

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018548.D
 Acq On : 11 Jan 2019 23:20
 Operator : JU/SJ
 Sample : PB116317BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BS

Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:43:09 PM

Quant Time: Jan 12 01:09:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	264022	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1181183	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	740931	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1892480	20.00	ng	0.00
76) Chrysene-d12	21.34	240	2463624	20.00	ng	0.00
87) Perylene-d12	23.63	264	2977782	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1754184	122.68	ng	0.00
7) Phenol-d6	6.93	99	2340809	128.89	ng	0.00
23) Nitrobenzene-d5	8.92	82	1363199	66.90	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1157568	122.70	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3697143	65.11	ng	0.00
79) Terphenyl-d14	19.79	244	7215819	61.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	132633	22.759	ng	94
3) Pyridine	3.68	79	393033	27.051	ng	94
4) n-Nitrosodimethylamine	3.60	42	212577	35.382	ng	# 92
6) Aniline	7.09	93	258199	12.745	ng	100
8) 2-Chlorophenol	7.32	128	684977	41.018	ng	95
9) Benzaldehyde	6.91	77	184723	14.908	ng	94
10) Phenol	6.96	94	781076	42.325	ng	99
11) bis(2-Chloroethyl)ether	7.19	93	503441	34.719	ng	96
12) 1,3-Dichlorobenzene	7.64	146	642087	32.286	ng	98
13) 1,4-Dichlorobenzene	7.79	146	662567	32.870	ng	98
14) 1,2-Dichlorobenzene	8.10	146	646953	33.848	ng	99
15) Benzyl Alcohol	8.00	79	546041	41.629	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.28	45	625026	33.729	ng	94
17) 2-Methylphenol	8.20	107	544836	43.494	ng	99
18) Hexachloroethane	8.82	117	232464	32.345	ng	96
19) n-Nitroso-di-n-propylamine	8.56	70	431421	36.503	ng	94
20) 3+4-Methylphenols	8.53	107	750886	43.422	ng	99
22) Acetophenone	8.58	105	901034	30.837	ng	# 97
24) Nitrobenzene	8.96	77	654146	32.629	ng	96
25) Isophorone	9.48	82	1203166	38.995	ng	98
26) 2-Nitrophenol	9.67	139	363287	37.476	ng	95
27) 2,4-Dimethylphenol	9.72	122	620313	42.692	ng	97
28) bis(2-Chloroethoxy)methane	9.96	93	737530	34.602	ng	99
29) 2,4-Dichlorophenol	10.20	162	688095	39.770	ng	97
30) 1,2,4-Trichlorobenzene	10.40	180	669625	31.181	ng	99
31) Naphthalene	10.60	128	2005930	35.262	ng	98
32) Benzoic acid	9.85	122	432369m	44.711	ng	
33) 4-Chloroaniline	10.72	127	231220	10.321	ng	98
34) Hexachlorobutadiene	10.86	225	397383	29.290	ng	97
35) Caprolactam	11.52	113	230633m	39.207	ng	
36) 4-Chloro-3-methylphenol	11.85	107	738820	40.702	ng	99
37) 2-Methylnaphthalene	12.21	142	1530313	38.075	ng	99
38) 1-Methylnaphthalene	12.43	142	1475267	37.935	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	799571	30.860	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
 Data File : BM018548.D
 Acq On : 11 Jan 2019 23:20
 Operator : JU/SJ
 Sample : PB116317BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BS

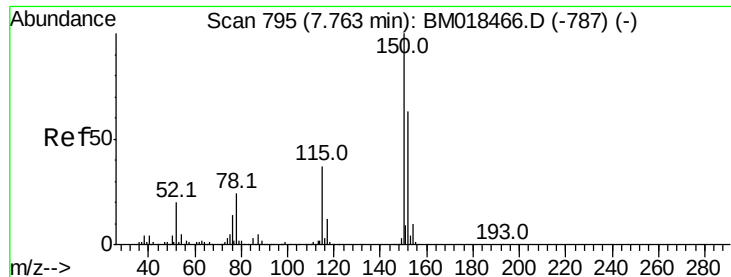
Manual Integrations
 APPROVED

Sohil
 1/14/2019 4:43:09 PM

Quant Time: Jan 12 01:09:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	929200	65.344	nq	99
43) 2,4,6-Trichlorophenol	12.83	196	581868	36.981	nq	98
44) 2,4,5-Trichlorophenol	12.90	196	629770	38.058	nq	98
46) 1,1'-Biphenyl	13.23	154	2020552	31.232	nq	98
47) 2-Chloronaphthalene	13.27	162	1586137	31.617	nq	99
48) 2-Nitroaniline	13.49	65	459328	37.215	nq	90
49) Acenaphthylene	14.13	152	2652723	36.284	nq	100
50) Dimethylphthalate	13.86	163	2144490	35.242	nq	99
51) 2,6-Dinitrotoluene	13.99	165	475704	36.906	nq	92
52) Acenaphthene	14.47	154	1530170	34.206	nq	97
53) 3-Nitroaniline	14.32	138	191259	14.718	nq	95
54) 2,4-Dinitrophenol	14.53	184	528112	76.073	nq	92
55) Dibenzofuran	14.80	168	2502781	33.862	nq	99
56) 4-Nitrophenol	14.64	139	959965	85.511	nq	96
57) 2,4-Dinitrotoluene	14.78	165	702667	38.529	nq	96
58) Fluorene	15.46	166	2081625	37.807	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	604572	41.218	nq	98
60) Diethylphthalate	15.23	149	2216757	36.086	nq	99
61) 4-Chlorophenyl-phenylether	15.45	204	1047654	33.014	nq	99
62) 4-Nitroaniline	15.49	138	508524	35.877	nq	97
63) Azobenzene	15.74	77	1734761	34.637	nq	95
65) 4,6-Dinitro-2-methylphenol	15.54	198	366035	32.328	nq	86
66) n-Nitrosodiphenylamine	15.67	169	1870651	31.866	nq	99
67) 4-Bromophenyl-phenylether	16.34	248	648081	30.602	nq	99
68) Hexachlorobenzene	16.45	284	745815	31.458	nq	97
69) Atrazine	16.62	200	743536	35.035	nq	99
70) Pentachlorophenol	16.80	266	1042727	67.155	nq	99
71) Phenanthrene	17.20	178	3553779	35.305	nq	100
72) Anthracene	17.29	178	3631249	37.514	nq	100
73) Carbazole	17.56	167	3470403	34.897	nq	100
74) Di-n-butylphthalate	18.12	149	4036212	37.053	nq	99
75) Fluoranthene	19.22	202	4592112	39.569	nq	98
77) Benzidine	19.41	184	2175867	35.769	nq	99
78) Pyrene	19.58	202	4787407	32.783	nq	99
80) Butylbenzylphthalate	20.48	149	2186786	35.094	nq	97
81) Benzo(a)anthracene	21.33	228	5248203	36.161	nq	100
82) 3,3'-Dichlorobenzidine	21.27	252	1031292	18.791	nq	99
83) Chrysene	21.39	228	4984763	35.567	nq	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	3166596	35.192	nq	100
85) Di-n-octyl phthalate	22.14	149	5839119	38.583	nq	# 95
86) Indeno(1,2,3-cd)pyrene	25.95	276	7857754	48.622	nq	96
88) Benzo(b)fluoranthene	22.94	252	5904508	34.926	nq	99
89) Benzo(k)fluoranthene	22.99	252	5687983	33.386	nq	98
90) Benzo(a)pyrene	23.53	252	5931891	36.651	nq	97
91) Dibenzo(a,h)anthracene	25.97	278	6549929	39.941	nq	98
92) Benzo(g,h,i)perylene	26.67	276	6638495	41.599	nq	97

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



#1

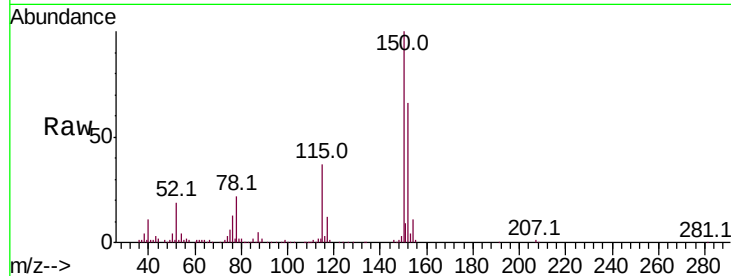
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.9	190.3
115	56.5	45.5	68.3

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:09 PM

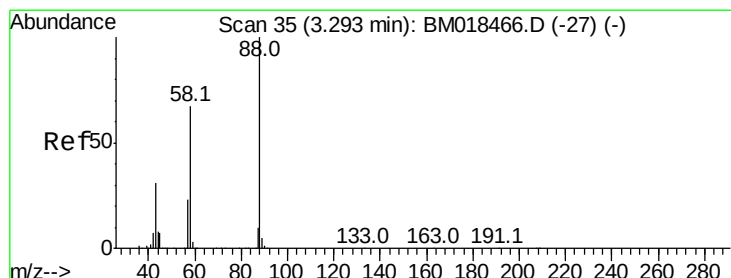
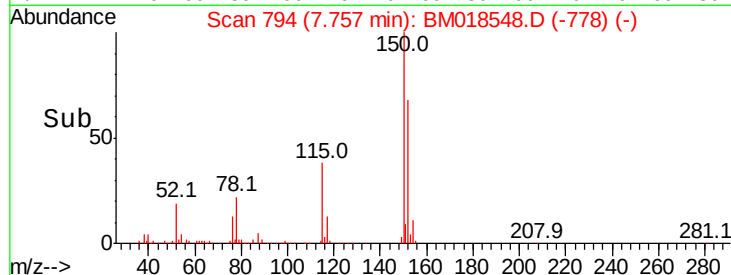
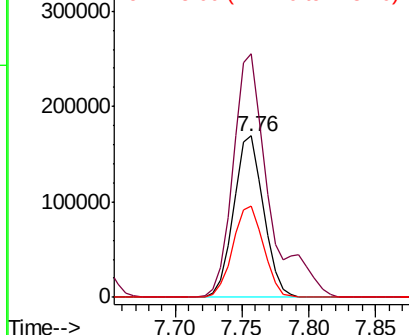


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

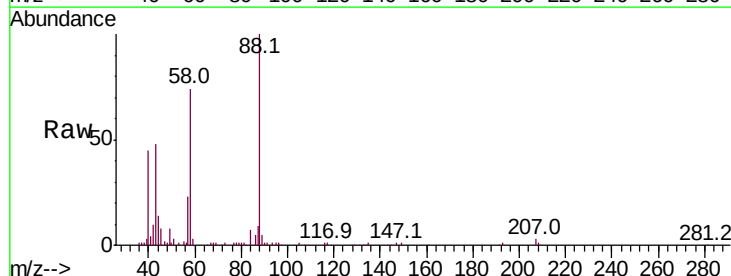
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.759 ng
RT: 3.28 min Scan# 33
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	58.4	87.6
43	38.2	26.2	39.4

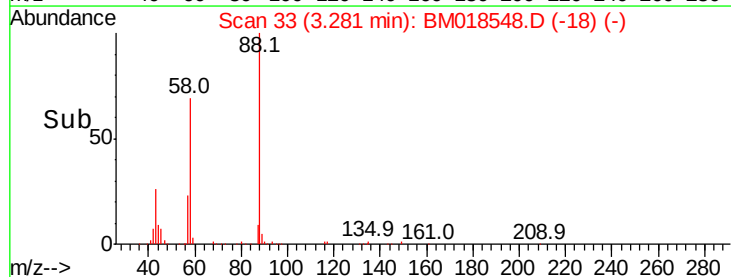
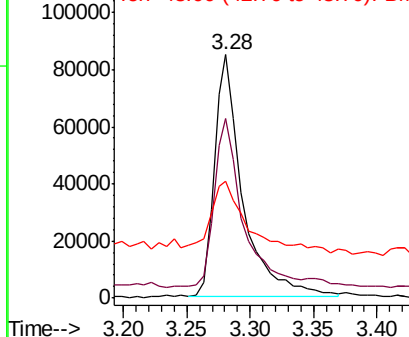


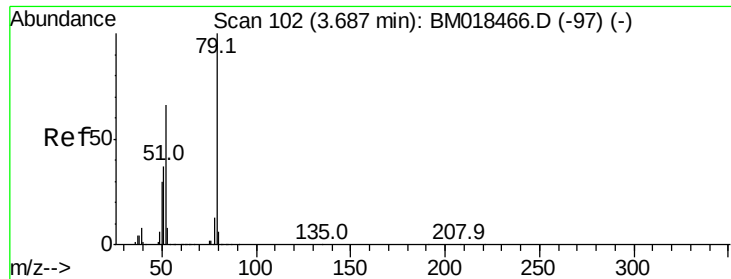
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 27.051 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.03 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

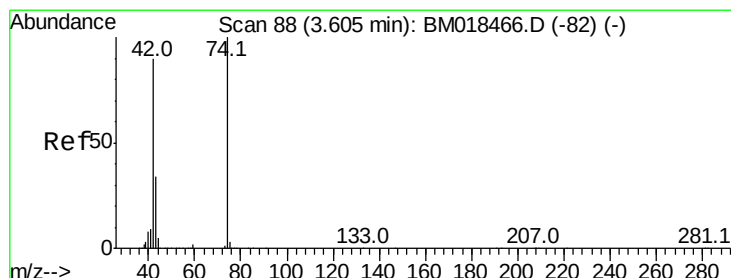
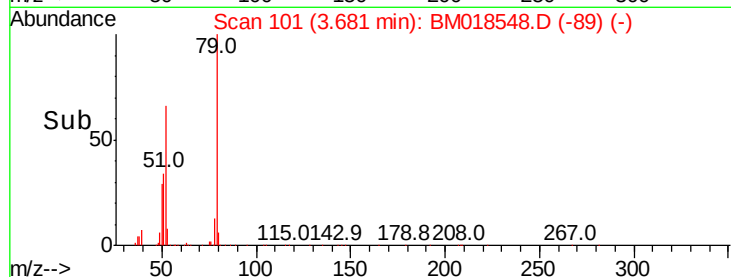
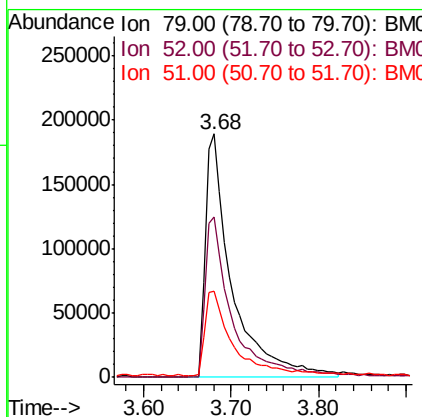
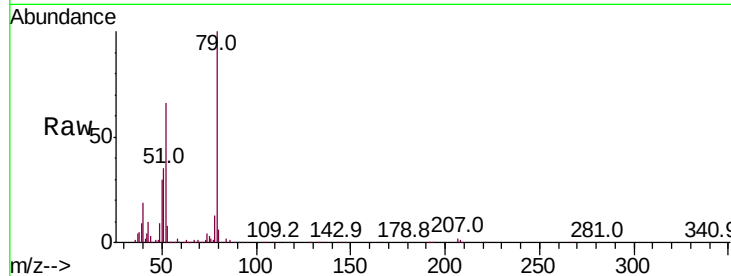
ClientSampleId :

PB116317BS

Tot Ion:	79	Resp:	393033
Ion	Ratio	Lower	Upper
79	100		
52	66.0	56.4	84.6
51	35.1	31.0	46.4

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:09 PM



#4

n-Nitrosodimethylamine

Concen: 35.382 ng

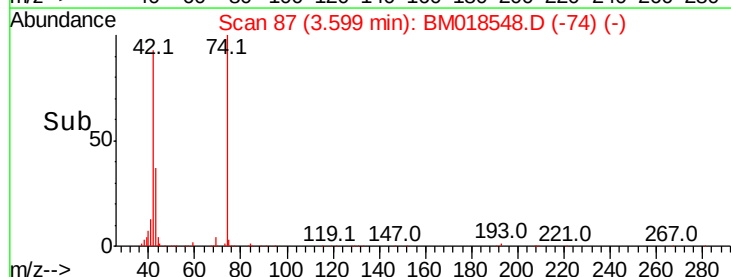
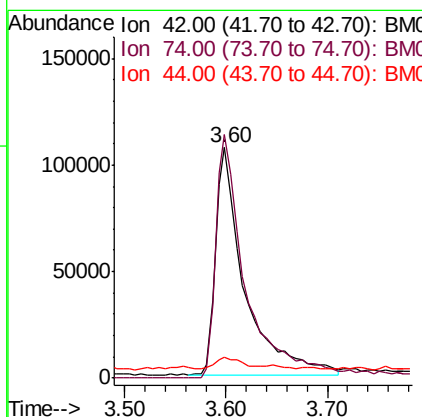
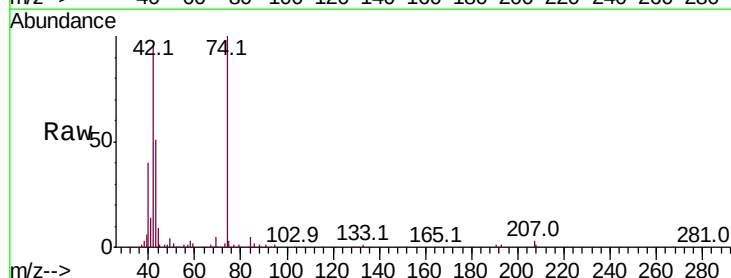
RT: 3.60 min Scan# 87

