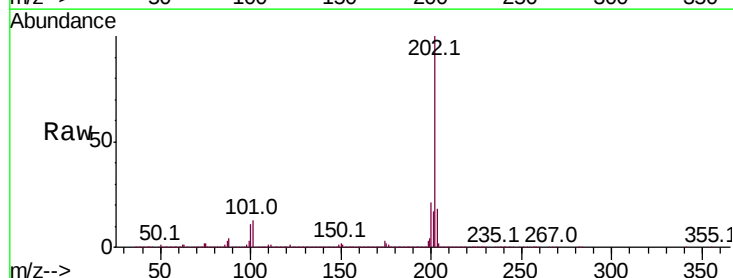
Tgt Ion:202 Resp: 6872052

Ion Ratio Lower Upper

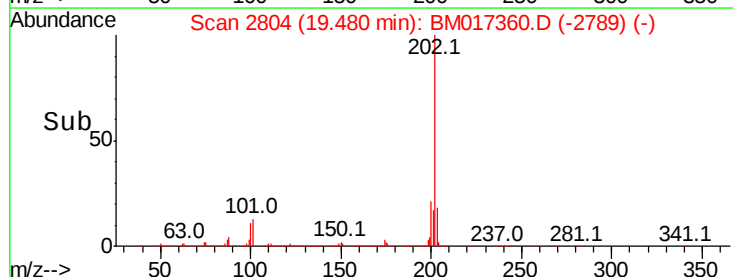
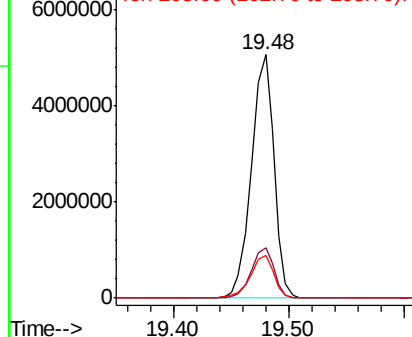
202 100

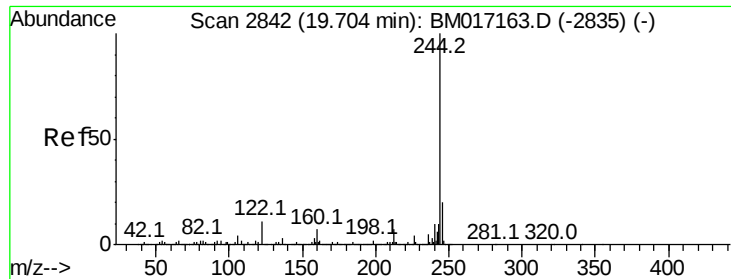
200 20.9 16.3 24.5

203 17.7 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





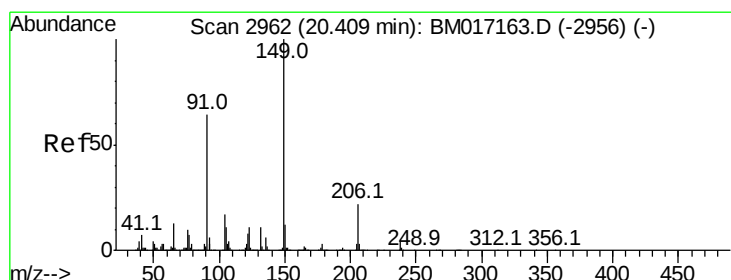
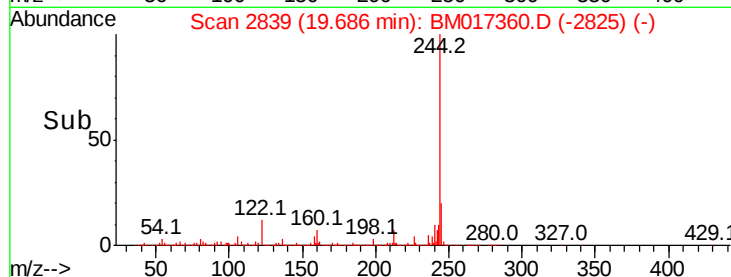
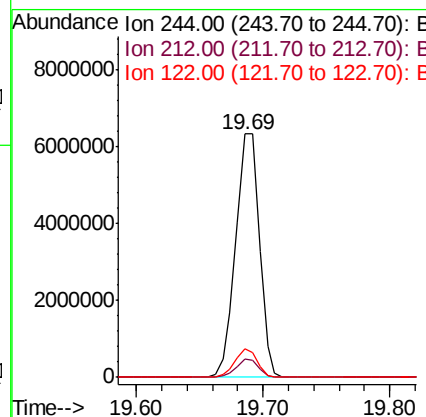
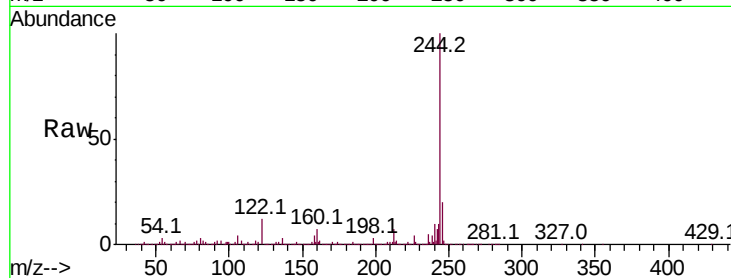
#79
 Terphenyl-d14
 Concen: 73.355 ng
 RT: 19.69 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BM017360.D
 Acq: 26 Oct 2018 22:22

