

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
 Data File : BM018951.D
 Acq On : 27 Feb 2019 16:08
 Operator : JU/SJ
 Sample : PB117415BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117415BS

Manual Integrations
 APPROVED

Sohil
 2/28/2019 1:33:23 PM

Quant Time: Feb 28 03:35:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	221123	20.00	ng	-0.02
21) Naphthalene-d8	10.48	136	959421	20.00	ng	-0.02
39) Acenaphthene-d10	14.34	164	555785	20.00	ng	-0.02
64) Phenanthrene-d10	17.10	188	1219709	20.00	ng	-0.02
76) Chrysene-d12	21.30	240	1387232	20.00	ng	-0.01
87) Perylene-d12	23.54	264	1225306	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2049695	151.88	ng	-0.02
7) Phenol-d6	6.87	99	2982165	156.86	ng	-0.01
23) Nitrobenzene-d5	8.86	82	1893741	91.27	ng	-0.02
42) 2,4,6-Tribromophenol	15.84	330	1147889	143.28	ng	-0.02
45) 2-Fluorobiphenyl	12.96	172	3797127	90.69	ng	-0.02
79) Terphenyl-d14	19.73	244	6239890	92.79	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.24	88	178397	30.350 ng	98
3) Pyridine	3.63	79	573496	35.769 ng	100
4) n-Nitrosodimethylamine	3.56	42	183863	45.077 ng	98
6) Aniline	7.03	93	903898	38.803 ng	99
8) 2-Chlorophenol	7.26	128	677425	45.719 ng	97
9) Benzaldehyde	6.85	77	312548	27.570 ng	98
10) Phenol	6.90	94	947429	47.361 ng	99
11) bis(2-Chloroethyl)ether	7.13	93	620639	40.671 ng	99
12) 1,3-Dichlorobenzene	7.57	146	648975	38.952 ng	99
13) 1,4-Dichlorobenzene	7.73	146	668791	39.429 ng	100
14) 1,2-Dichlorobenzene	8.04	146	650495	39.926 ng	99
15) Benzyl Alcohol	7.95	79	683365	45.236 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	624697	42.297 ng	98
17) 2-Methylphenol	8.14	107	599766	47.106 ng	98
18) Hexachloroethane	8.75	117	249959	40.370 ng	97
19) n-Nitroso-di-n-propylamine	8.50	70	616851	41.904 ng	99
20) 3+4-Methylphenols	8.47	107	825563	46.957 ng	99
22) Acetophenone	8.52	105	1021855	38.784 ng	100
24) Nitrobenzene	8.90	77	879780	40.848 ng	98
25) Isophorone	9.42	82	1552127	46.881 ng	99
26) 2-Nitrophenol	9.60	139	373314	43.524 ng	99
27) 2,4-Dimethylphenol	9.66	122	632856	50.517 ng	98
28) bis(2-Chloroethoxy)methane	9.90	93	910407	42.524 ng	100
29) 2,4-Dichlorophenol	10.13	162	649384	45.145 ng	99
30) 1,2,4-Trichlorobenzene	10.34	180	663319	39.930 ng	99
31) Naphthalene	10.53	128	2033060	43.449 ng	100
32) Benzoic acid	9.82	122	431156	39.455 ng	96
33) 4-Chloroaniline	10.66	127	506013	24.192 ng	99
34) Hexachlorobutadiene	10.79	225	355759	36.896 ng	99
35) Caprolactam	11.47	113	212755m	36.241 ng	
36) 4-Chloro-3-methylphenol	11.78	107	752222	43.373 ng	99
37) 2-Methylnaphthalene	12.15	142	1516915	46.045 ng	99
38) 1-Methylnaphthalene	12.37	142	1443644	44.812 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	711720	40.031 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
 Data File : BM018951.D
 Acq On : 27 Feb 2019 16:08
 Operator : JU/SJ
 Sample : PB117415BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117415BS

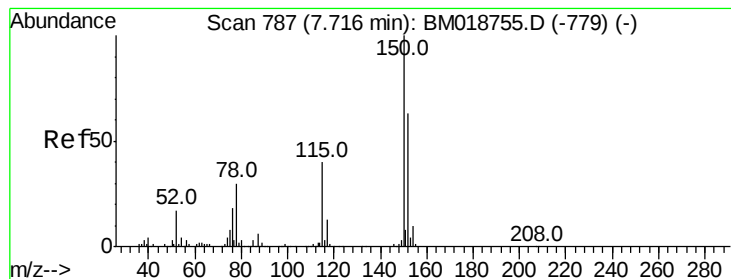
Manual Integrations
 APPROVED

Sohil
 2/28/2019 1:33:23 PM

Quant Time: Feb 28 03:35:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	746290	82.101	ng	98
43) 2,4,6-Trichlorophenol	12.77	196	513809	43.655	ng	98
44) 2,4,5-Trichlorophenol	12.84	196	547743	44.401	ng	99
46) 1,1'-Biphenyl	13.17	154	1916119	40.052	ng	99
47) 2-Chloronaphthalene	13.22	162	1498020	40.540	ng	99
48) 2-Nitroaniline	13.44	65	539505	43.961	ng	99
49) Acenaphthylene	14.07	152	2467864	44.853	ng	99
50) Dimethylphthalate	13.81	163	1874287	40.465	ng	99
51) 2,6-Dinitrotoluene	13.94	165	417590	41.619	ng	98
52) Acenaphthene	14.41	154	1406269	41.682	ng	99
53) 3-Nitroaniline	14.27	138	331689	29.257	ng	99
54) 2,4-Dinitrophenol	14.49	184	461035	72.960	ng	98
55) Dibenzofuran	14.74	168	2287842	41.257	ng	99
56) 4-Nitrophenol	14.59	139	762296	84.231	ng	99
57) 2,4-Dinitrotoluene	14.73	165	600788	43.458	ng	98
58) Fluorene	15.40	166	1869342	44.064	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	483420	44.334	ng	98
60) Diethylphthalate	15.17	149	1907279	39.918	ng	100
61) 4-Chlorophenyl-phenylether	15.39	204	912608	38.368	ng	99
62) 4-Nitroaniline	15.44	138	428574	38.560	ng	99
63) Azobenzene	15.69	77	2122128	41.423	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	308364	36.008	ng	99
66) n-Nitrosodiphenylamine	15.62	169	1605886	41.673	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	545284	39.940	ng	99
68) Hexachlorobenzene	16.39	284	646131	40.717	ng	98
69) Atrazine	16.57	200	509852	41.040	ng	99
70) Pentachlorophenol	16.74	266	825196	80.761	ng	99
71) Phenanthrene	17.14	178	2927061	44.655	ng	100
72) Anthracene	17.23	178	3008073	47.148	ng	99
73) Carbazole	17.51	167	2786544	41.804	ng	99
74) Di-n-butylphthalate	18.06	149	3417470	44.580	ng	100
75) Fluoranthene	19.16	202	3522924	46.527	ng	98
77) Benzidine	19.36	184	2223504	71.169	ng	100
78) Pyrene	19.53	202	3644524	45.235	ng	100
80) Butylbenzylphthalate	20.43	149	1767316	48.131	ng	98
81) Benzo(a)anthracene	21.28	228	3647357	45.105	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1070843	33.507	ng	99
83) Chrysene	21.33	228	3397648	43.836	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2573588	47.888	ng	99
85) Di-n-octyl phthalate	22.08	149	4507984	49.909	ng	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3286238	36.724	ng	100
88) Benzo(b)fluoranthene	22.87	252	3315442	47.293	ng	100
89) Benzo(k)fluoranthene	22.91	252	3212271	46.025	ng	100
90) Benzo(a)pyrene	23.45	252	3049156	45.913	ng	99
91) Dibenzo(a,h)anthracene	25.84	278	2806824	42.659	ng	99
92) Benzo(g,h,i)perylene	26.53	276	2646872	43.211	ng	99

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



#1

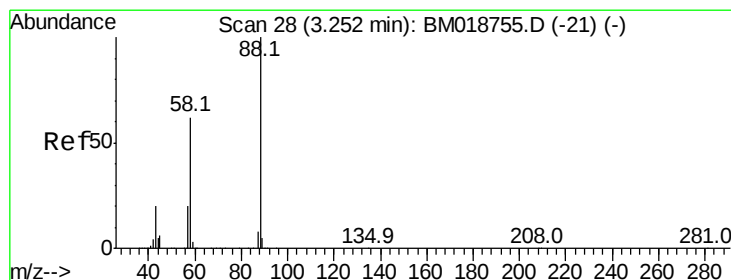
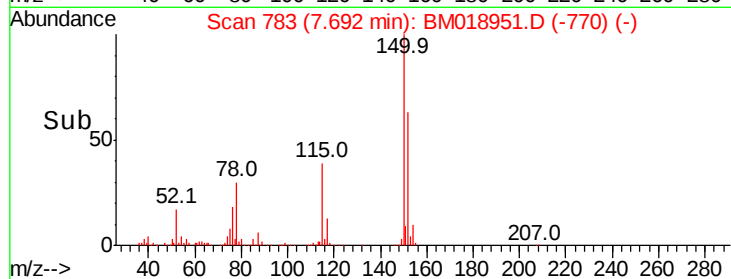
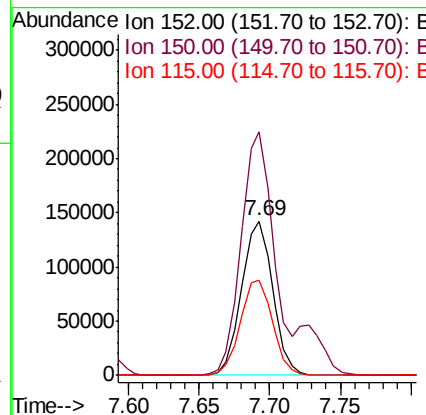
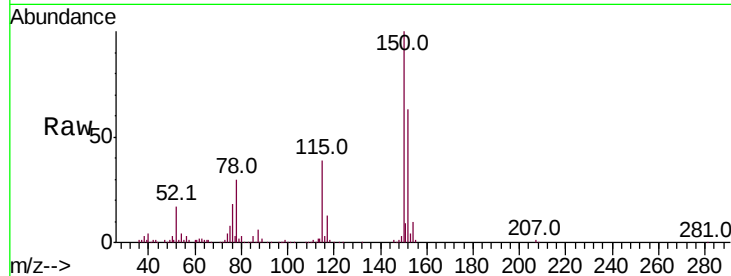
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.3	190.9
115	62.0	50.8	76.2

Manual Integrations
APPROVED

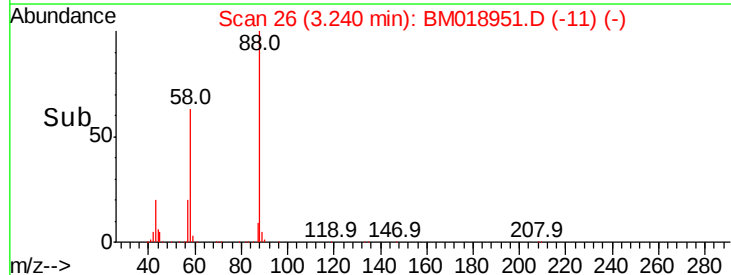
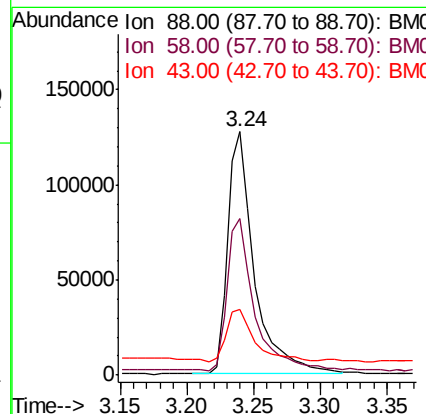
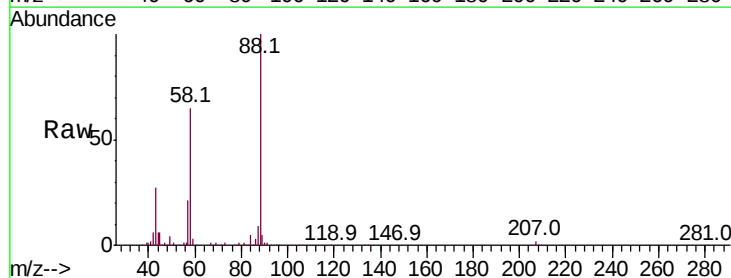
Sohil
2/28/2019 1:33:23 PM

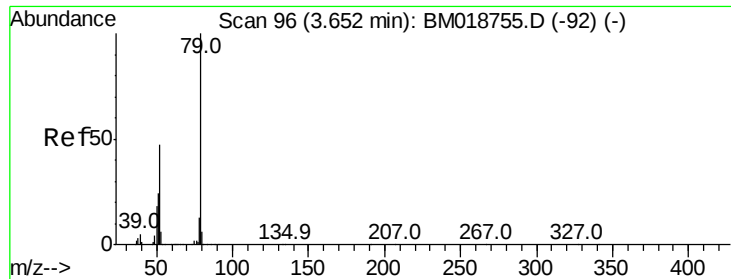


#2

1,4-Dioxane
Concen: 30.350 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.1	49.8	74.6
43	22.6	16.7	25.1





#3

Pvridine

Concen: 35.769 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

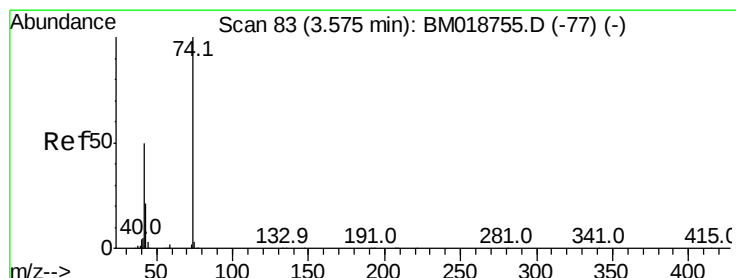
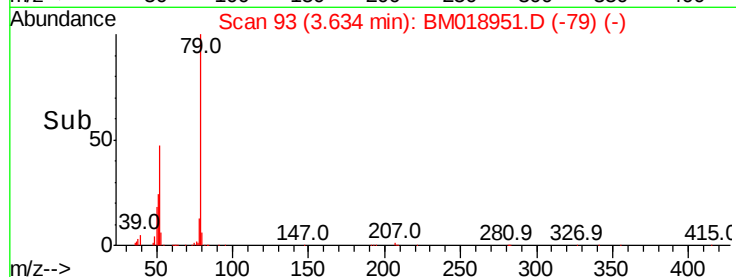
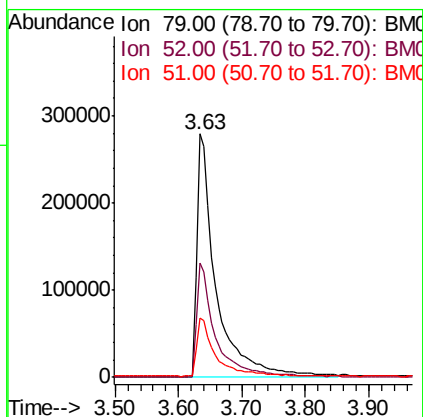
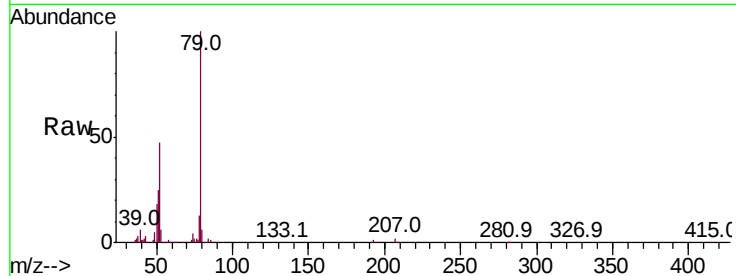
ClientSampleId :

PB117415BS

Tot Ion:	79	Resp:	573496
Ion Ratio	Lower	Upper	
79	100		
52	47.1	37.6	56.4
51	24.6	19.7	29.5

Manual Integrations
APPROVED

Sohil
2/28/2019 1:33:23 PM



#4

n-Nitrosodimethylamine

Concen: 45.077 ng

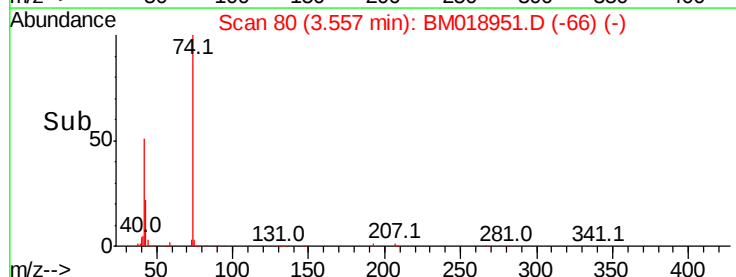
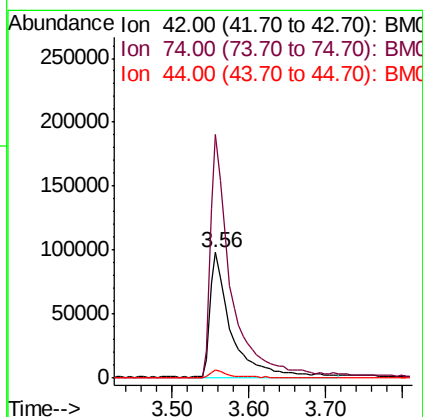
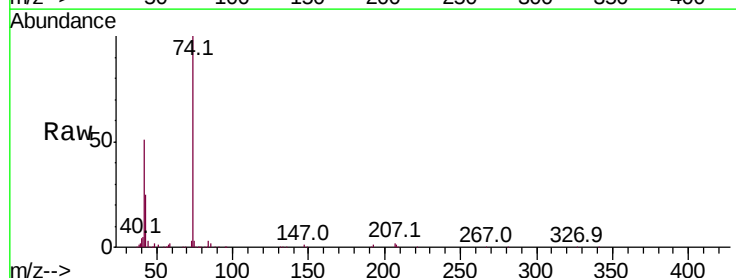
RT: 3.56 min Scan# 80

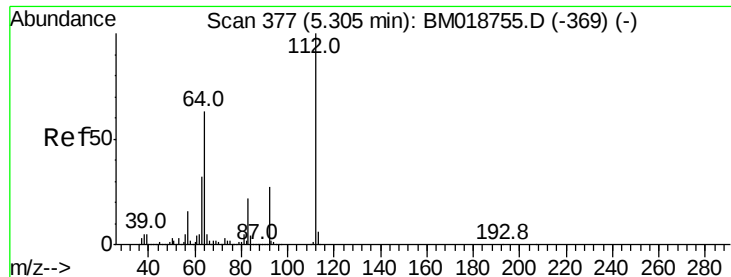
Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Tgt Ion:	42	Resp:	183863
Ion Ratio	Lower	Upper	
42	100		
74	194.4	158.1	237.1
44	6.0	4.9	7.3





#5

2-Fluorophenol

Concen: 151.878 ng

RT: 5.29 min Scan# 374

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

ClientSampleId :

PB117415BS

Tot Ion:112 Resp: 2049695

Ion Ratio Lower Upper

112 100

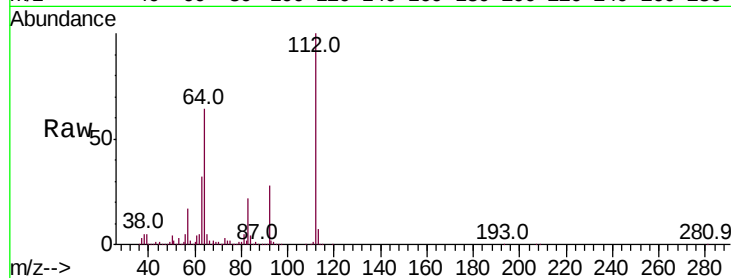
64 64.3 50.6 75.8

63 32.4 25.7 38.5

Manual Integrations
APPROVED

Sohil

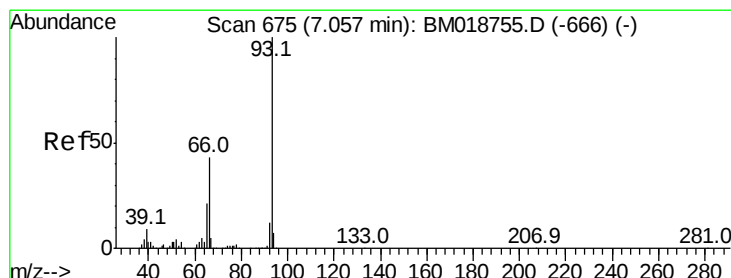
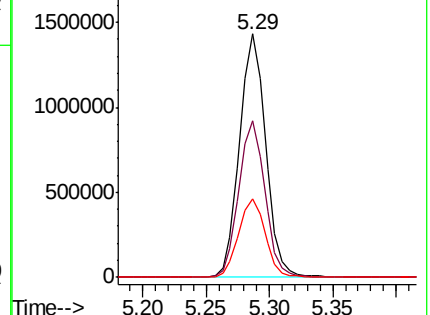
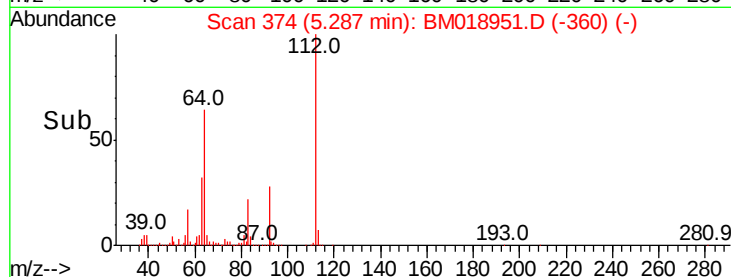
2/28/2019 1:33:23 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 38.803 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

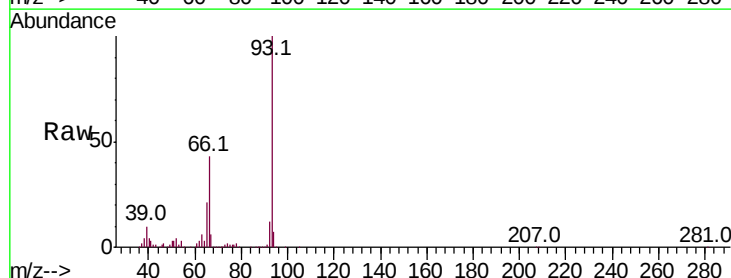
Tgt Ion: 93 Resp: 903898

Ion Ratio Lower Upper

93 100

66 42.8 34.1 51.1

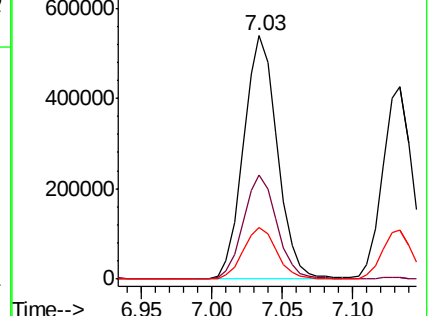
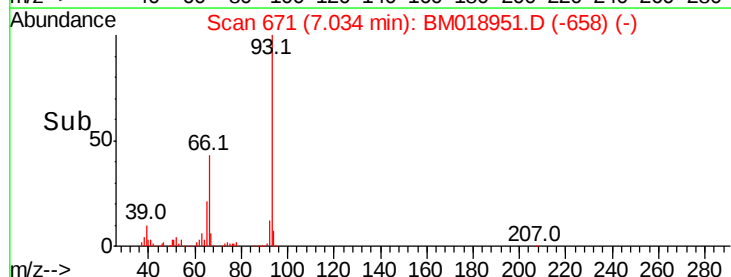
65 21.4 16.6 24.8

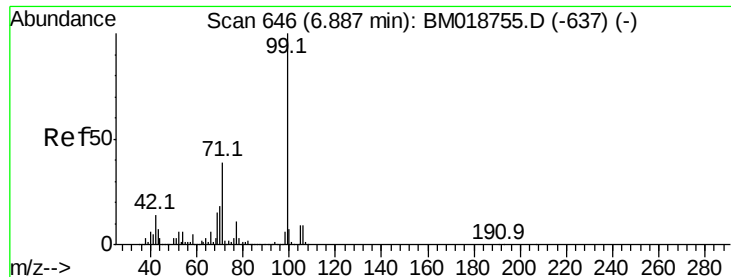


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 156.856 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

ClientSampleId :

PB117415BS

Tot Ion: 99 Resp: 2982165

Ion Ratio Lower Upper

99 100

42 14.0 11.0 16.6

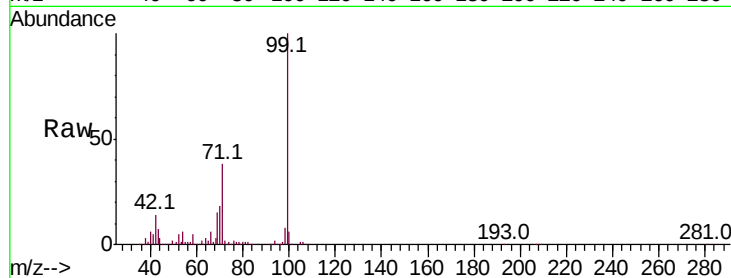
71 38.3 31.3 46.9

Manual Integrations

APPROVED

Sohil

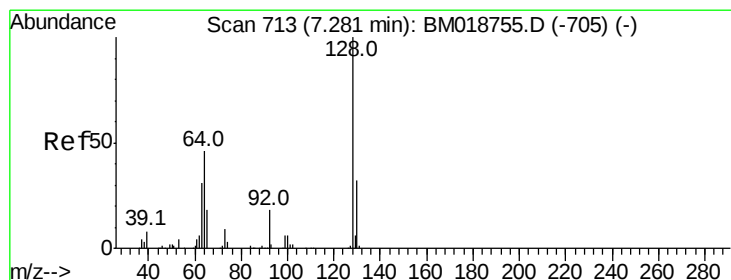
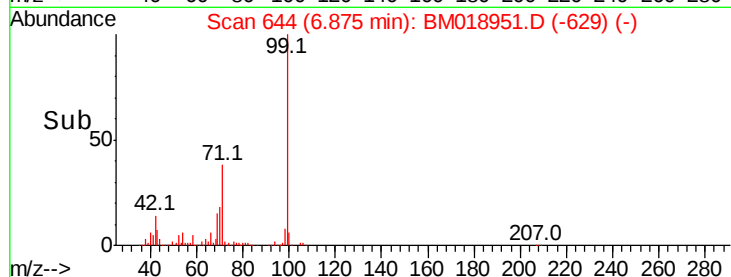
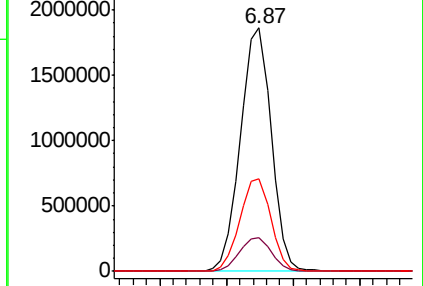
2/28/2019 1:33:23 PM



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 45.719 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

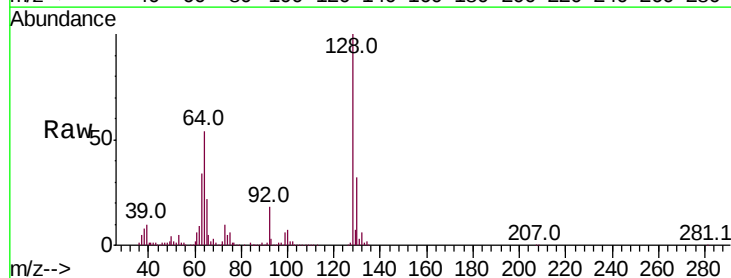
Tgt Ion: 128 Resp: 677425

Ion Ratio Lower Upper

128 100

130 32.2 11.7 51.7

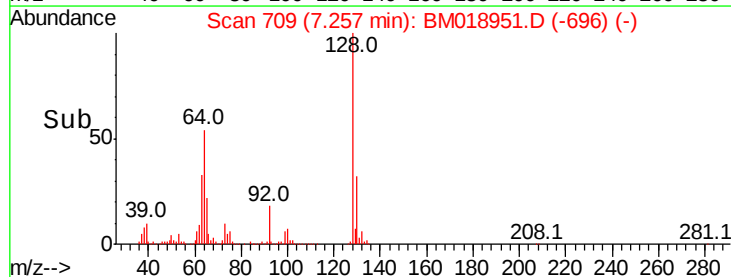
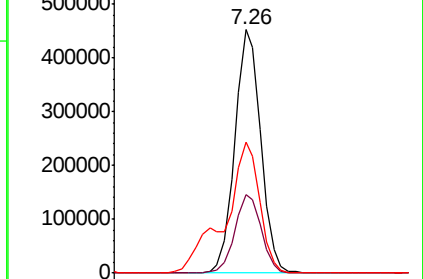
64 54.0 31.0 71.0

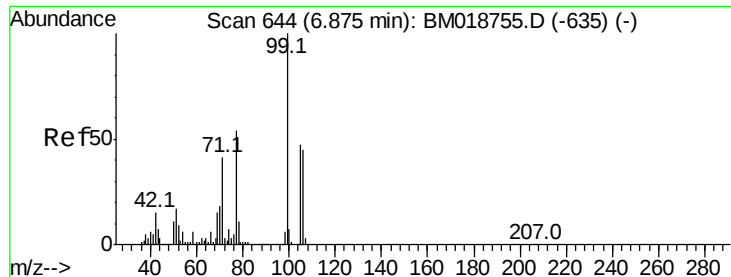


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 27.570 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

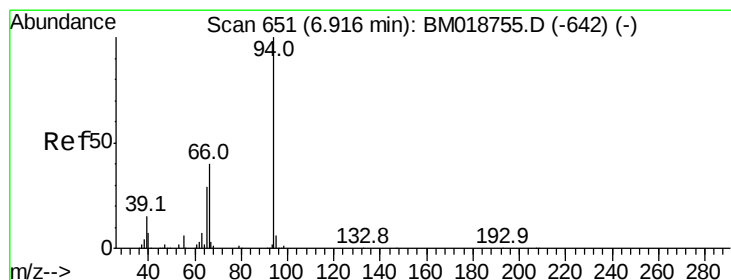
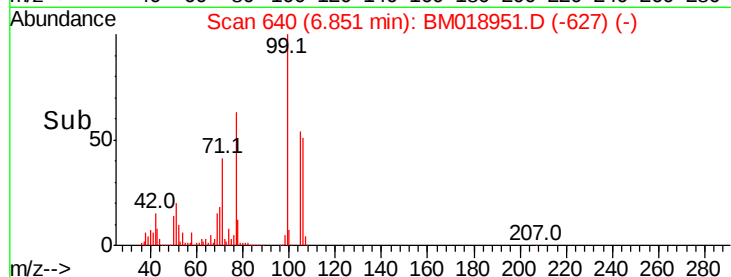
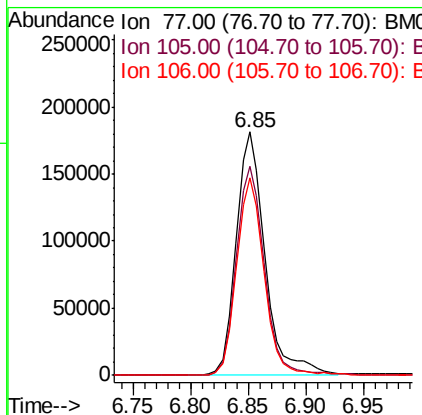
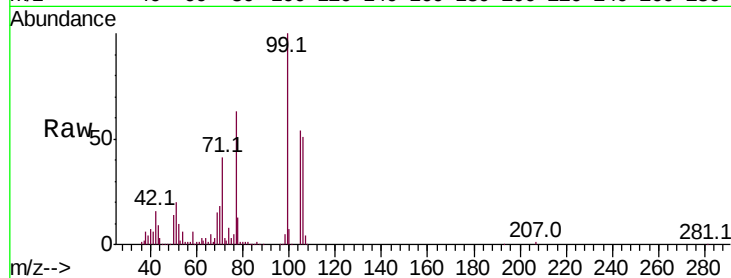
ClientSampleId :

PB117415BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	86.0	67.3	107.3
106	81.1	62.9	102.9