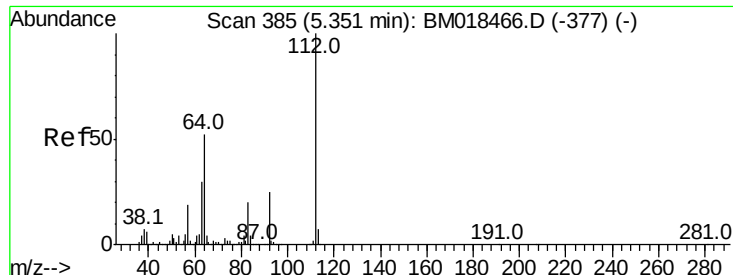
Delta R.T. -0.02 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:	42	Resp:	212577
Ion	Ratio	Lower	Upper
42	100		
74	105.6	88.6	132.8
44	9.0	16.9	25.3





#5

2-Fluorophenol

Concen: 122.682 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:112 Resp: 1754184

Ion Ratio Lower Upper

112 100

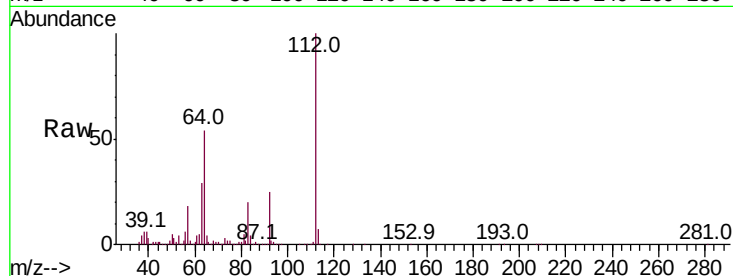
64 53.8 46.5 69.7

63 29.4 25.2 37.8

Manual Integrations
APPROVED

Sohil

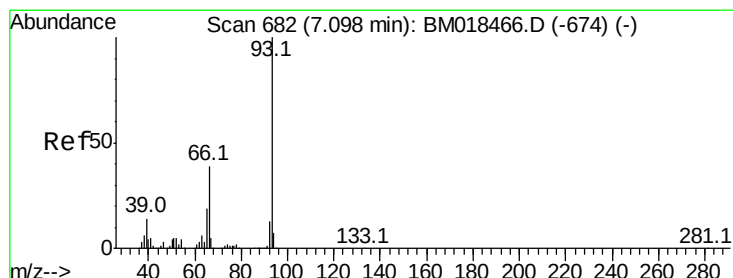
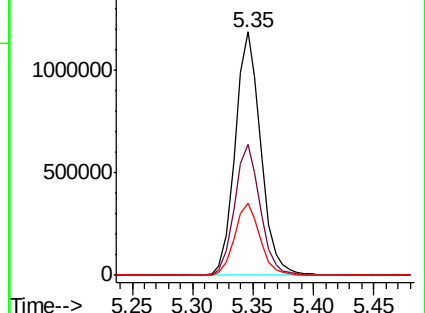
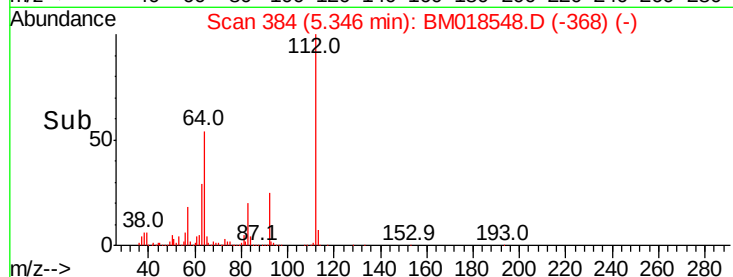
1/14/2019 4:43:09 PM



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: 12.745 ng

RT: 7.09 min Scan# 681

Delta R.T. -0.02 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

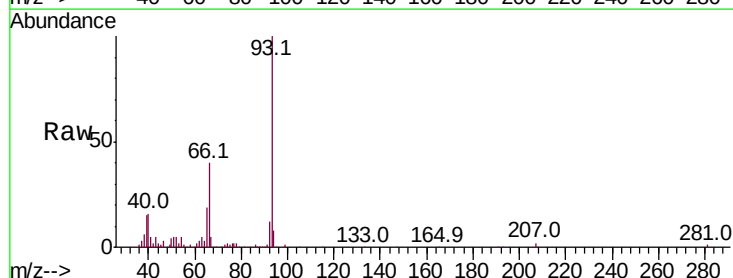
Tgt Ion: 93 Resp: 258199

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

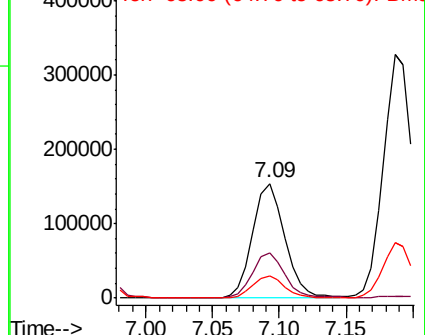
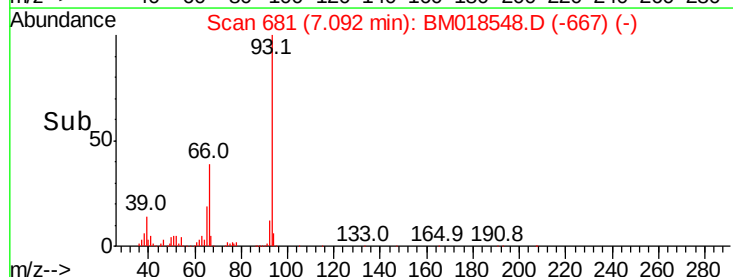
65 19.4 15.9 23.9

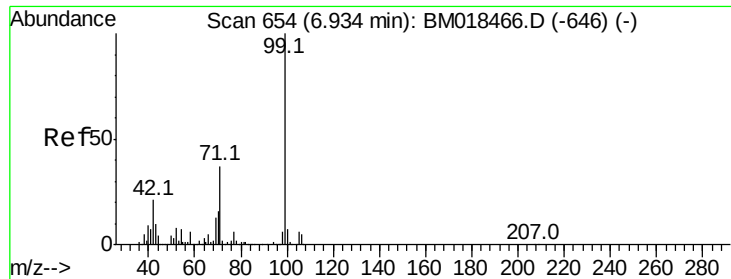


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 128.893 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion: 99 Resp: 2340809

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

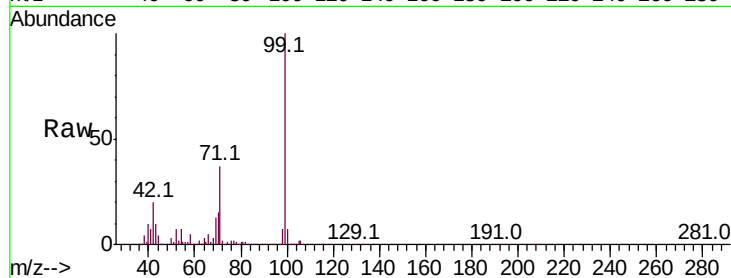
71 36.9 28.0 42.0

Manual Integrations

APPROVED

Sohil

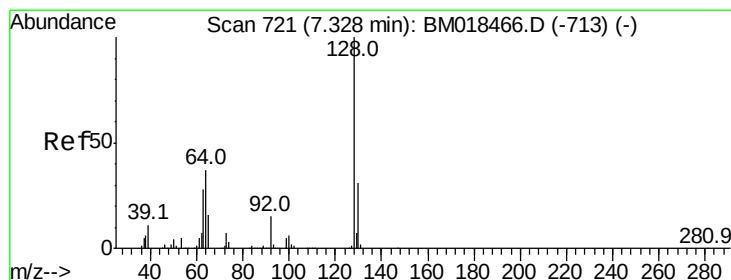
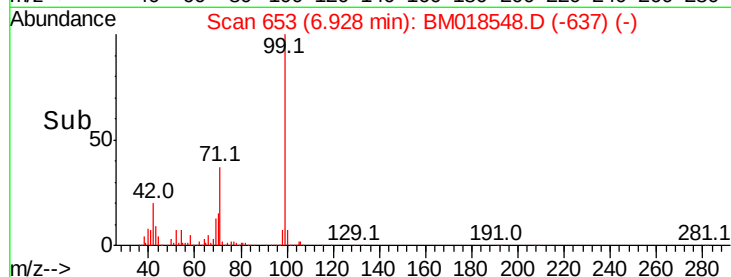
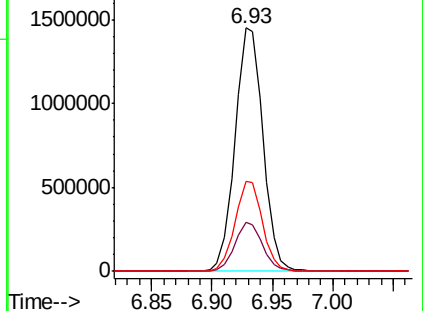
1/14/2019 4:43:09 PM



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 41.018 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

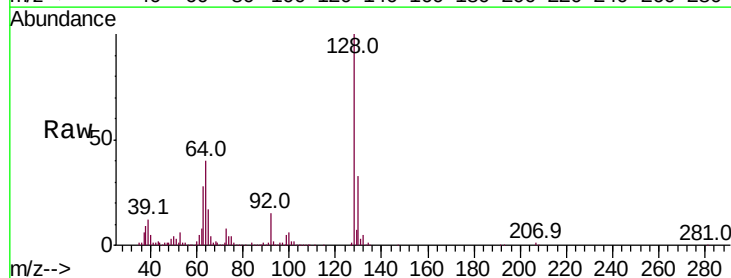
Tgt Ion:128 Resp: 684977

Ion Ratio Lower Upper

128 100

130 32.6 13.6 53.6

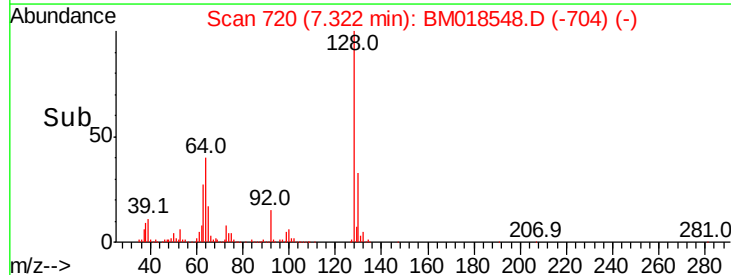
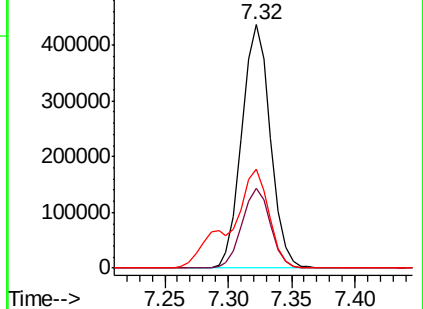
64 40.4 24.8 64.8

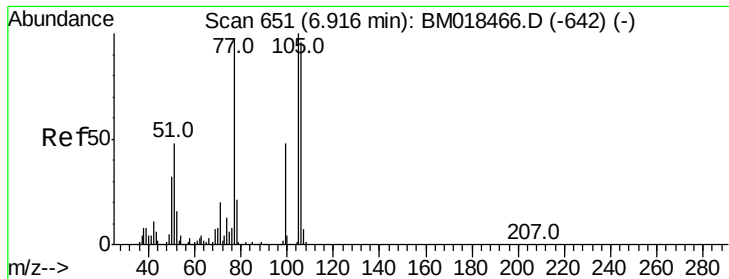


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 14.908 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

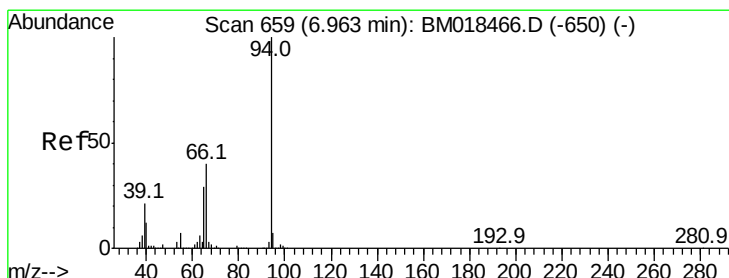
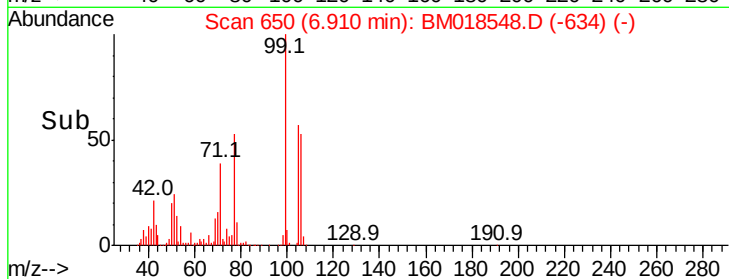
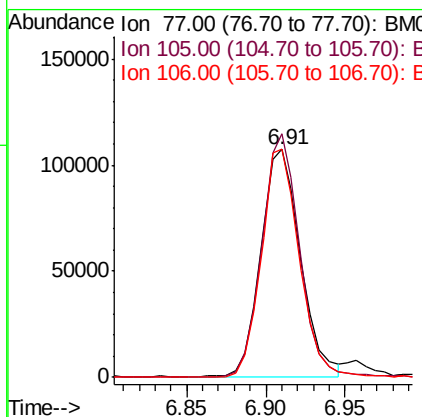
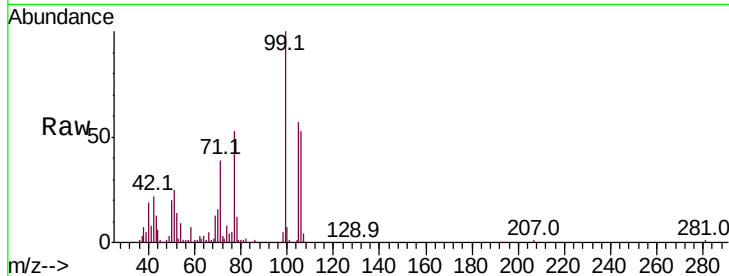
ClientSampleId :

PB116317BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	106.8	79.7	119.7
106	100.0	75.2	115.2

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:09 PM



#10

Phenol

Concen: 42.325 ng

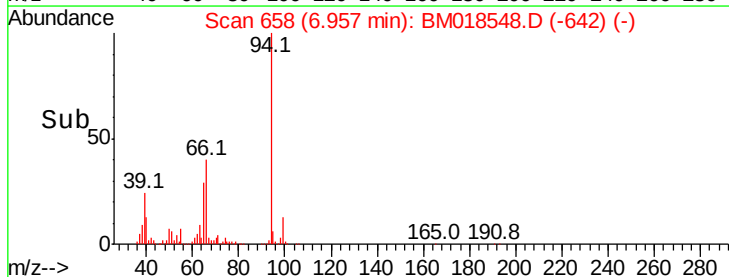
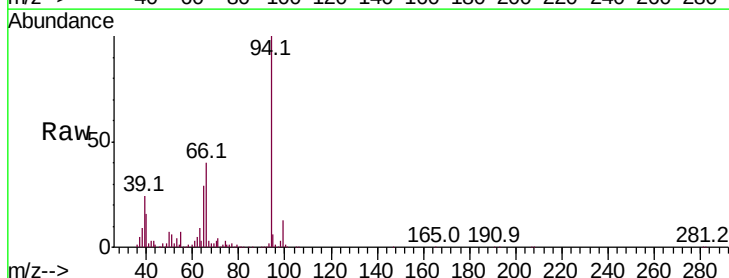
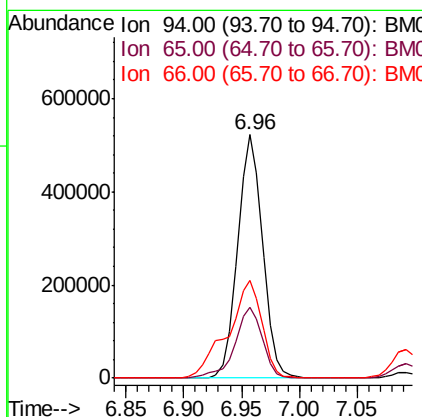
RT: 6.96 min Scan# 658

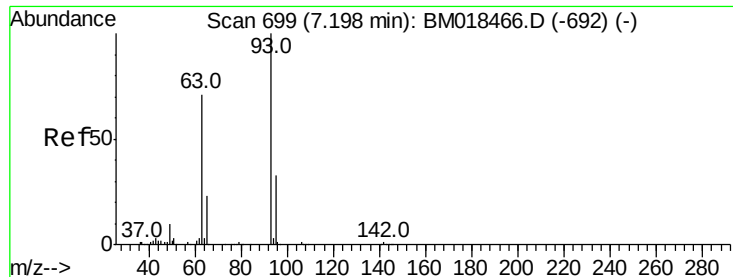
Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.4	49.4
66	40.3	19.1	59.1