Instrument :
 BNA_M
 ClientSampleId :
 RBR-200030MS

Tot Ion:244 Resp: 8218547
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 11.9 8.4 12.6

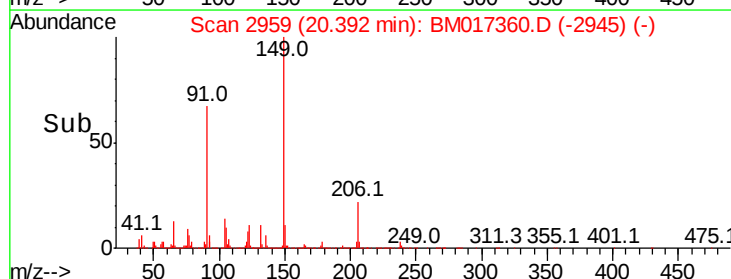
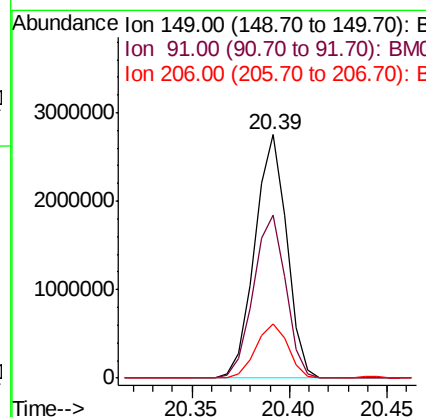
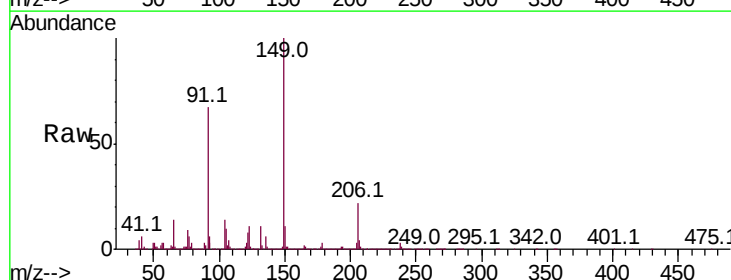
Manual Integrations
 APPROVED

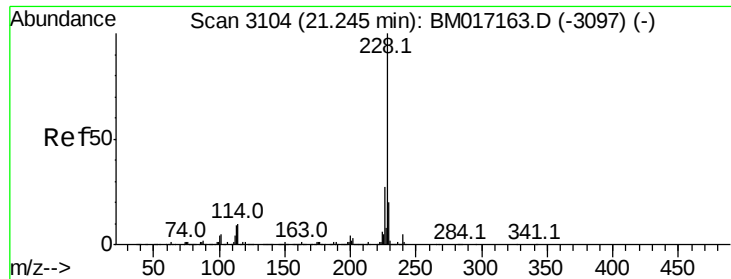
Sohil
 10/29/2018 2:15:07 PM



#80
 Butylbenzylphthalate
 Concen: 56.513 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017360.D
 Acq: 26 Oct 2018 22:22

Tgt Ion:149 Resp: 3115615
 Ion Ratio Lower Upper
 149 100
 91 67.1 51.3 76.9
 206 22.3 18.0 27.0





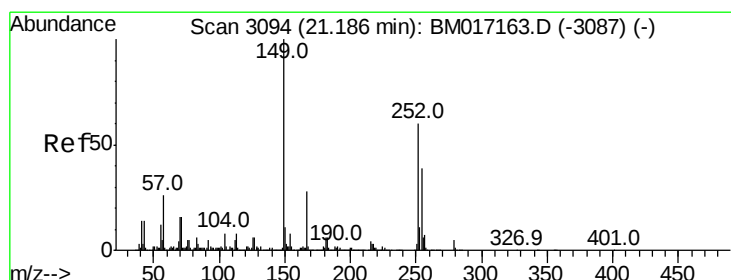
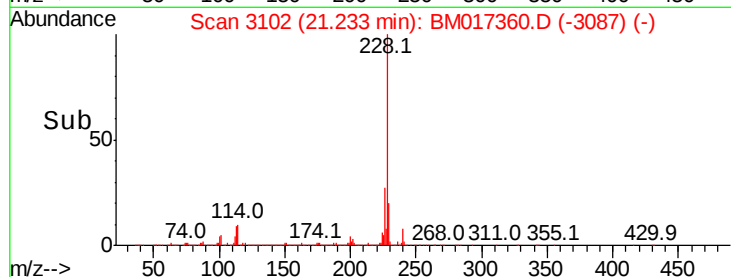
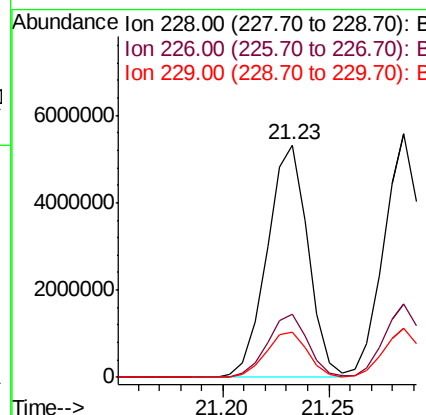
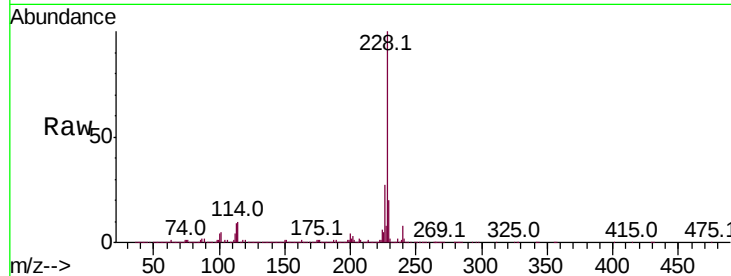
#81
Benzo(a)anthracene
Concen: 50.231 ng
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Instrument :
BNA_M
ClientSampleId :
RBR-200030MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.0
229	19.6	15.9	23.9