Manual Integrations
APPROVED

Sohil
2/28/2019 1:33:23 PM



#10

Phenol

Concen: 47.361 ng

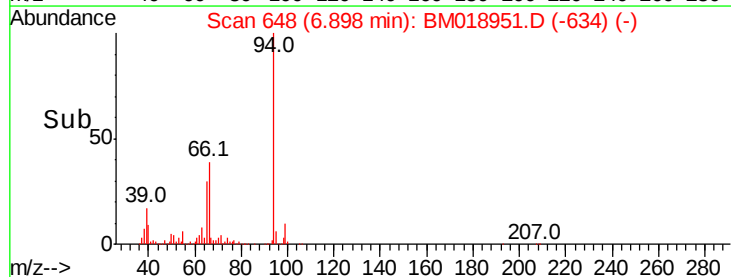
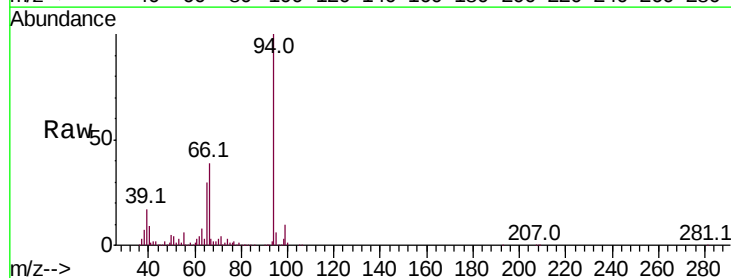
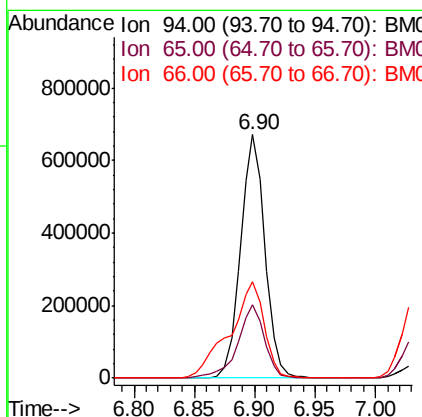
RT: 6.90 min Scan# 648

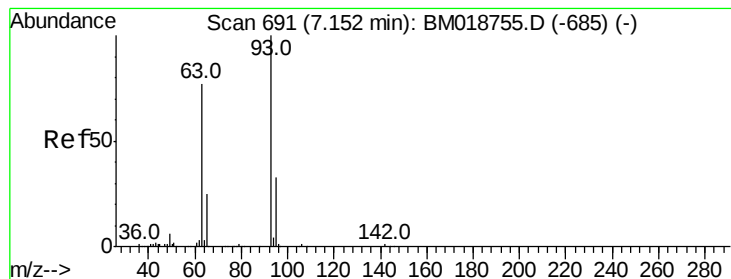
Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.6	49.6
66	39.4	20.4	60.4





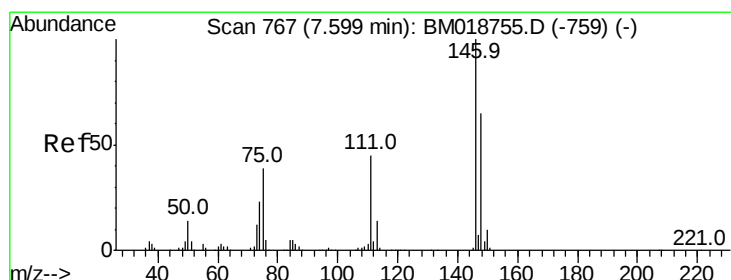
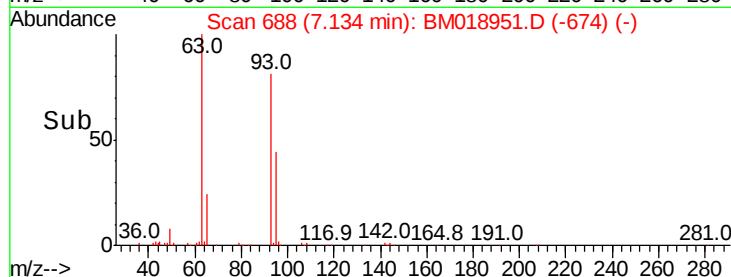
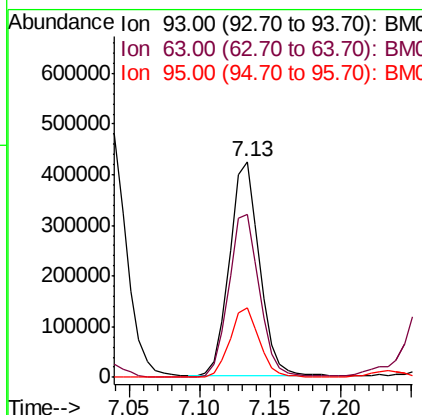
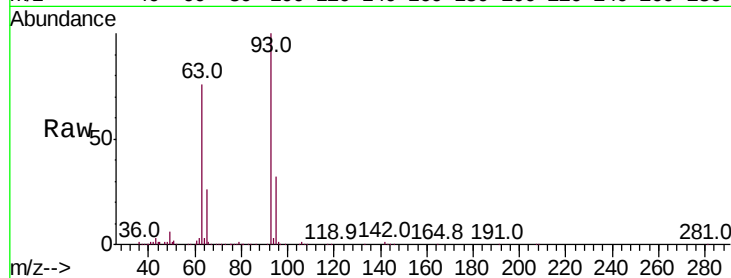
#11
bis(2-Chloroethyl)ether
Concen: 40.671 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.8	57.0	97.0
95	32.3	12.4	52.4

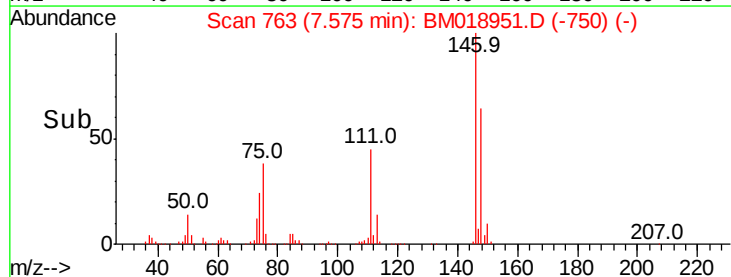
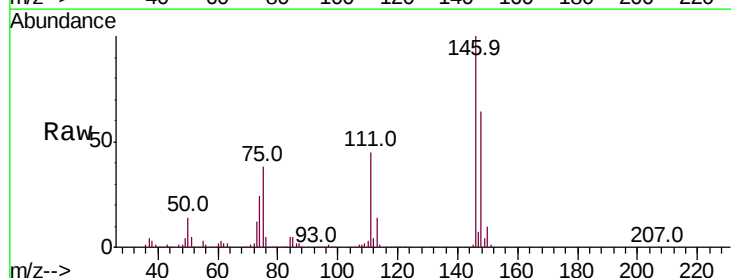
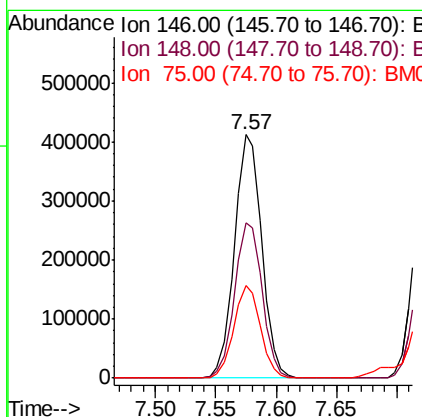
Manual Integrations
APPROVED

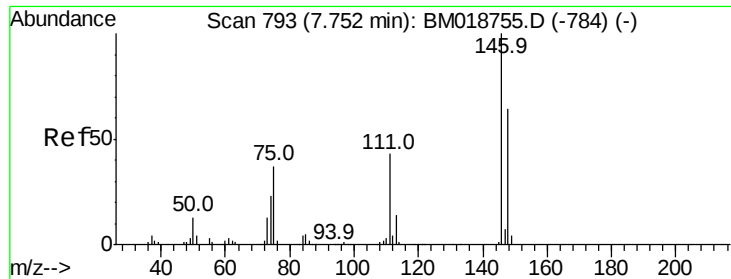
Sohil
2/28/2019 1:33:23 PM



#12
1,3-Dichlorobenzene
Concen: 38.952 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.7	77.5
75	37.9	31.3	46.9





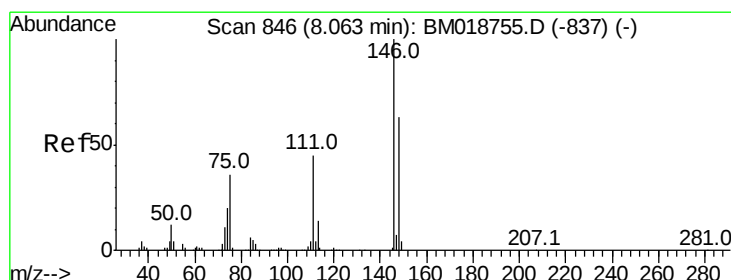
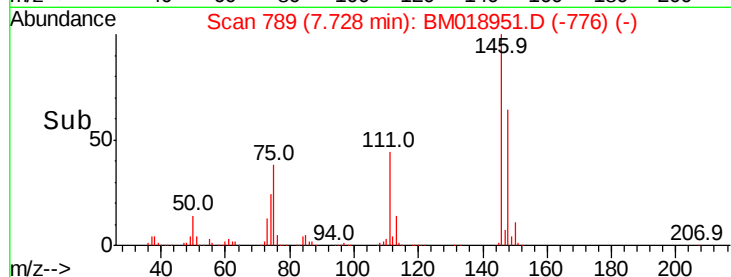
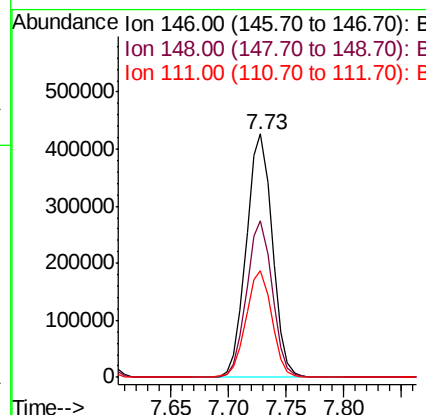
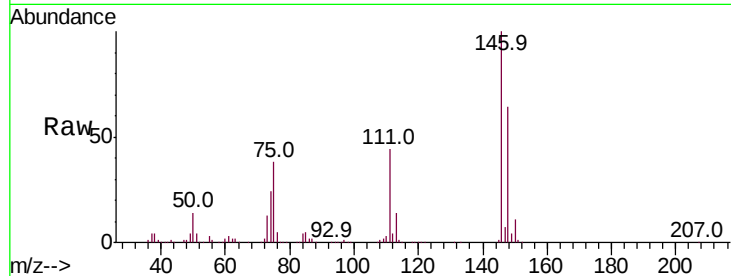
#13
 1,4-Dichlorobenzene
 Concen: 39.429 ng
 RT: 7.73 min Scan# 789
 Delta R.T. -0.02 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Instrument :
 BNA_M
 ClientSampled :
 PB117415BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	43.8	34.6	52.0

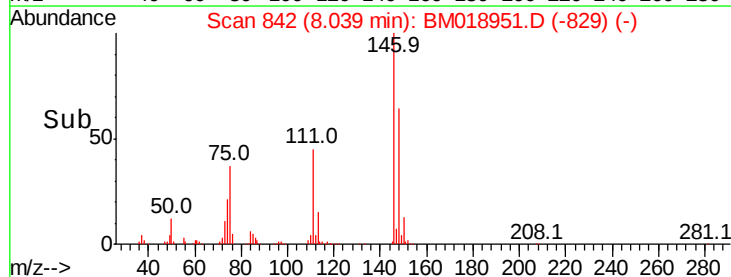
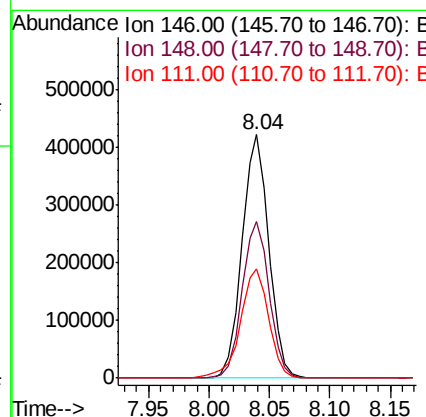
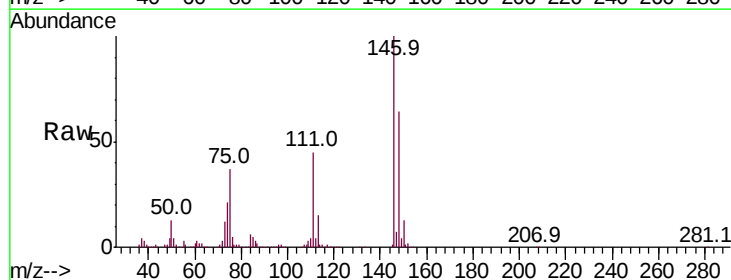
Manual Integrations
 APPROVED

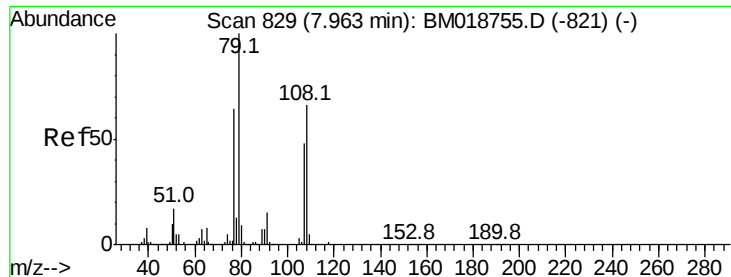
Sohil
 2/28/2019 1:33:23 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.926 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.02 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.7	76.1
111	44.6	35.9	53.9





#15

Benzyl Alcohol

Concen: 45.236 ng

RT: 7.95 min Scan# 826

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

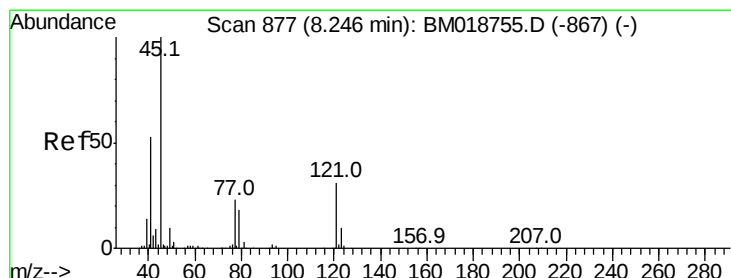
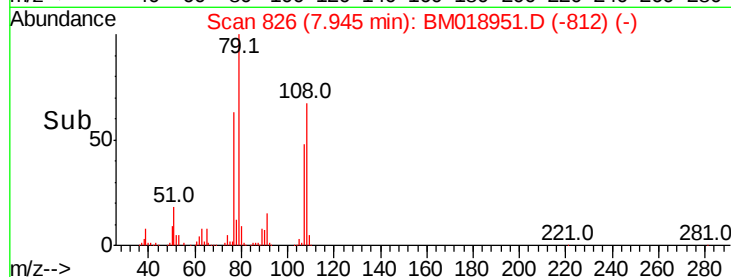
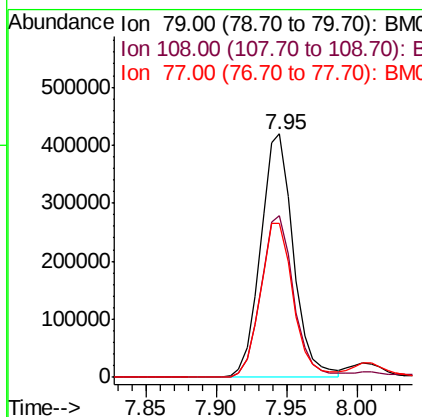
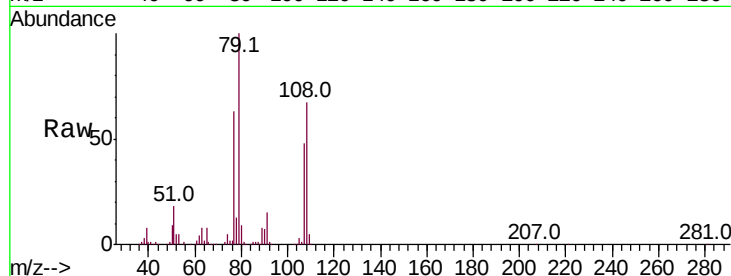
ClientSampled :

PB117415BS

Tot Ion:	79	Resp:	683365
Ion Ratio	Lower	Upper	
79	100		
108	66.5	52.7	79.1
77	63.5	51.0	76.4

Manual Integrations
APPROVED

Sohil
2/28/2019 1:33:23 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.297 ng

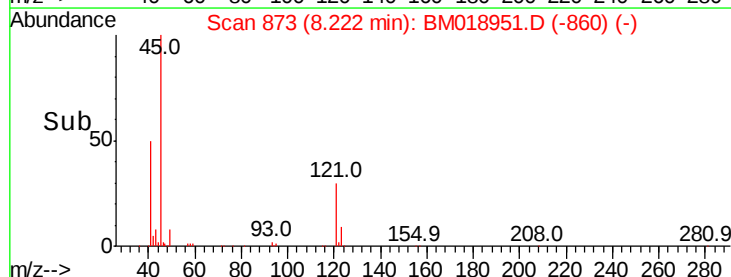
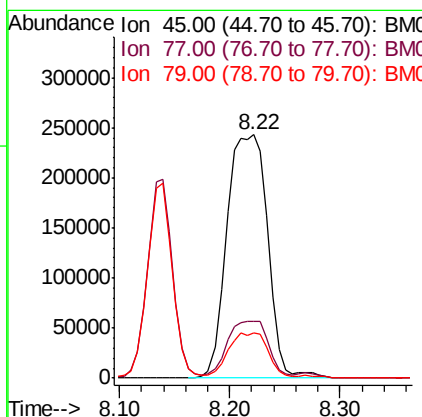
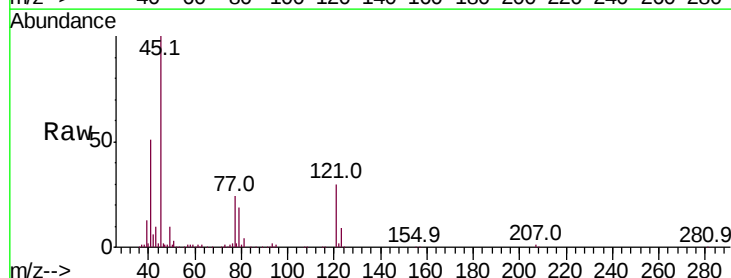
RT: 8.22 min Scan# 873

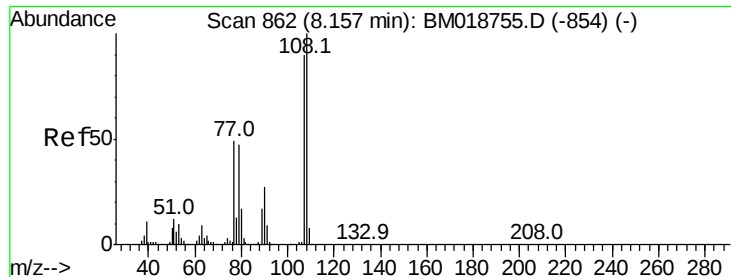
Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Tgt Ion:	45	Resp:	624697
Ion Ratio	Lower	Upper	
45	100		
77	23.5	5.0	45.0
79	18.8	0.0	39.3





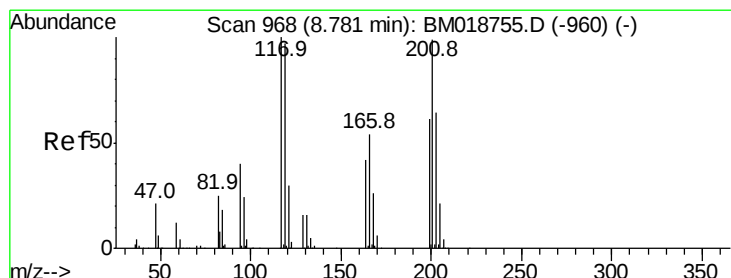
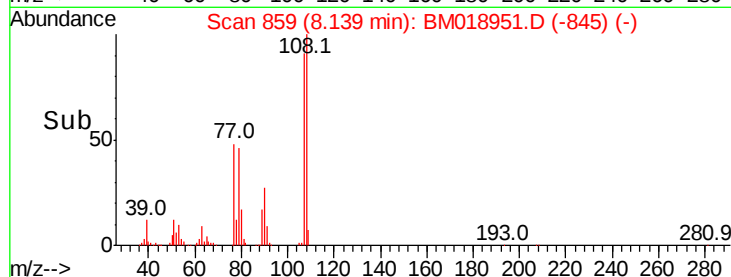
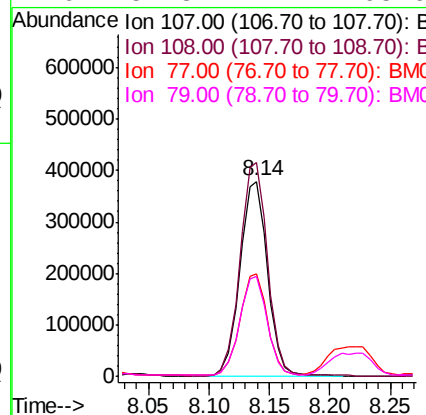
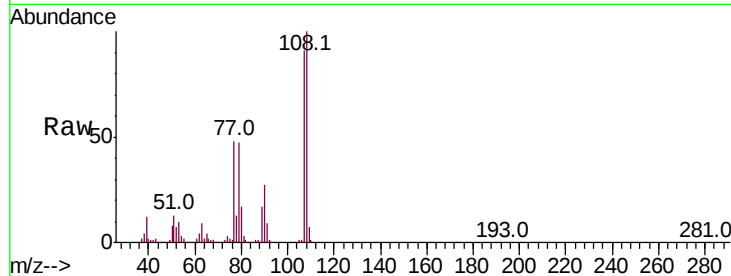
#17
2-Methylphenol
Concen: 47.106 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	599766		
108	109.6	88.8	133.2	
77	52.4	44.0	66.0	
79	51.3	42.4	63.6	

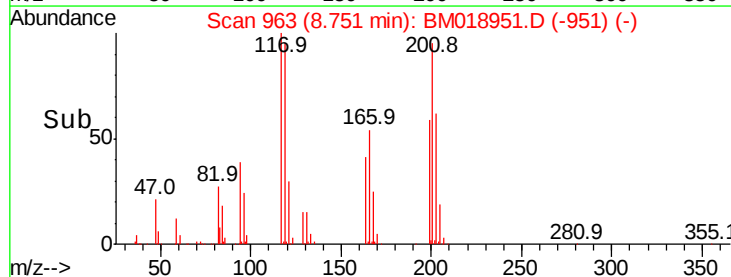
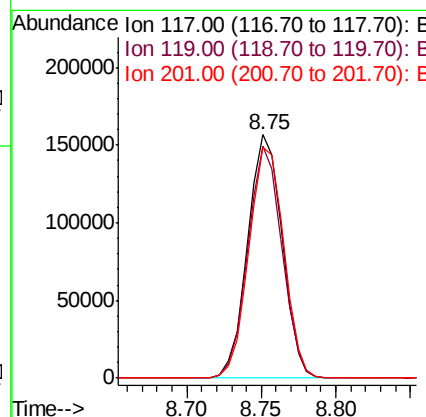
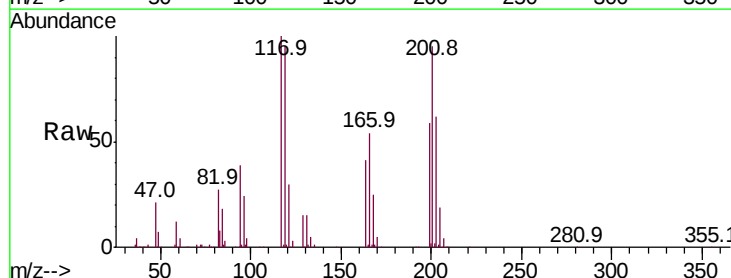
Manual Integrations
APPROVED

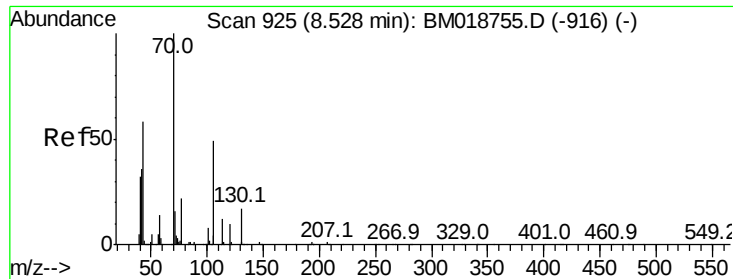
Sohil
2/28/2019 1:33:23 PM



#18
Hexachloroethane
Concen: 40.370 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.03 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	249959		
119	95.2	77.9	116.9	
201	94.8	79.2	118.8	





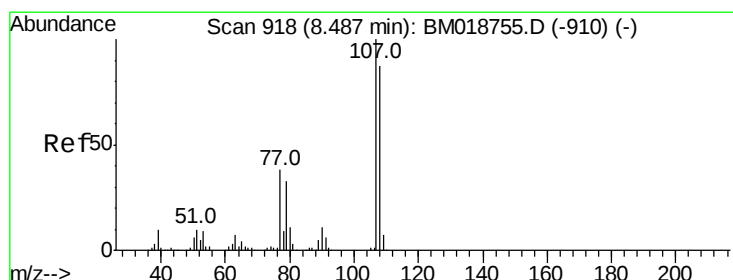
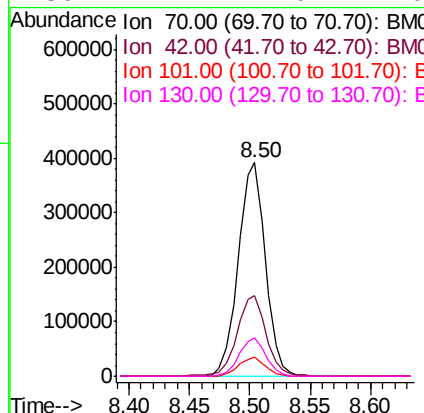
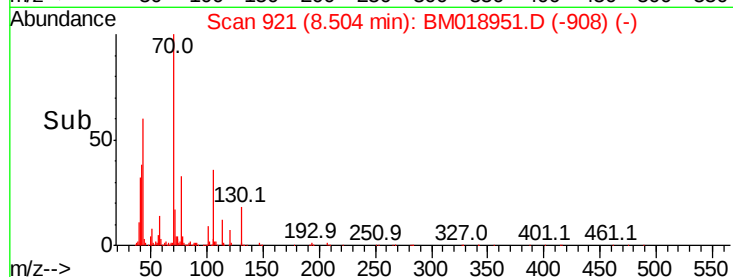
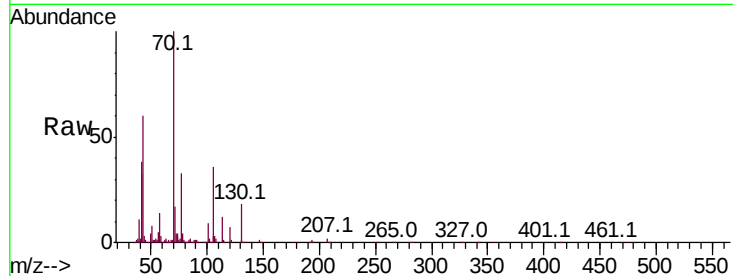
#19
n-Nitroso-di-n-propylamine
Concen: 41.904 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	37.7	29.4	44.0		
101	8.9	6.7	10.1		
130	17.7	14.0	21.0		

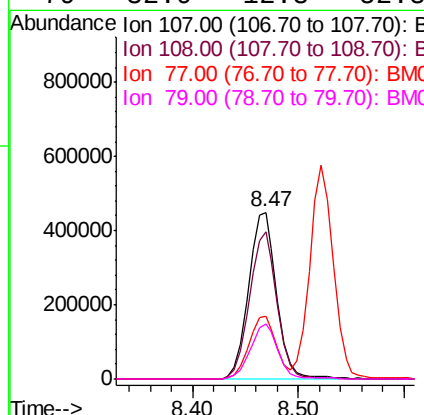
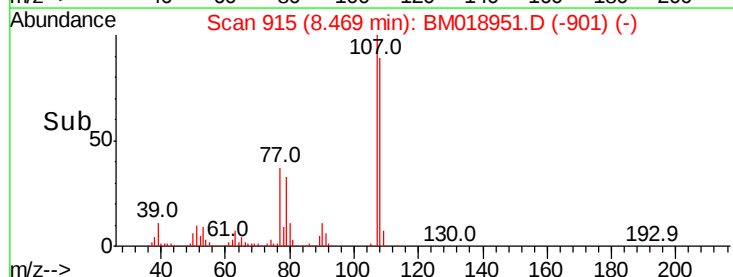
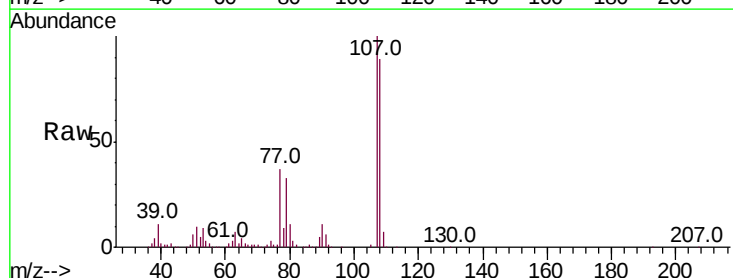
Manual Integrations
APPROVED

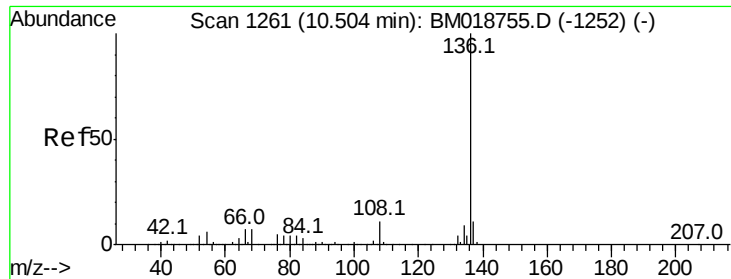
Sohil
2/28/2019 1:33:23 PM



#20
3+4-Methylphenols
Concen: 46.957 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.7	67.3	107.3		
77	37.5	18.0	58.0		
79	32.9	12.8	52.8		





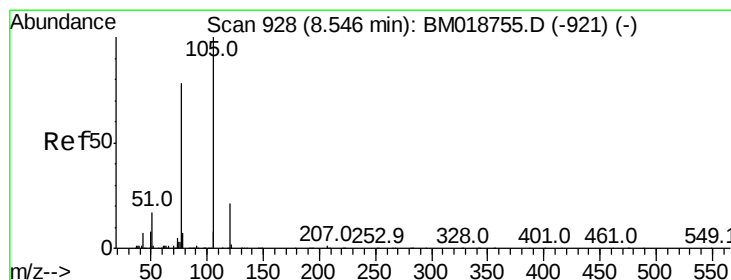
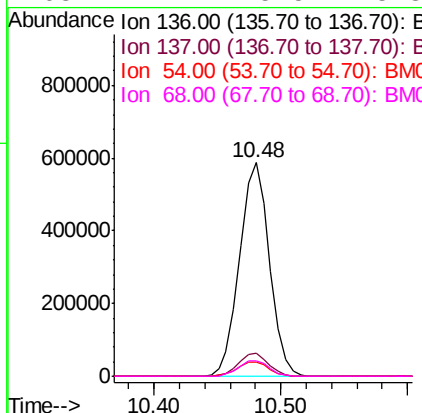
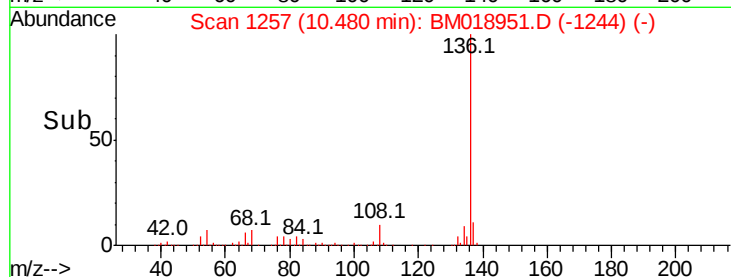
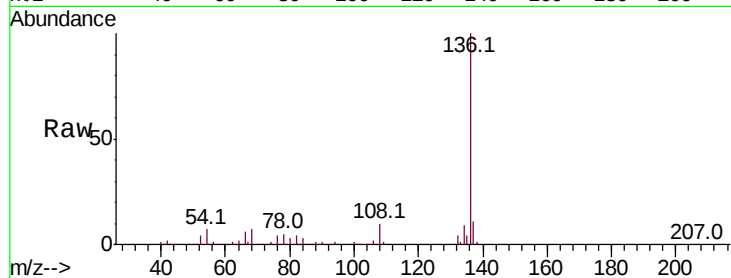
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	959421		
137	10.7		8.8	13.2
54	6.7		5.0	7.6
68	7.2		5.5	8.3