#11

bis(2-Chloroethyl)ether

Concen: 34.719 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

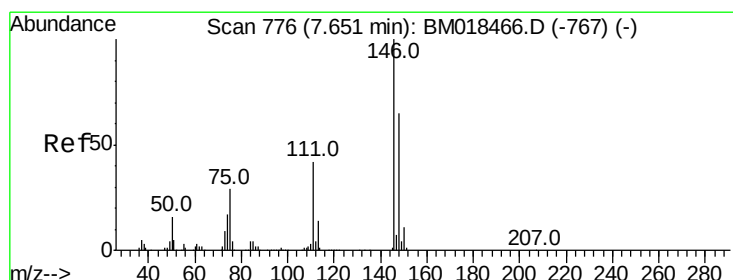
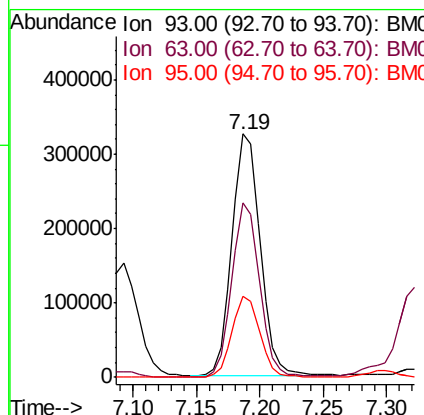
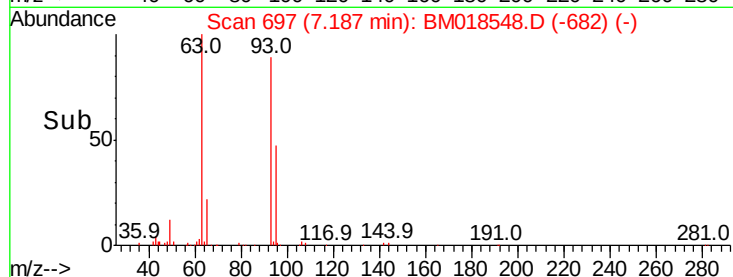
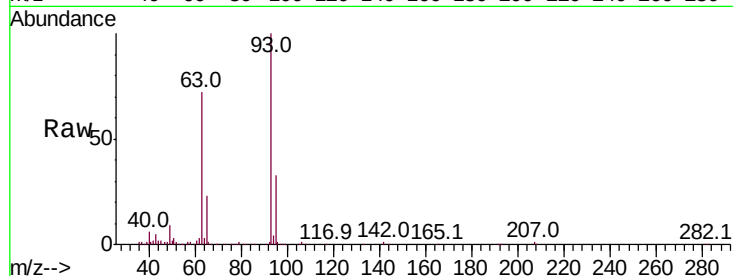
ClientSampleId :

PB116317BS

Tot Ion:	93	Resp:	503441
Ion Ratio	Lower	Upper	
93	100		
63	71.7	56.4	96.4
95	33.1	12.7	52.7

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:09 PM



#12

1,3-Dichlorobenzene

Concen: 32.286 ng

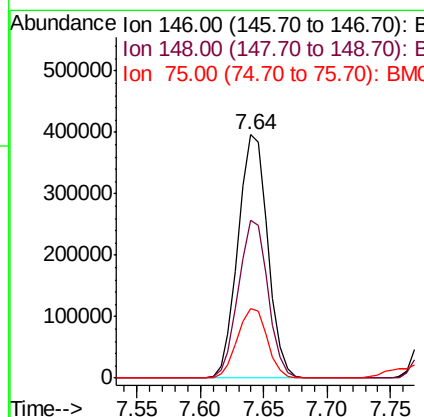
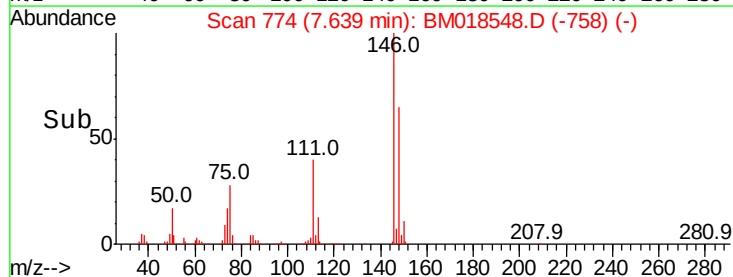
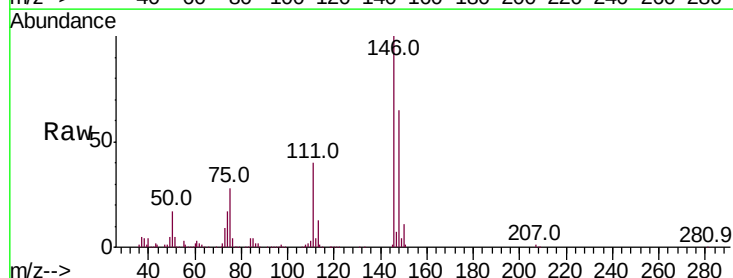
RT: 7.64 min Scan# 774

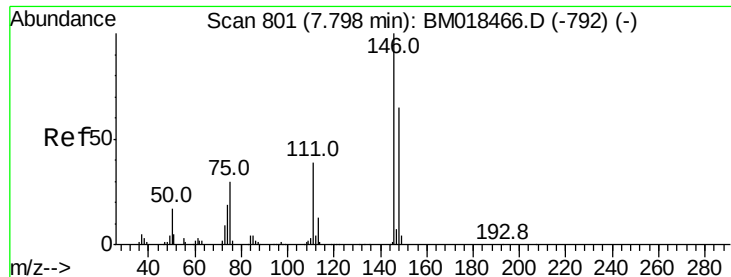
Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:	146	Resp:	642087
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.5	75.7
75	28.5	23.0	34.6





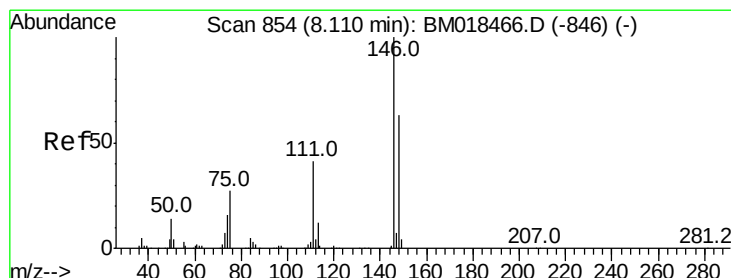
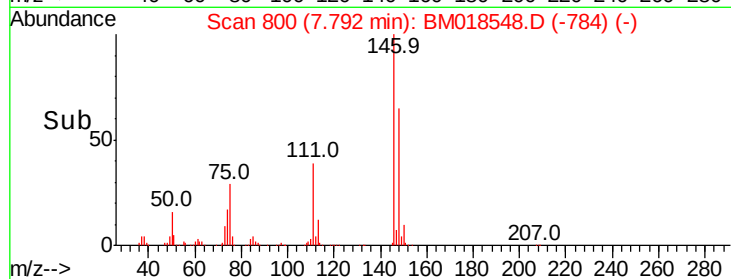
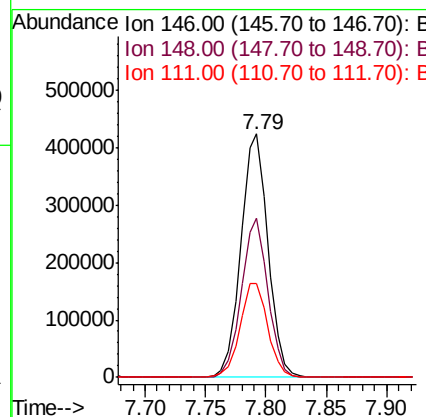
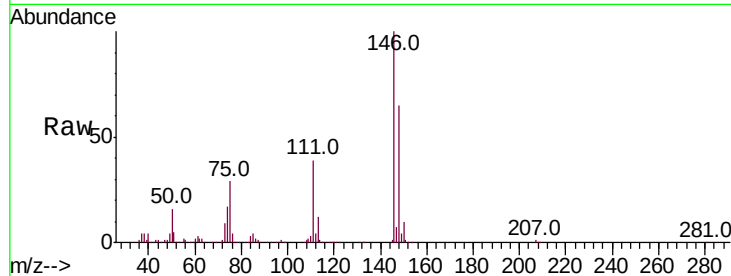
#13
1,4-Dichlorobenzene
Concen: 32.870 ng
RT: 7.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampled :
PB116317BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	38.6	32.2	48.2

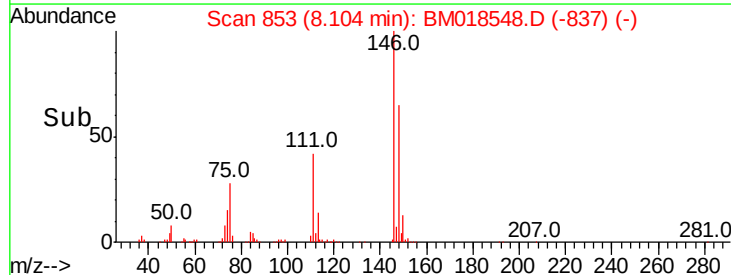
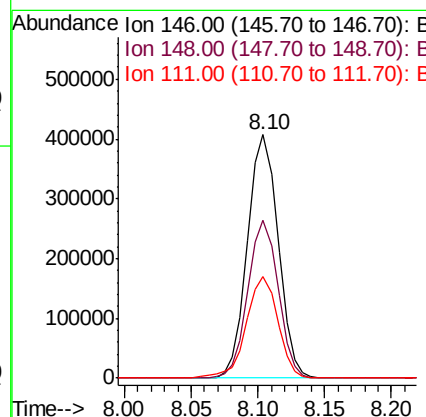
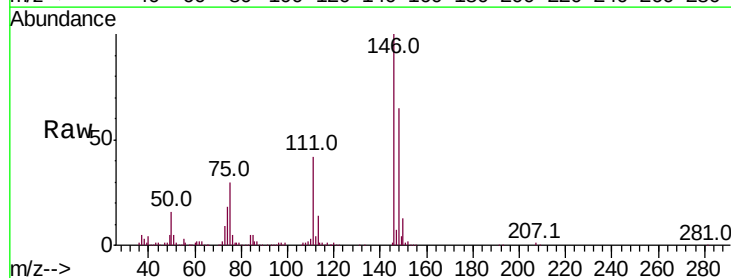
Manual Integrations
APPROVED

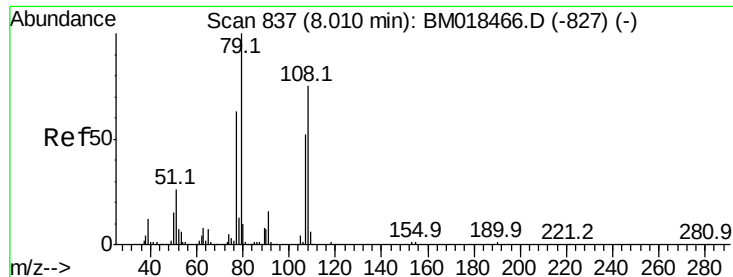
Sohil
1/14/2019 4:43:09 PM



#14
1,2-Dichlorobenzene
Concen: 33.848 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.6
111	42.0	33.8	50.6





#15

Benzyl Alcohol

Concen: 41.629 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

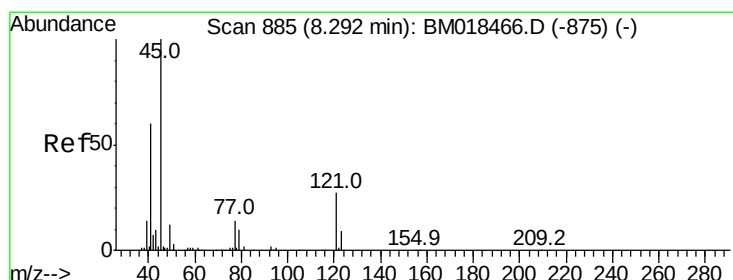
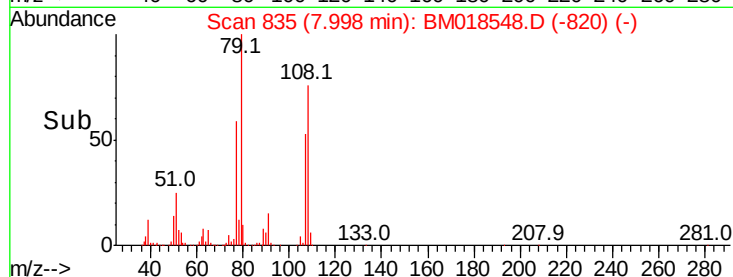
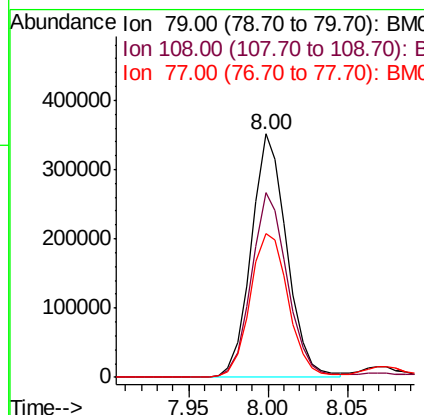
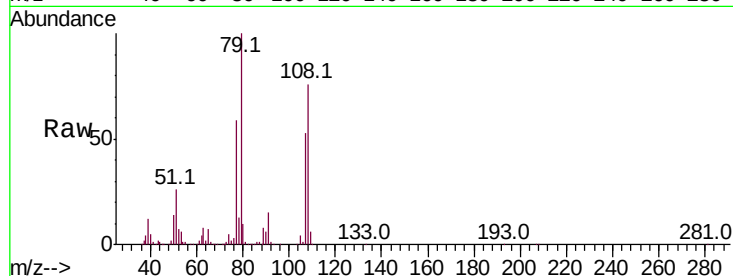
ClientSampleId :

PB116317BS

Tot Ion:	79	Resp:	546041
Ion Ratio	Lower	Upper	
79	100		
108	75.7	60.4	90.6
77	59.2	53.4	80.2

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:09 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.729 ng

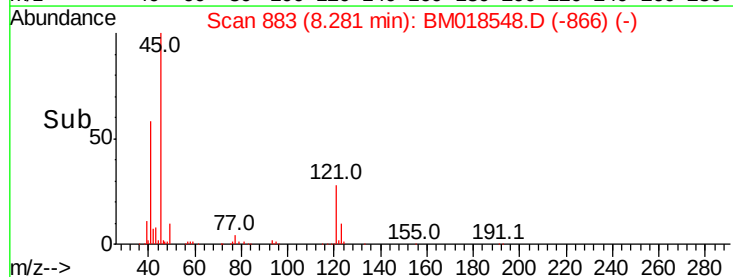
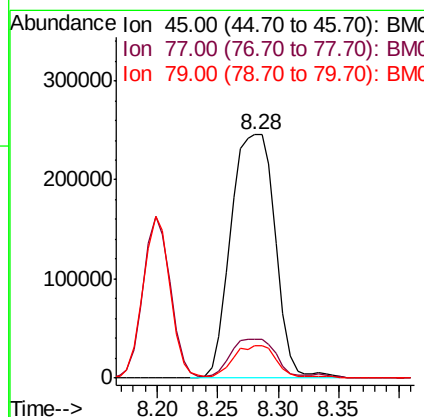
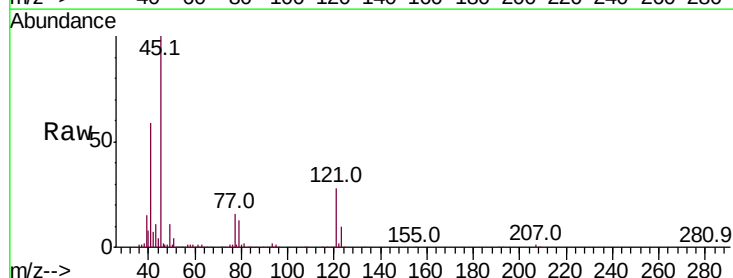
RT: 8.28 min Scan# 883

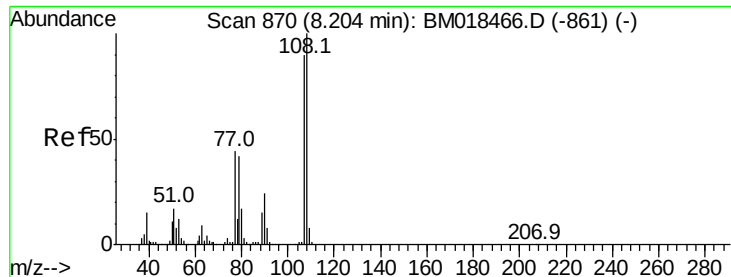
Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:	45	Resp:	625026
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	33.4
79	13.3	0.0	31.1