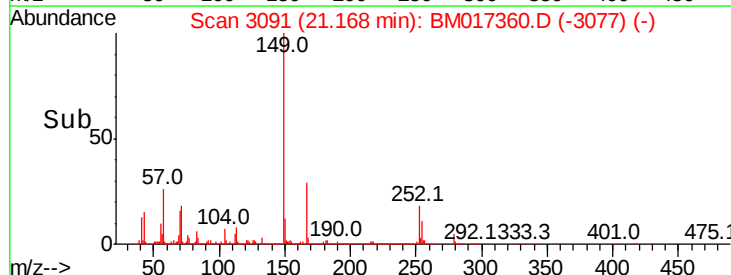
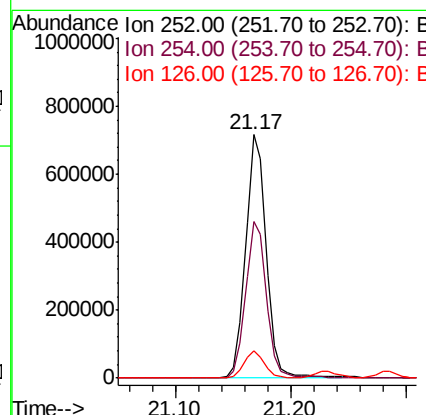
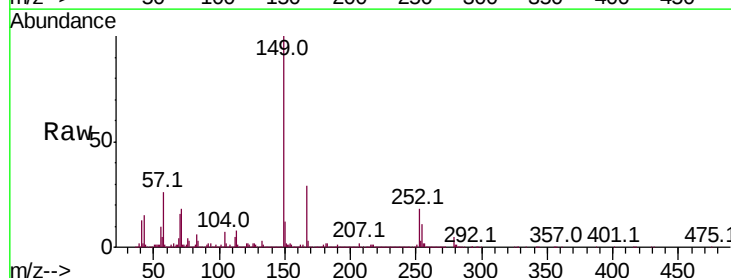
Manual Integrations
APPROVED

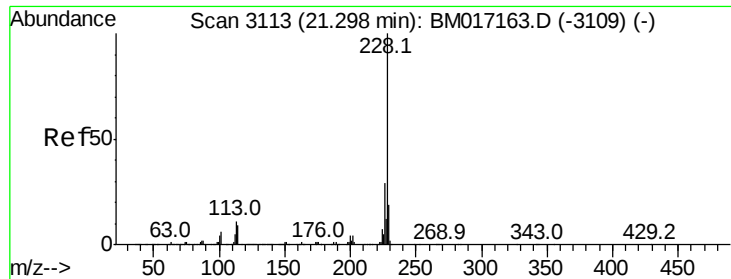
Sohil
10/29/2018 2:15:07 PM



#82
3,3'-Dichlorobenzidine
Concen: 16.689 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BM017360.D
Acq: 26 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.1	78.1
126	11.0	8.6	12.8





#83

Chrysene

Concen: 47.929 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:228 Resp: 6741768