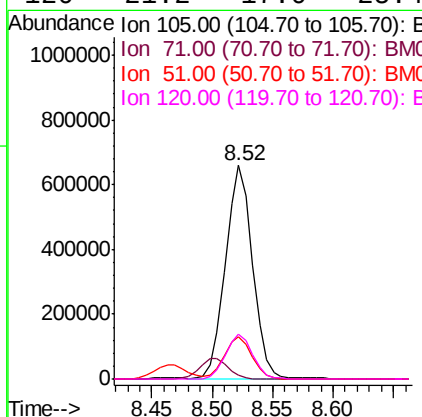
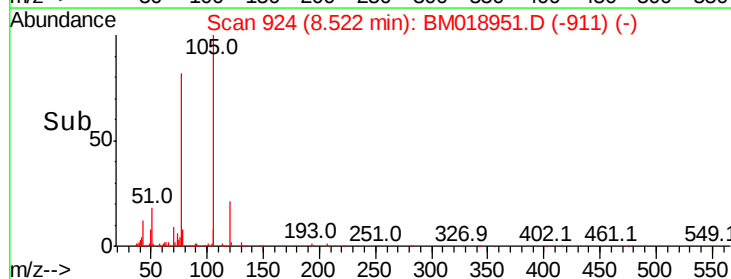
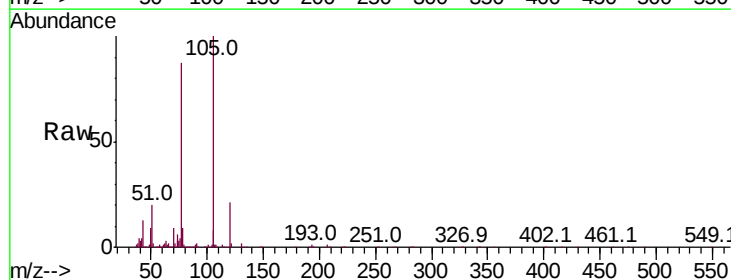
Manual Integrations
APPROVED

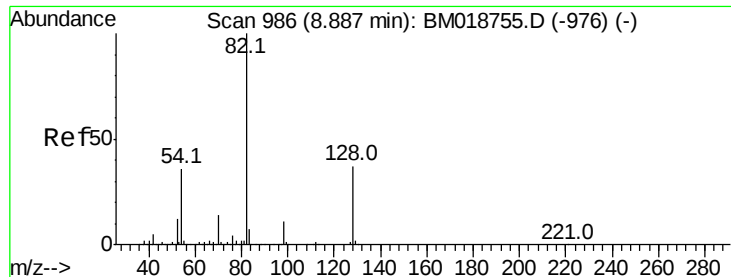
Sohil
2/28/2019 1:33:23 PM



#22
Acetophenone
Concen: 38.784 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1021855		
71	1.5		1.1	1.7
51	19.7		15.5	23.3
120	21.2		17.0	25.4





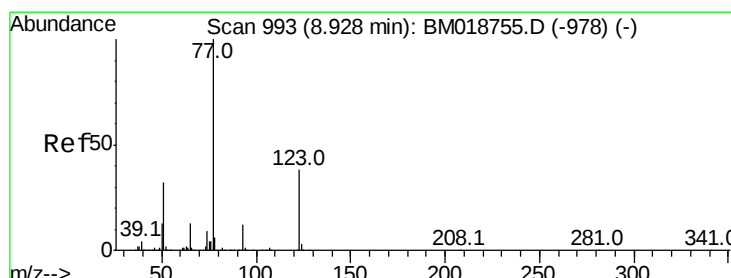
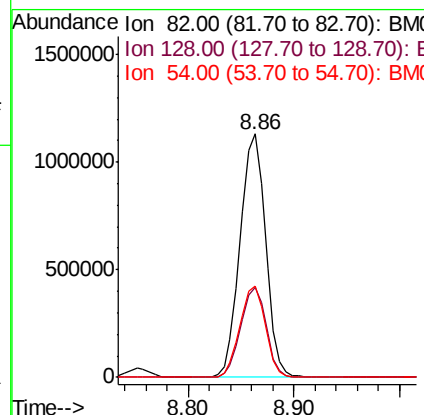
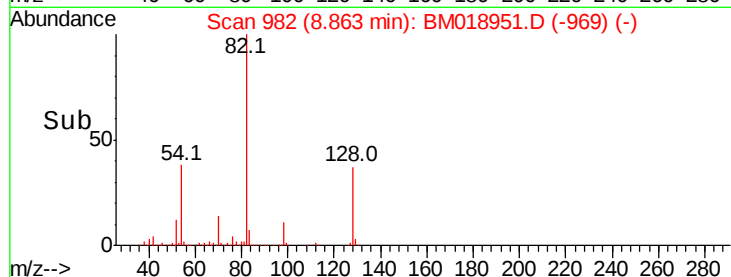
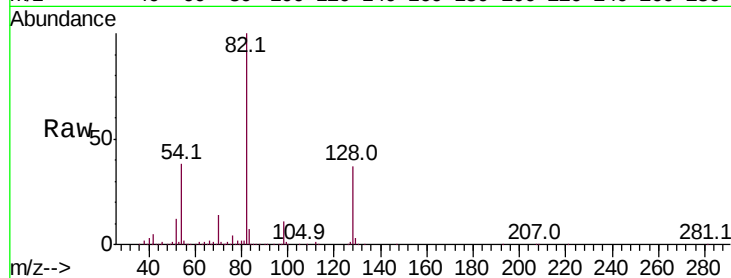
#23
 Nitrobenzene-d5
 Concen: 91.268 ng
 RT: 8.86 min Scan# 982
 Delta R.T. -0.02 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Instrument :
 BNA_M
 ClientSampled :
 PB117415BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.9	44.9
54	37.6	29.1	43.7

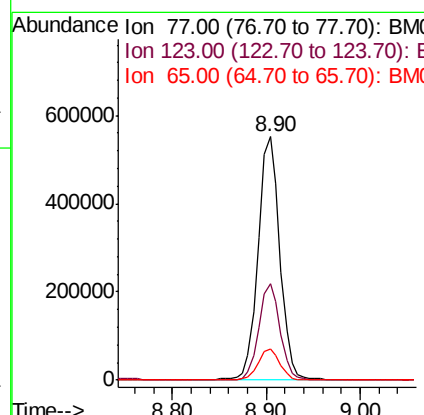
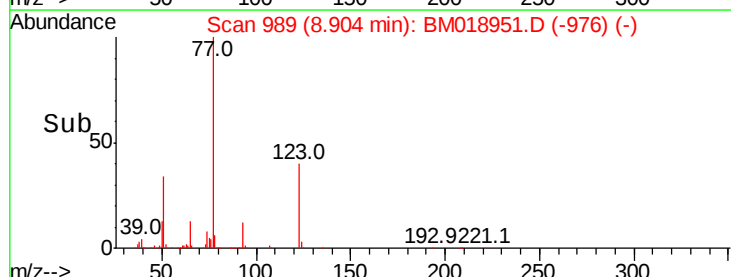
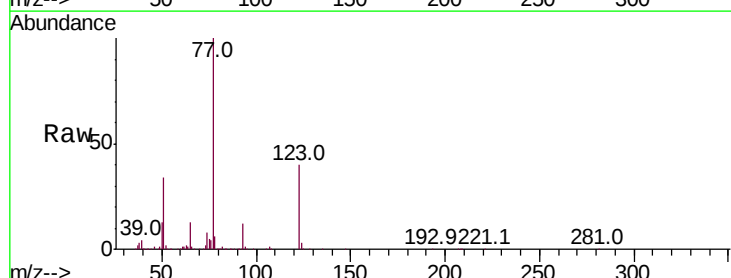
Manual Integrations
 APPROVED

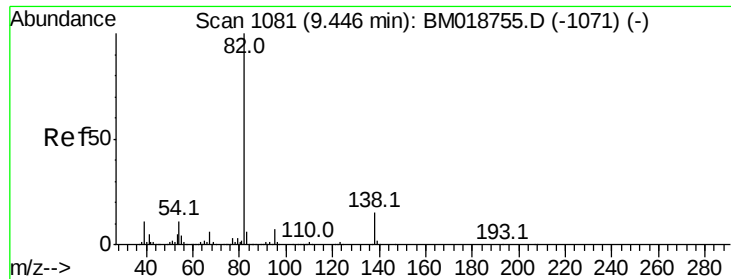
Sohil
 2/28/2019 1:33:23 PM



#24
 Nitrobenzene
 Concen: 40.848 ng
 RT: 8.90 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.8	30.7	46.1
65	12.8	10.5	15.7





#25

Isophorone

Concen: 46.881 ng

RT: 9.42 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

ClientSampleId :

PB117415BS

Tot Ion: 82 Resp: 1552127

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

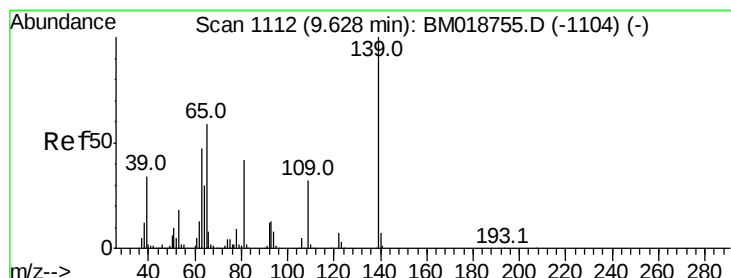
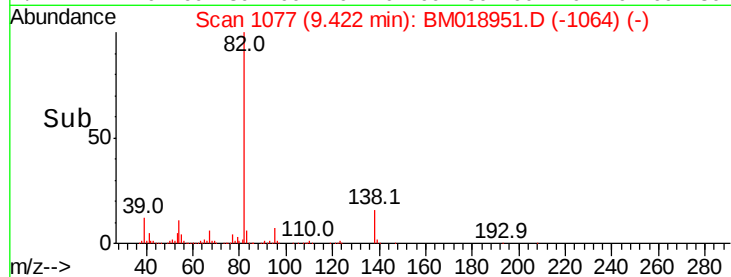
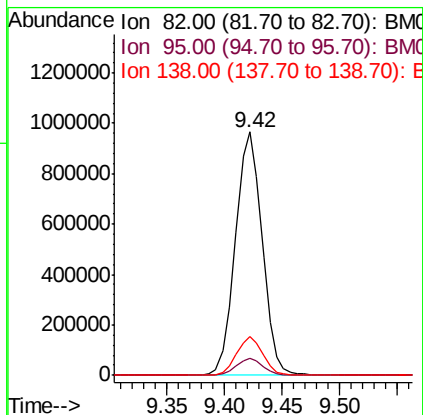
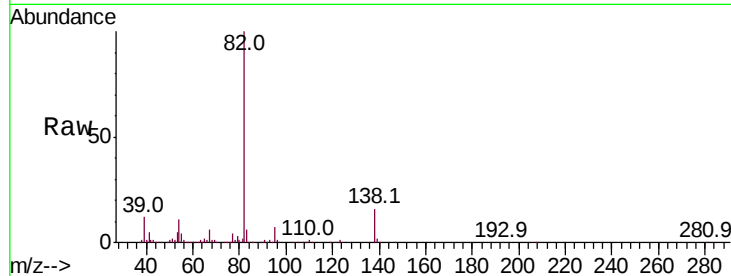
138 15.7 12.3 18.5

Manual Integrations

APPROVED

Sohil

2/28/2019 1:33:23 PM



#26

2-Nitrophenol

Concen: 43.524 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

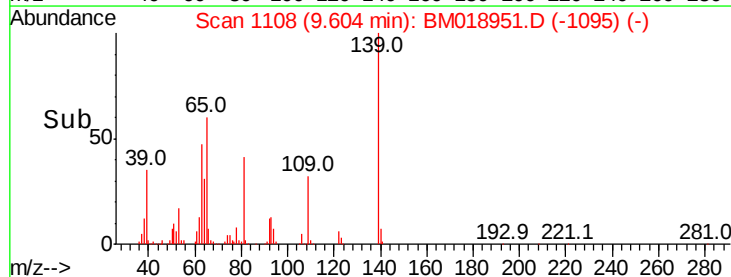
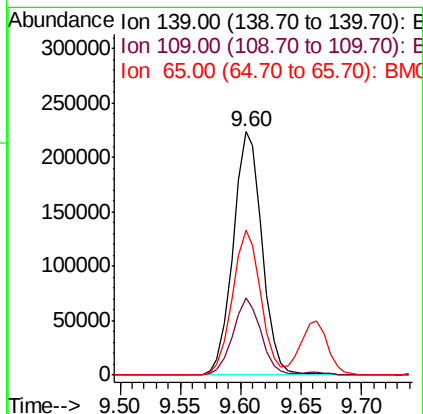
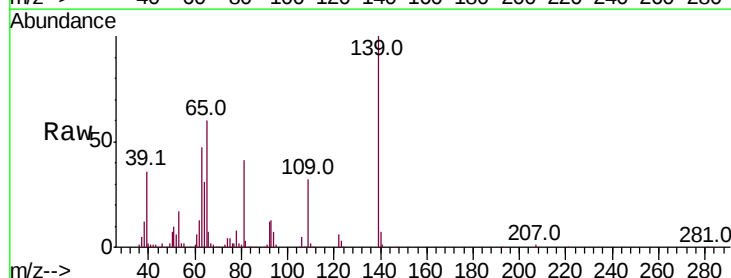
Tgt Ion: 139 Resp: 373314

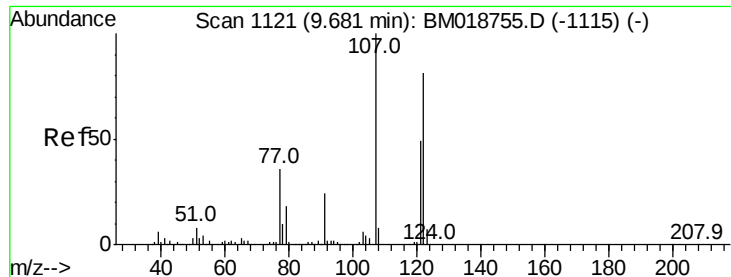
Ion Ratio Lower Upper

139 100

109 31.6 25.2 37.8

65 59.6 47.0 70.4





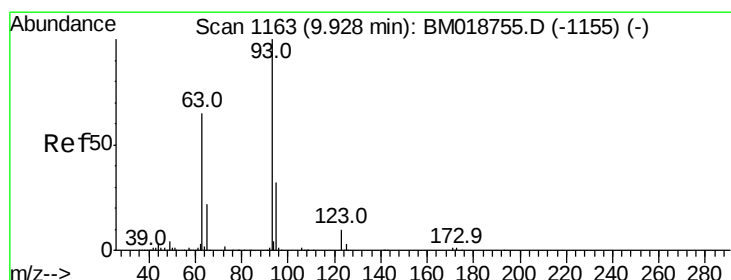
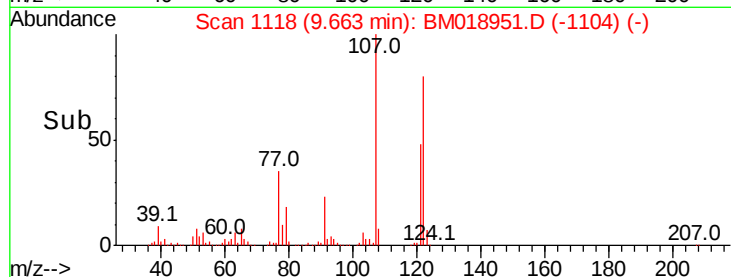
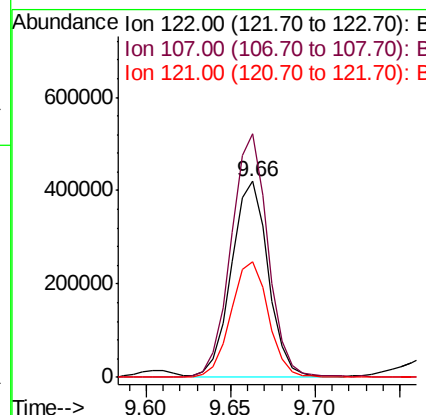
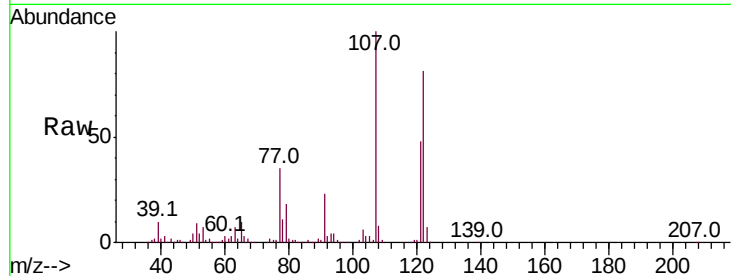
#27
2,4-Dimethylphenol
Concen: 50.517 ng
RT: 9.66 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	632856		
107	124.1	97.6	146.4	
121	59.2	47.9	71.9	

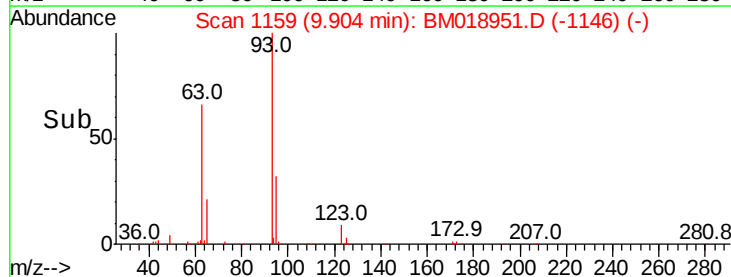
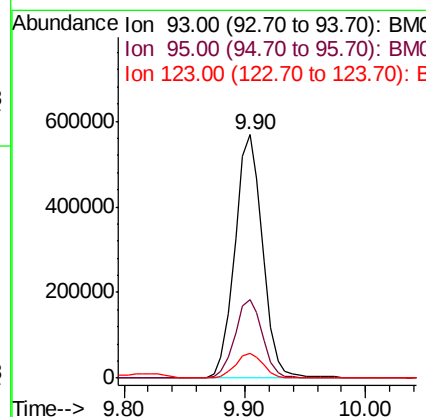
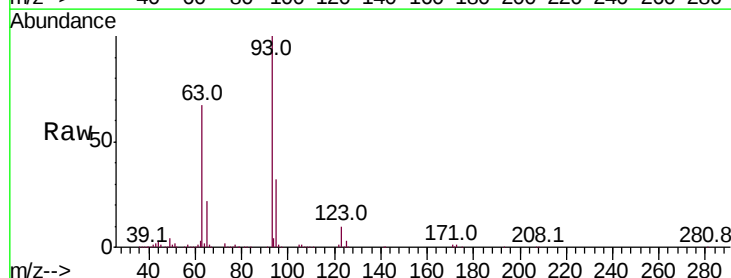
Manual Integrations
APPROVED

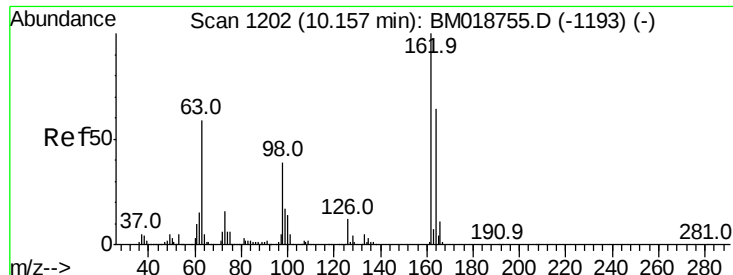
Sohil
2/28/2019 1:33:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.524 ng
RT: 9.90 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	910407		
95	32.3	25.6	38.4	
123	10.3	8.2	12.4	





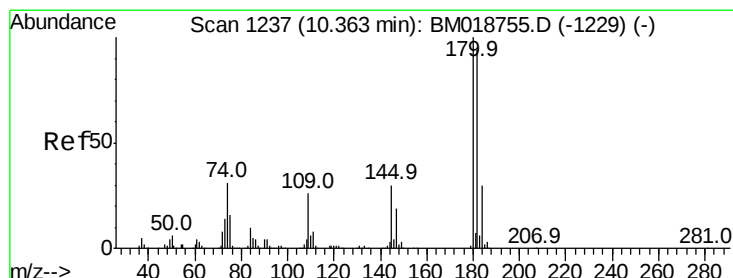
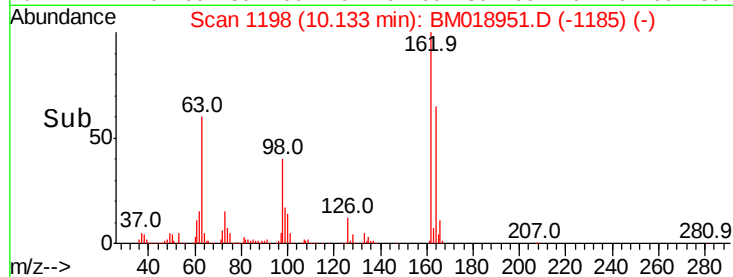
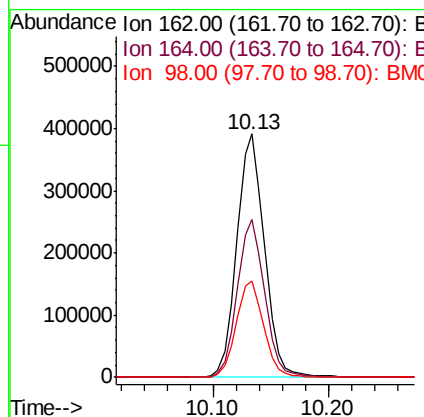
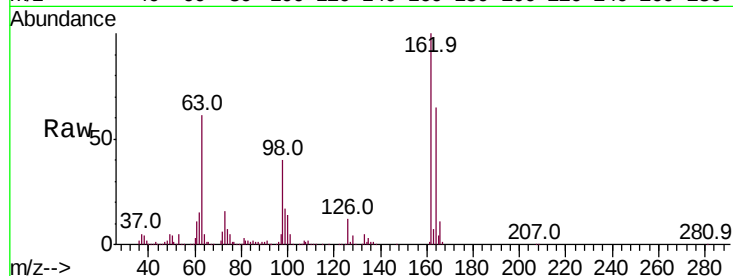
#29
2,4-Dichlorophenol
Concen: 45.145 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampled :
PB117415BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	44.1	84.1
98	39.8	19.4	59.4

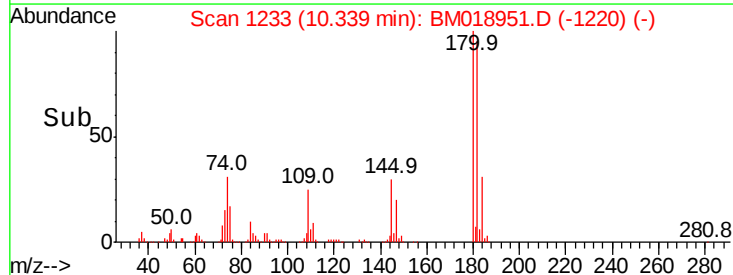
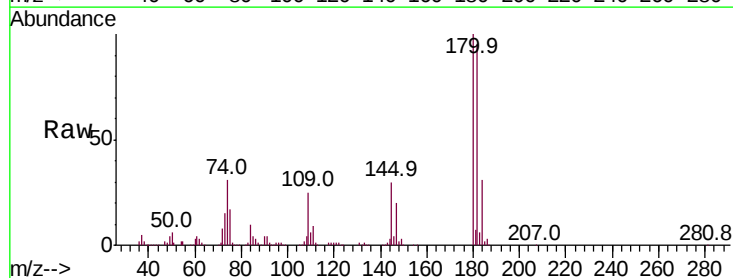
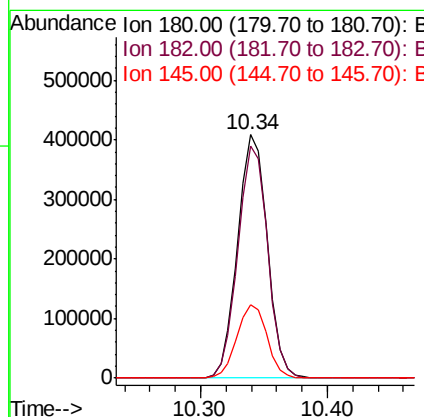
Manual Integrations
APPROVED

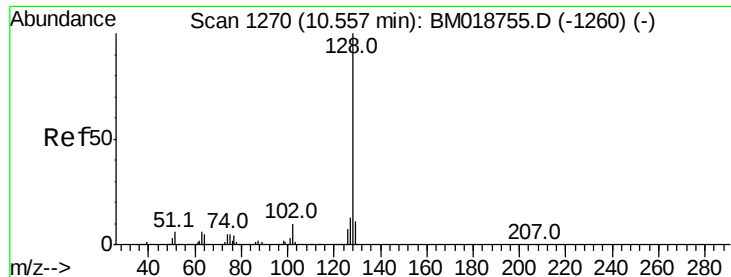
Sohil
2/28/2019 1:33:23 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.930 ng
RT: 10.34 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.3	75.0	112.6
145	30.4	24.1	36.1





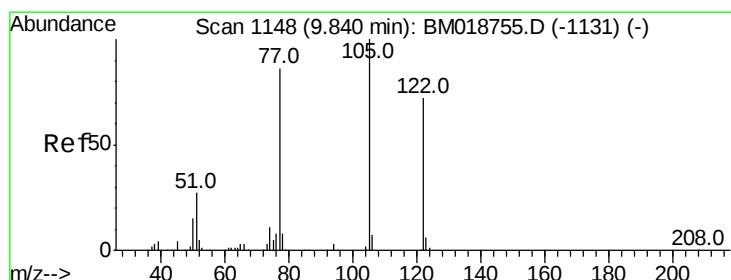
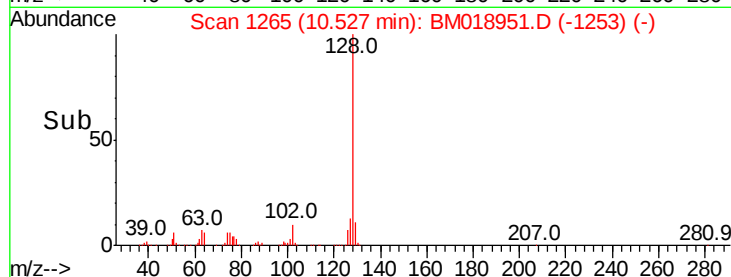
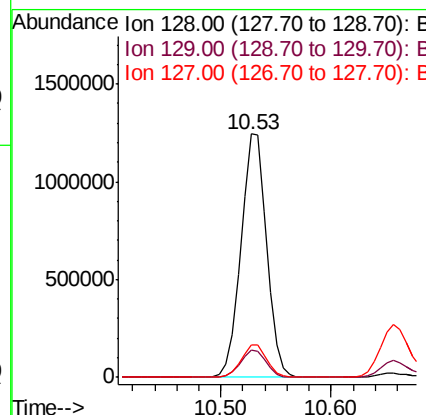
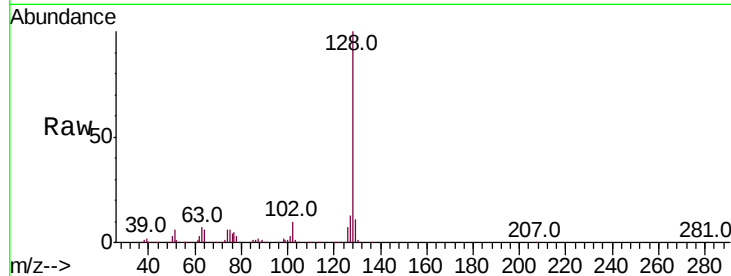
#31
Naphthalene
Concen: 43.449 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.2	10.7	16.1

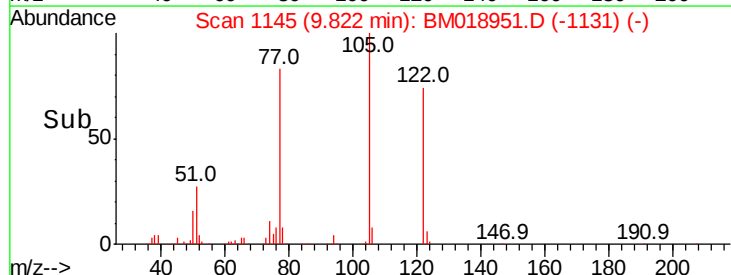
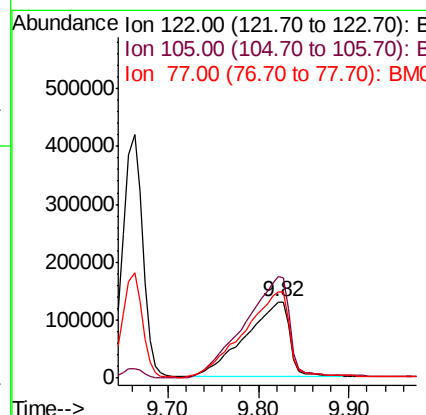
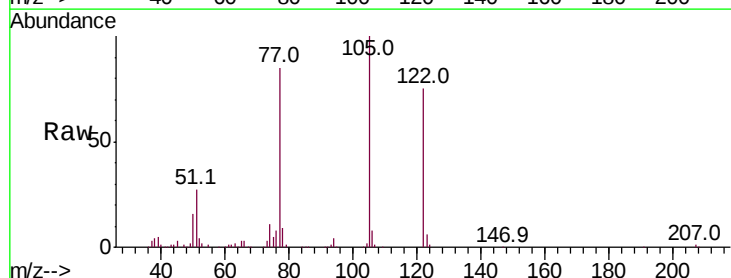
Manual Integrations
APPROVED

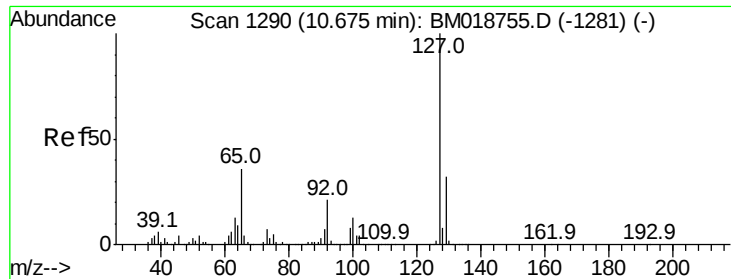
Sohil
2/28/2019 1:33:23 PM



#32
Benzoic acid
Concen: 39.455 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.4	117.5	157.5
77	113.2	98.5	138.5