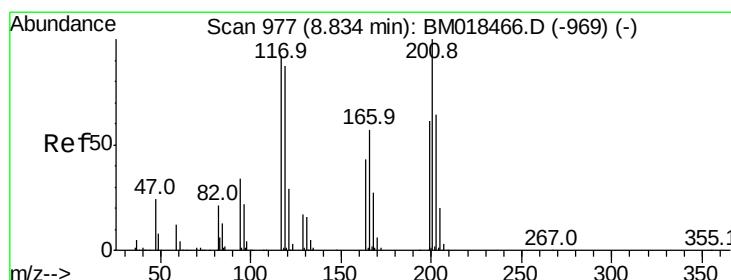
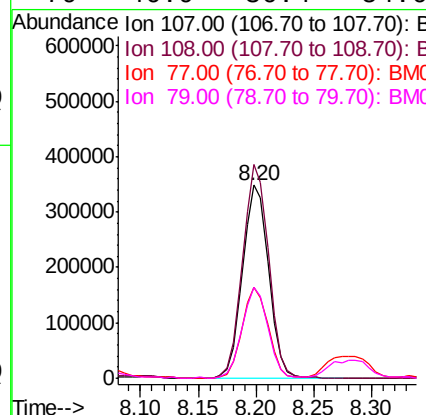
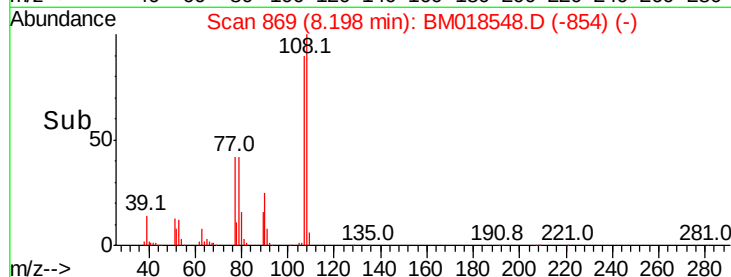
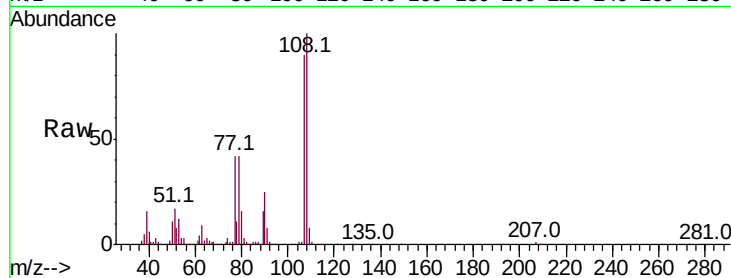
#17
2-Methylphenol
Concen: 43.494 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	87.5	131.3	
77	46.8	37.3	55.9	
79	46.9	36.4	54.6	

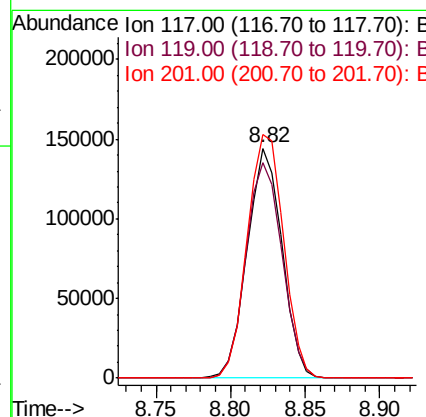
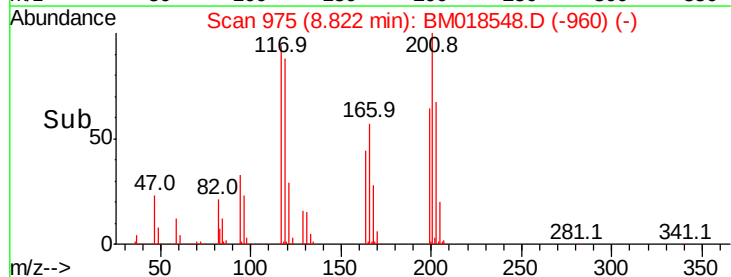
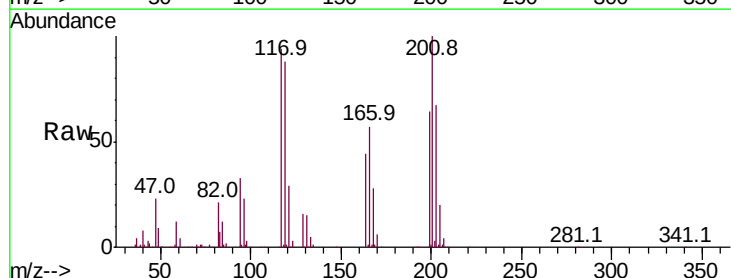
Manual Integrations
APPROVED

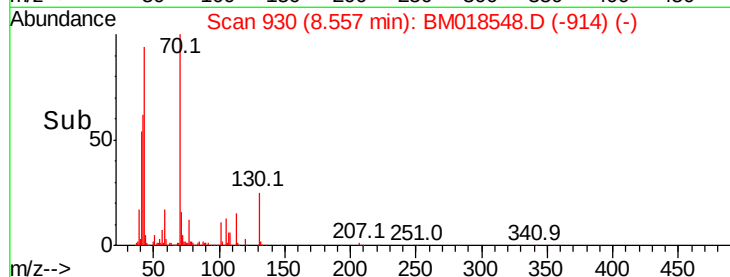
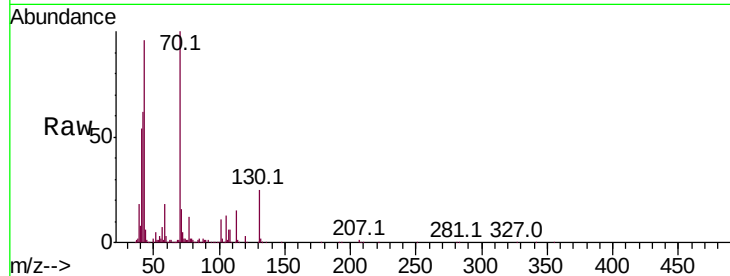
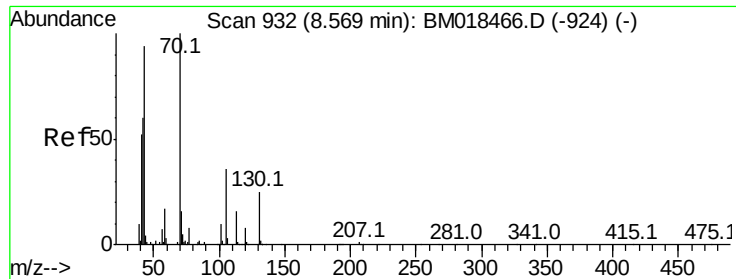
Sohil
1/14/2019 4:43:09 PM



#18
Hexachloroethane
Concen: 32.345 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.4	78.3	117.5	
201	105.9	81.4	122.0	





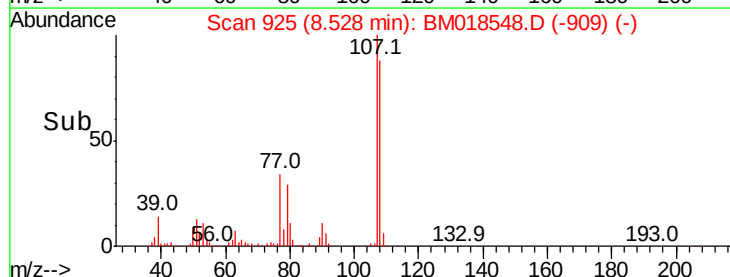
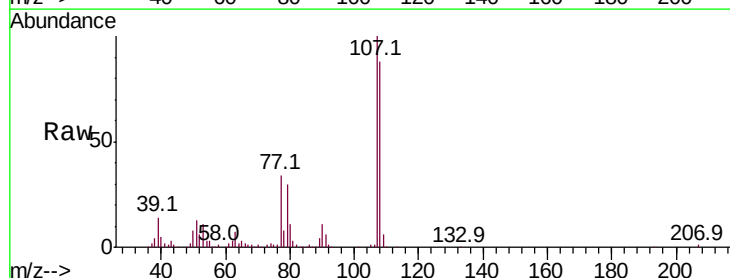
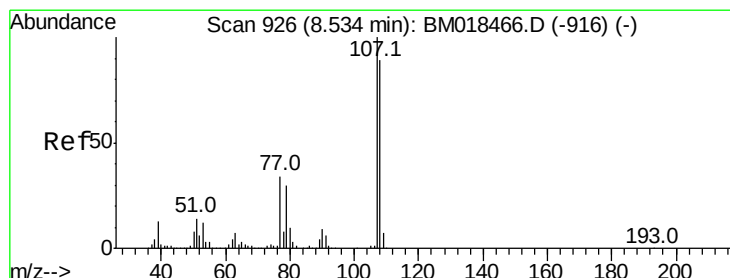
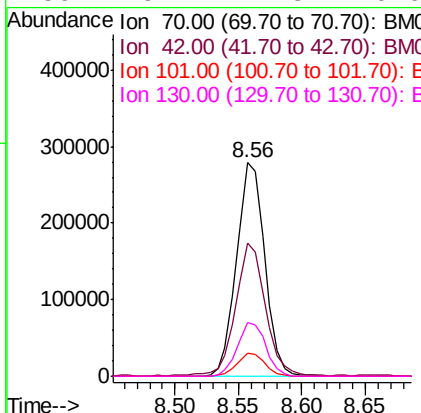
#19
n-Nitroso-di-n-propylamine
Concen: 36.503 ng
RT: 8.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.1	54.0	81.0	
101	10.6	8.1	12.1	
130	25.1	17.8	26.6	

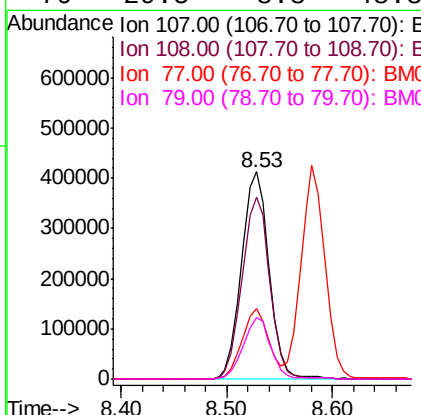
Manual Integrations
APPROVED

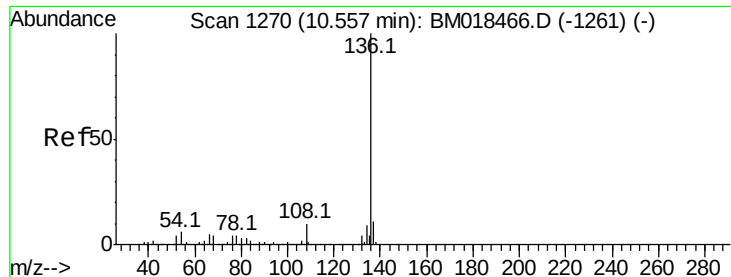
Sohil
1/14/2019 4:43:09 PM



#20
3+4-Methylphenols
Concen: 43.422 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.1	66.8	106.8	
77	33.8	13.3	53.3	
79	29.5	8.8	48.8	





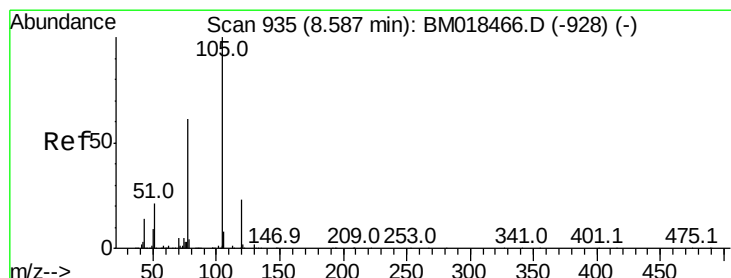
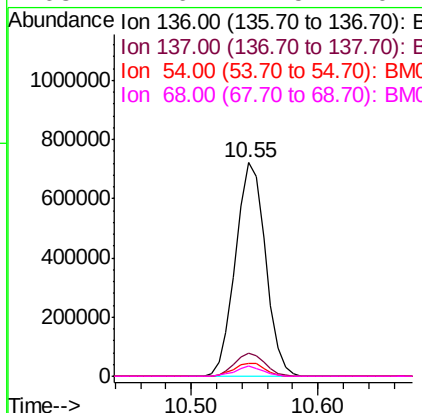
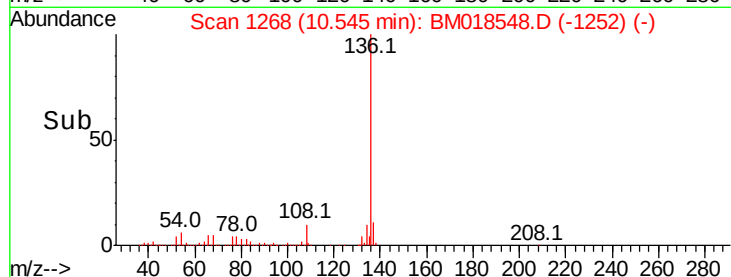
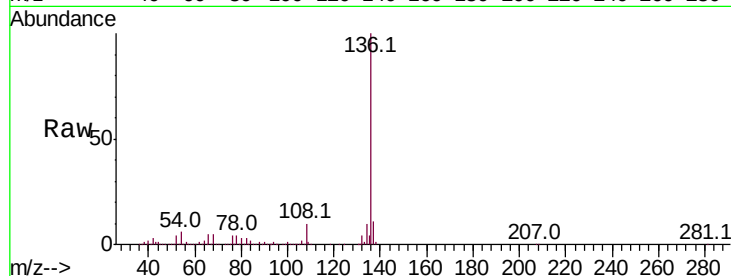
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.2	6.0	9.0
68	4.6	4.5	6.7

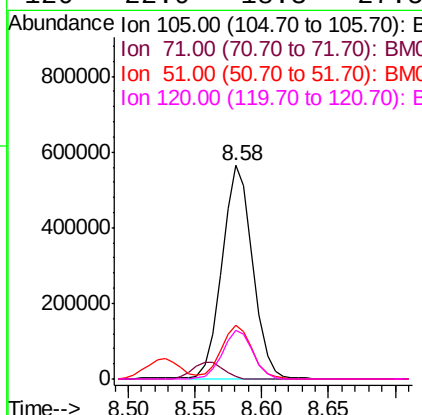
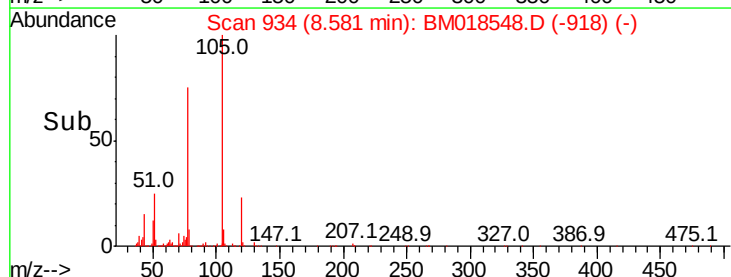
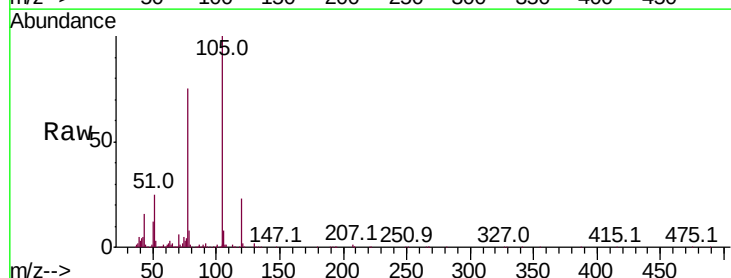
Manual Integrations
APPROVED

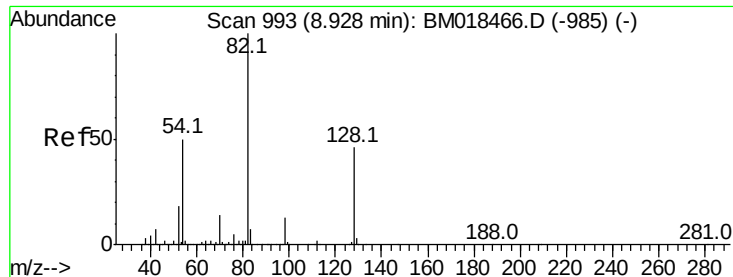
Sohil
1/14/2019 4:43:09 PM



#22
Acetophenone
Concen: 30.837 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.7	2.5#
51	25.2	22.6	34.0
120	22.9	18.3	27.5





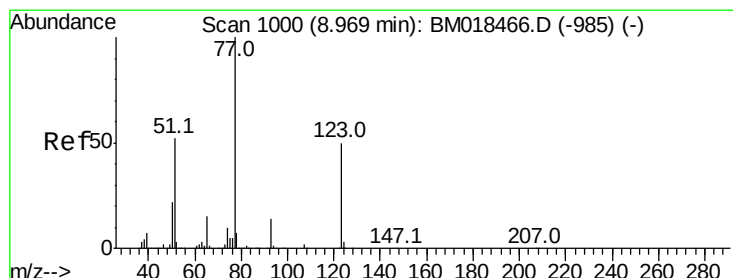
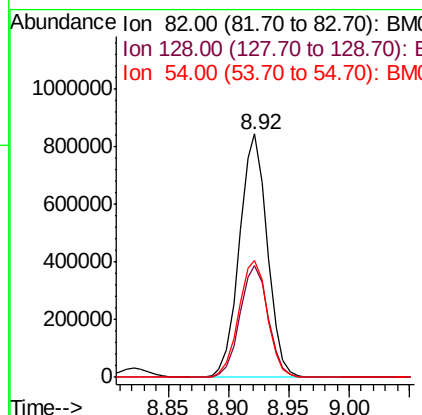
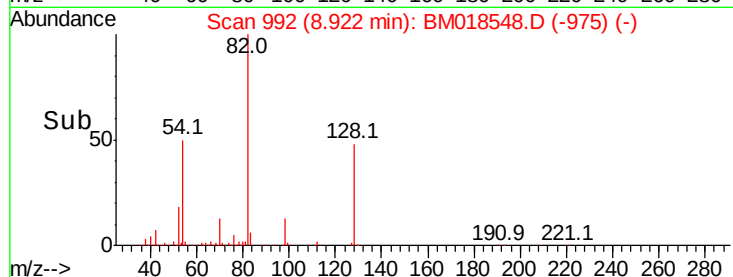
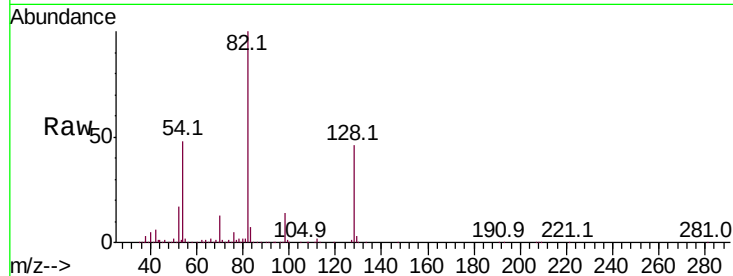
#23
Nitrobenzene-d5
Concen: 66.904 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampled :
PB116317BS