Ion Ratio Lower Upper

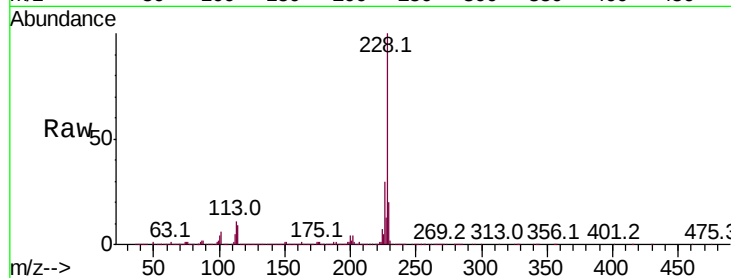
228 100

226 30.0 23.3 34.9

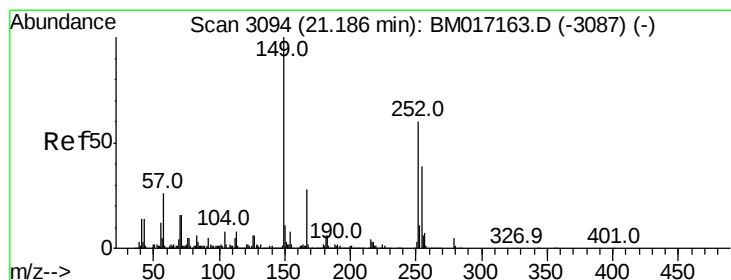
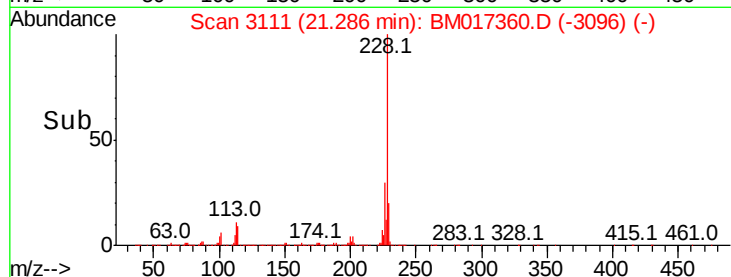
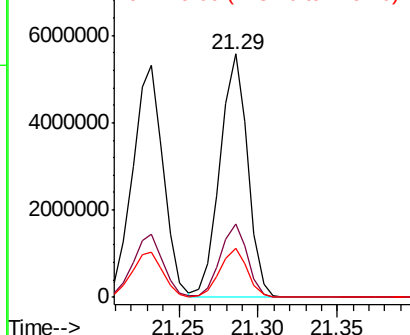
229 20.0 15.6 23.4

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 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



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.579 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

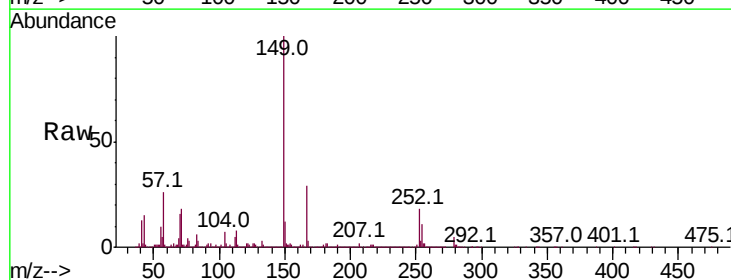
Tgt Ion:149 Resp: 4459821

Ion Ratio Lower Upper

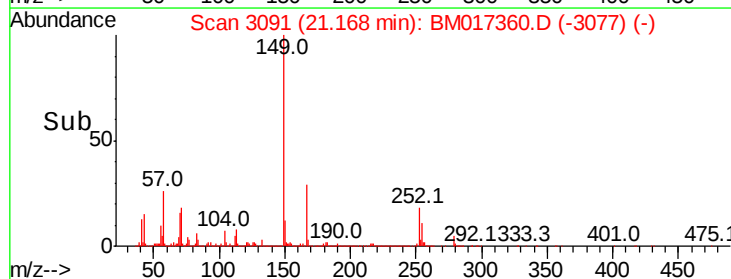
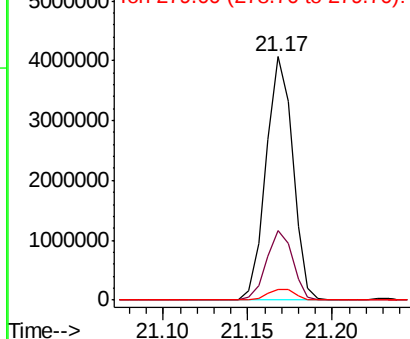
149 100