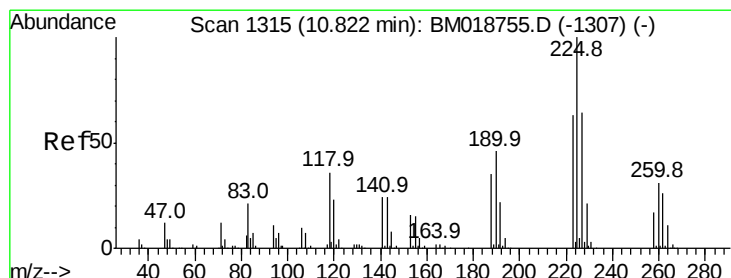
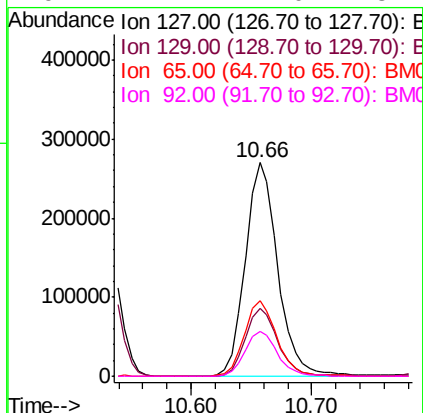
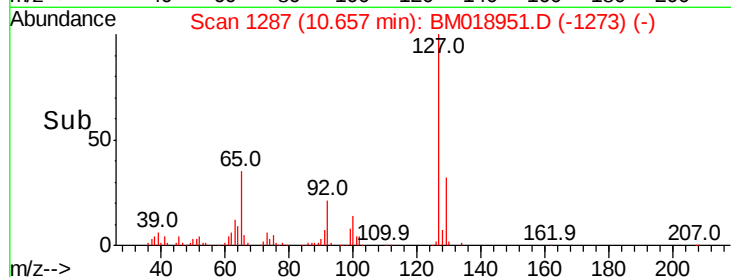
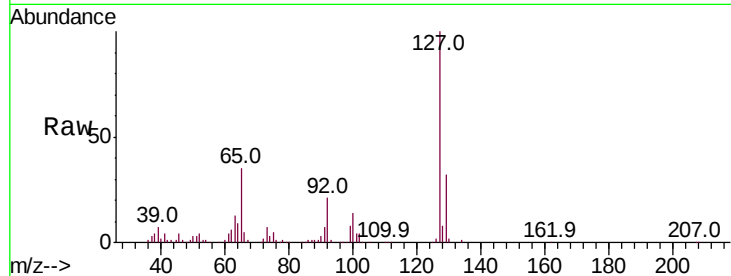
#33
4-Chloroaniline
Concen: 24.192 ng
RT: 10.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	25.7	38.5		
65	35.3	28.7	43.1		
92	21.1	17.0	25.4		

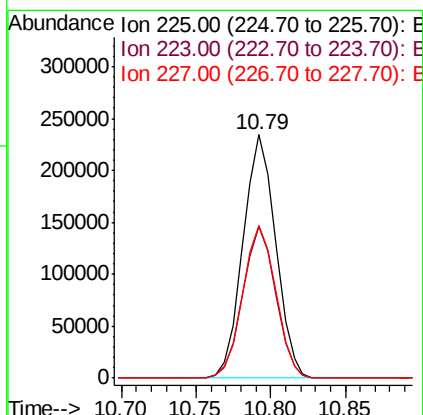
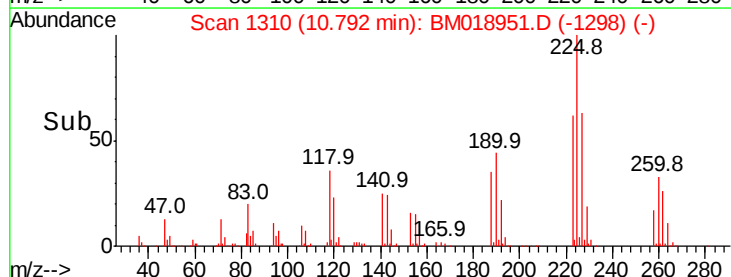
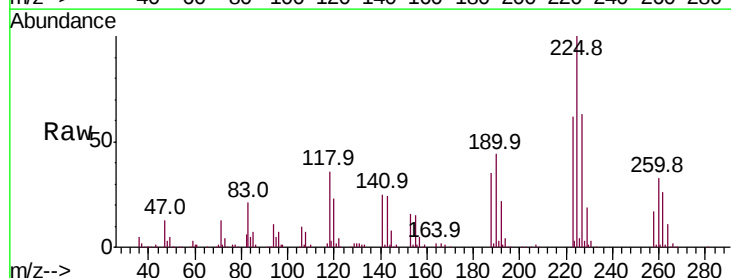
Manual Integrations
APPROVED

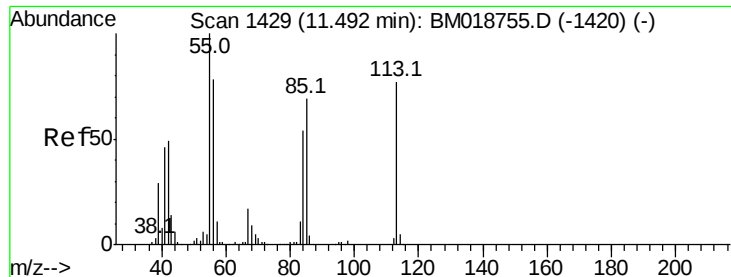
Sohil
2/28/2019 1:33:23 PM



#34
Hexachlorobutadiene
Concen: 36.896 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	50.1	75.1		
227	62.8	51.4	77.0		





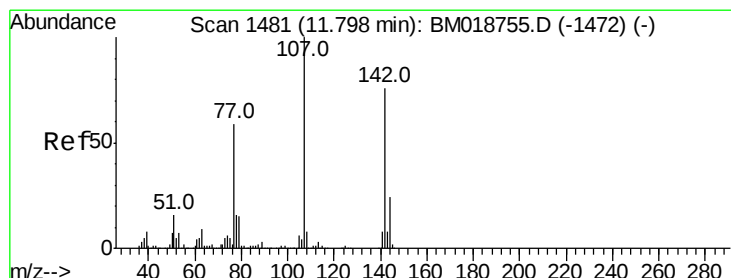
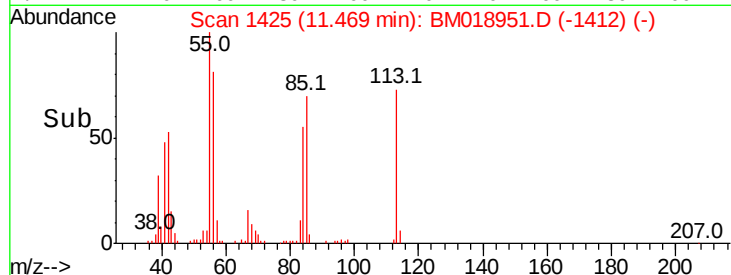
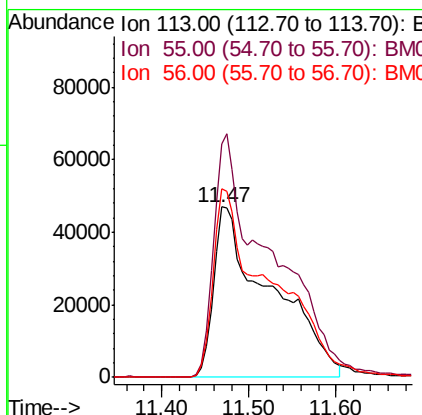
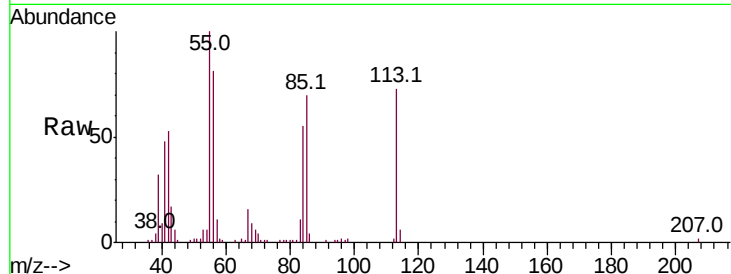
#35
Caprolactam
Concen: 36.241 ng/ml
RT: 11.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	136.9	110.7	150.7
56	110.6	82.4	122.4

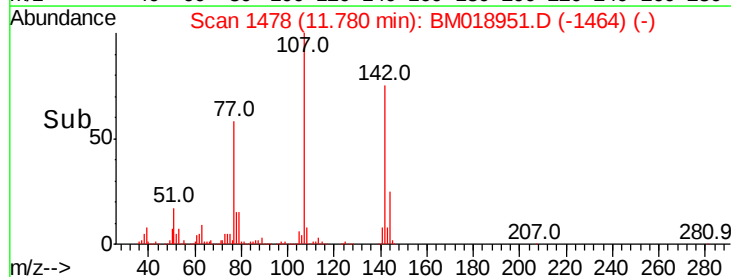
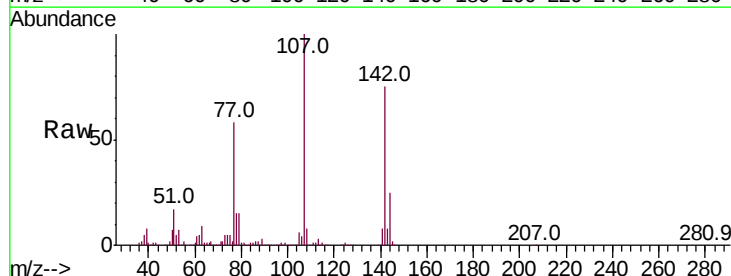
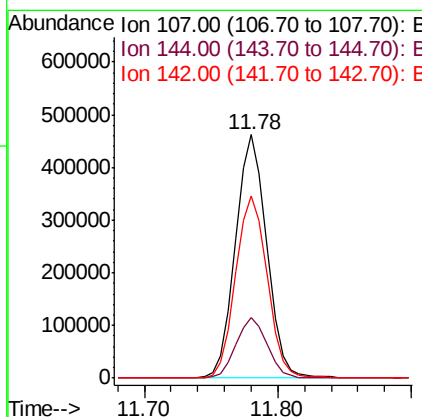
Manual Integrations
APPROVED

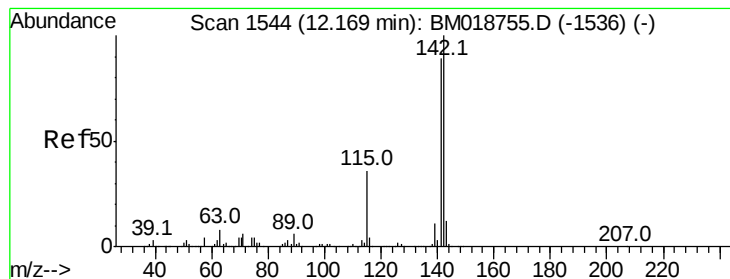
Sohil
2/28/2019 1:33:23 PM



#36
4-Chloro-3-methylphenol
Concen: 43.373 ng/ml
RT: 11.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.3	28.9
142	75.0	60.5	90.7





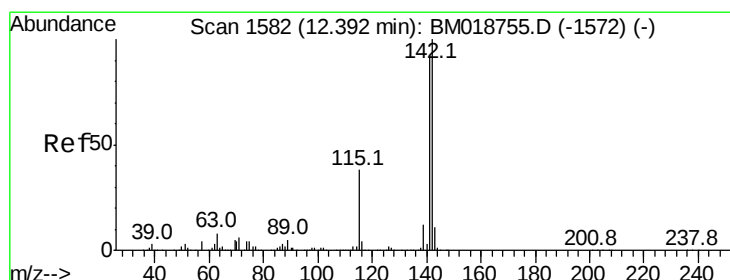
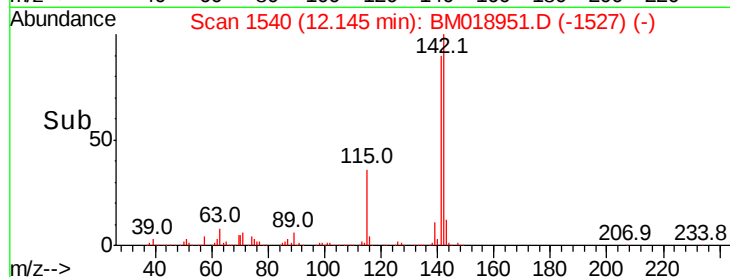
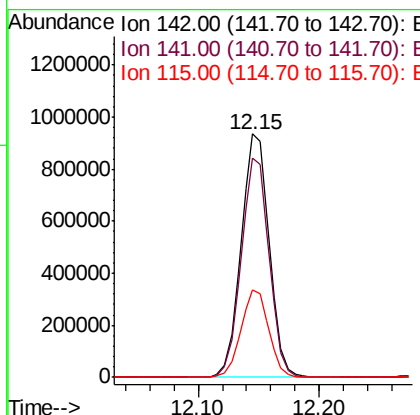
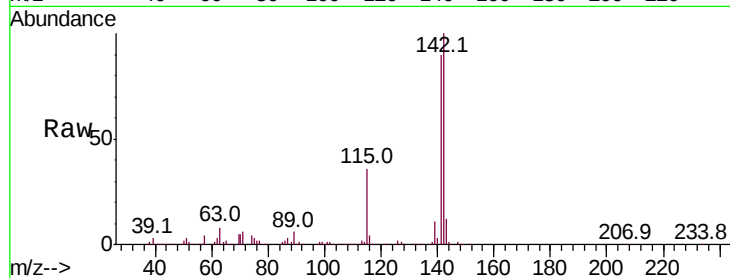
#37
2-Methylnaphthalene
Concen: 46.045 ng
RT: 12.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.2	106.8
115	36.0	29.1	43.7

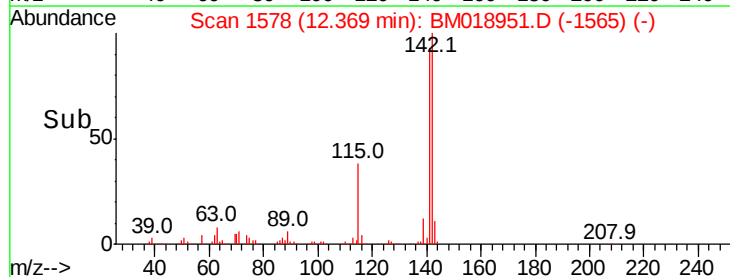
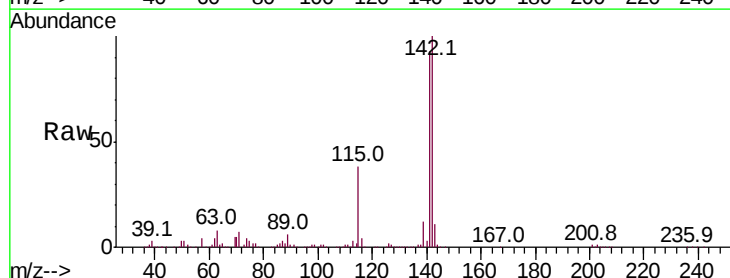
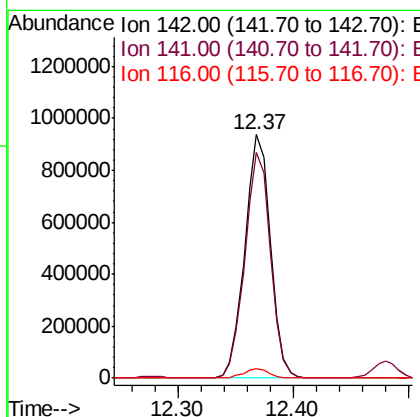
Manual Integrations
APPROVED

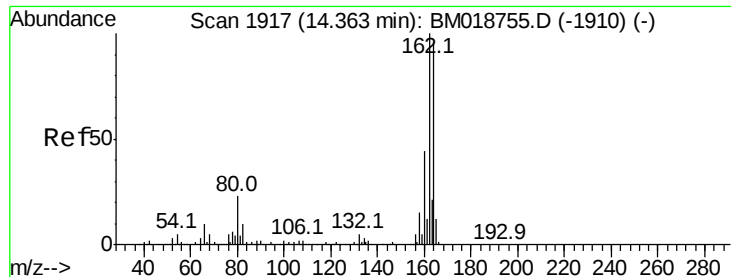
Sohil
2/28/2019 1:33:23 PM



#38
1-Methylnaphthalene
Concen: 44.812 ng
RT: 12.37 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.9	110.9
116	4.1	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.34 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

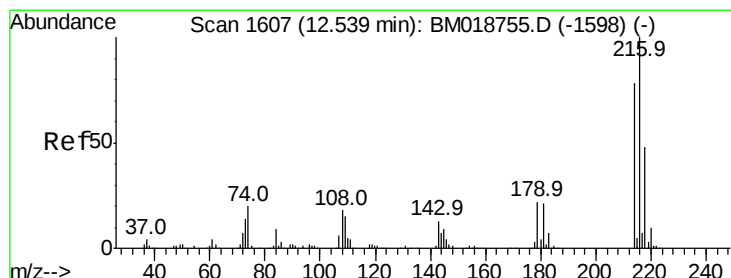
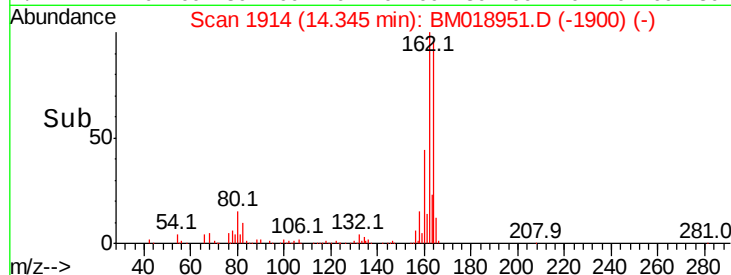
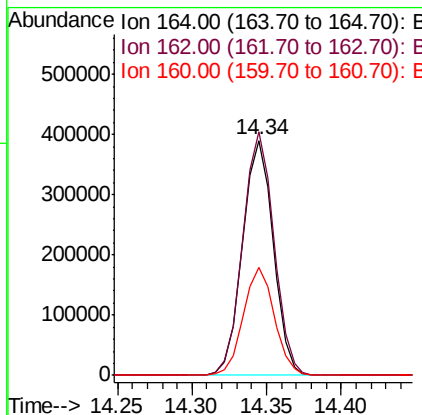
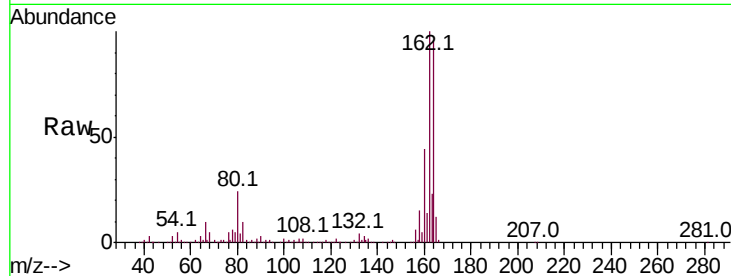
ClientSampled :

PB117415BS

Tot Ion:	164	Resp:	555785
Ion Ratio	Lower	Upper	
164	100		
162	103.7	83.4	125.0
160	45.9	36.6	55.0

Manual Integrations
APPROVED

Sohil
2/28/2019 1:33:23 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.031 ng

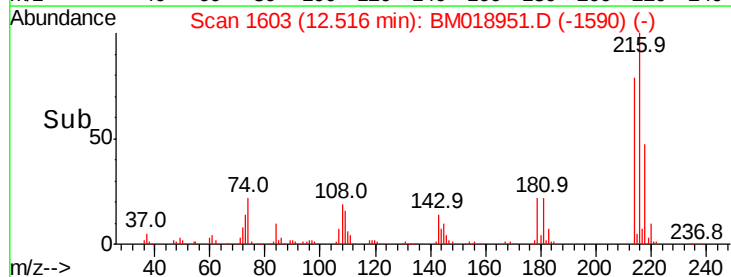
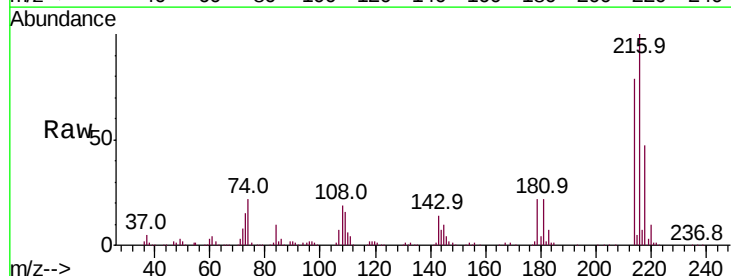
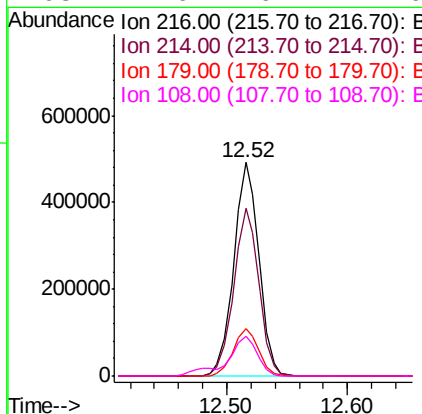
RT: 12.52 min Scan# 1603

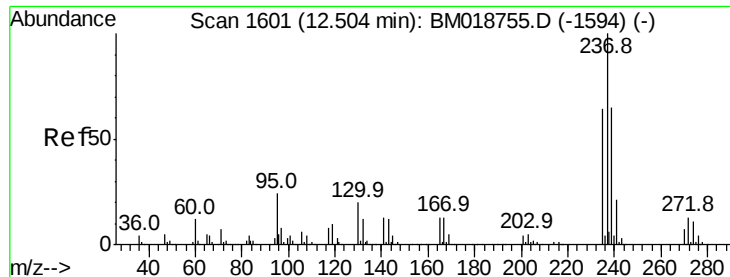
Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Tgt Ion:	216	Resp:	711720
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.2	94.8
179	22.4	17.8	26.8
108	22.6	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 82.101 ng

RT: 12.48 min Scan# 1597

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

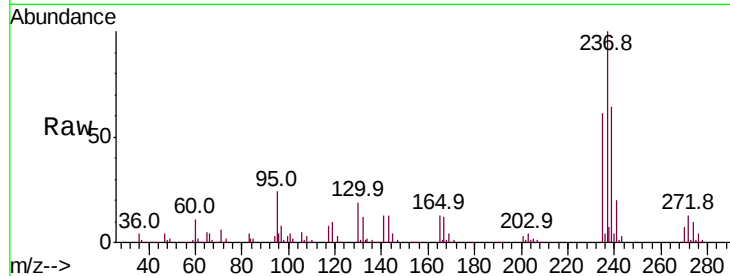
ClientSampleId :

PB117415BS

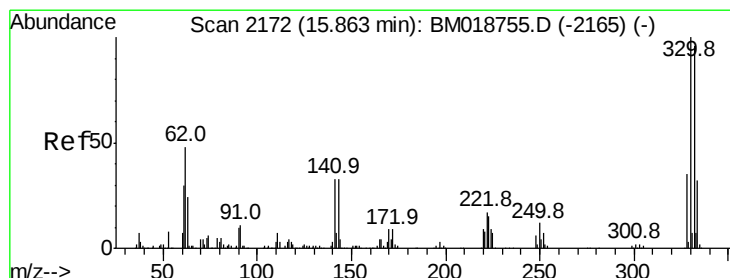
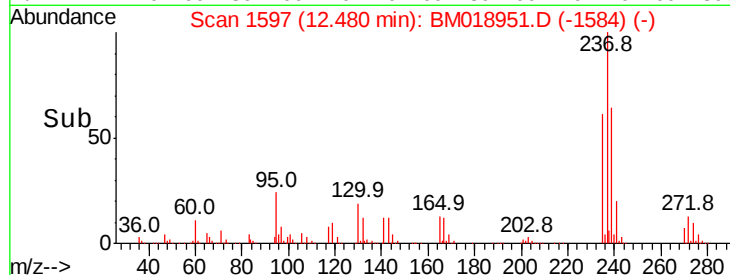
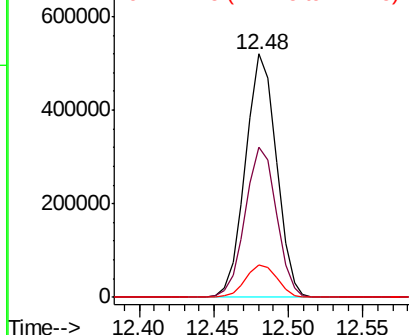
Tot Ion:	237	Resp:	746290
Ion Ratio	Lower	Upper	
237	100		
235	61.5	43.7	83.7
272	13.3	0.0	33.3

Manual Integrations
APPROVED

Sohil
2/28/2019 1:33:23 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: 143.280 ng

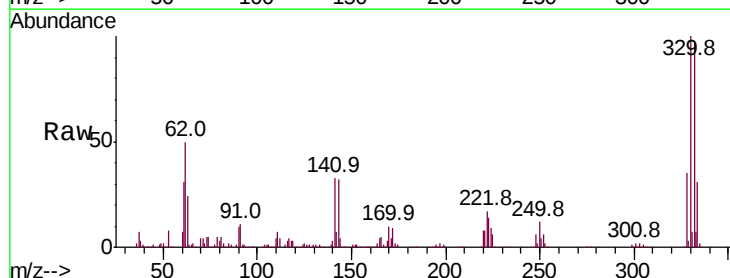
RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

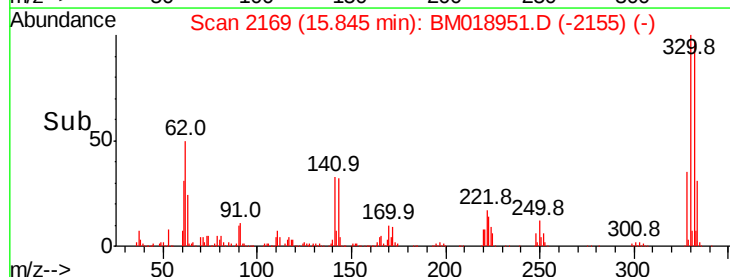
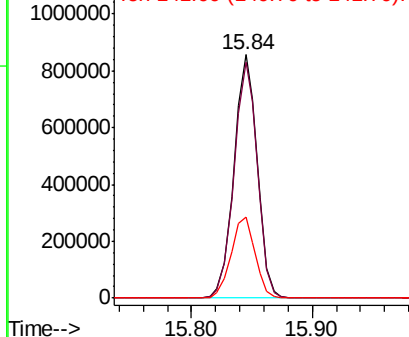
Lab File: BM018951.D

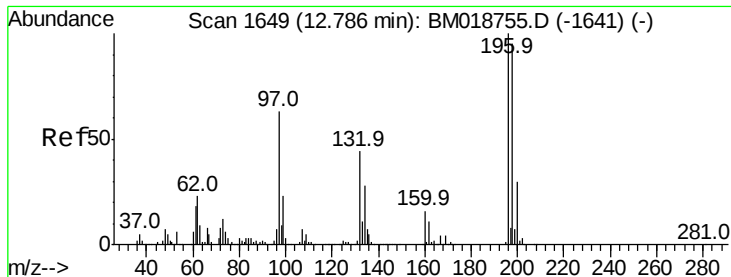
Acq: 27 Feb 2019 16:08

Tgt Ion:	330	Resp:	1147889
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.9	115.3
141	34.5	28.7	43.1



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





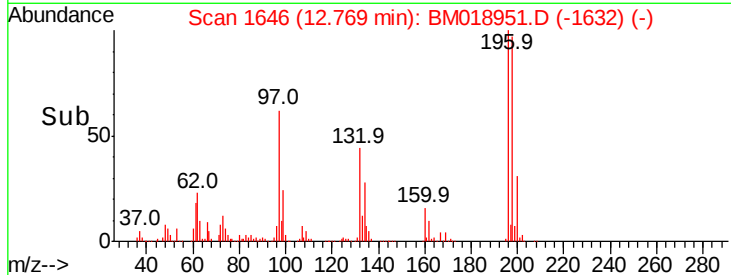
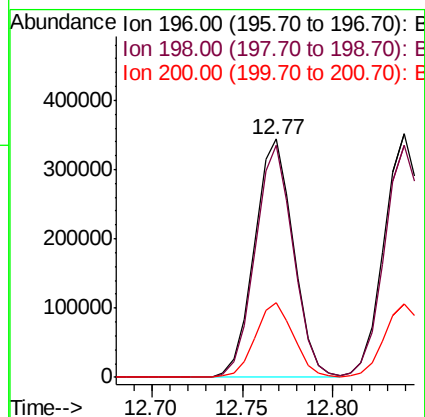
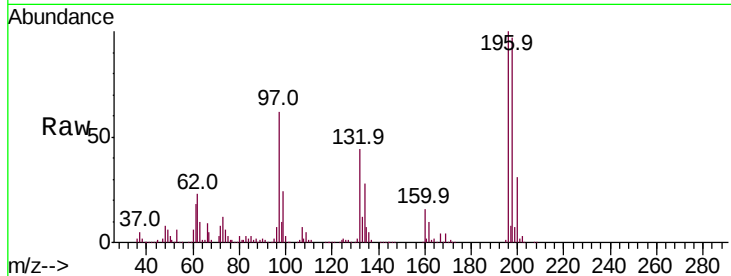
#43
 2,4,6-Trichlorophenol
 Concen: 43.655 ng
 RT: 12.77 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Instrument :
 BNA_M
 ClientSampleId :
 PB117415BS

Tot Ion:	196	Resp:	513809
Ion Ratio	Lower	Upper	
196	100		
198	97.1	76.2	114.2
200	31.2	24.2	36.2

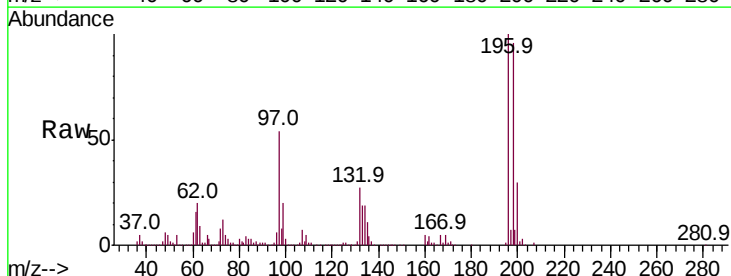
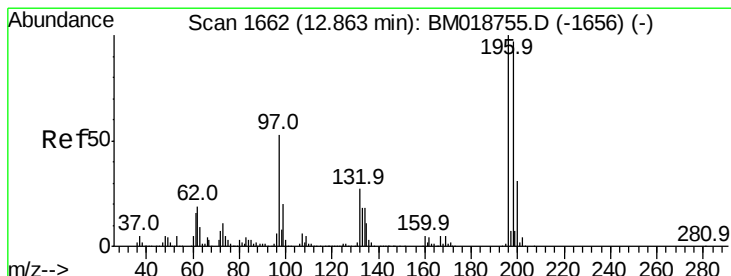
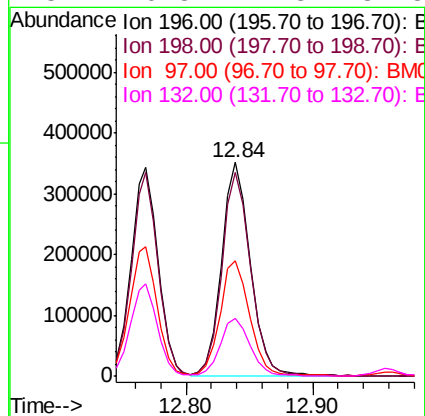
Manual Integrations
 APPROVED

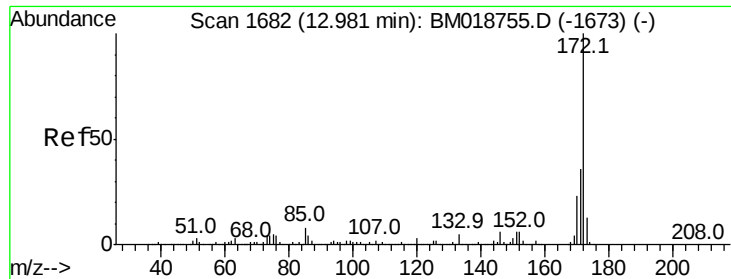
Sohil
 2/28/2019 1:33:23 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.401 ng
 RT: 12.84 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Tgt Ion:	196	Resp:	547743
Ion Ratio	Lower	Upper	
196	100		
198	95.6	77.6	116.4
97	54.2	42.8	64.2
132	26.8	21.8	32.8