Tot Ion: 82 Resp: 1363199
Ion Ratio Lower Upper
82 100
128 45.8 36.3 54.5
54 48.3 41.7 62.5

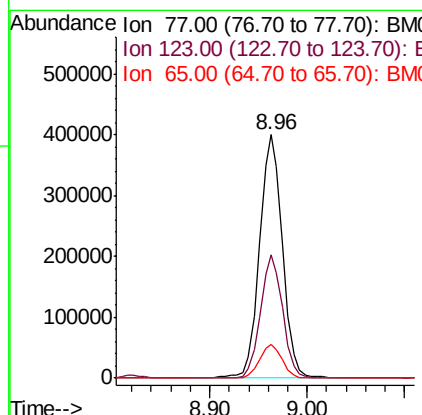
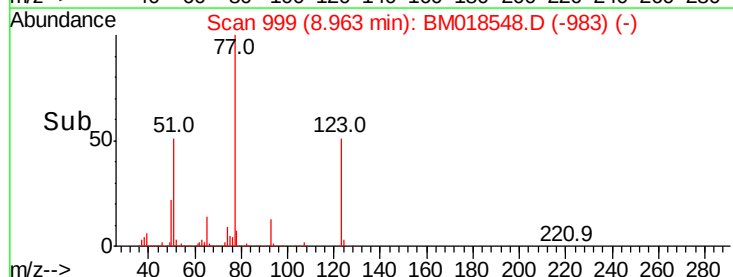
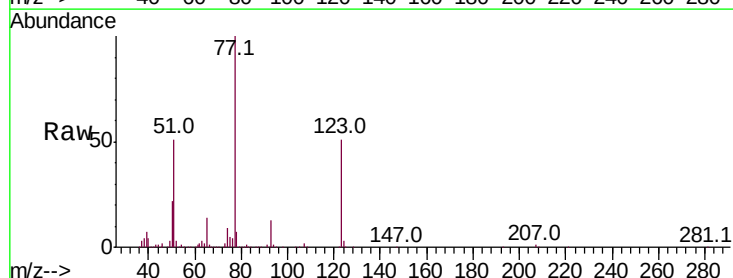
Manual Integrations
APPROVED

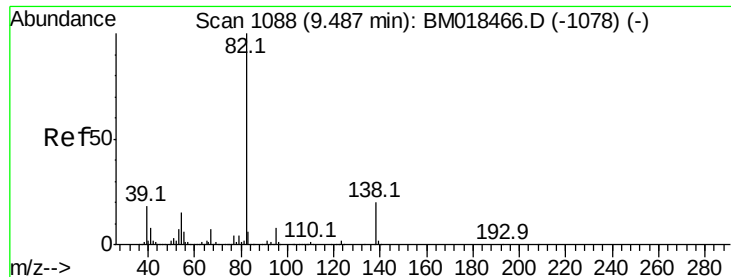
Sohil
1/14/2019 4:43:09 PM



#24
Nitrobenzene
Concen: 32.629 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion: 77 Resp: 654146
Ion Ratio Lower Upper
77 100
123 50.8 37.7 56.5
65 13.8 11.0 16.6





#25

Isophorone

Concen: 38.995 ng

RT: 9.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

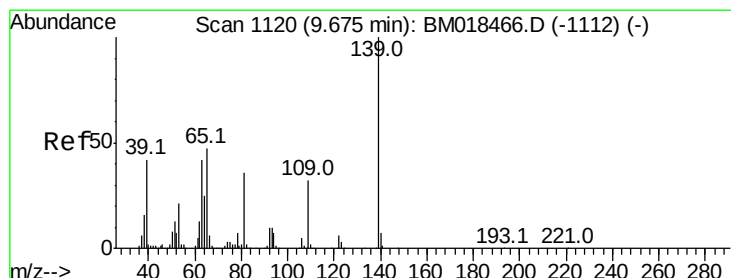
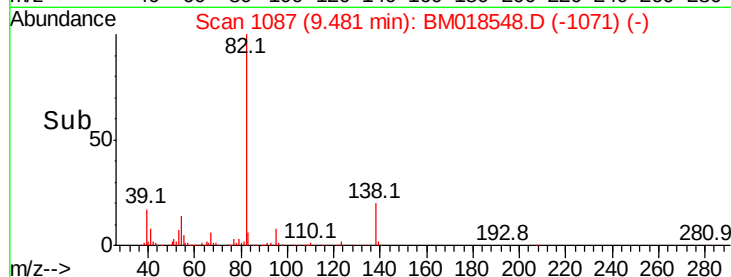
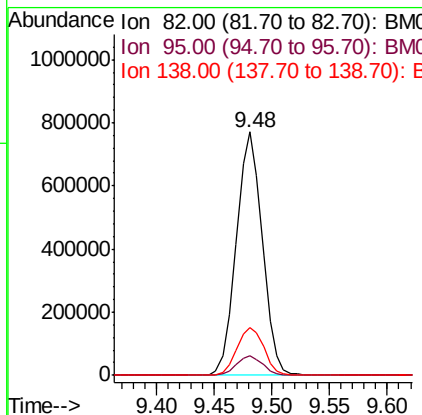
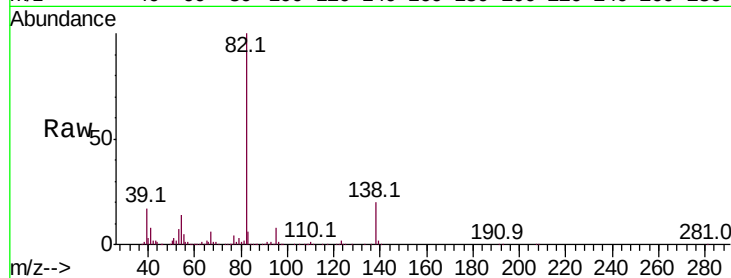
ClientSampled :

PB116317BS

Tot Ion	82	Resp	1203166
Ion	Ratio	Lower	Upper
82	100		
95	8.2	6.1	9.1
138	19.7	15.1	22.7

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:09 PM



#26

2-Nitrophenol

Concen: 37.476 ng

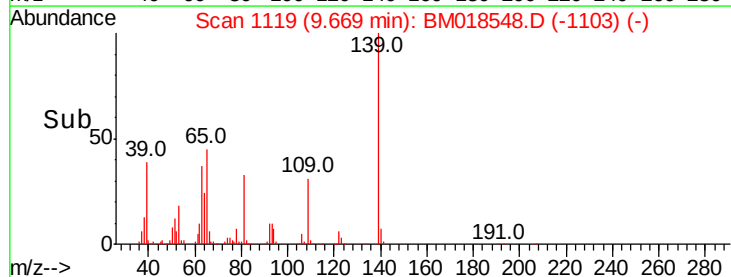
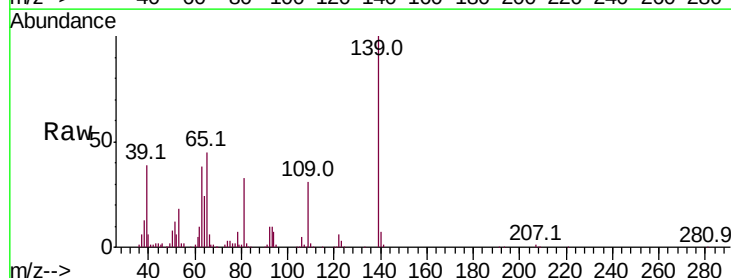
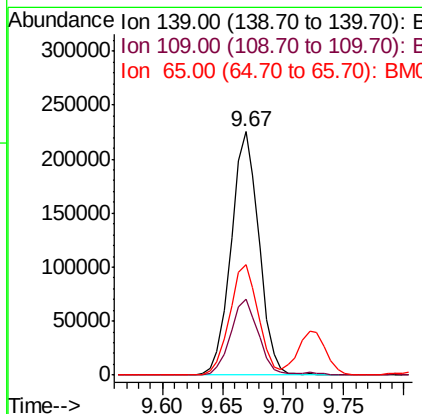
RT: 9.67 min Scan# 1119

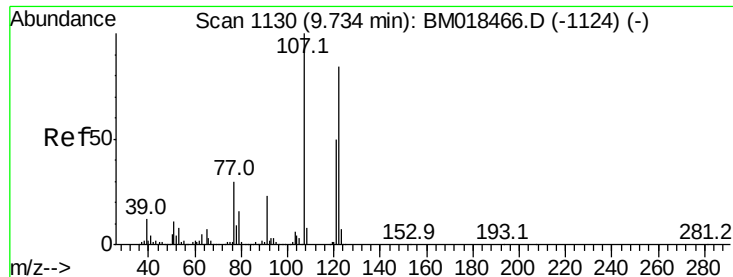
Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion	139	Resp	363287
Ion	Ratio	Lower	Upper
139	100		
109	31.1	23.4	35.2
65	45.4	39.4	59.2





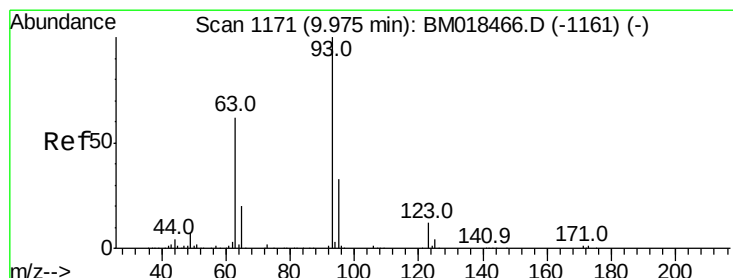
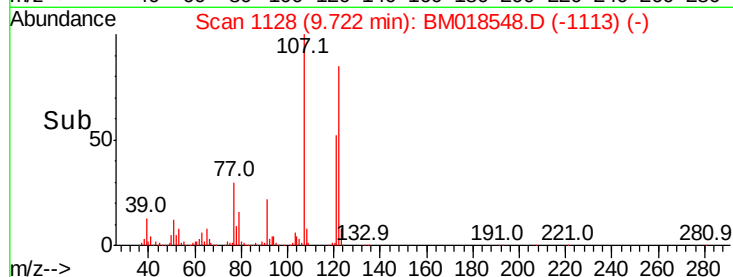
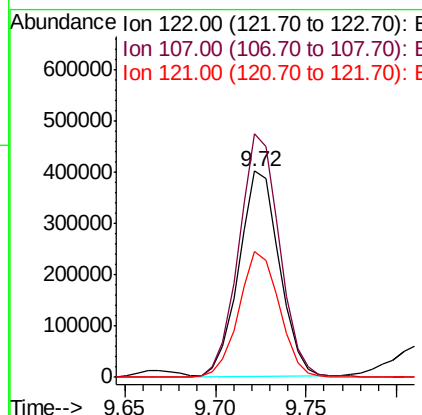
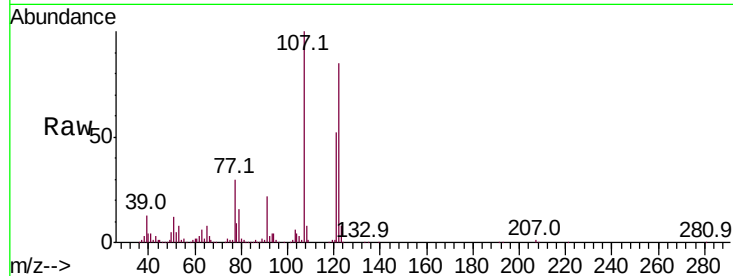
#27
 2,4-Dimethylphenol
 Concen: 42.692 ng
 RT: 9.72 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	620313		
107	118.1	91.9	137.9	
121	61.1	47.5	71.3	

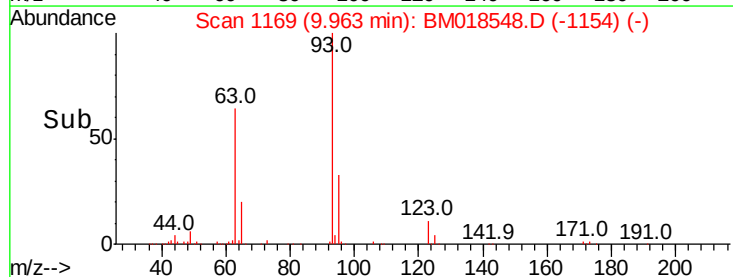
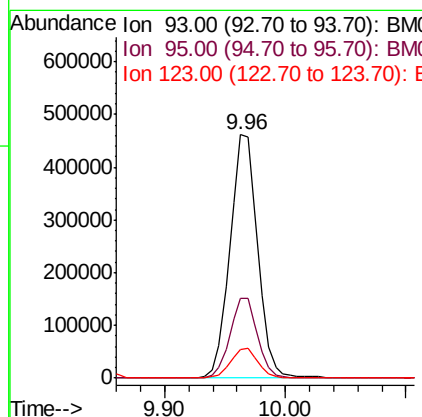
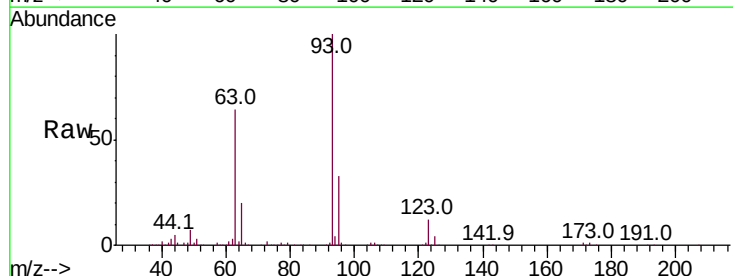
Manual Integrations
 APPROVED

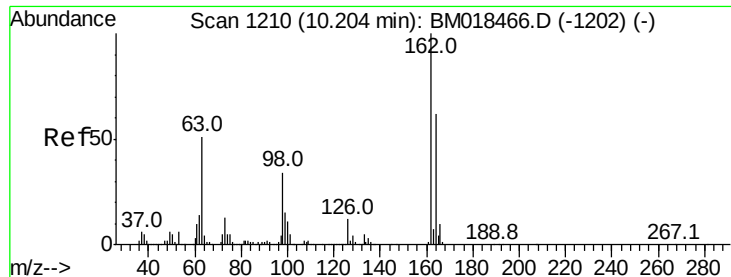
Sohil
 1/14/2019 4:43:09 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.602 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	737530		
95	32.8	26.6	39.8	
123	11.7	9.9	14.9	





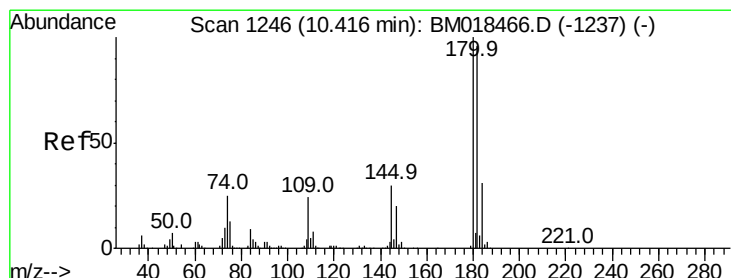
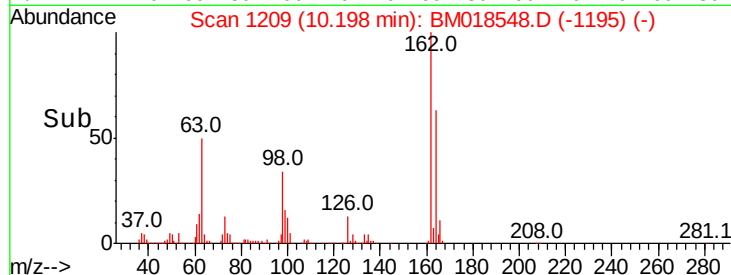
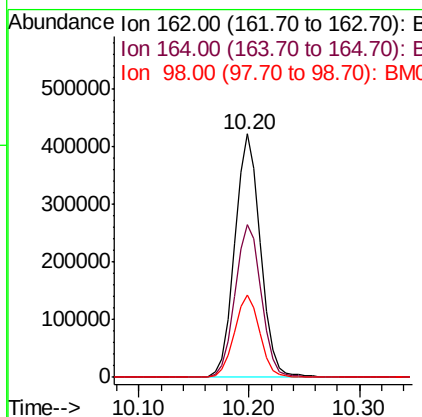
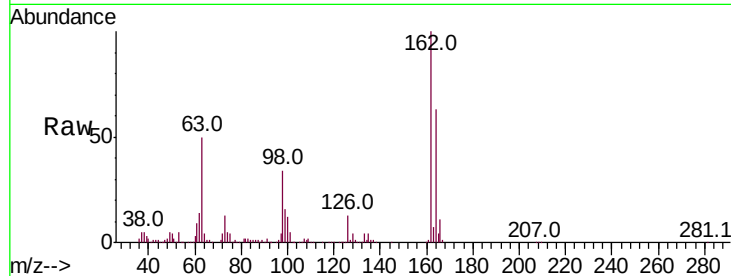
#29
2,4-Dichlorophenol
Concen: 39.770 ng
RT: 10.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampled :
PB116317BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	688095		
164	62.7	45.6	85.6	
98	34.0	14.7	54.7	