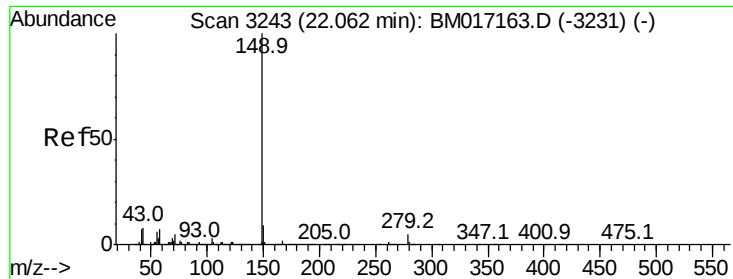
167 28.7 22.2 33.4

279 4.6 3.6 5.4



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





#85

Di-n-octyl phthalate

Concen: 55.274 ng

RT: 22.04 min Scan# 3240

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:149 Resp: 7827932

Ion Ratio Lower Upper

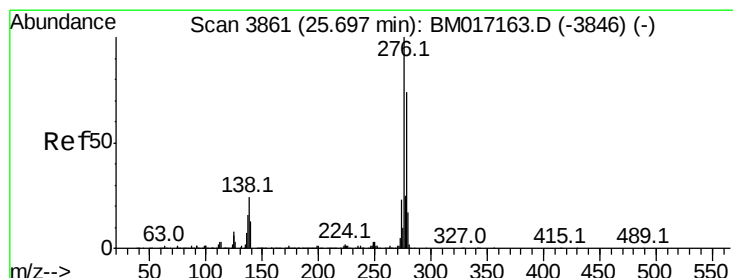
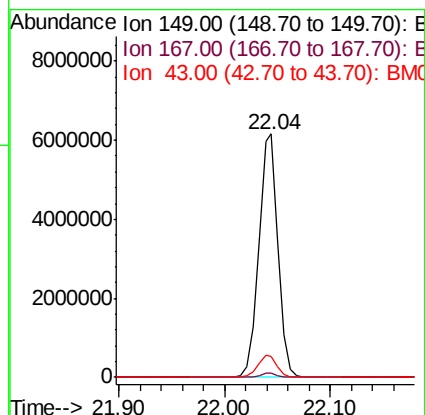
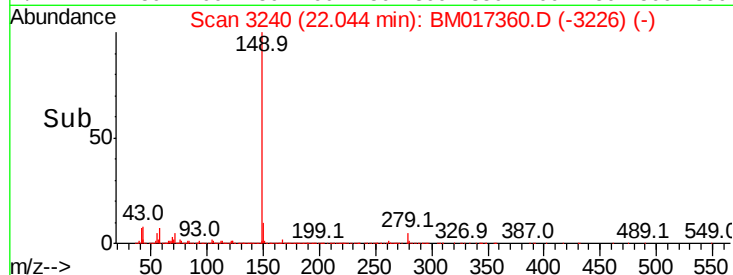
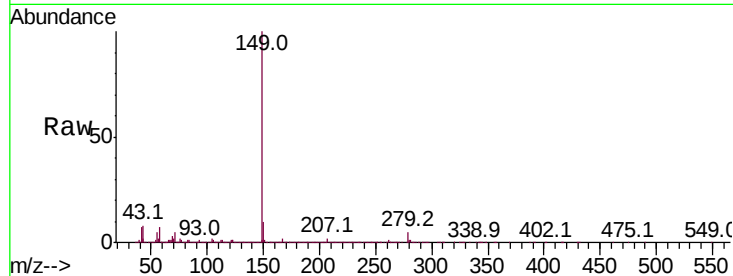
149 100

167 1.6 1.4 2.0

43 8.9 7.2 10.8

Manual Integrations
APPROVED

Sohil
10/29/2018 2:15:07 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.696 ng

RT: 25.67 min Scan# 3856

Delta R.T. -0.03 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

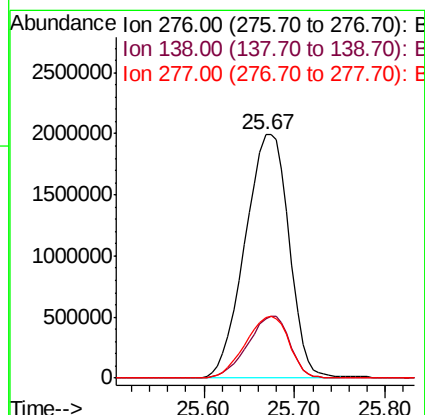
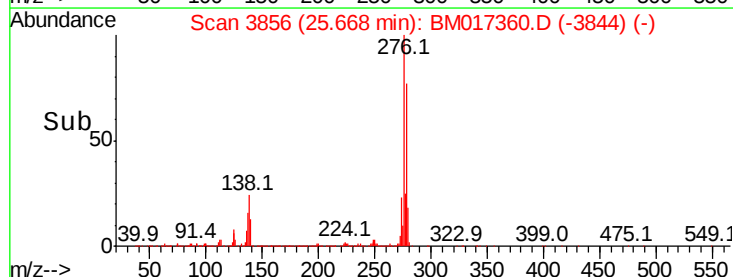
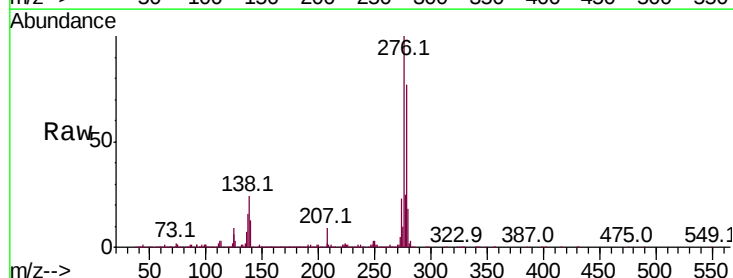
Tgt Ion:276 Resp: 6717288

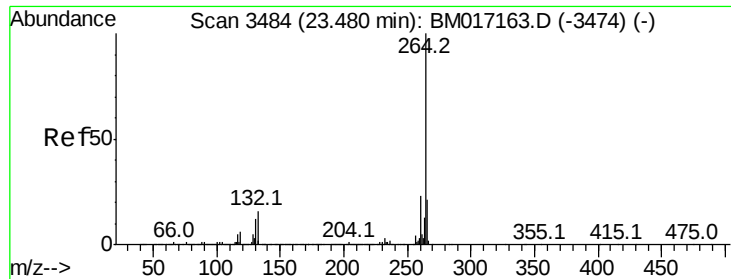
Ion Ratio Lower Upper

276 100

138 24.2 19.5 29.3

277 25.2 20.1 30.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.45 min Scan# 3479