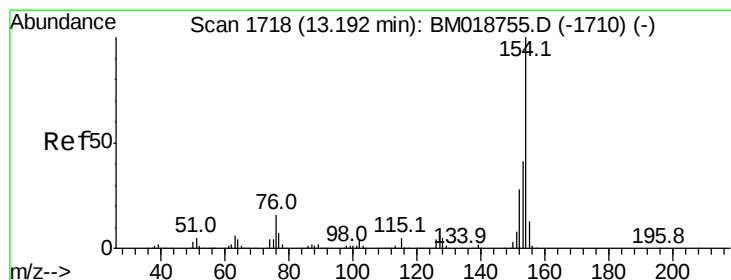
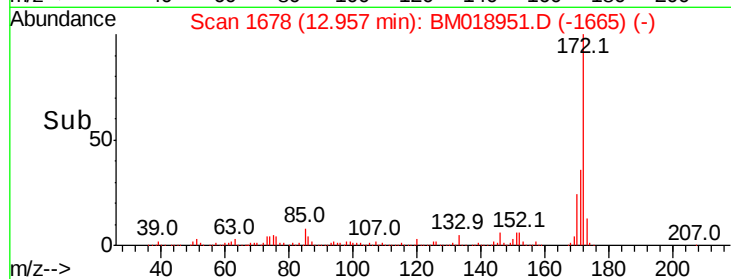
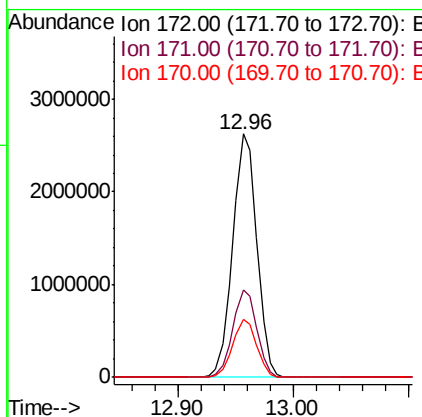
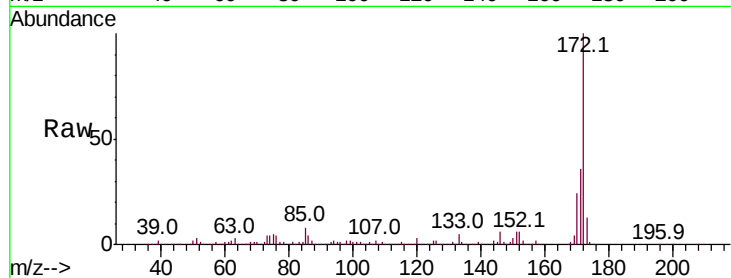
#45
2-Fluorobiphenyl
Concen: 90.693 ng
RT: 12.96 min Scan# 1678
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.7	18.6	28.0

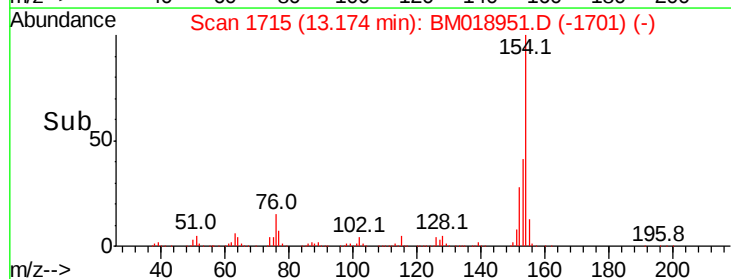
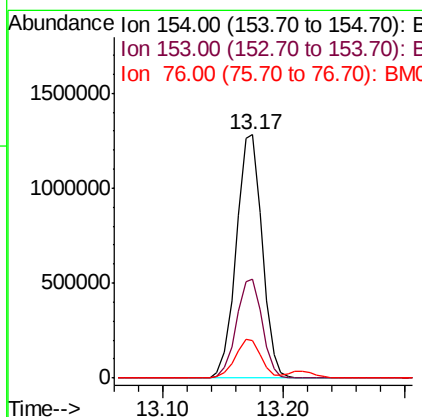
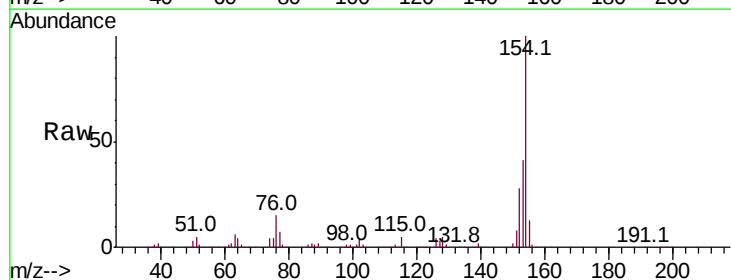
Manual Integrations
APPROVED

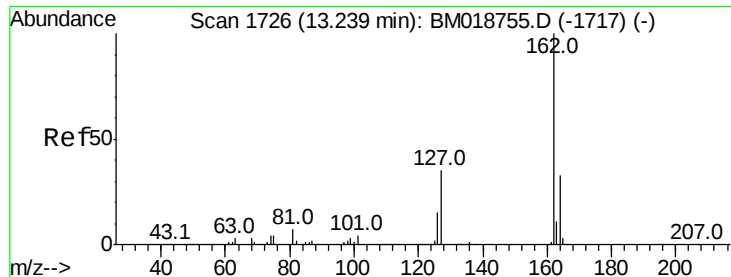
Sohil
2/28/2019 1:33:23 PM



#46
1,1'-Biphenyl
Concen: 40.052 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.1	61.1
76	15.5	0.0	35.7





#47

2-Chloronaphthalene

Concen: 40.540 ng

RT: 13.22 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

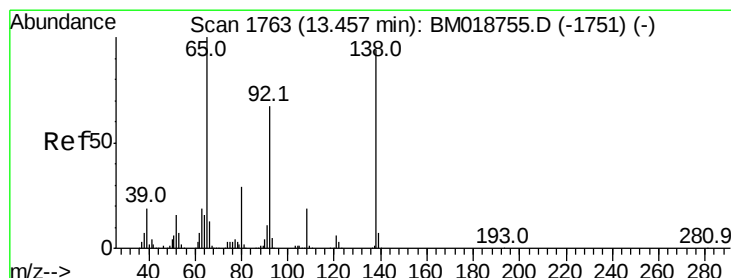
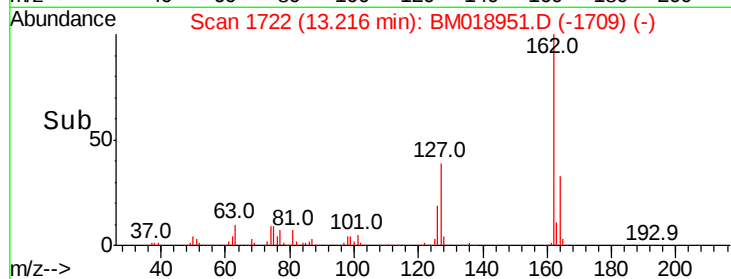
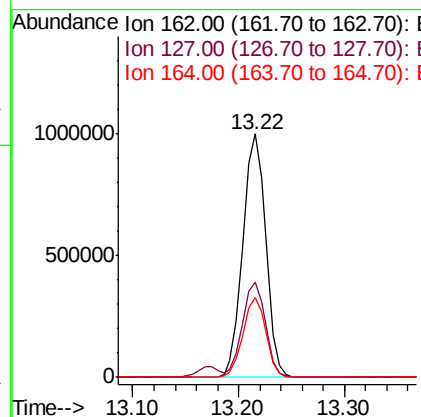
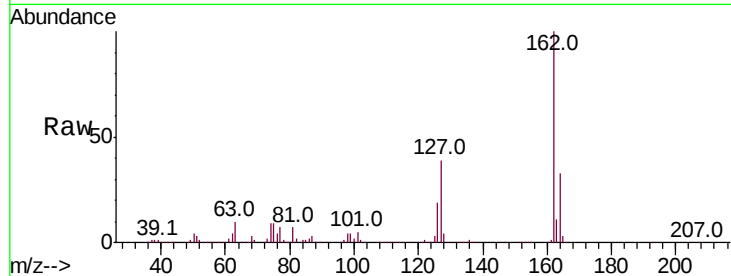
Instrument :
BNA_M

ClientSampled :
PB117415BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.1	46.7
164	32.7	26.4	39.6

Manual Integrations
APPROVED

Sohil
2/28/2019 1:33:23 PM



#48

2-Nitroaniline

Concen: 43.961 ng

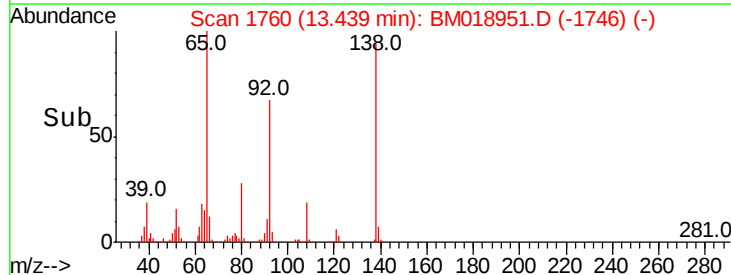
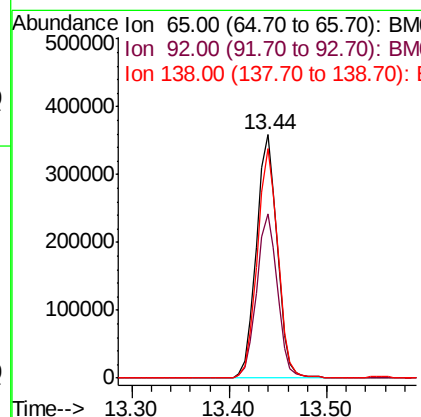
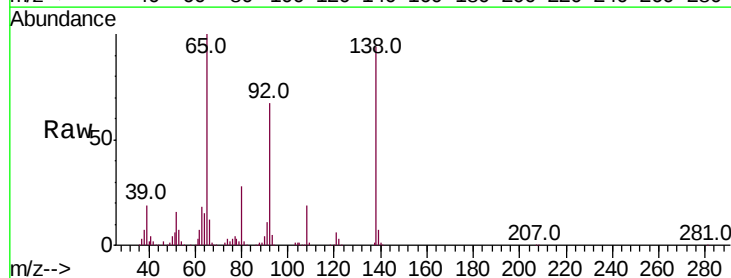
RT: 13.44 min Scan# 1760

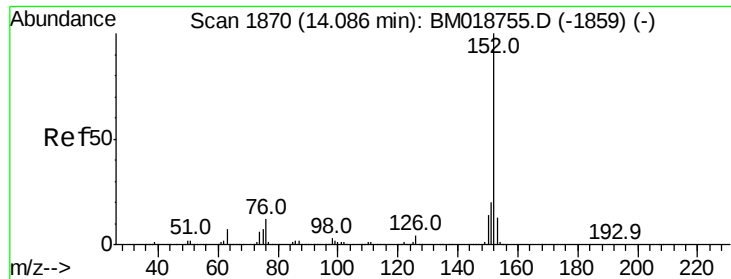
Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	54.0	81.0
138	94.3	74.9	112.3





#49

Acenaphthylene

Concen: 44.853 ng

RT: 14.07 min Scan# 1867

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

ClientSampleId :

PB117415BS

Tot Ion:152 Resp: 2467864

Ion Ratio Lower Upper

152 100

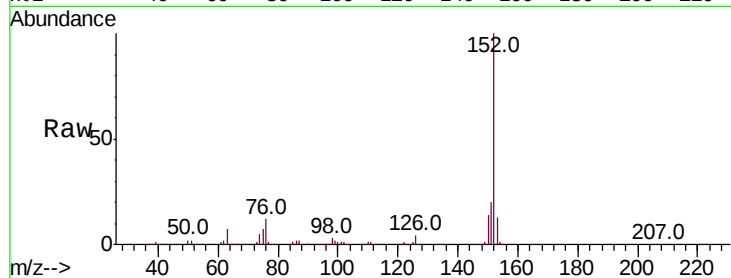
151 20.5 15.8 23.8

153 13.1 10.5 15.7

Manual Integrations
APPROVED

Sohil

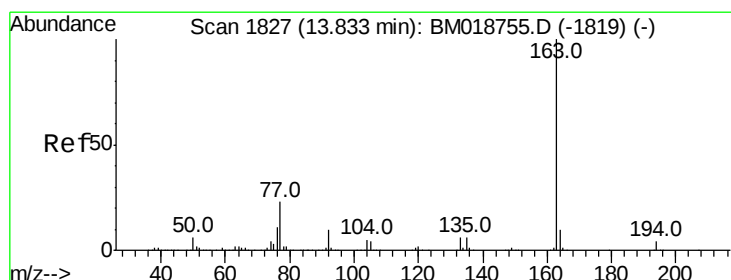
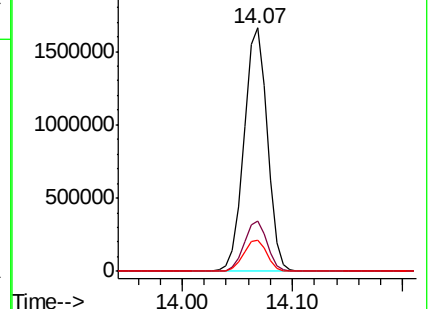
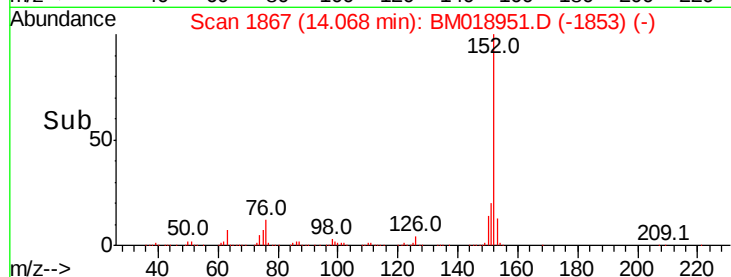
2/28/2019 1:33:23 PM



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: 40.465 ng

RT: 13.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

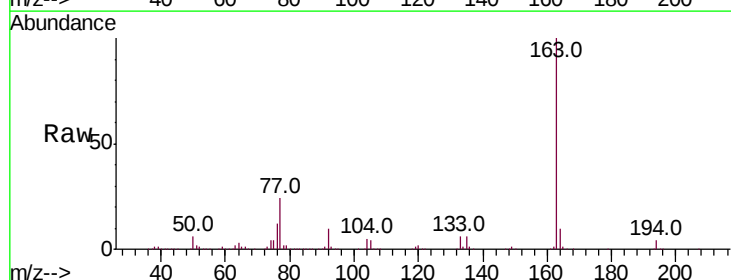
Tgt Ion:163 Resp: 1874287

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

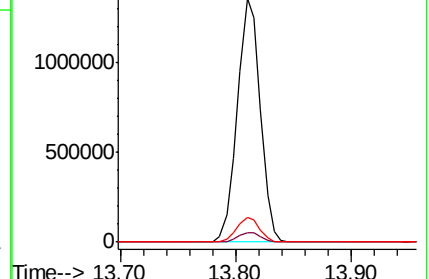
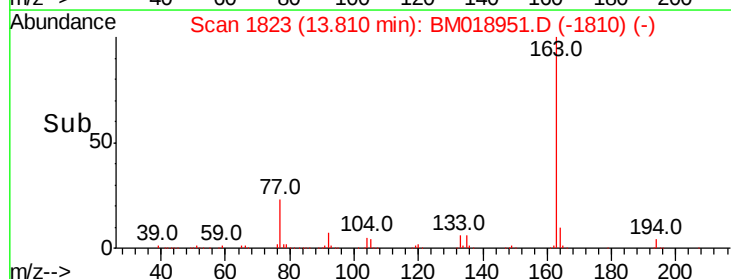
164 10.1 7.8 11.8

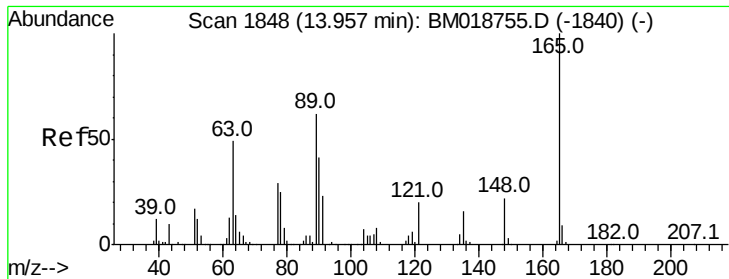


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





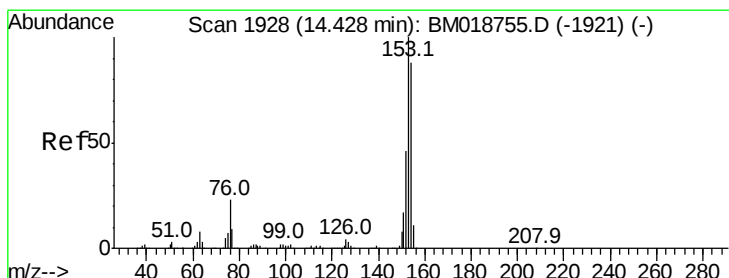
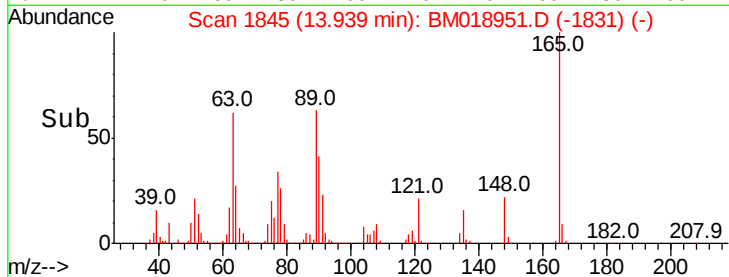
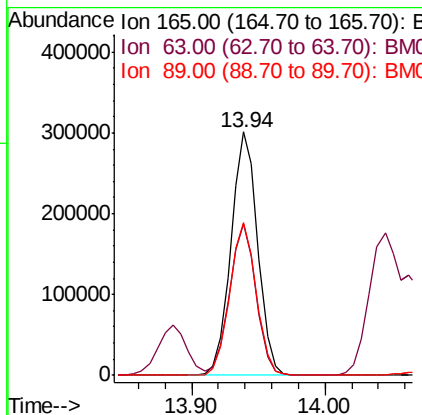
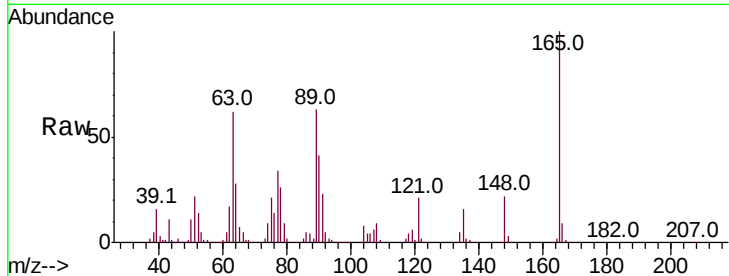
#51
2,6-Dinitrotoluene
Concen: 41.619 ng
RT: 13.94 min Scan# 1845
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	417590		
63	62.4	48.9	73.3	
89	63.0	49.4	74.0	

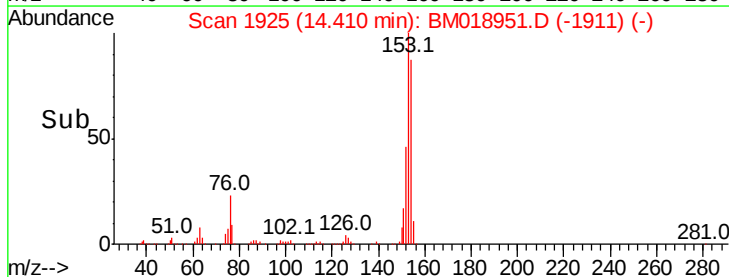
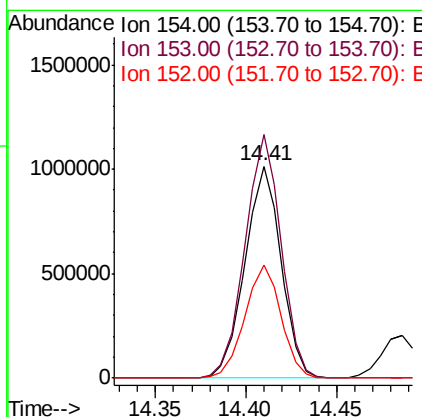
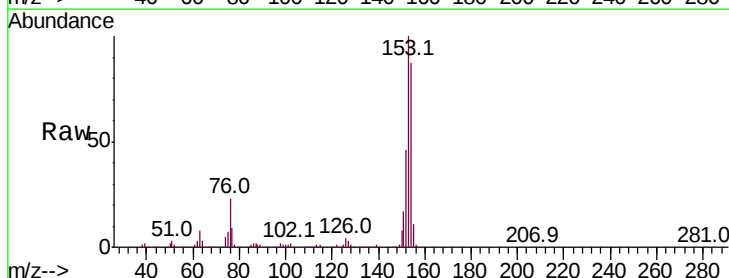
Manual Integrations
APPROVED

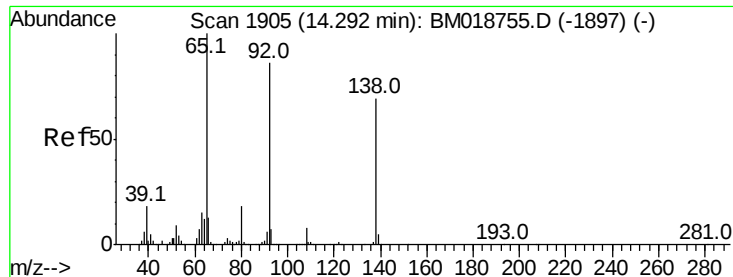
Sohil
2/28/2019 1:33:23 PM



#52
Acenaphthene
Concen: 41.682 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1406269		
153	115.0	91.3	136.9	
152	53.3	42.2	63.4	





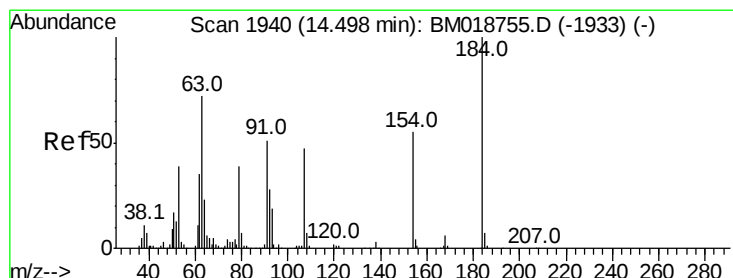
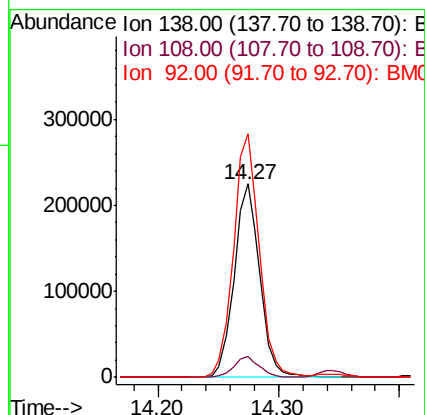
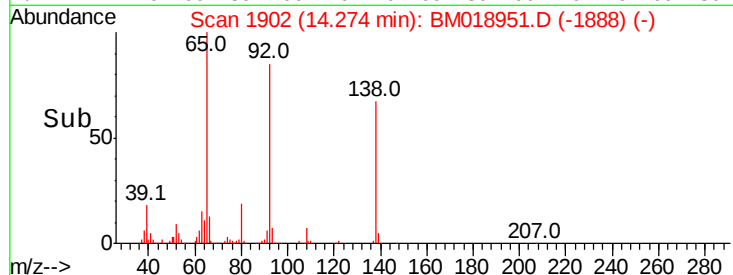
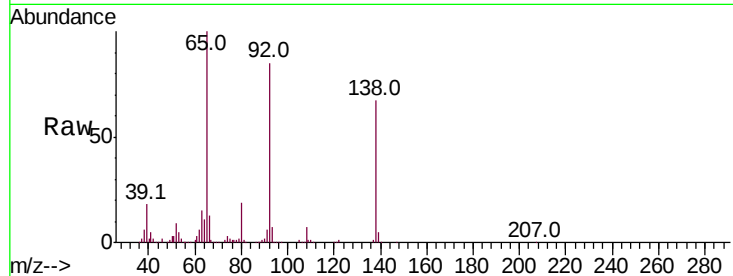
#53
3-Nitroaniline
Concen: 29.257 ng
RT: 14.27 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	125.7	99.7	149.5

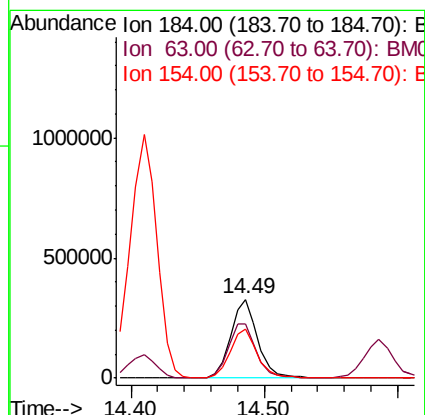
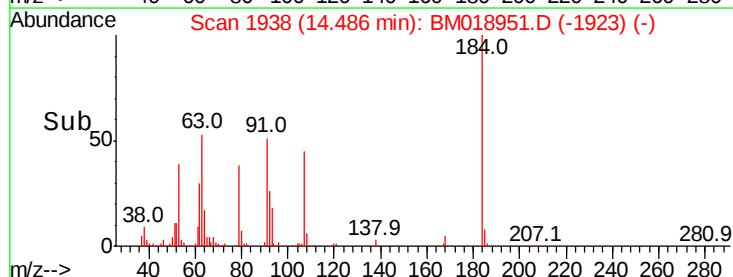
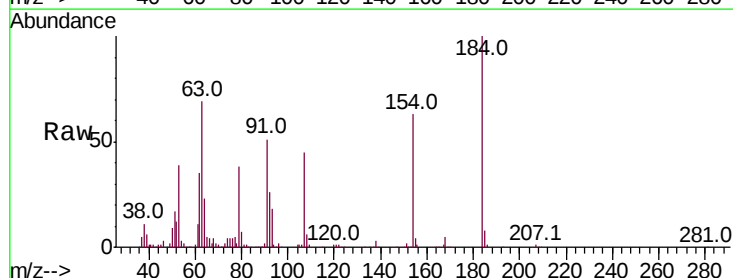
Manual Integrations
APPROVED

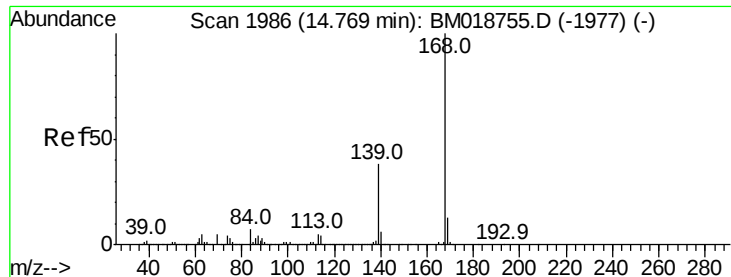
Sohil
2/28/2019 1:33:23 PM



#54
2,4-Dinitrophenol
Concen: 72.960 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.4	58.0	87.0
154	62.7	50.3	75.5





#55

Dibenzofuran

Concen: 41.257 ng

RT: 14.74 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

ClientSampleId :

PB117415BS

Tot Ion:168 Resp: 2287842

Ion Ratio Lower Upper

168 100

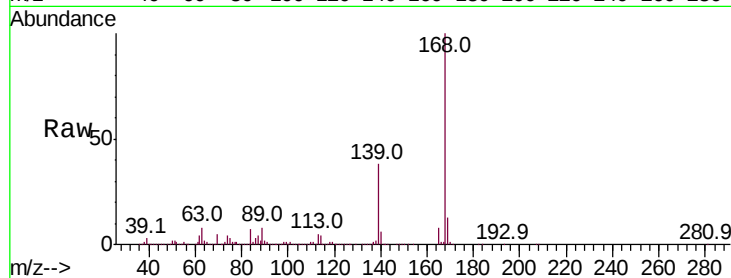
139 38.1 30.7 46.1

169 13.4 10.3 15.5

Manual Integrations
APPROVED

Sohil

2/28/2019 1:33:23 PM

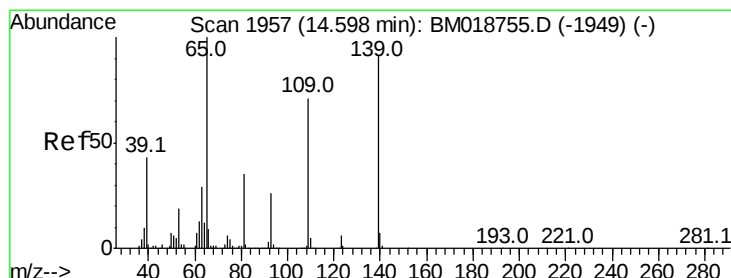
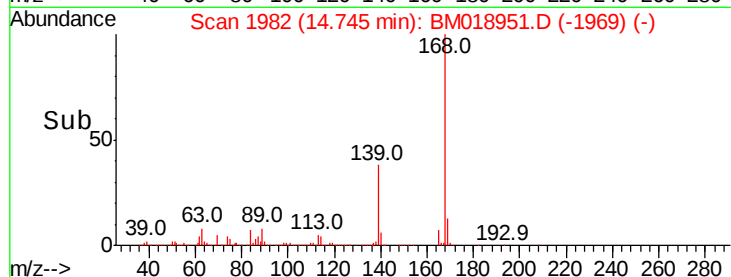
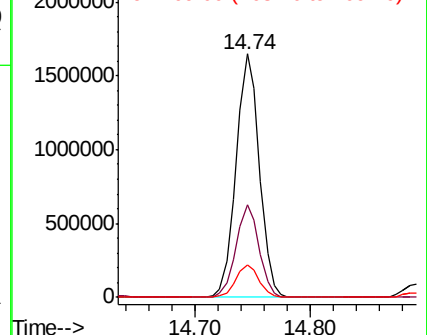


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.231 ng

RT: 14.59 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

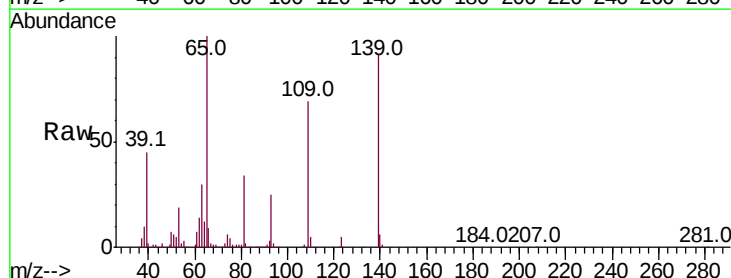
Tgt Ion:139 Resp: 762296

Ion Ratio Lower Upper

139 100

109 76.0 58.4 98.4

65 110.3 89.8 129.8

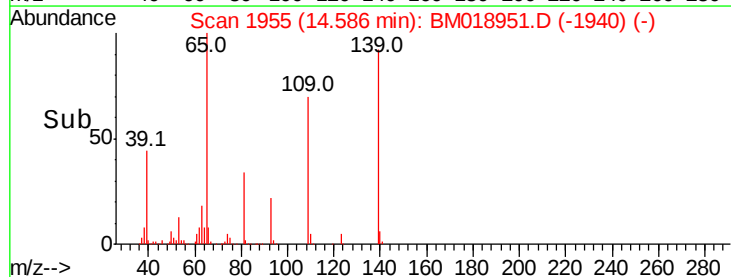
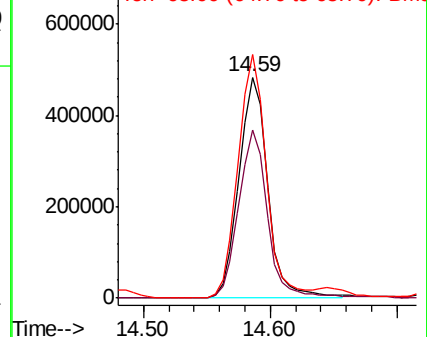


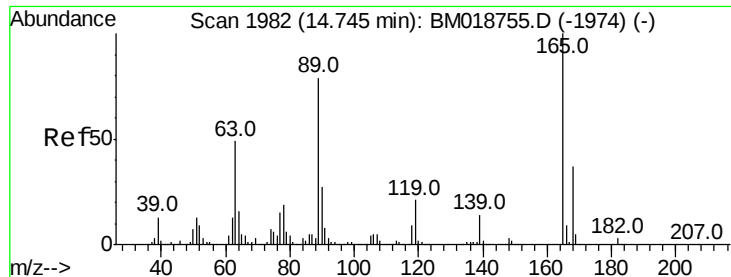
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