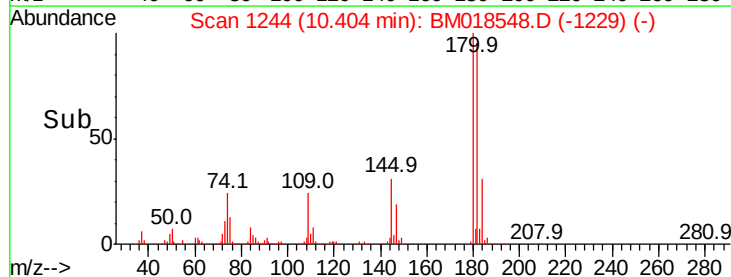
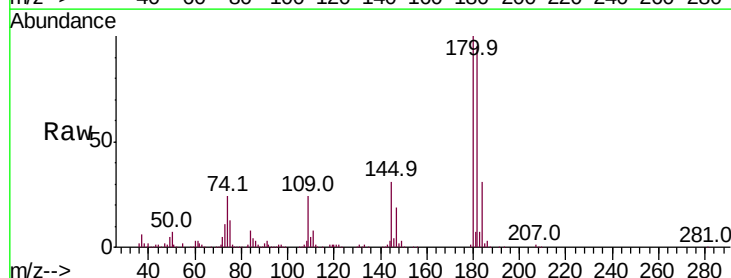
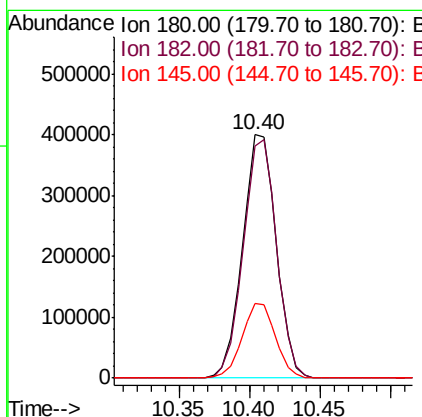
Manual Integrations
APPROVED

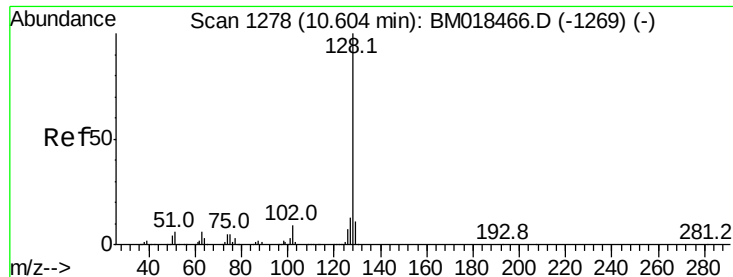
Sohil
1/14/2019 4:43:09 PM



#30
1,2,4-Trichlorobenzene
Concen: 31.181 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	669625		
182	95.1	77.4	116.2	
145	30.7	24.6	37.0	





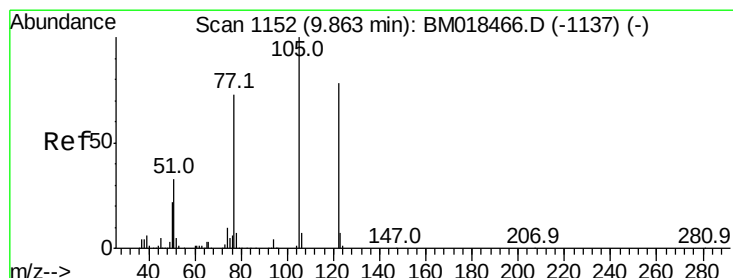
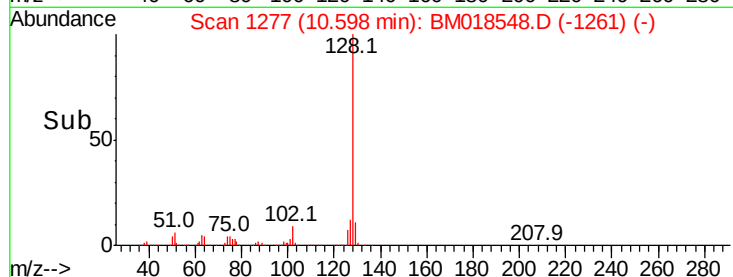
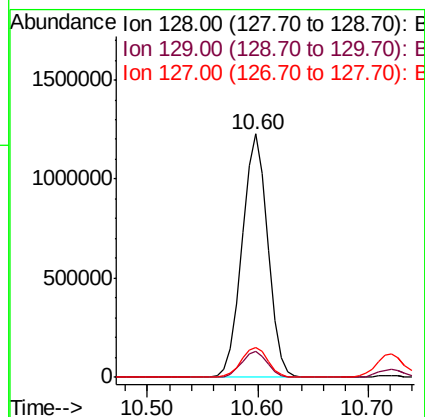
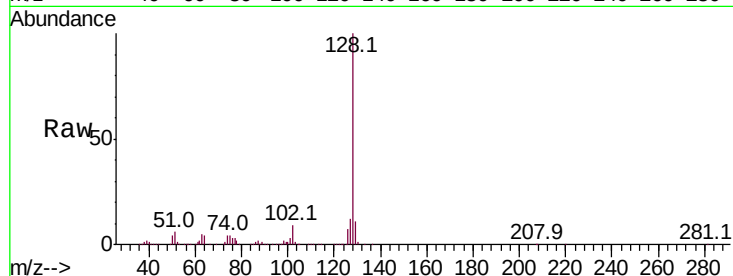
#31
Naphthalene
Concen: 35.262 ng
RT: 10.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	12.4	10.8	16.2

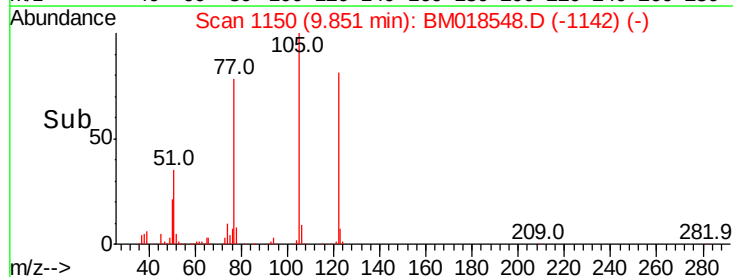
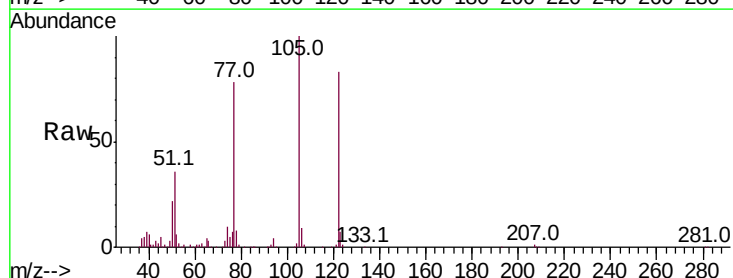
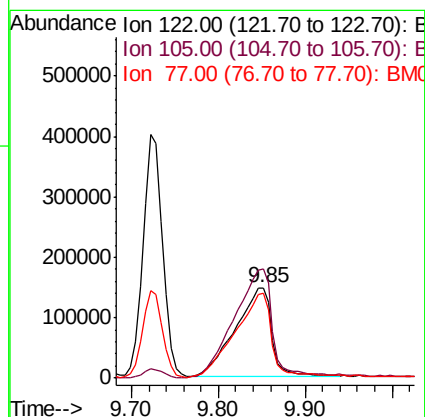
Manual Integrations
APPROVED

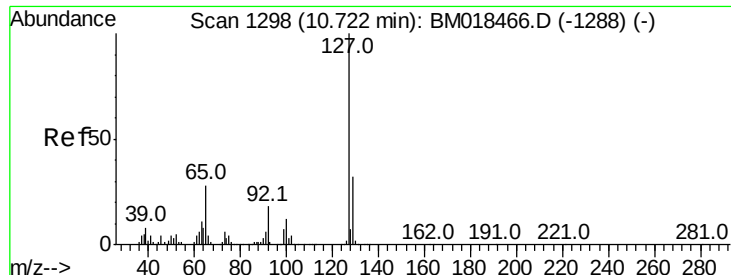
Sohil
1/14/2019 4:43:09 PM



#32
Benzoic acid
Concen: 44.711 ng m
RT: 9.85 min Scan# 1150
Delta R.T. -0.05 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	100.4	140.4
77	94.4	71.7	111.7





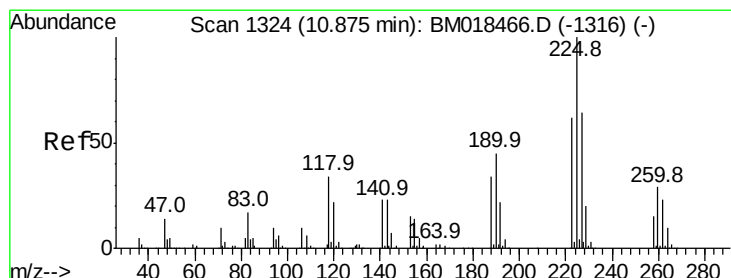
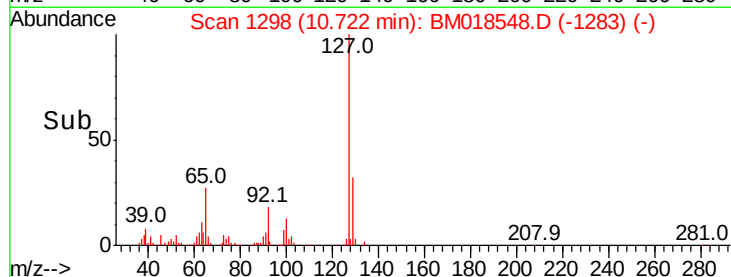
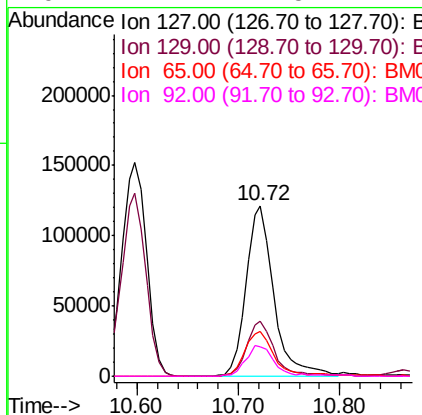
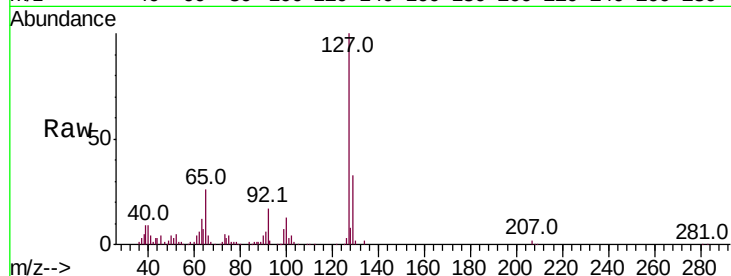
#33
4-Chloroaniline
Concen: 10.321 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.9	38.9	
65	26.3	23.4	35.2	
92	17.4	14.5	21.7	

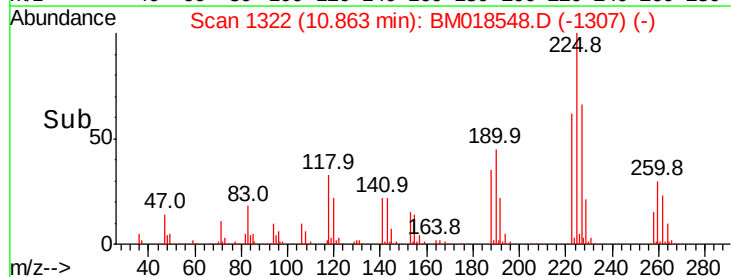
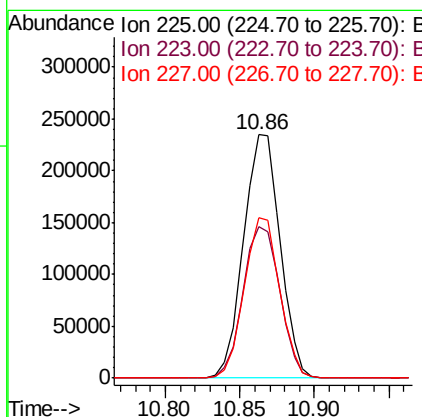
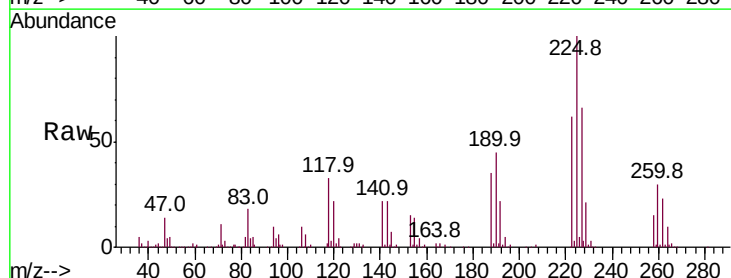
Manual Integrations
APPROVED

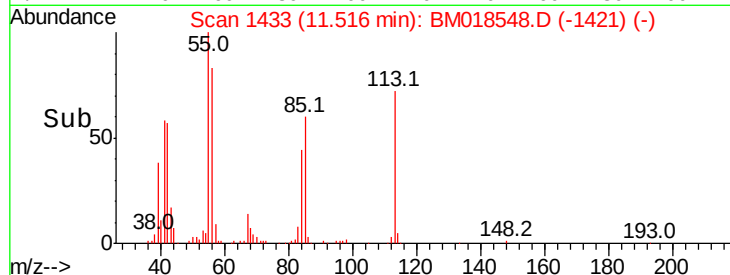
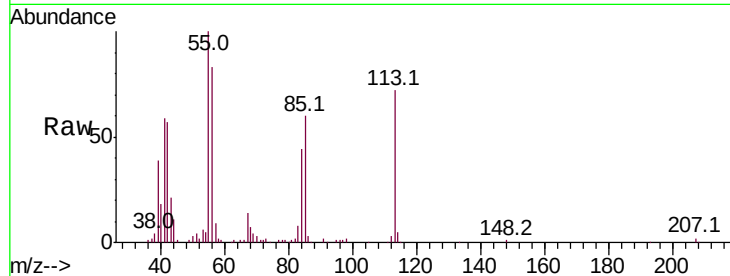
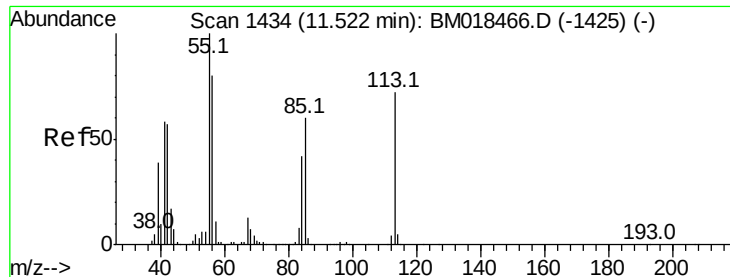
Sohil
1/14/2019 4:43:09 PM



#34
Hexachlorobutadiene
Concen: 29.290 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.8	76.2	
227	65.7	50.4	75.6	





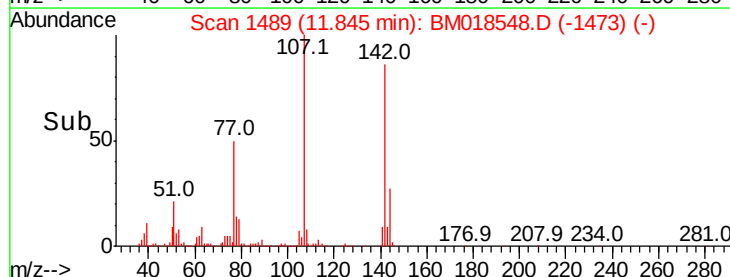
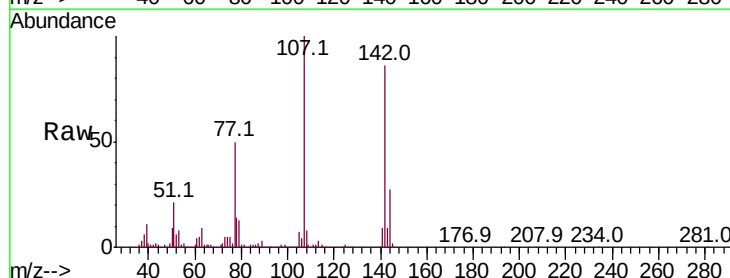
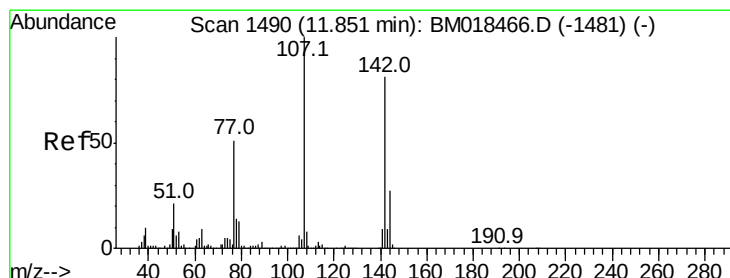
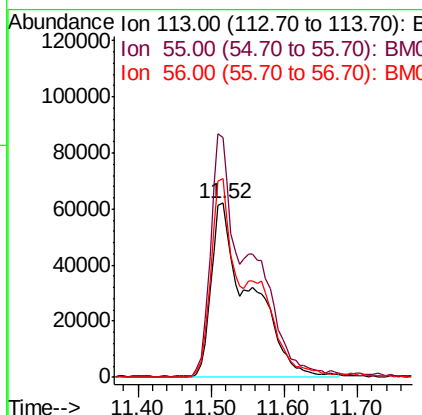
#35
Caprolactam
Concen: 39.207 ng/ml
RT: 11.52 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	138.1	139.3	179.3#	
56	114.2	101.4	141.4	