Delta R.T. -0.03 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:264 Resp: 2482807

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

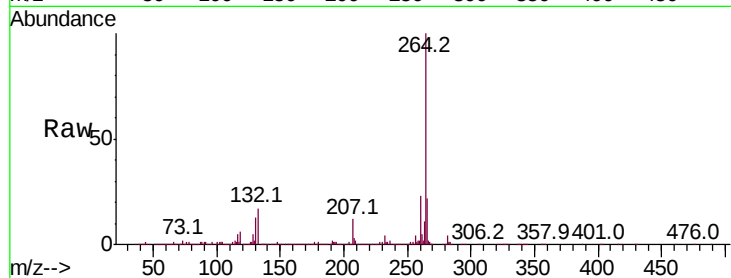
265 21.6 17.8 26.8

Manual Integrations

APPROVED

Sohil

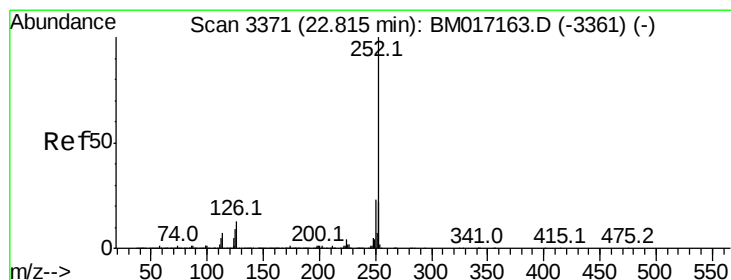
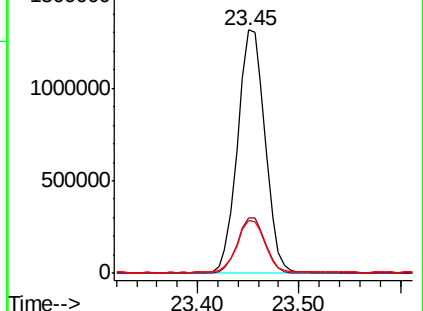
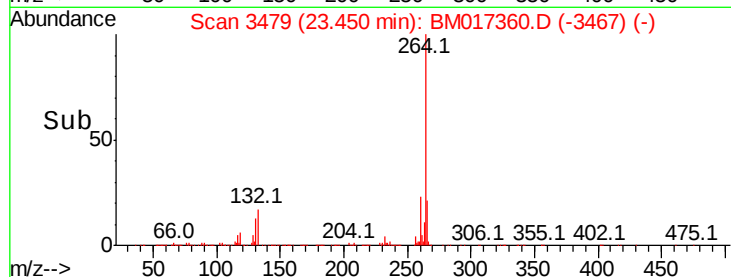
10/29/2018 2:15:07 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.347 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

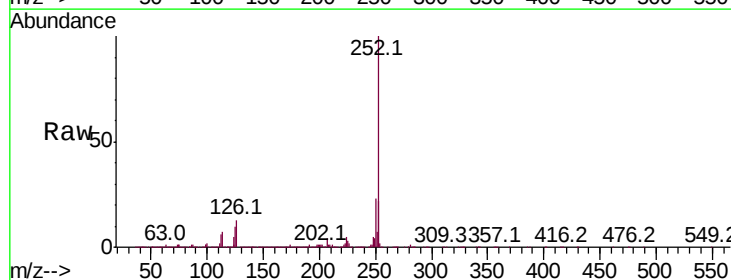
Tgt Ion:252 Resp: 7241524

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

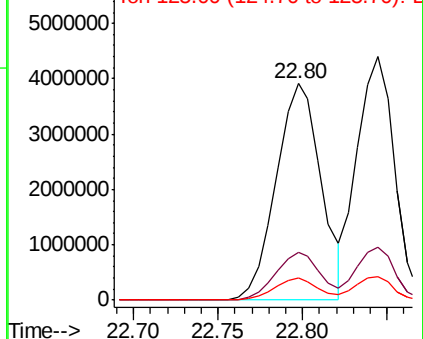
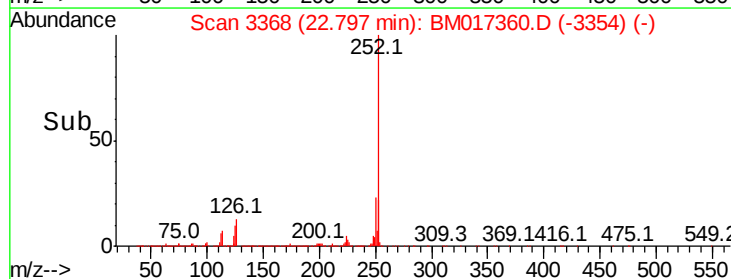
125 10.1 7.5 11.3