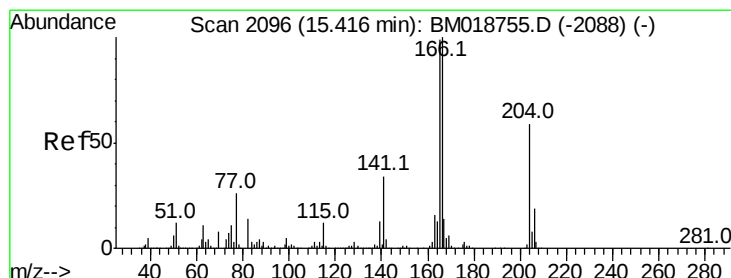
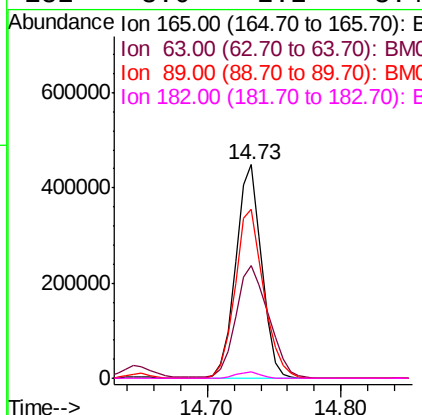
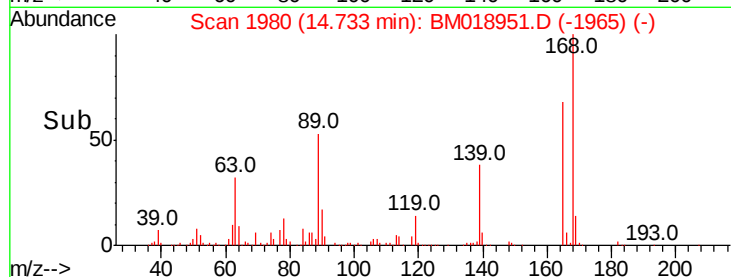
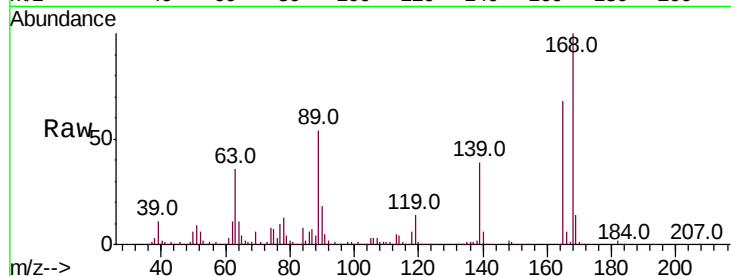
#57
2,4-Dinitrotoluene
Concen: 43.458 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampled :
PB117415BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	600788		
63	53.0		39.6	59.4
89	79.3		63.5	95.3
182	3.0		2.2	3.4

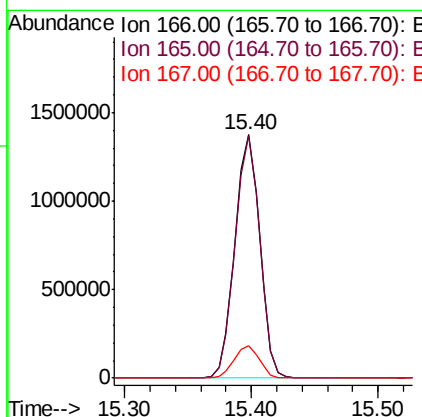
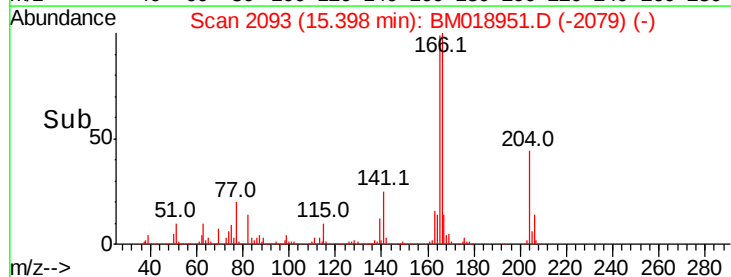
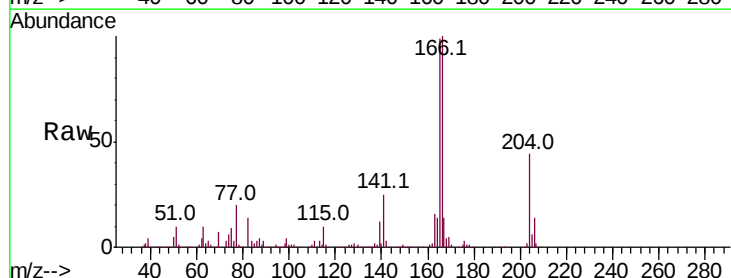
Manual Integrations
APPROVED

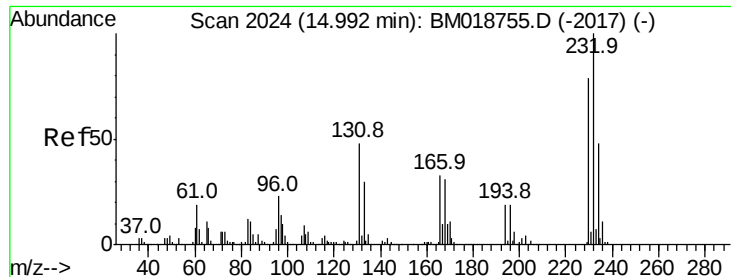
Sohil
2/28/2019 1:33:23 PM



#58
Fluorene
Concen: 44.064 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1869342		
165	99.4		79.1	118.7
167	13.5		11.0	16.4





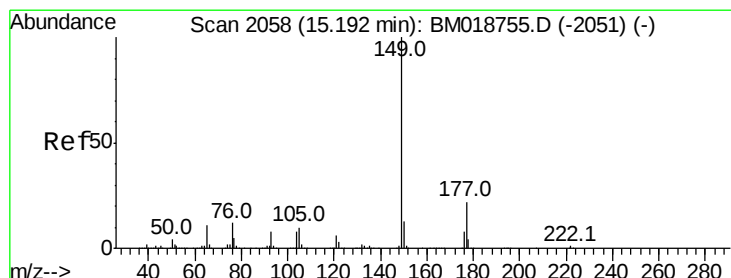
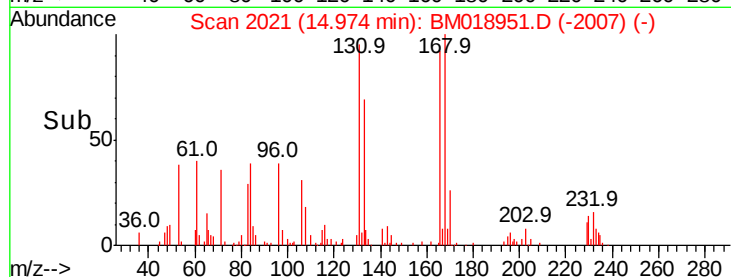
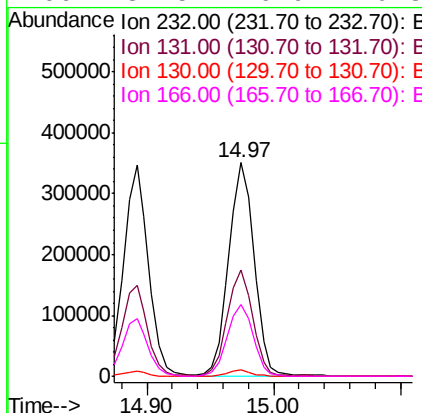
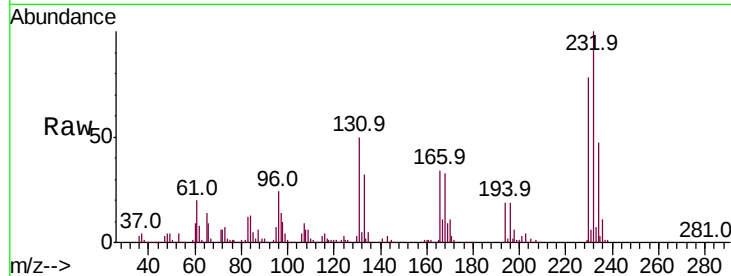
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.334 ng
 RT: 14.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Instrument :
 BNA_M
 ClientSampleId :
 PB117415BS

Tot Ion:	232	Resp:	483420
Ion Ratio	Lower	Upper	
232	100		
131	49.5	38.6	57.8
130	2.7	2.0	3.0
166	34.5	26.9	40.3

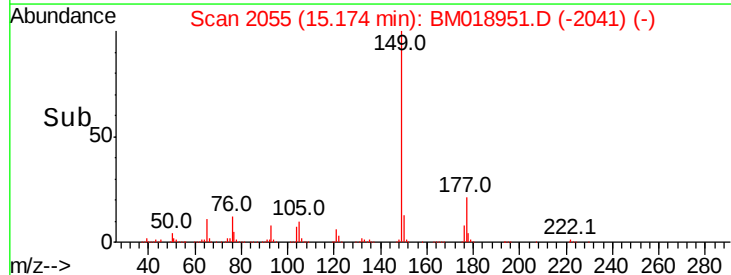
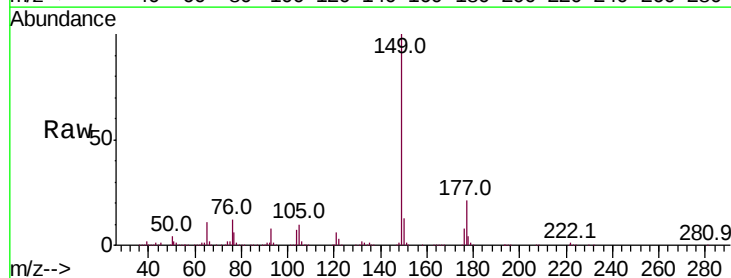
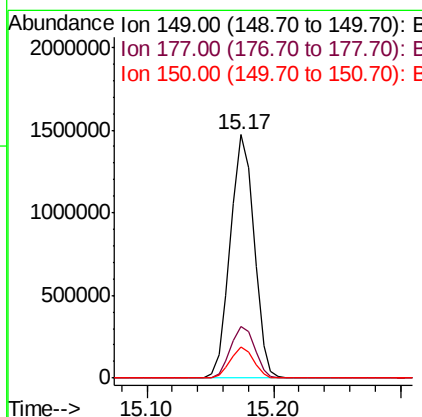
Manual Integrations
 APPROVED

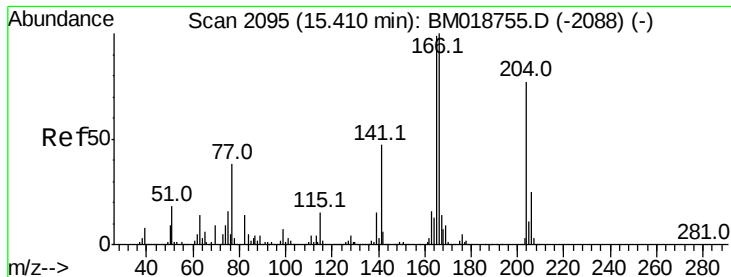
Sohil
 2/28/2019 1:33:23 PM



#60
 Diethylphthalate
 Concen: 39.918 ng
 RT: 15.17 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Tgt Ion:	149	Resp:	1907279
Ion Ratio	Lower	Upper	
149	100		
177	21.4	17.2	25.8
150	12.7	10.2	15.2





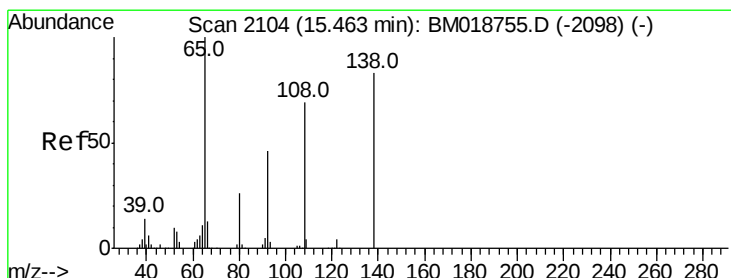
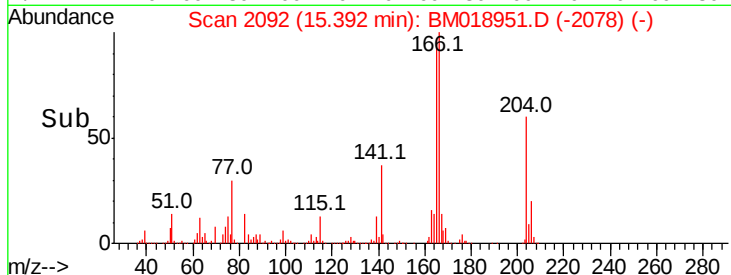
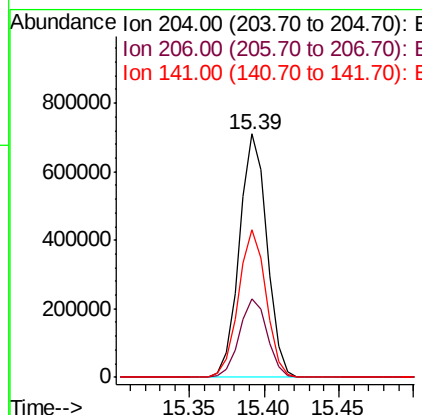
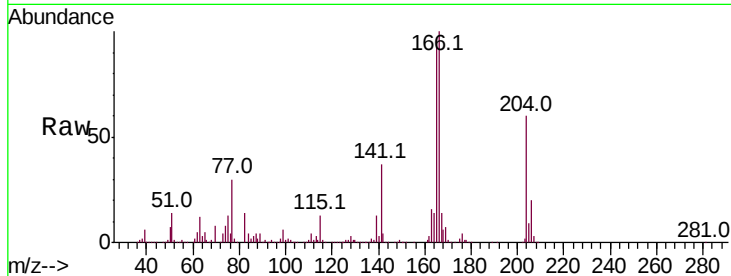
#61
4-Chlorophenyl-phenylether
Concen: 38.368 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampled :
PB117415BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	60.6	49.2	73.8

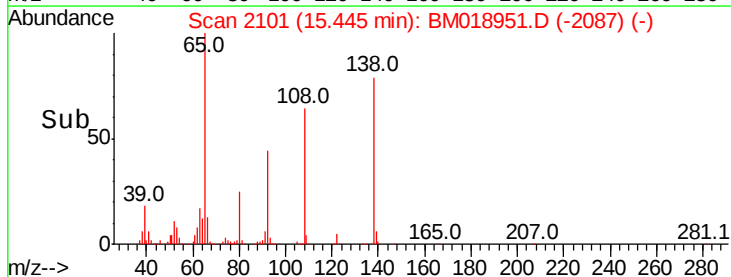
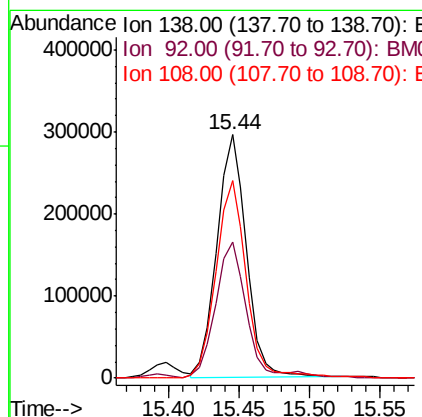
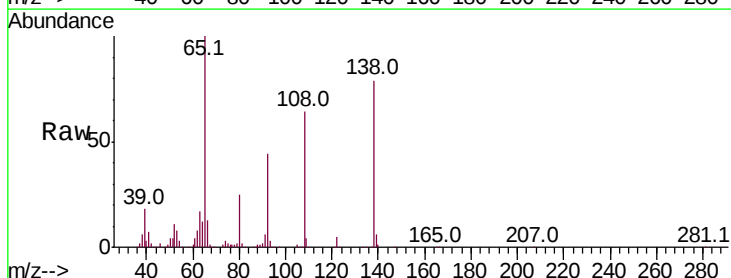
Manual Integrations
APPROVED

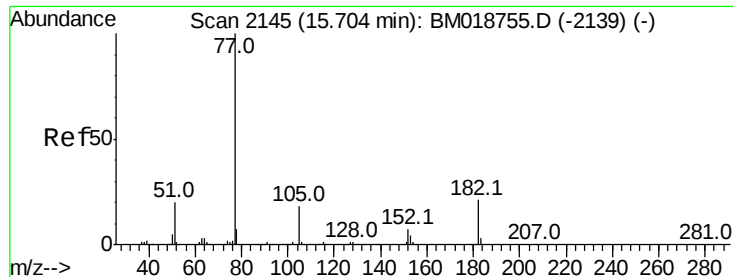
Sohil
2/28/2019 1:33:23 PM



#62
4-Nitroaniline
Concen: 38.560 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.8	35.5	75.5
108	81.1	62.4	102.4





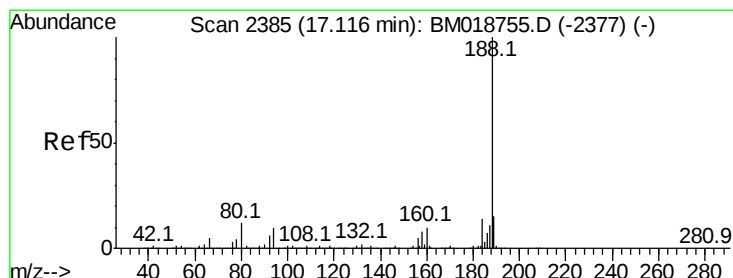
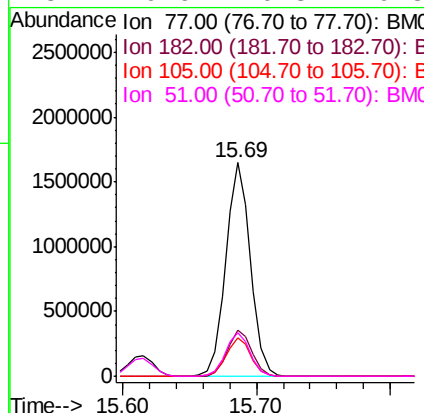
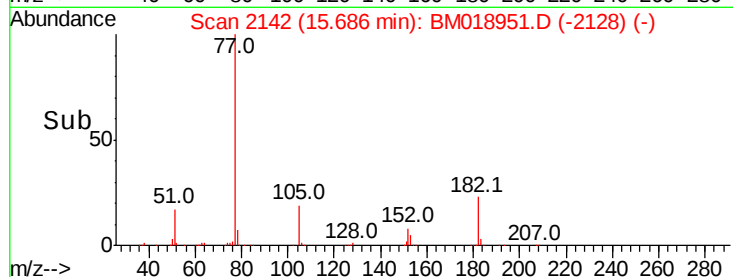
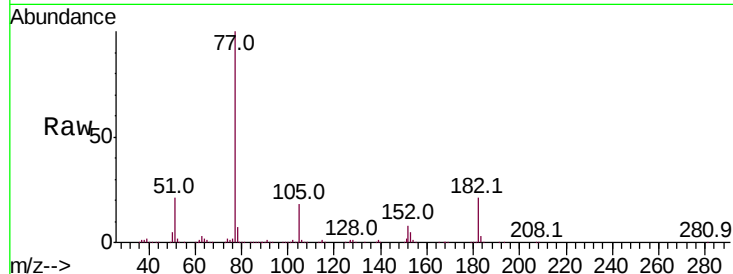
#63
Azobenzene
Concen: 41.423 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.0	41.0
105	18.1	0.0	37.7
51	20.6	0.3	40.3

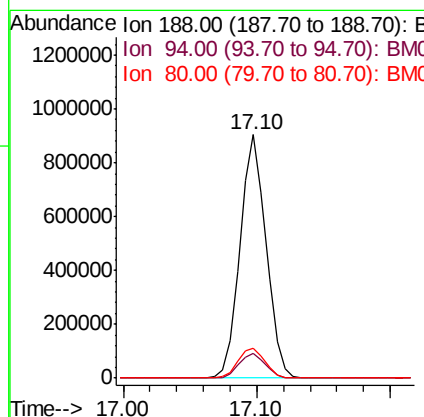
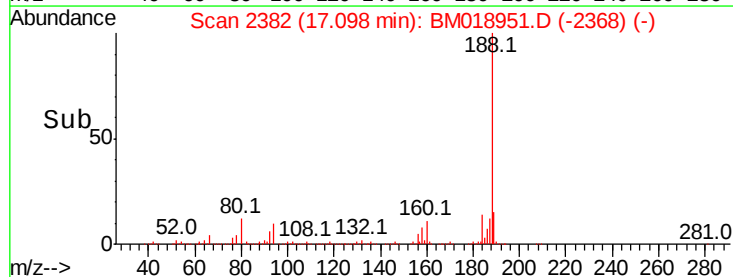
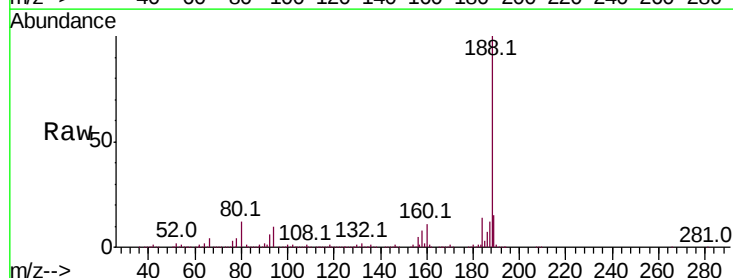
Manual Integrations
APPROVED

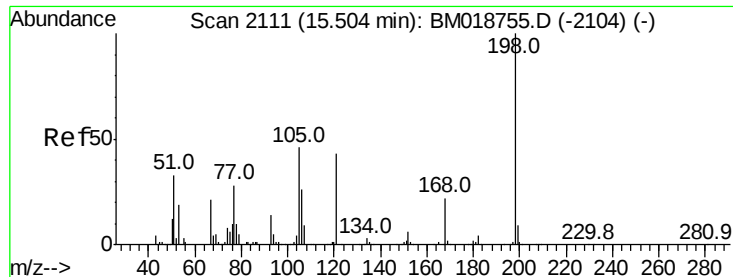
Sohil
2/28/2019 1:33:23 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	12.4	9.7	14.5





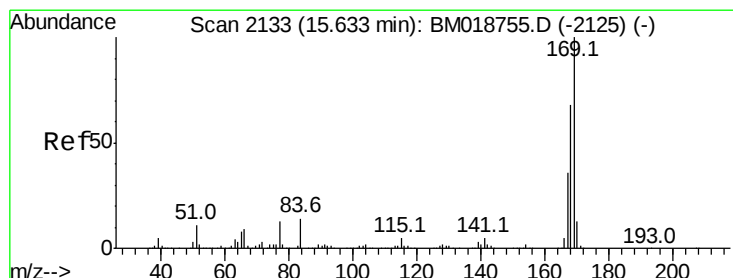
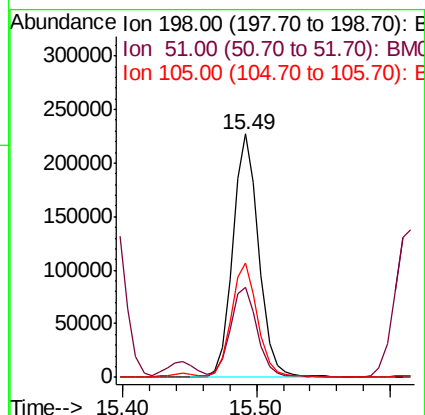
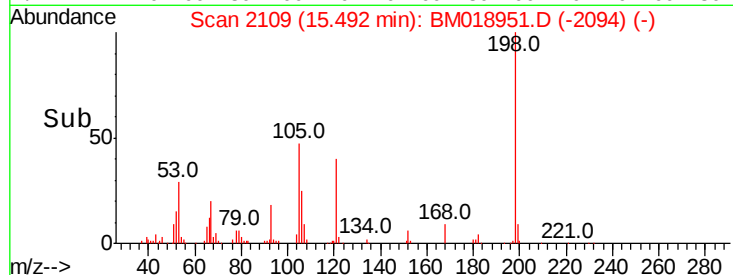
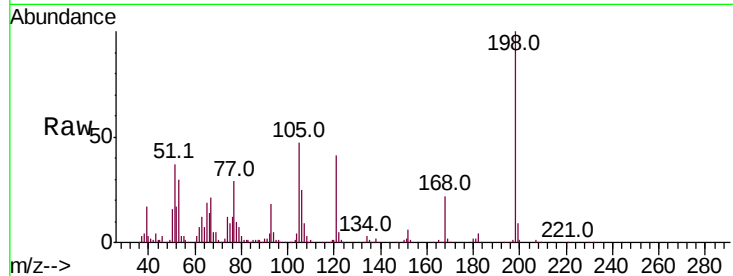
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.008 ng
 RT: 15.49 min Scan# 2109
 Delta R.T. -0.01 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Instrument :
 BNA_M
 ClientSampled :
 PB117415BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	308364		
51	37.0	18.4	58.4	
105	47.0	27.2	67.2	

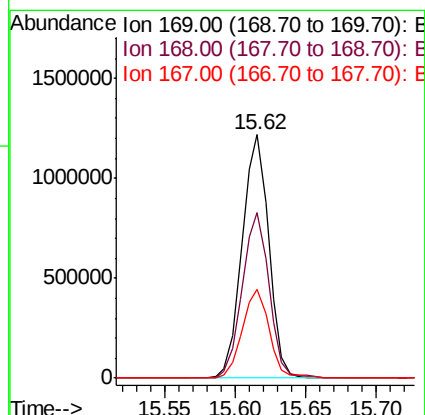
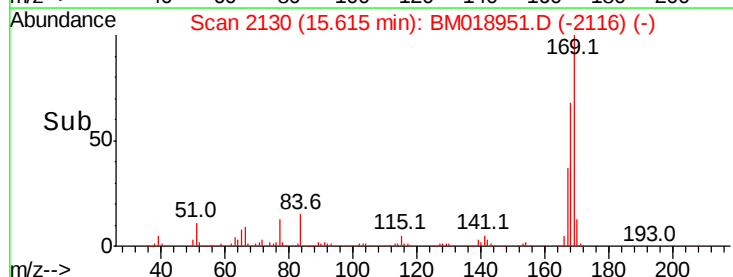
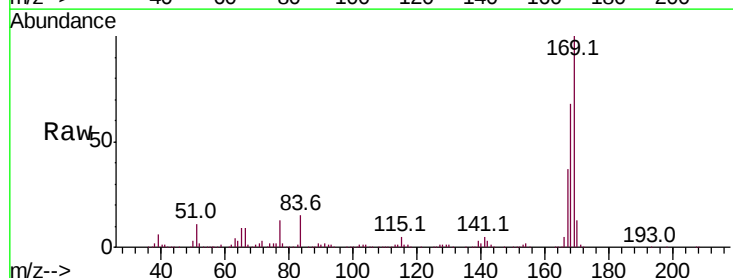
Manual Integrations
 APPROVED

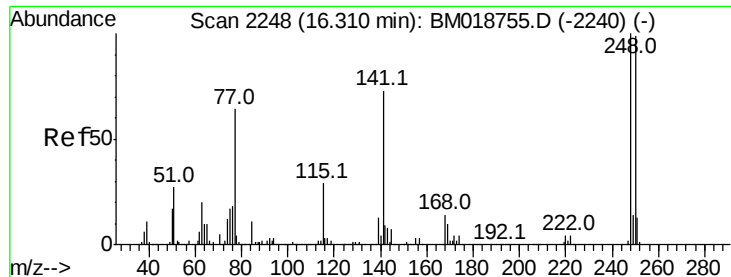
Sohil
 2/28/2019 1:33:23 PM



#66
 n-Nitrosodiphenylamine
 Concen: 41.673 ng
 RT: 15.62 min Scan# 2130
 Delta R.T. -0.02 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1605886		
168	68.2	54.4	81.6	
167	36.7	29.0	43.6	





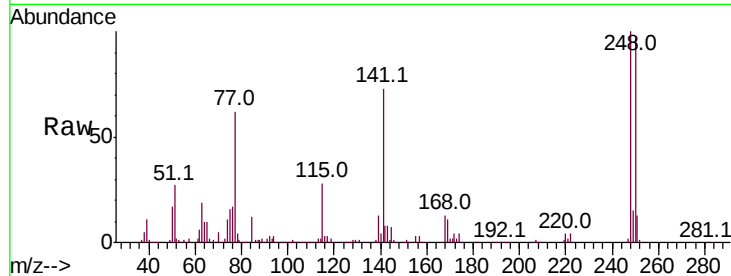
#67
4-Bromophenyl-phenylether
Concen: 39.940 ng
RT: 16.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampled :
PB117415BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.0	118.6
141	72.5	58.6	88.0

Manual Integrations
APPROVED

Sohil
2/28/2019 1:33:23 PM

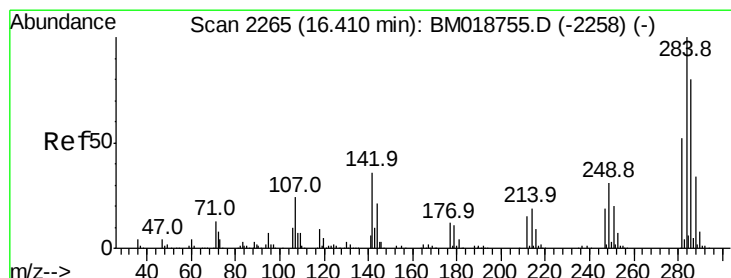
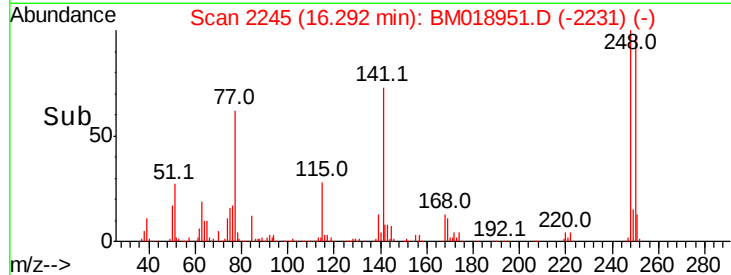
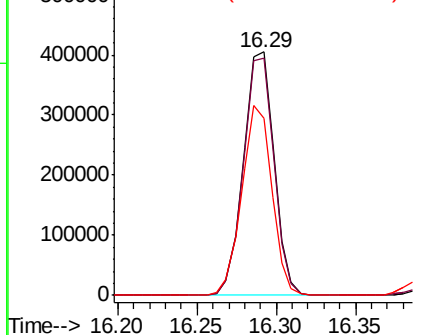


Abundance

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: 40.717 ng
RT: 16.39 min Scan# 2262
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

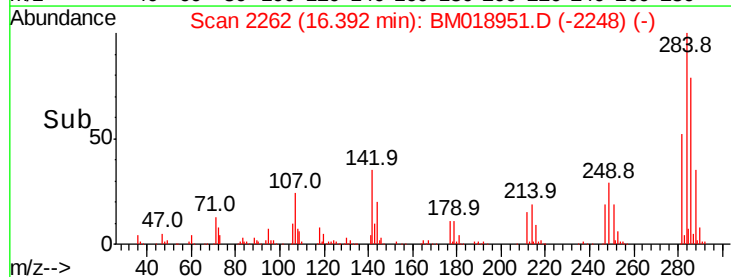
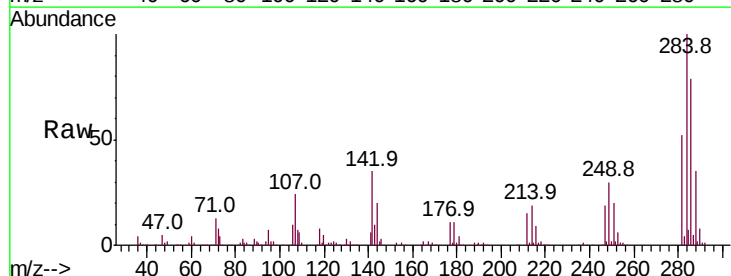
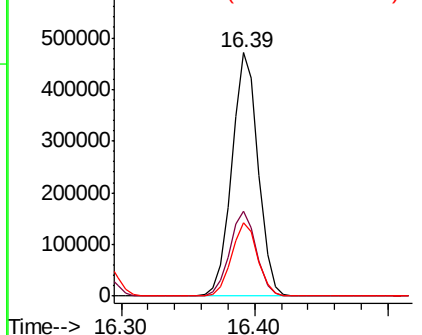
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.9	43.3
249	30.1	24.8	37.2