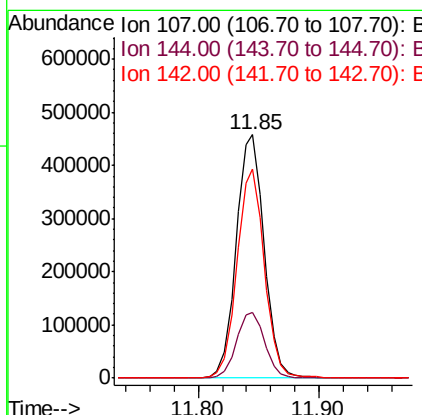
Manual Integrations
APPROVED

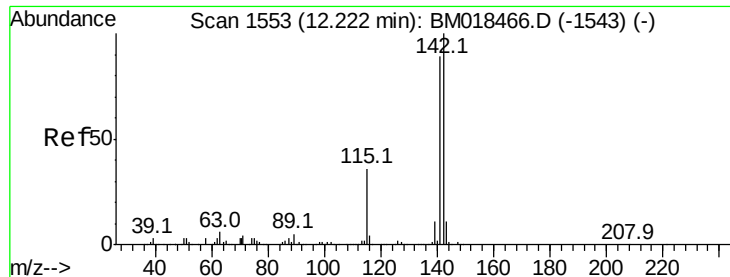
Sohil
1/14/2019 4:43:09 PM



#36
4-Chloro-3-methylphenol
Concen: 40.702 ng/ml
RT: 11.85 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	27.1	21.9	32.9	
142	86.0	67.9	101.9	





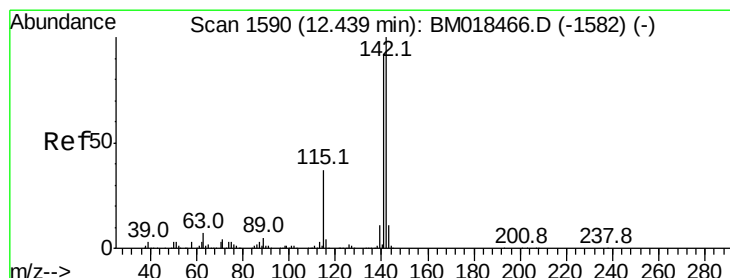
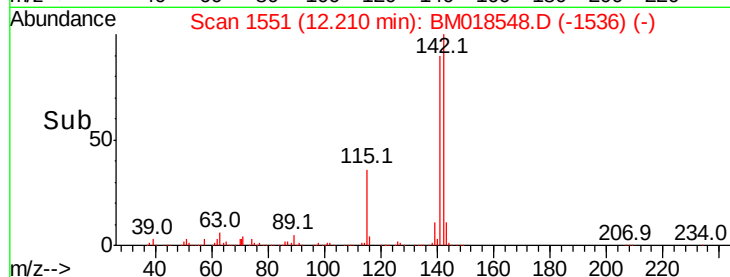
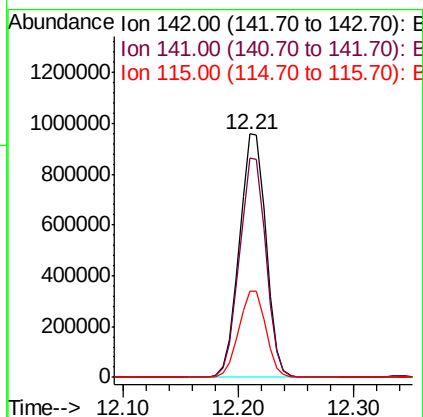
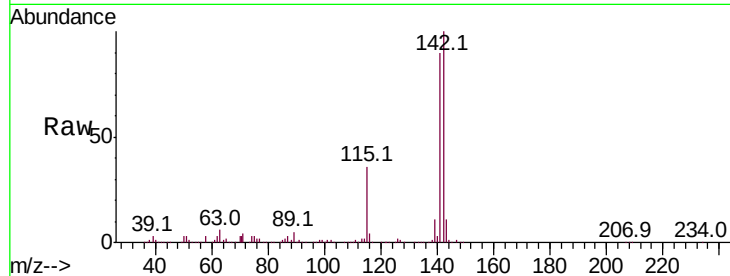
#37
2-Methylnaphthalene
Concen: 38.075 ng
RT: 12.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.4	107.2
115	35.6	28.0	42.0

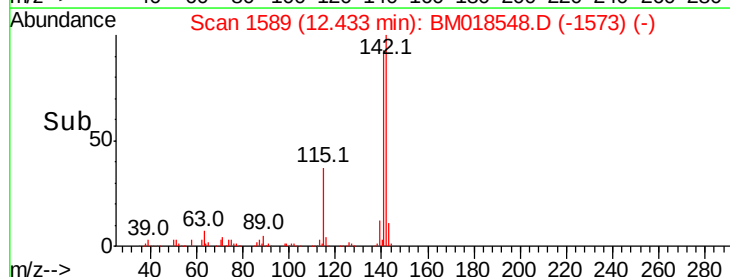
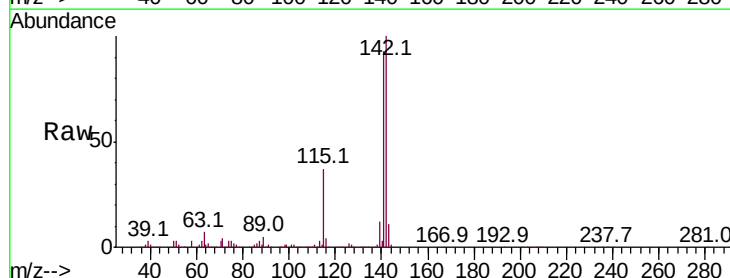
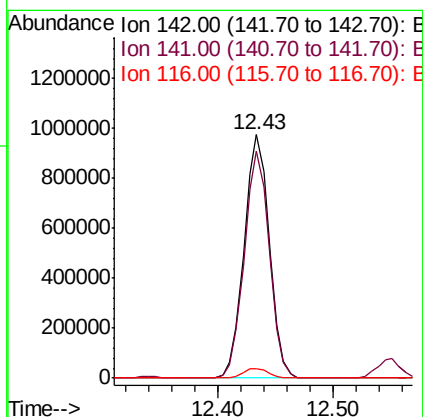
Manual Integrations
APPROVED

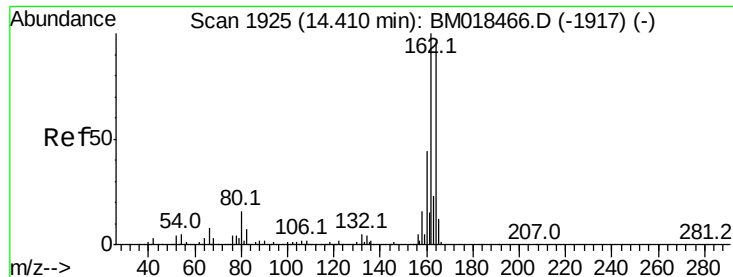
Sohil
1/14/2019 4:43:09 PM



#38
1-Methylnaphthalene
Concen: 37.935 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.6	113.4
116	3.7	3.0	4.6





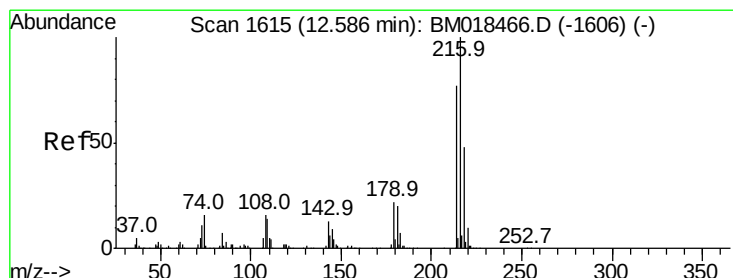
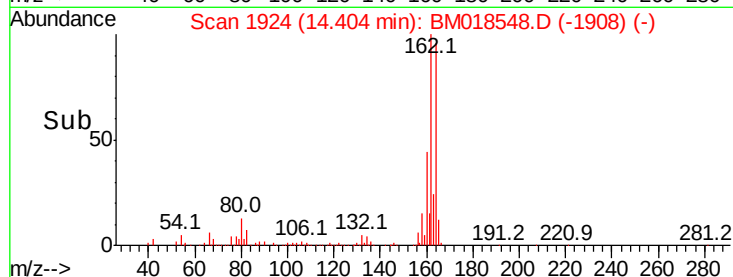
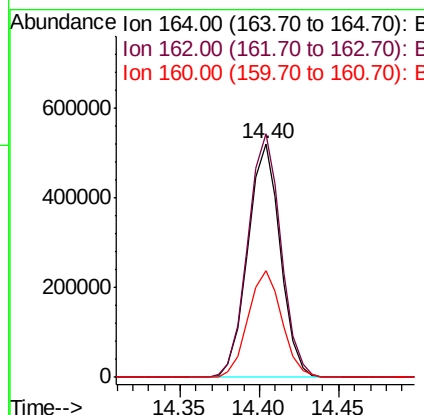
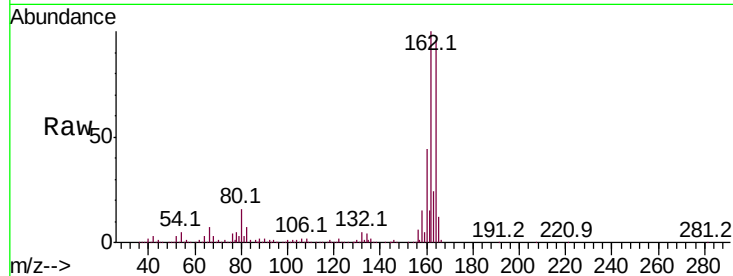
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	83.0	124.4	
160	45.9	37.1	55.7	

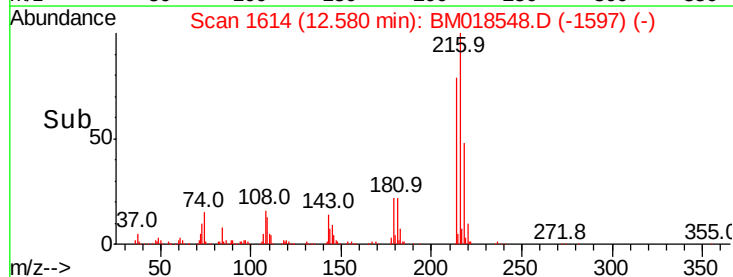
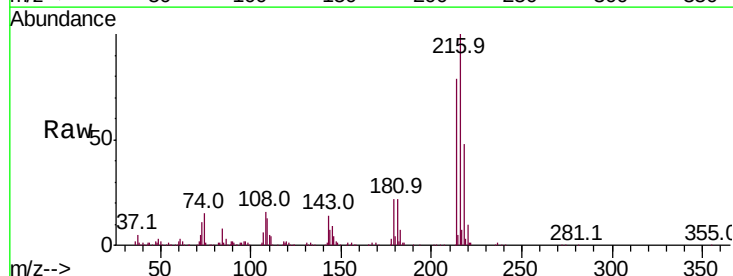
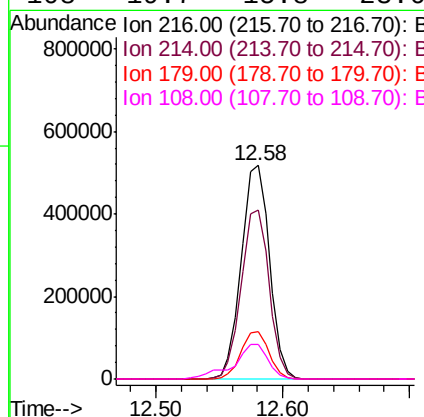
Manual Integrations
APPROVED

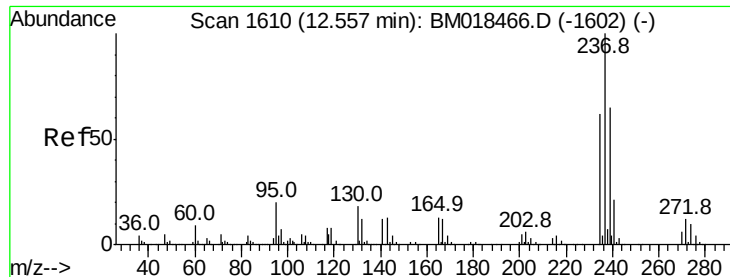
Sohil
1/14/2019 4:43:09 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.860 ng
RT: 12.58 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.4	95.0	
179	22.1	17.9	26.9	
108	19.7	15.8	23.6	





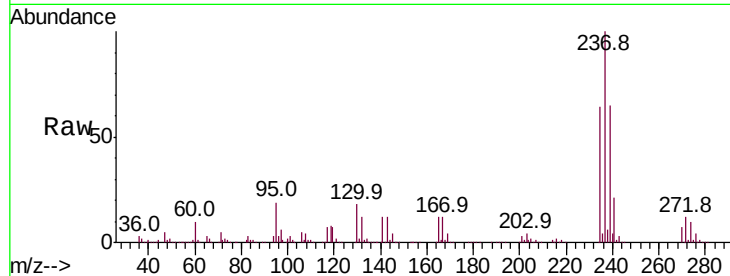
#41
Hexachlorocyclopentadiene
Concen: 65.344 ng
RT: 12.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

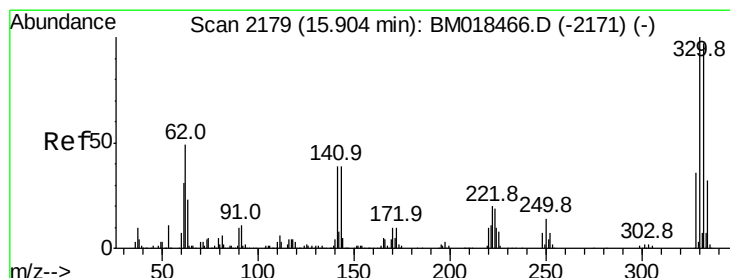
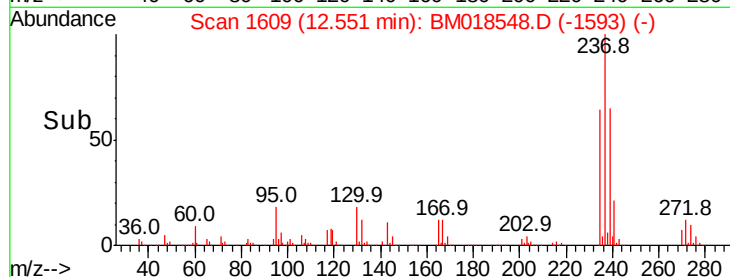
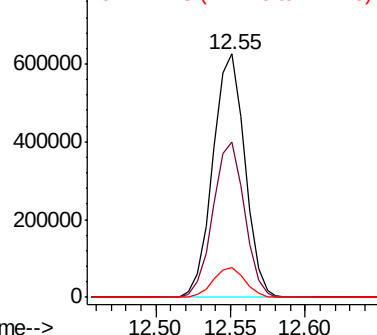
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.6	42.8	82.8	
272	12.2	0.0	31.9	

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:09 PM

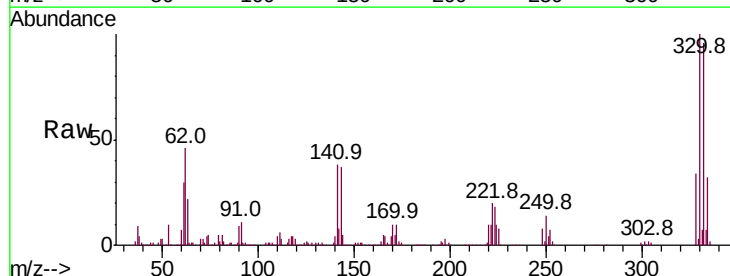


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

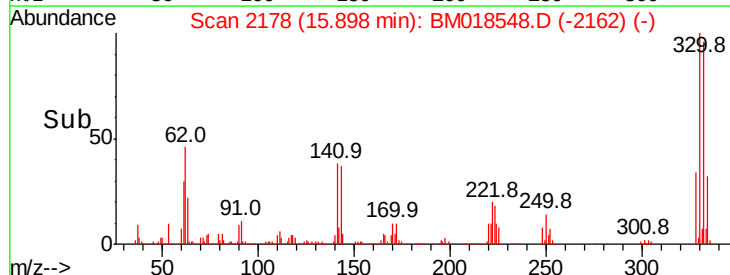
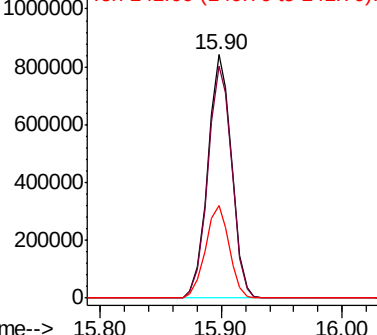