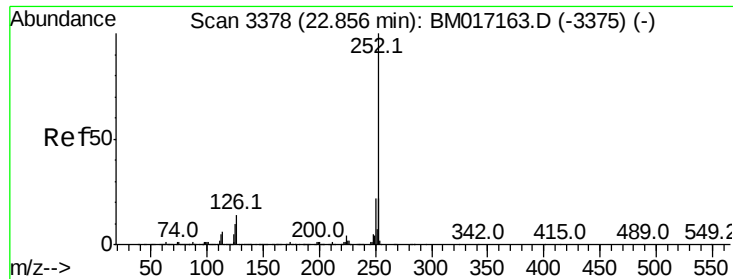


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.581 ng

RT: 22.84 min Scan# 3376

Delta R.T. -0.01 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:252 Resp: 6753396

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

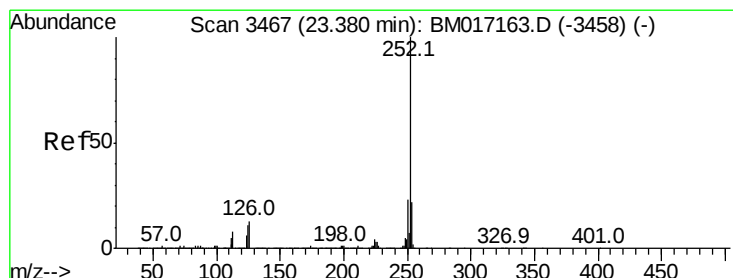
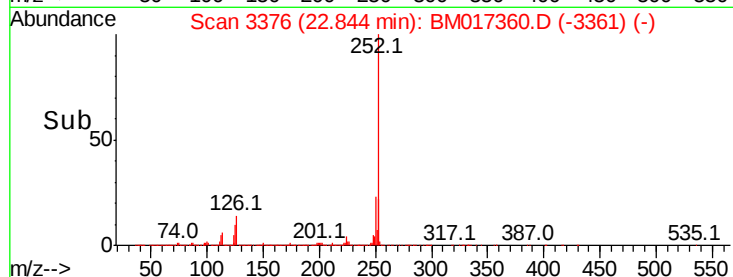
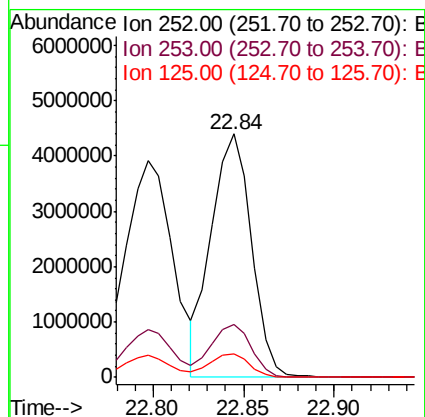
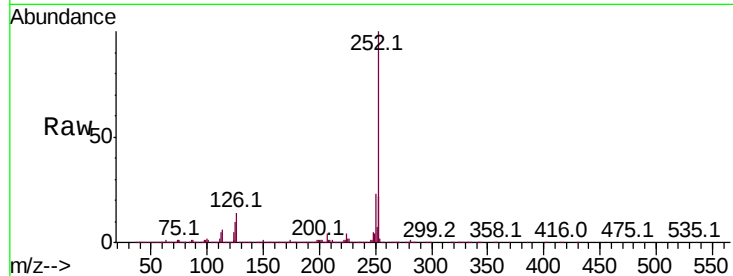
125 9.8 8.2 12.2

Manual Integrations

APPROVED

Sohil

10/29/2018 2:15:07 PM



#90

Benzo(a)pyrene

Concen: 51.527 ng

RT: 23.36 min Scan# 3464

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

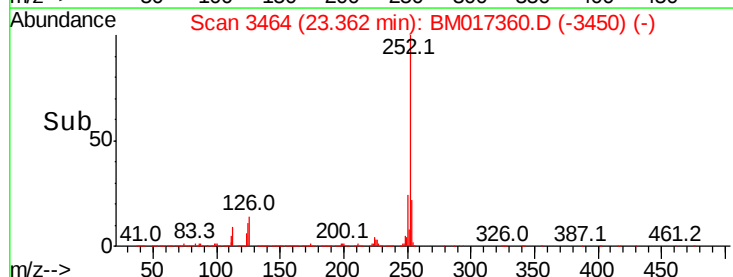
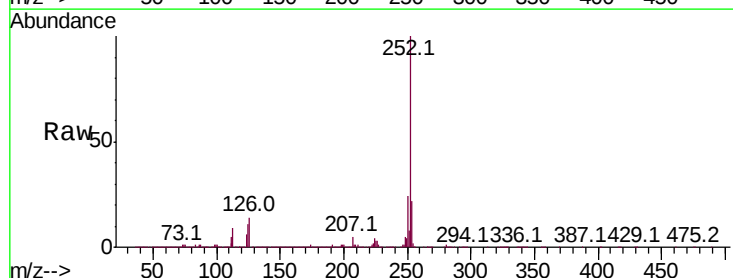
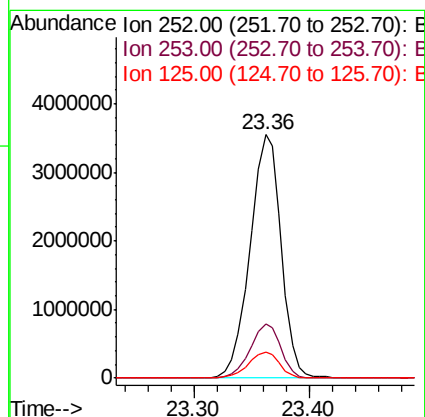
Tgt Ion:252 Resp: 6641016