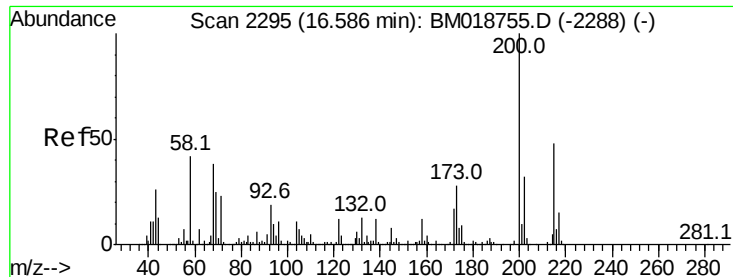
Abundance

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





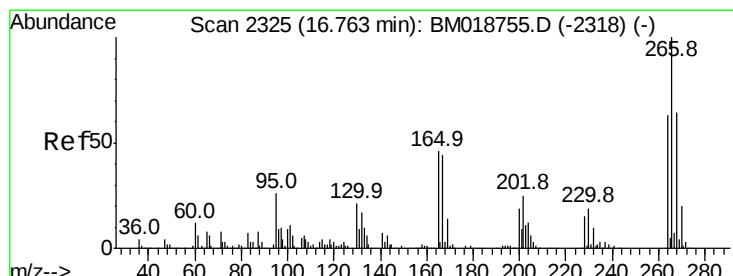
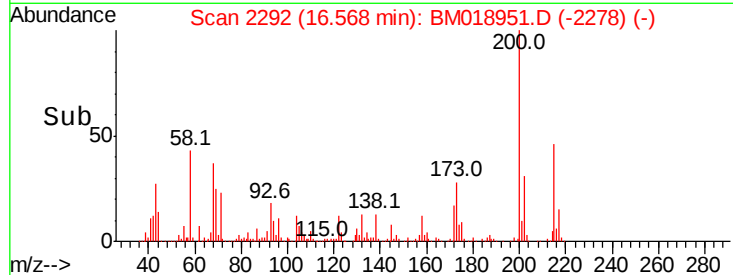
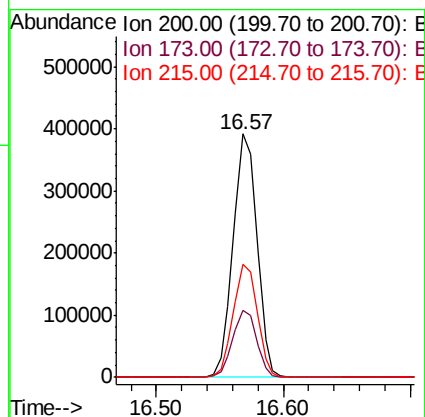
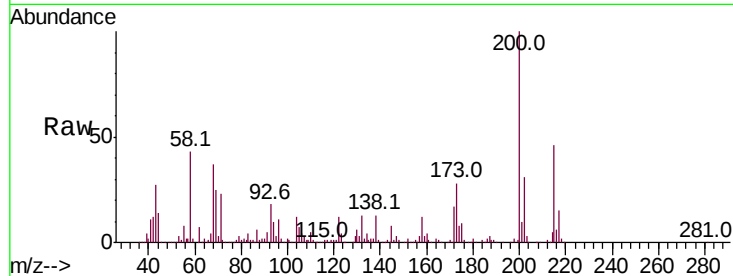
#69
Atrazine
Concen: 41.040 ng
RT: 16.57 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampled :
PB117415BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.8	7.6	47.6
215	46.5	27.6	67.6

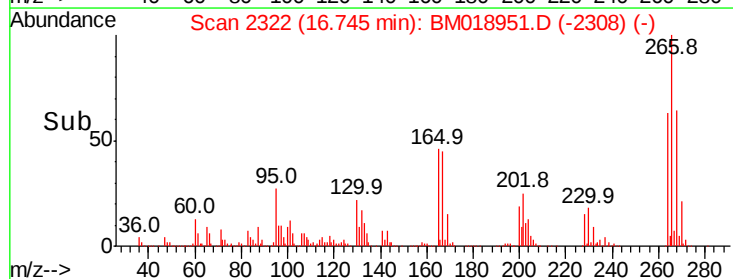
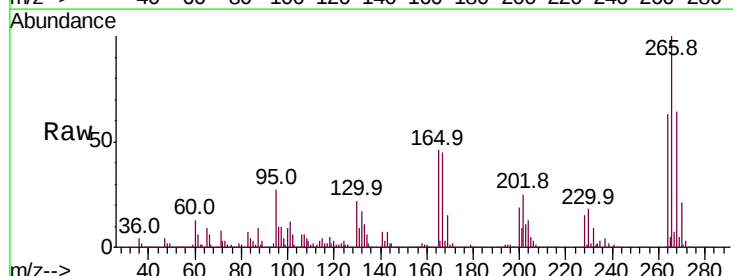
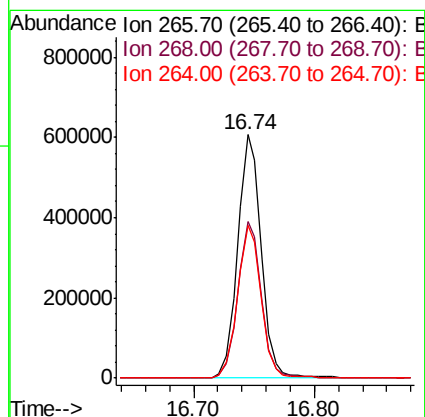
Manual Integrations
APPROVED

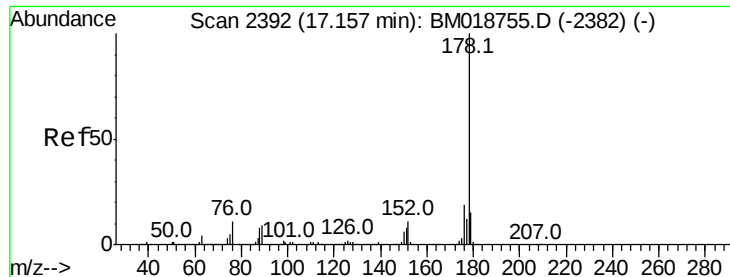
Sohil
2/28/2019 1:33:23 PM



#70
Pentachlorophenol
Concen: 80.761 ng
RT: 16.74 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	51.3	76.9
264	62.7	50.6	75.8





#71

Phenanthrene

Concen: 44.655 ng

RT: 17.14 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

ClientSampleId :

PB117415BS

Tot Ion:178 Resp: 2927061

Ion Ratio Lower Upper

178 100

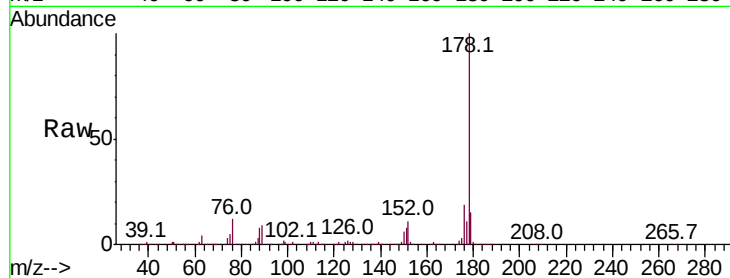
176 19.3 15.4 23.0

179 15.2 12.3 18.5

Manual Integrations
APPROVED

Sohil

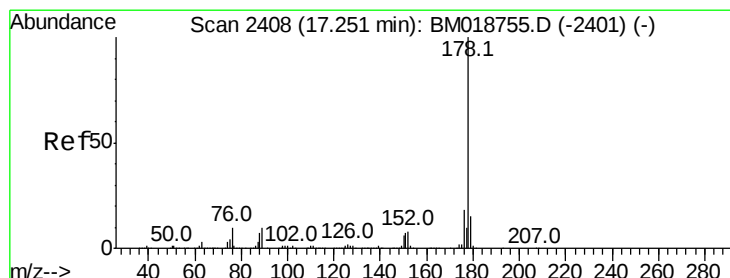
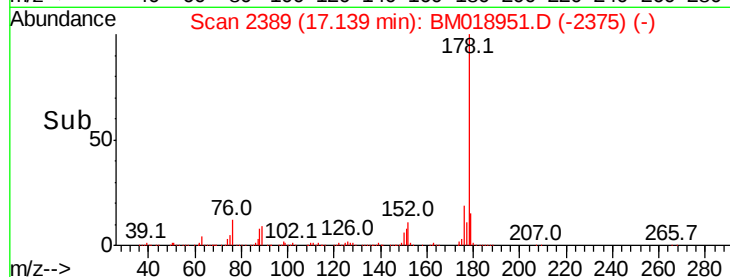
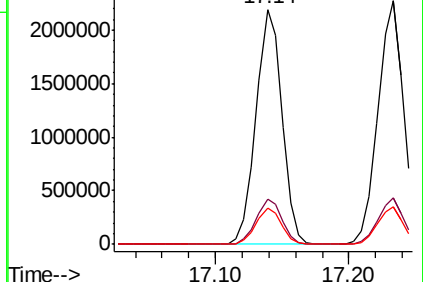
2/28/2019 1:33:23 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.148 ng

RT: 17.23 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

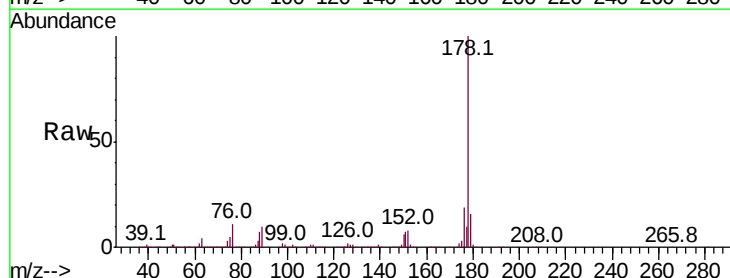
Tgt Ion:178 Resp: 3008073

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

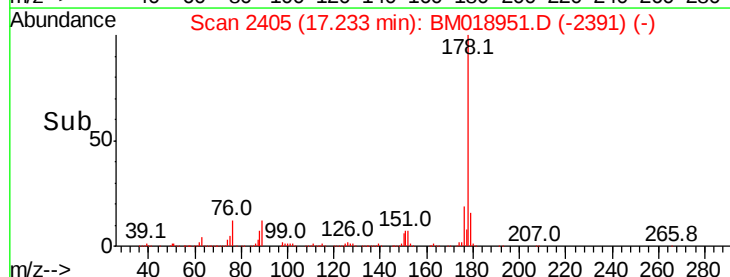
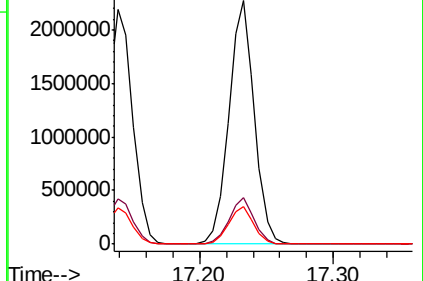
179 15.5 12.1 18.1

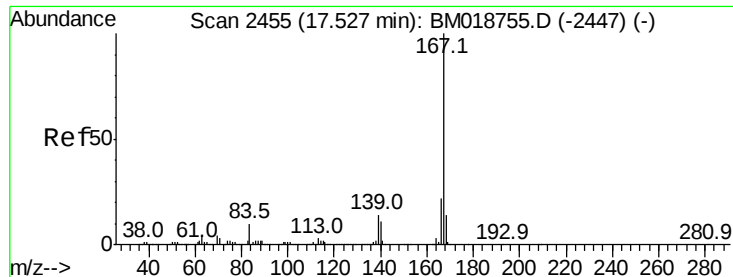


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





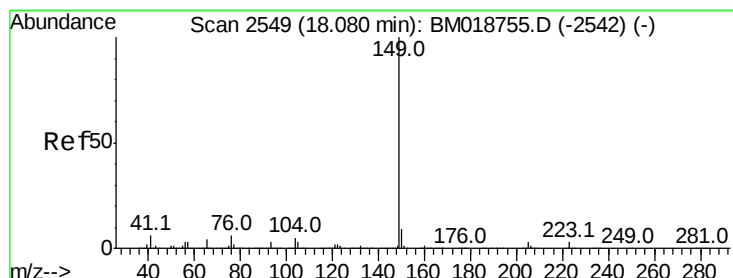
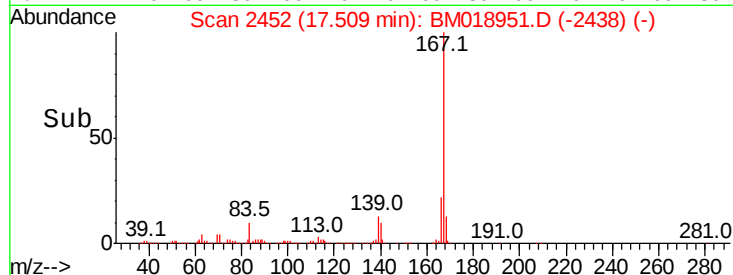
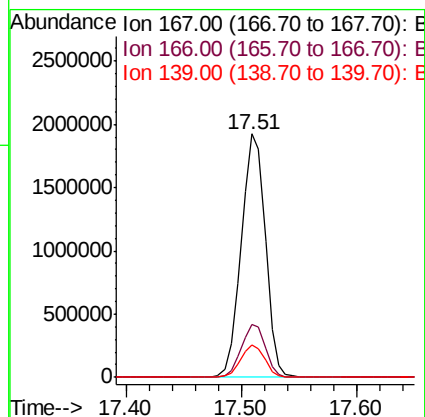
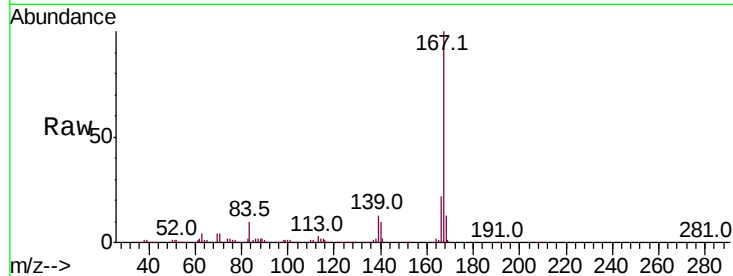
#73
 Carbazole
 Concen: 41.804 ng
 RT: 17.51 min Scan# 2452
 Delta R.T. -0.02 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Instrument :
 BNA_M
 ClientSampled :
 PB117415BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.7	26.5
139	13.2	10.9	16.3

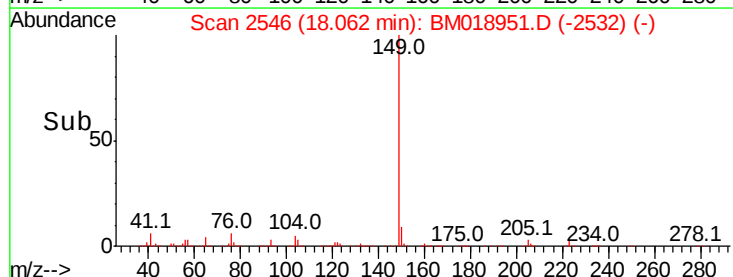
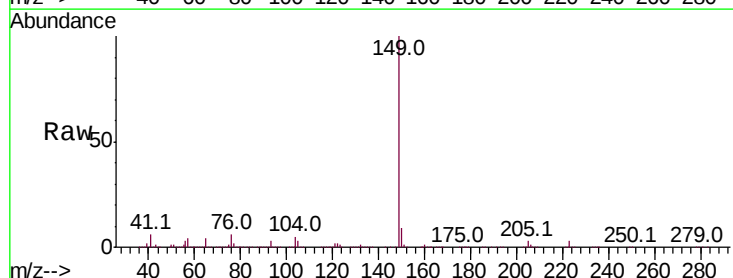
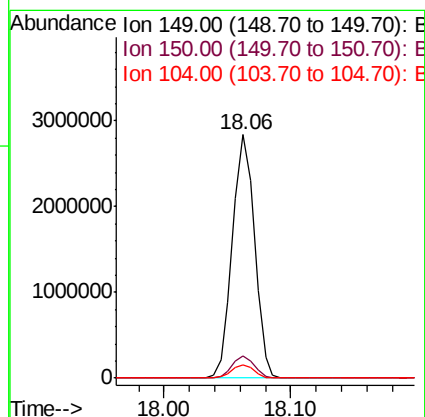
Manual Integrations
 APPROVED

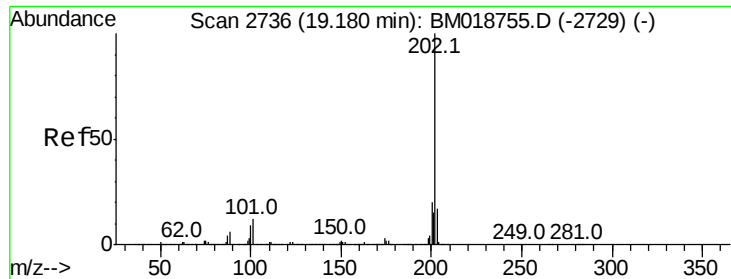
Sohil
 2/28/2019 1:33:23 PM



#74
 Di-n-butylphthalate
 Concen: 44.580 ng
 RT: 18.06 min Scan# 2546
 Delta R.T. -0.02 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.4	4.3	6.5





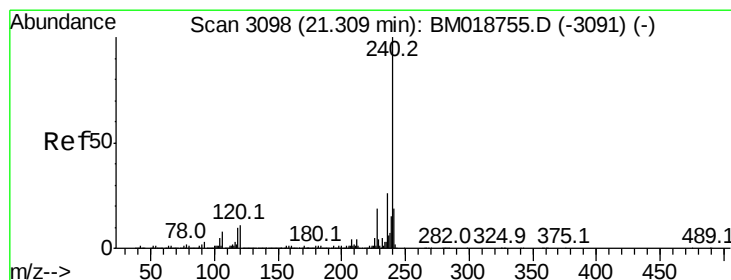
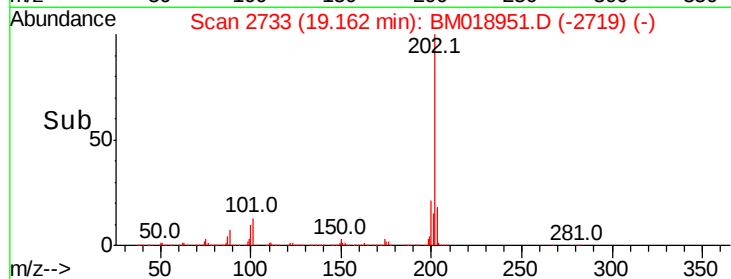
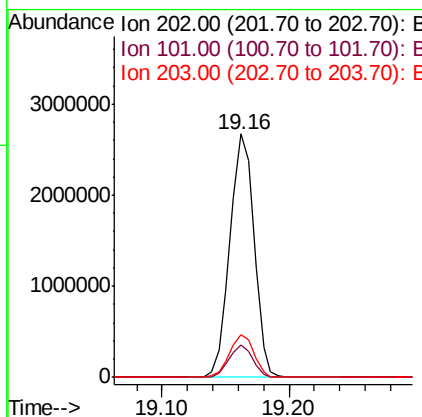
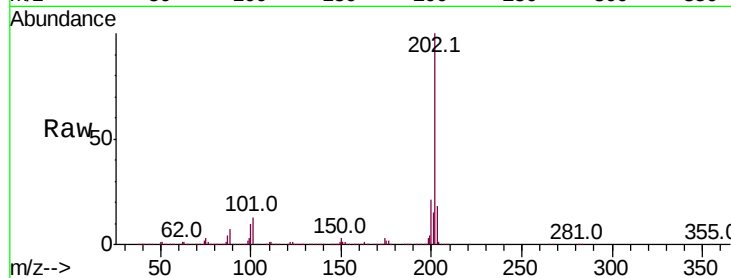
#75
 Fluoranthene
 Concen: 46.527 ng
 RT: 19.16 min Scan# 2733
 Delta R.T. -0.02 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Instrument :
 BNA_M
 ClientSampleId :
 PB117415BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	31.5
203	17.5	0.0	37.3

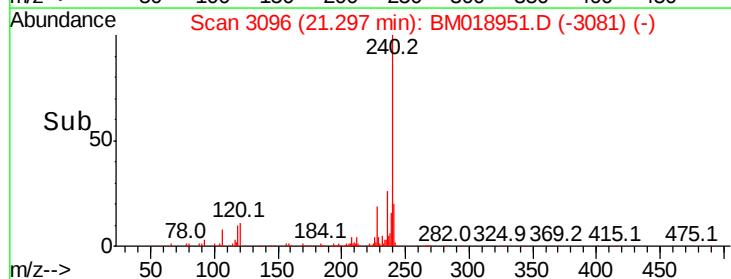
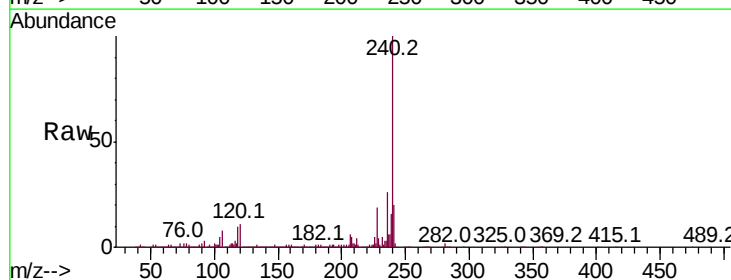
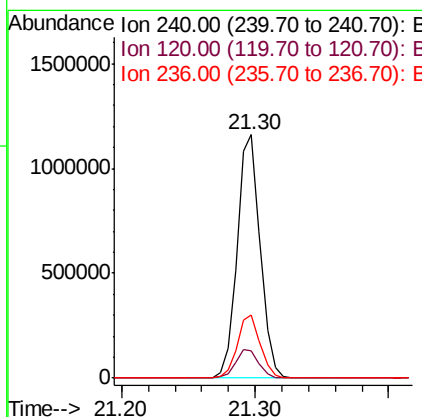
Manual Integrations
 APPROVED

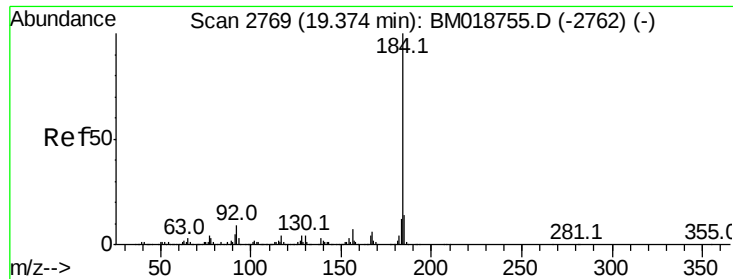
Sohil
 2/28/2019 1:33:23 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.30 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM018951.D
 Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	25.7	20.9	31.3





#77

Benzidine

Concen: 71.169 ng

RT: 19.36 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

ClientSampleId :

PB117415BS

Tot Ion:184 Resp: 2223504

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

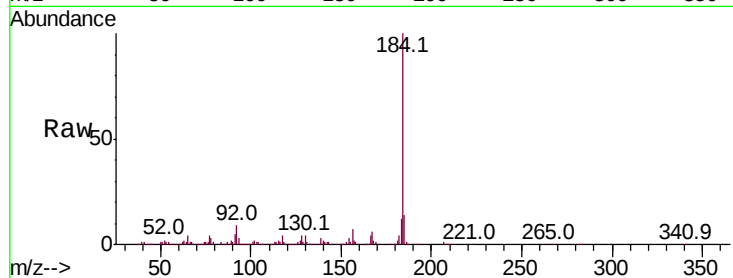
183 12.3 9.7 14.5

Manual Integrations

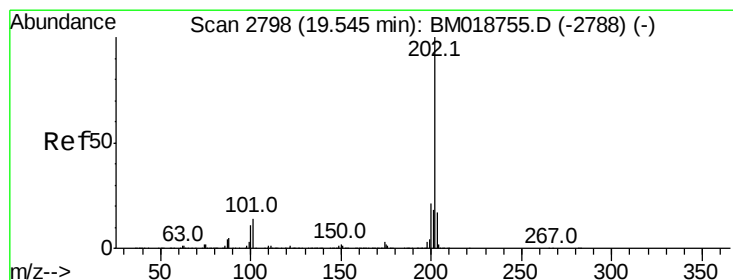
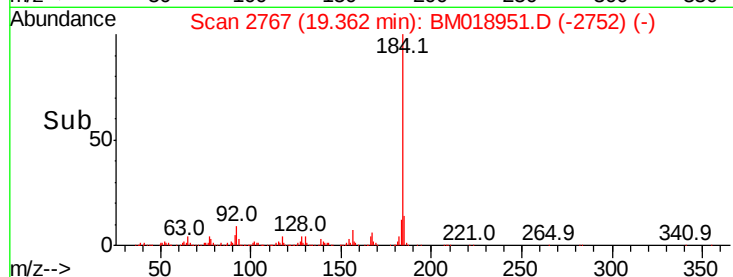
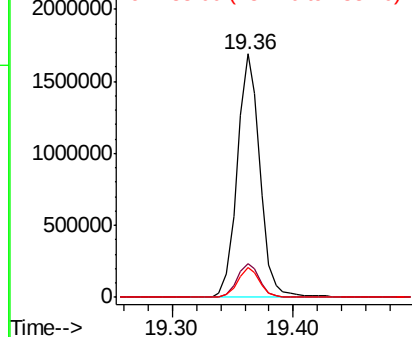
APPROVED

Sohil

2/28/2019 1:33:23 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: 45.235 ng

RT: 19.53 min Scan# 2795

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

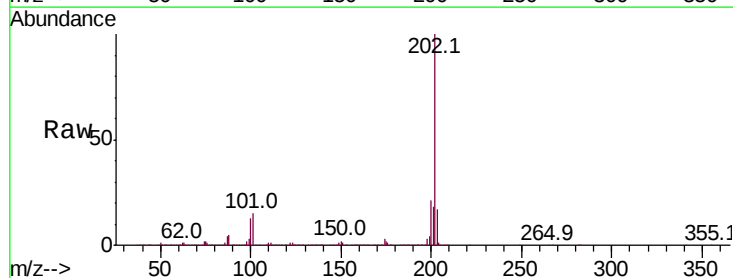
Tgt Ion:202 Resp: 3644524

Ion Ratio Lower Upper

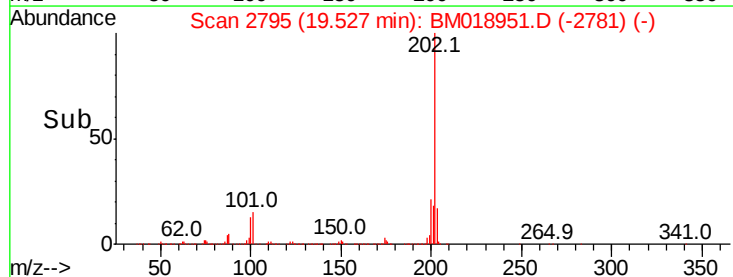
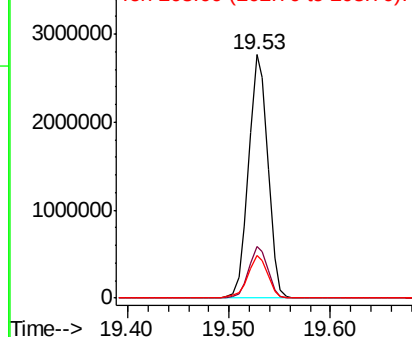
202 100

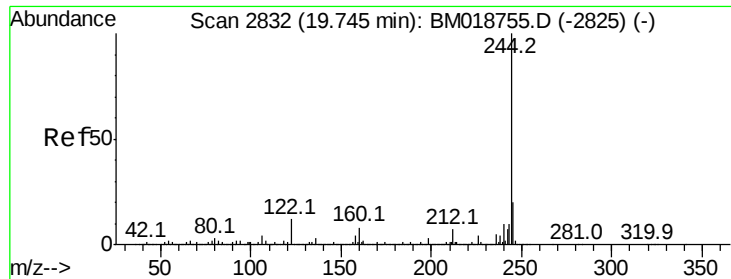
200 21.1 16.9 25.3

203 17.5 13.8 20.8



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: 92.791 ng

RT: 19.73 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

ClientSampleId :

PB117415BS

Tot Ion:244 Resp: 6239890

Ion Ratio Lower Upper

244 100

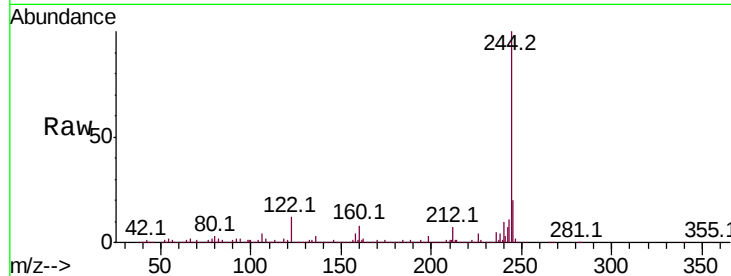
212 7.0 5.6 8.4

122 11.8 9.3 13.9

Manual Integrations
APPROVED

Sohil

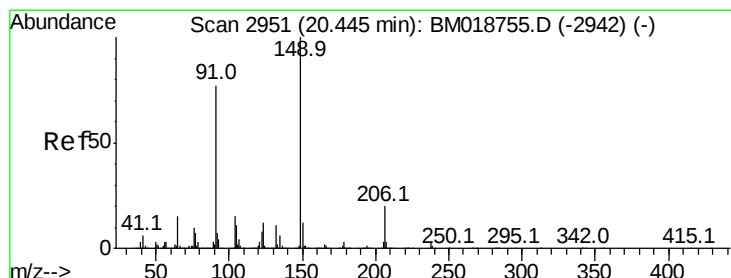
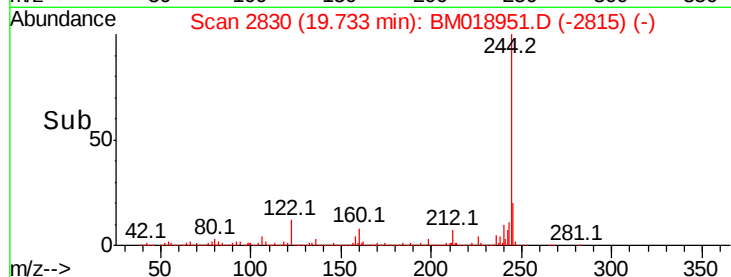
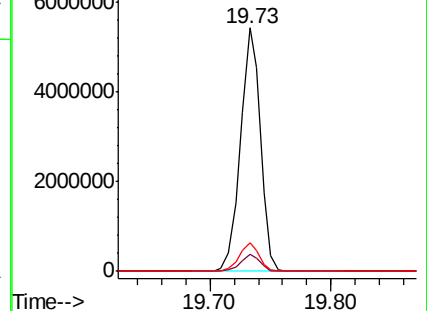
2/28/2019 1:33:23 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.131 ng

RT: 20.43 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

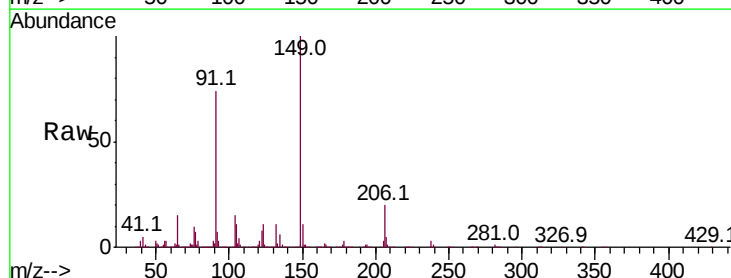
Tgt Ion:149 Resp: 1767316

Ion Ratio Lower Upper

149 100

91 74.3 61.4 92.0

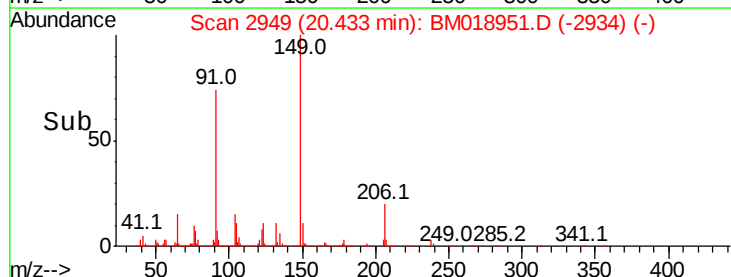
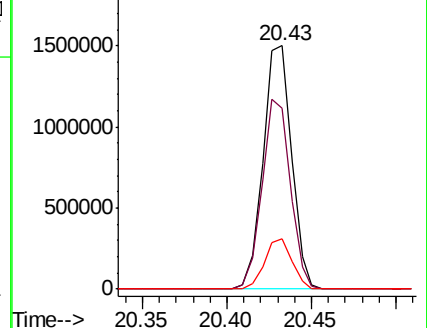
206 20.4 15.8 23.8