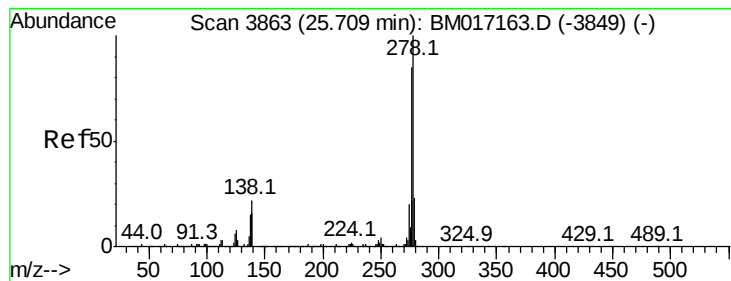
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 45.008 ng

RT: 25.69 min Scan# 3859

Delta R.T. -0.02 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

Instrument :

BNA_M

ClientSampleId :

RBR-200030MS

Tot Ion:278 Resp: 5759988

Ion Ratio Lower Upper

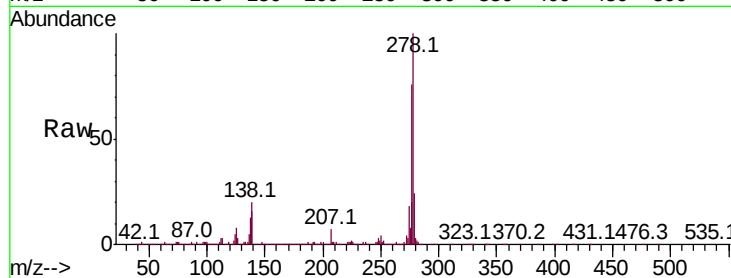
278 100

139 15.6 12.7 19.1

279 23.6 18.7 28.1

Manual Integrations
APPROVED

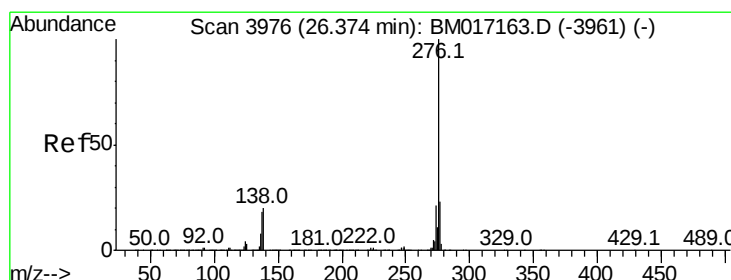
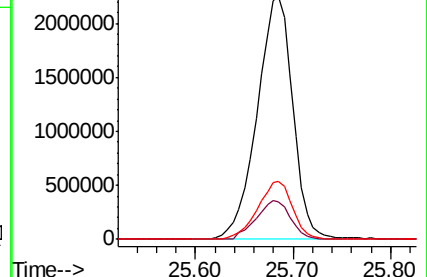
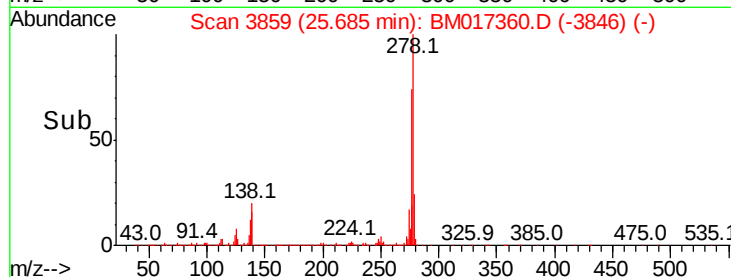
Sohil
10/29/2018 2:15:07 PM



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: 41.638 ng

RT: 26.34 min Scan# 3971

Delta R.T. -0.03 min

Lab File: BM017360.D

Acq: 26 Oct 2018 22:22

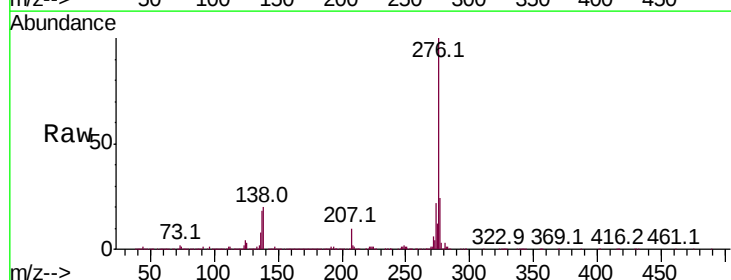
Tgt Ion:276 Resp: 5281440

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 20.5 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