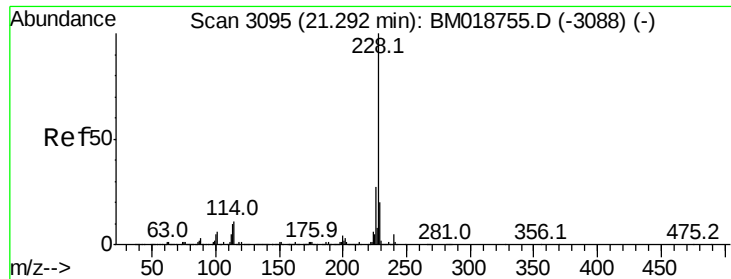


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.105 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

ClientSampleId :

PB117415BS

Tot Ion:228 Resp: 3647357

Ion Ratio Lower Upper

228 100

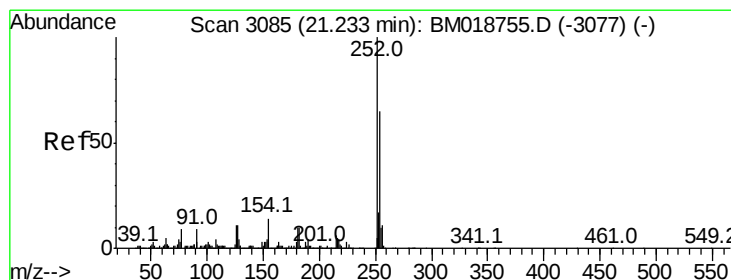
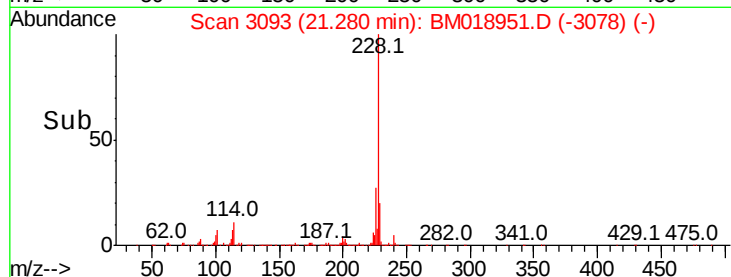
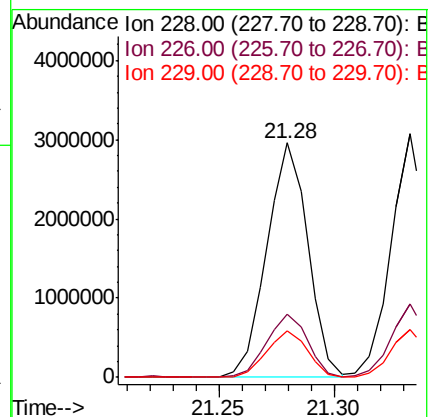
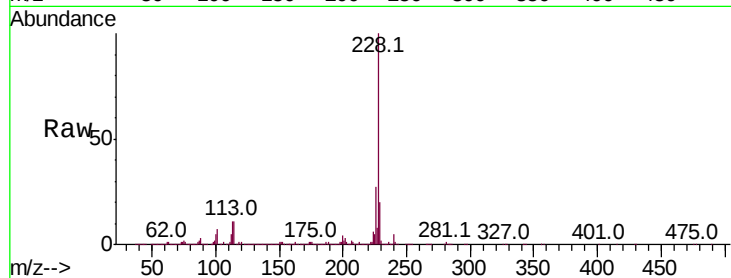
226 27.1 21.9 32.9

229 19.8 15.9 23.9

Manual Integrations
APPROVED

Sohil

2/28/2019 1:33:23 PM



#82

3,3'-Dichlorobenzidine

Concen: 33.507 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

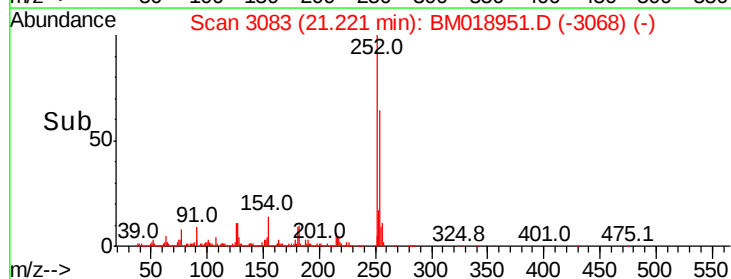
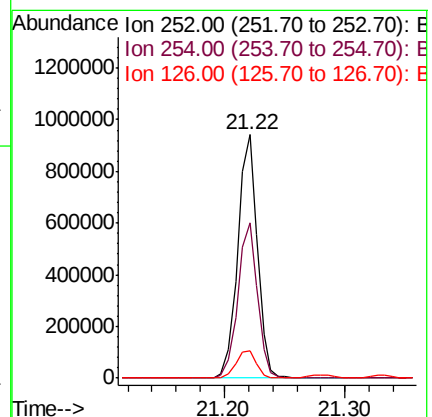
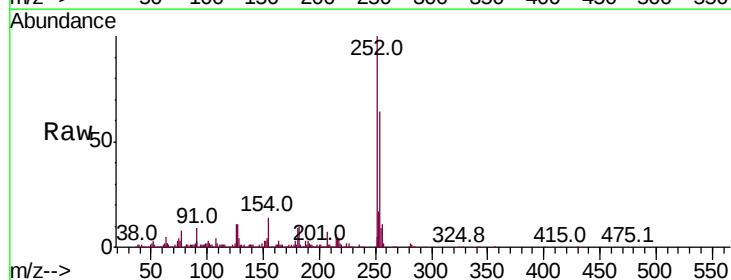
Tgt Ion:252 Resp: 1070843

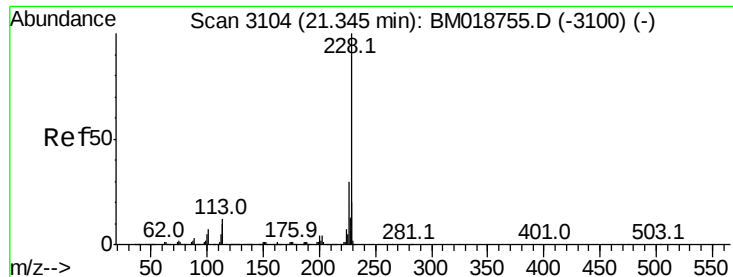
Ion Ratio Lower Upper

252 100

254 64.0 51.8 77.8

126 11.3 9.1 13.7





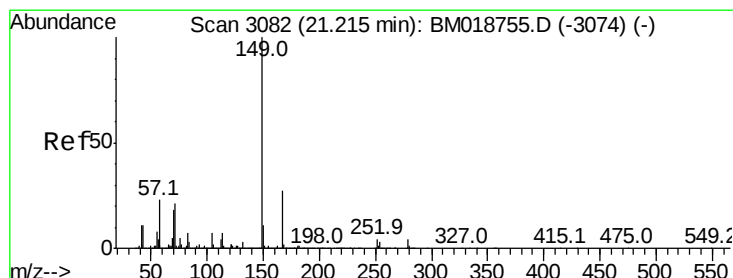
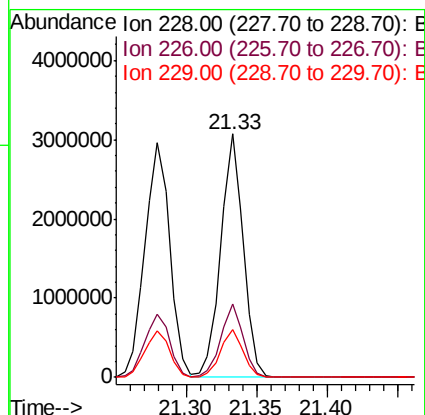
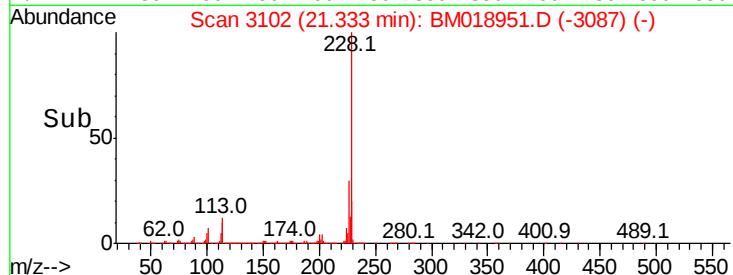
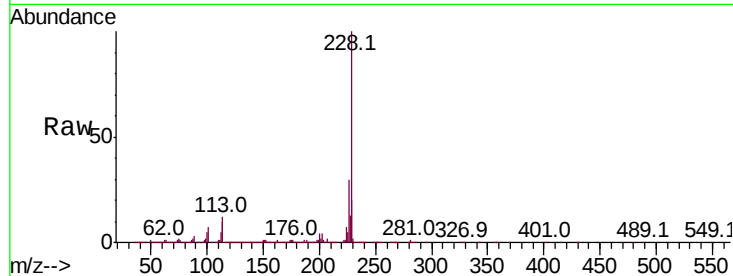
#83
Chrysene
Concen: 43.836 ng
RT: 21.33 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion:228 Resp: 3397648
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.8 16.0 24.0

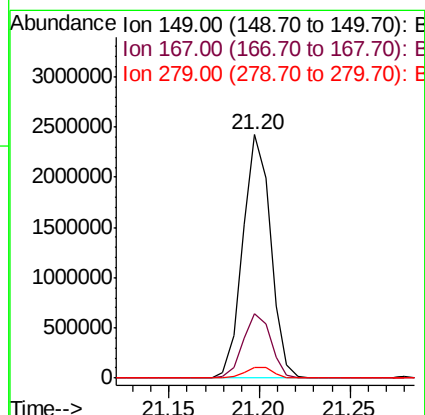
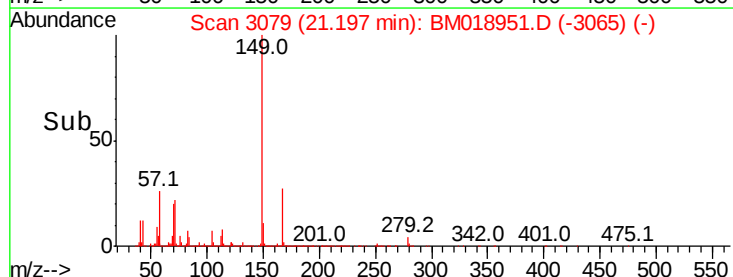
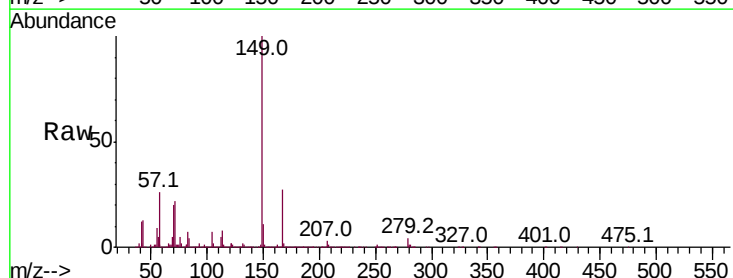
Manual Integrations
APPROVED

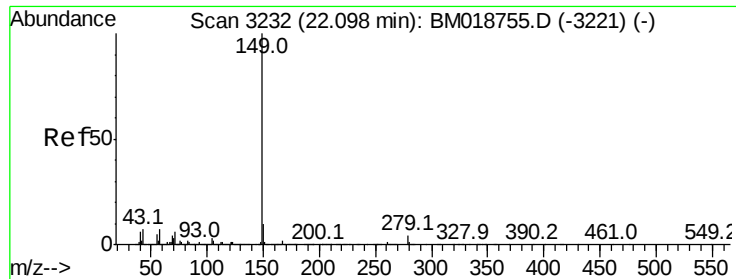
Sohil
2/28/2019 1:33:23 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.888 ng
RT: 21.20 min Scan# 3079
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion:149 Resp: 2573588
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.6
279 4.2 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 49.909 ng

RT: 22.08 min Scan# 3229

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

ClientSampleId :

PB117415BS

Tot Ion:149 Resp: 4507984

Ion Ratio Lower Upper

149 100

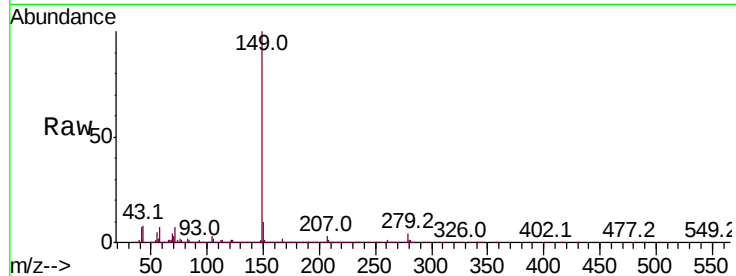
167 1.6 1.3 1.9

43 7.5 6.0 9.0

Manual Integrations
APPROVED

Sohil

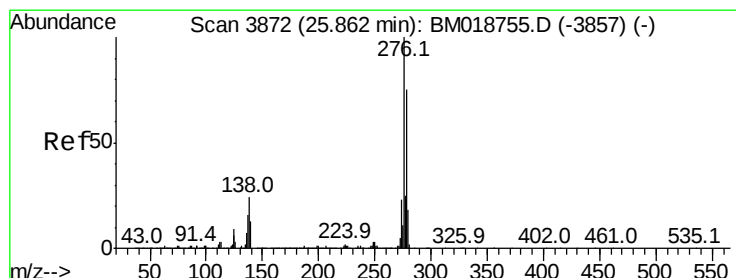
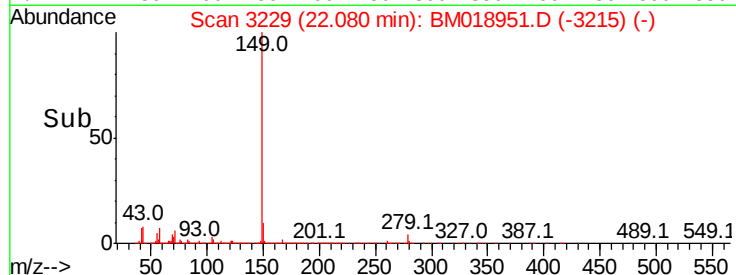
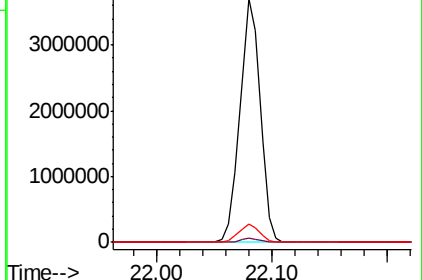
2/28/2019 1:33:23 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.724 ng

RT: 25.83 min Scan# 3867

Delta R.T. -0.03 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

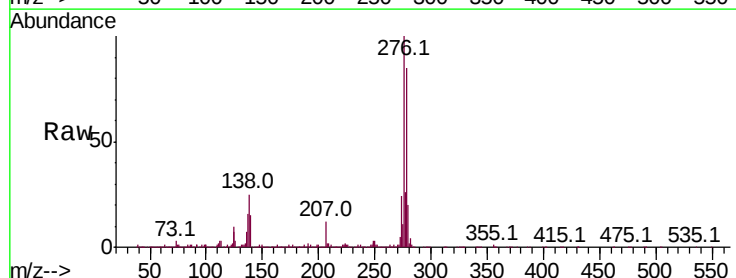
Tgt Ion:276 Resp: 3286238

Ion Ratio Lower Upper

276 100

138 25.0 20.2 30.4

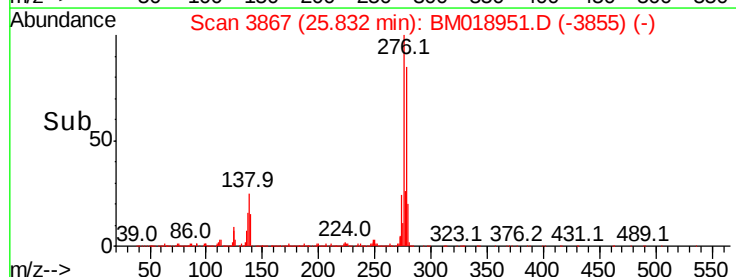
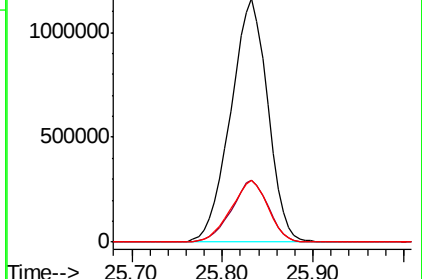
277 25.3 20.3 30.5

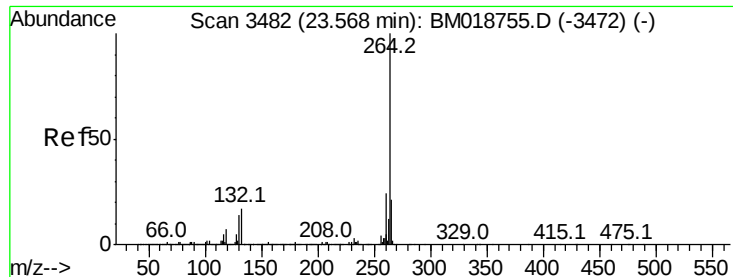


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.54 min Scan# 3478

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

Instrument :

BNA_M

ClientSampleId :

PB117415BS

Tot Ion:264 Resp: 1225306

Ion Ratio Lower Upper

264 100

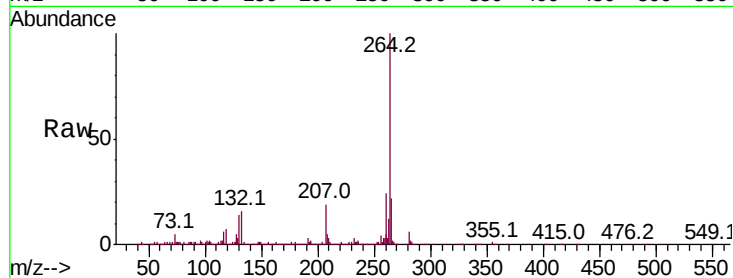
260 24.0 18.9 28.3

265 22.1 17.3 25.9

Manual Integrations
APPROVED

Sohil

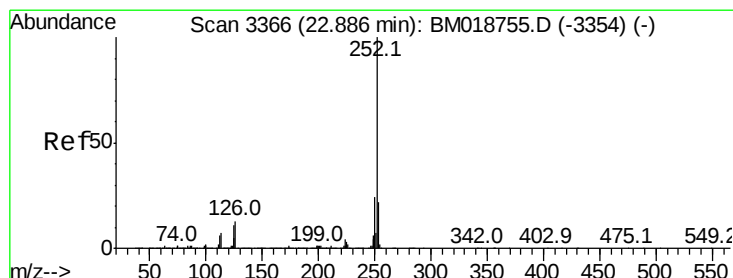
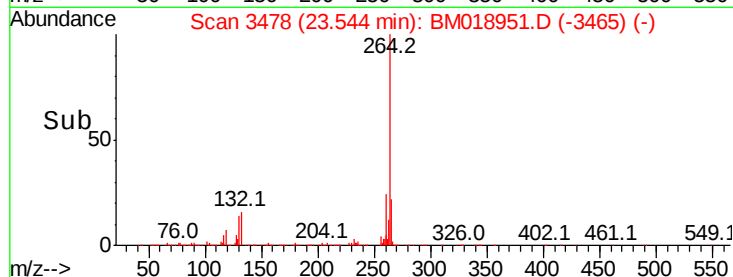
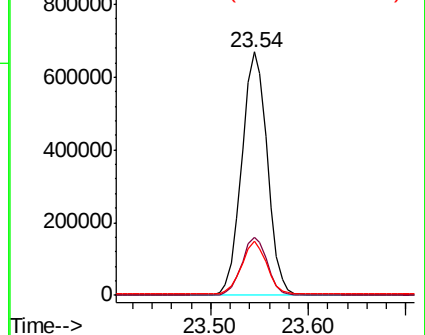
2/28/2019 1:33:23 PM



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: 47.293 ng

RT: 22.87 min Scan# 3363

Delta R.T. -0.02 min

Lab File: BM018951.D

Acq: 27 Feb 2019 16:08

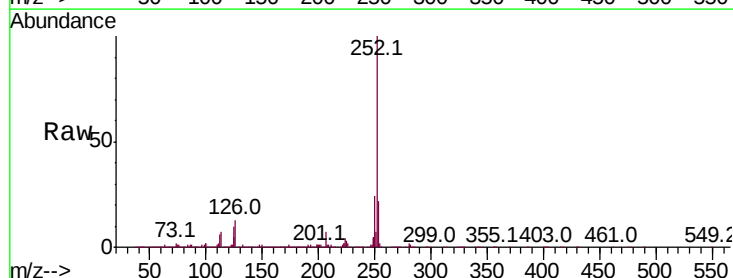
Tgt Ion:252 Resp: 3315442

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

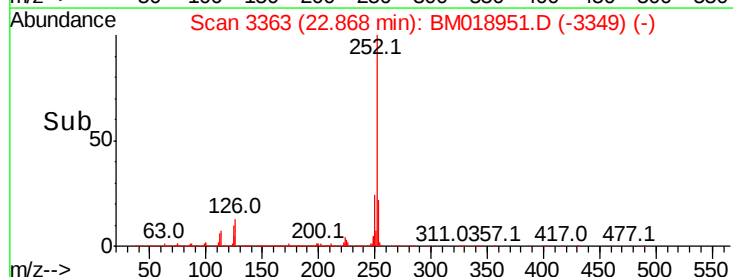
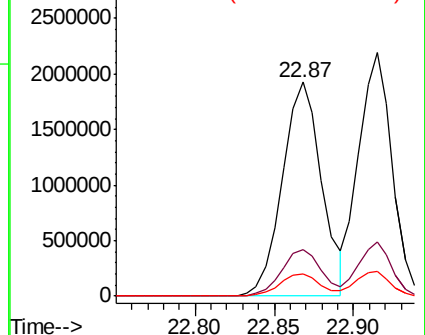
125 10.5 8.6 12.8

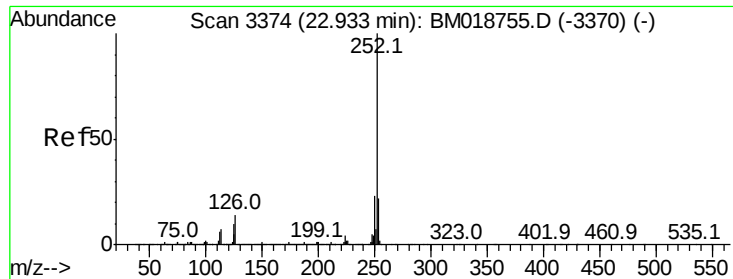


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





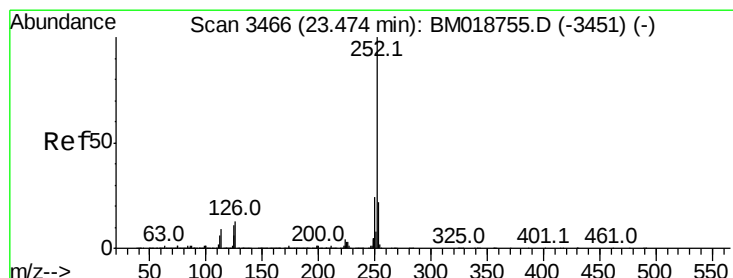
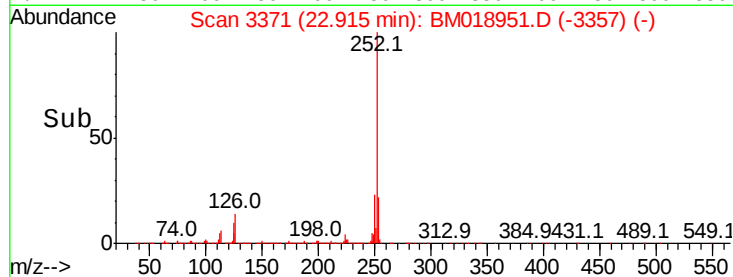
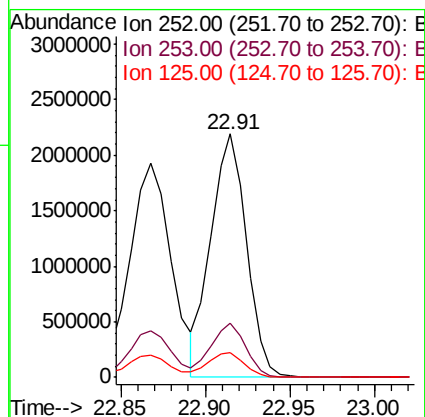
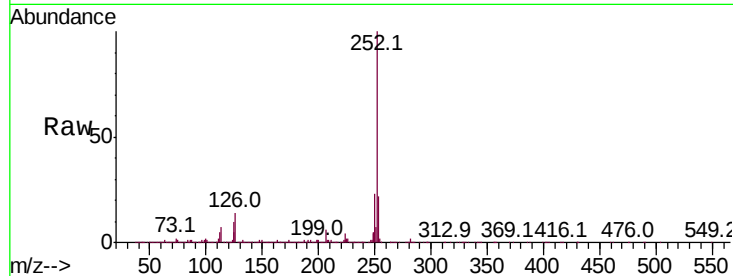
#89
Benzo(k)fluoranthene
Concen: 46.025 ng
RT: 22.91 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion:252 Resp: 3212271
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 10.2 8.2 12.4

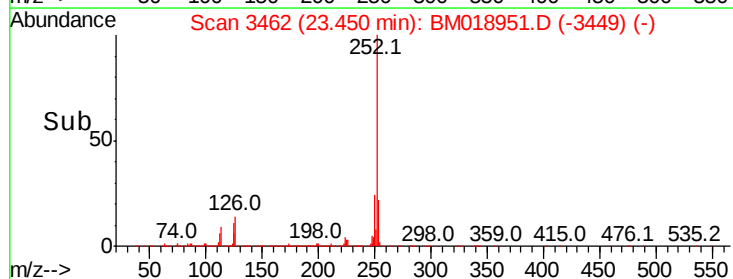
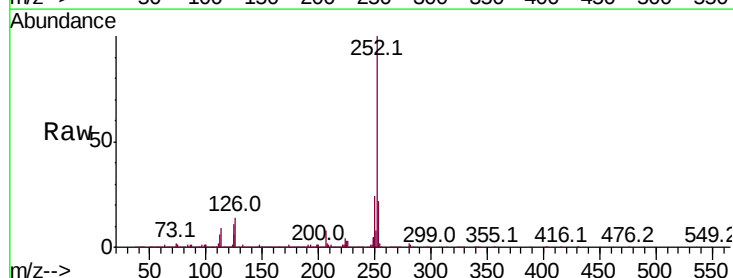
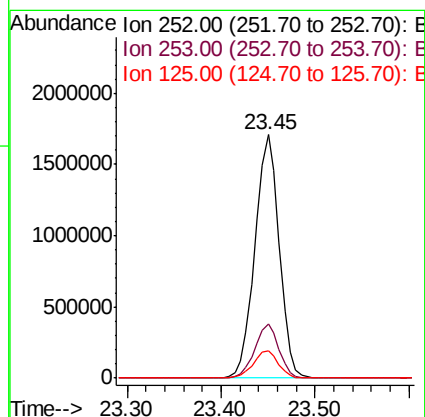
Manual Integrations
APPROVED

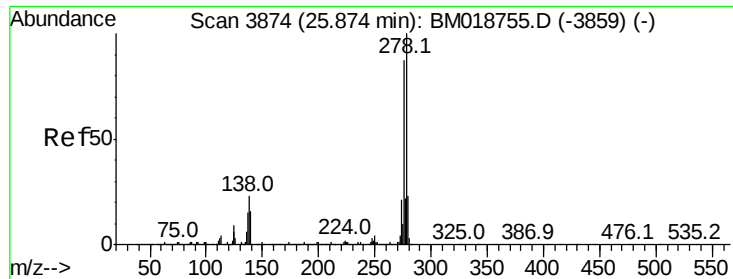
Sohil
2/28/2019 1:33:23 PM



#90
Benzo(a)pyrene
Concen: 45.913 ng
RT: 23.45 min Scan# 3462
Delta R.T. -0.02 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion:252 Resp: 3049156
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 11.2 8.6 13.0





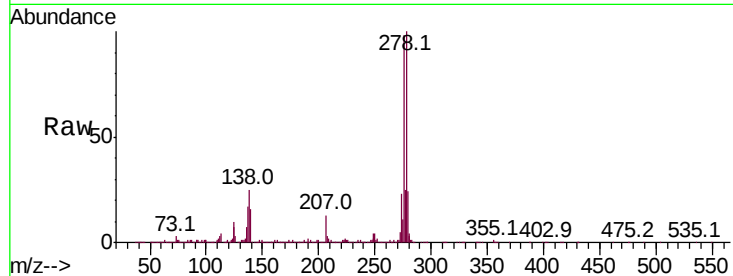
#91
Dibenzo(a,h)anthracene
Concen: 42.659 ng
RT: 25.84 min Scan# 3868
Delta R.T. -0.04 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Instrument :
BNA_M
ClientSampleId :
PB117415BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	18.8
279	23.5	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/28/2019 1:33:23 PM

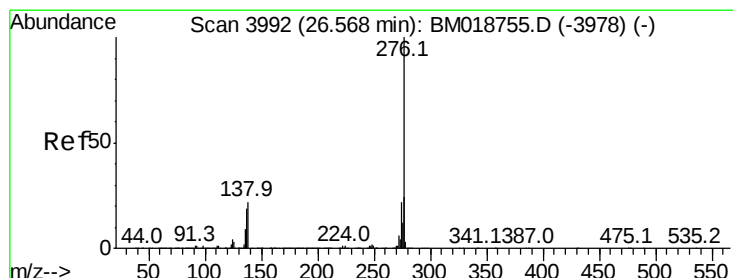
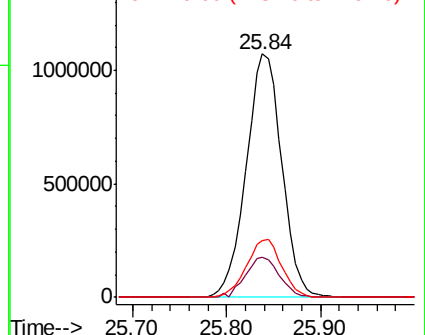
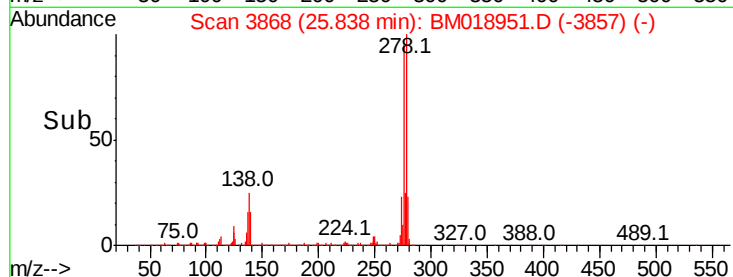


Abundance

Ion 278.00 (277.70 to 278.70): E

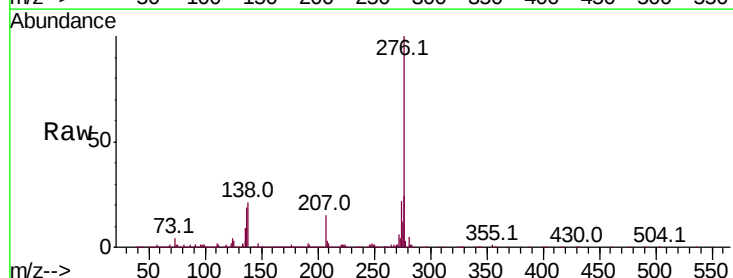
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.211 ng
RT: 26.53 min Scan# 3986
Delta R.T. -0.04 min
Lab File: BM018951.D
Acq: 27 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	21.1	17.3	25.9



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