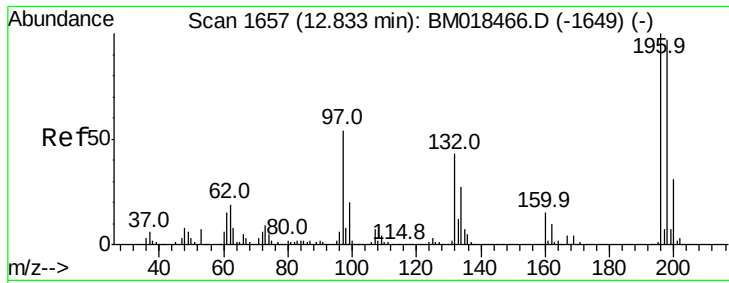
#42
2,4,6-Tribromophenol
Concen: 122.700 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.6	116.4	
141	38.3	31.7	47.5	



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





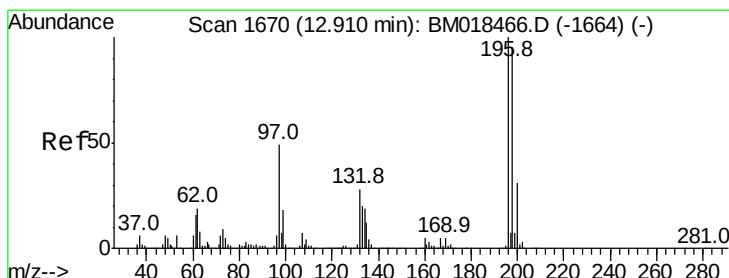
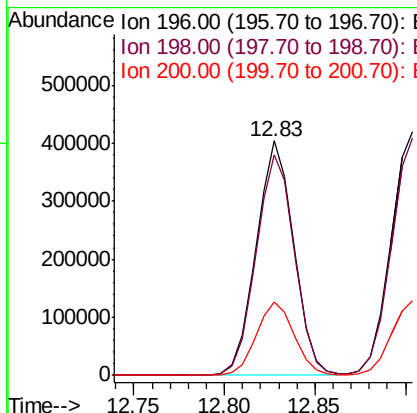
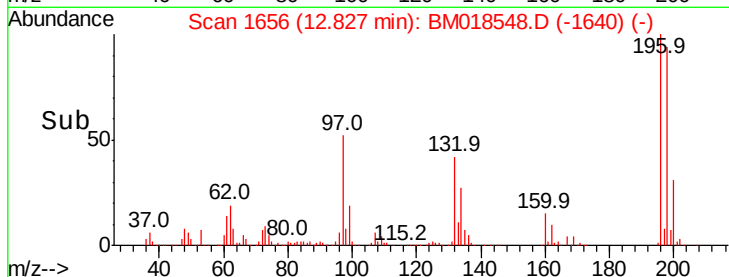
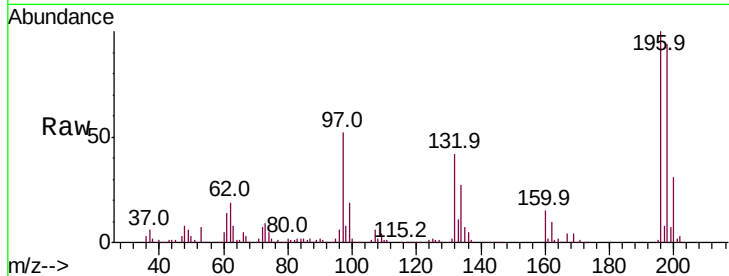
#43
 2,4,6-Trichlorophenol
 Concen: 36.981 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Instrument :
 BNA_M
 ClientSampled :
 PB116317BS

Tot Ion:	196	Resp:	581868
Ion Ratio	Lower	Upper	
196	100		
198	94.3	76.6	115.0
200	31.5	24.2	36.4

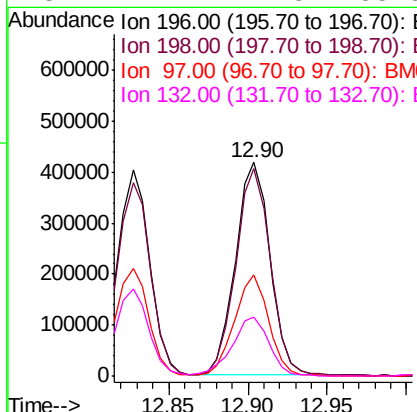
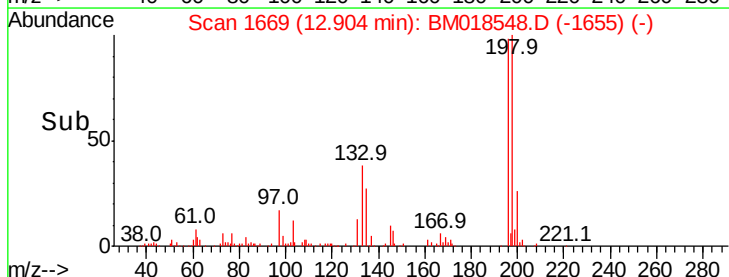
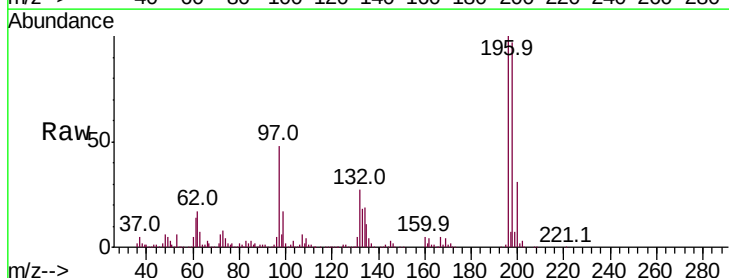
Manual Integrations
 APPROVED

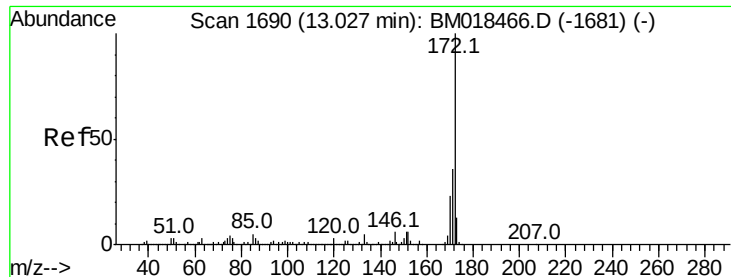
Sohil
 1/14/2019 4:43:09 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.058 ng
 RT: 12.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion:	196	Resp:	629770
Ion Ratio	Lower	Upper	
196	100		
198	97.4	76.7	115.1
97	47.5	39.2	58.8
132	27.4	22.3	33.5





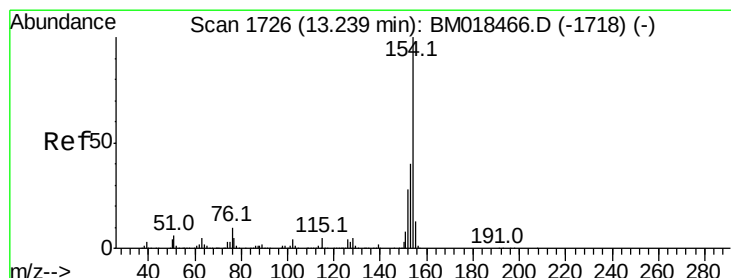
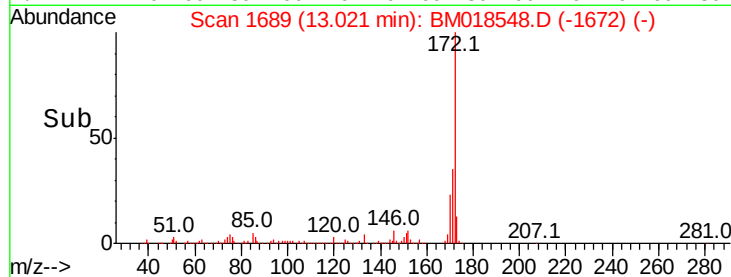
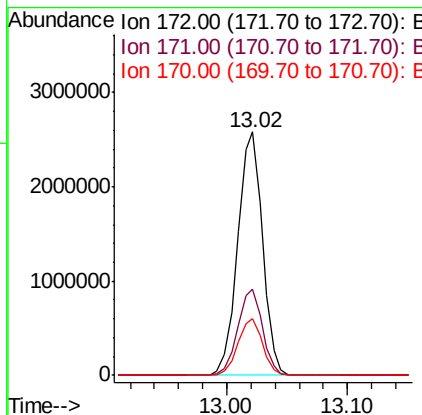
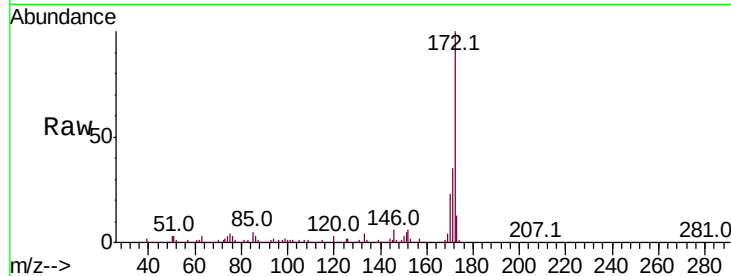
#45
2-Fluorobiphenyl
Concen: 65.111 ng
RT: 13.02 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion:172 Resp: 3697143
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.4
170 23.3 18.9 28.3

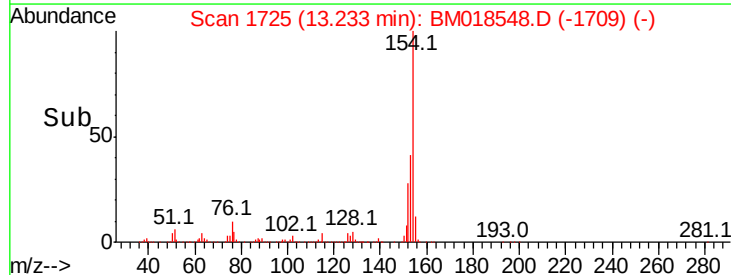
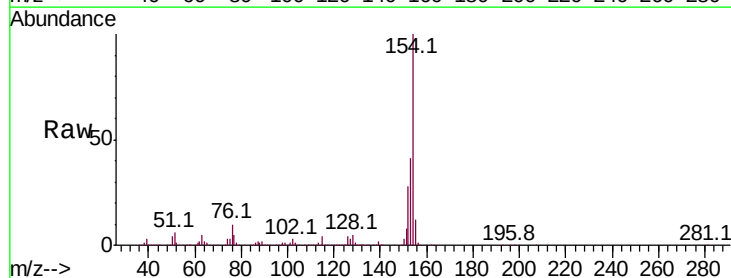
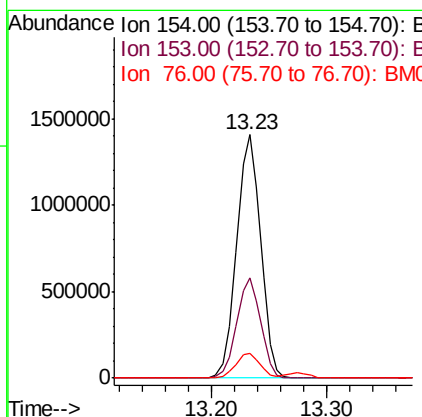
Manual Integrations
APPROVED

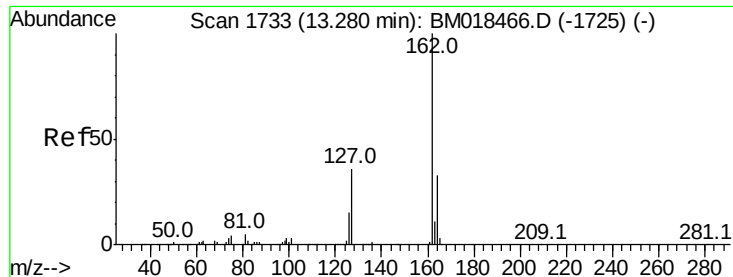
Sohil
1/14/2019 4:43:09 PM



#46
1,1'-Biphenyl
Concen: 31.232 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:154 Resp: 2020552
Ion Ratio Lower Upper
154 100
153 41.2 20.5 60.5
76 10.0 0.0 31.9





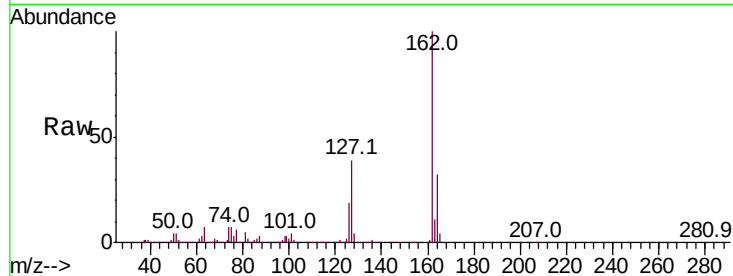
#47
2-Chloronaphthalene
Concen: 31.617 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampled :
PB116317BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.4	47.0
164	32.3	26.2	39.4

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:09 PM

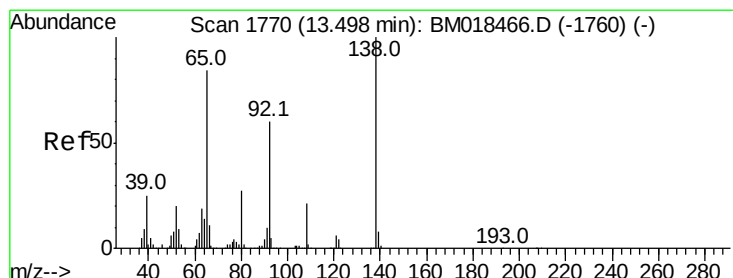
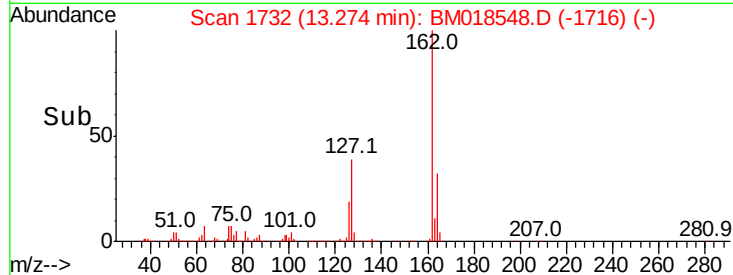
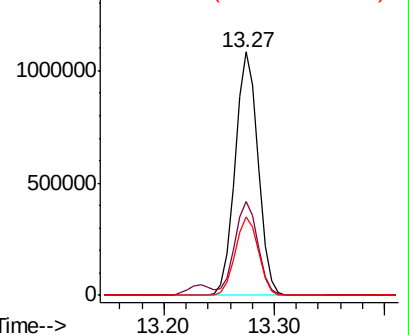


Abundance

Ion 162.00 (161.70 to 162.70): E

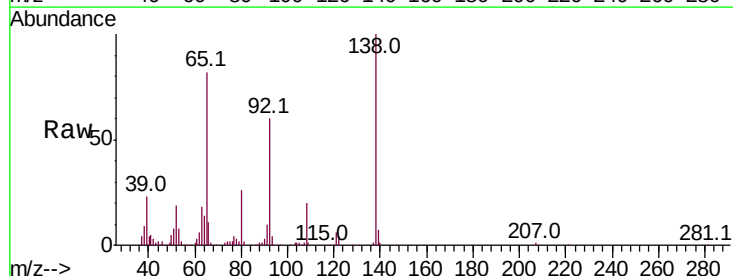
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.215 ng
RT: 13.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	53.4	80.2
138	122.7	88.9	133.3

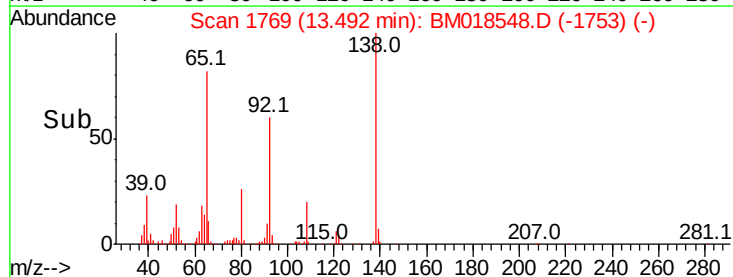
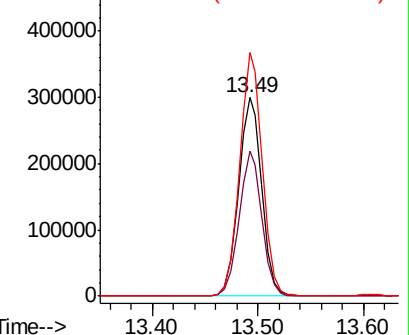


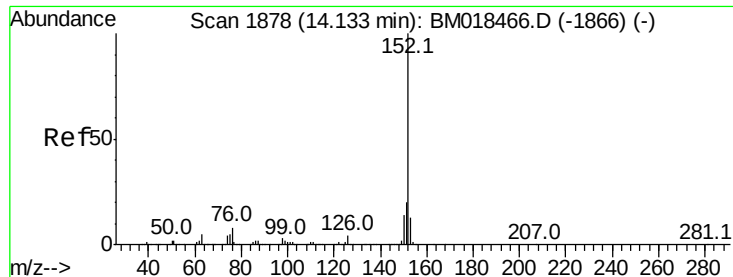
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.284 ng

RT: 14.13 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

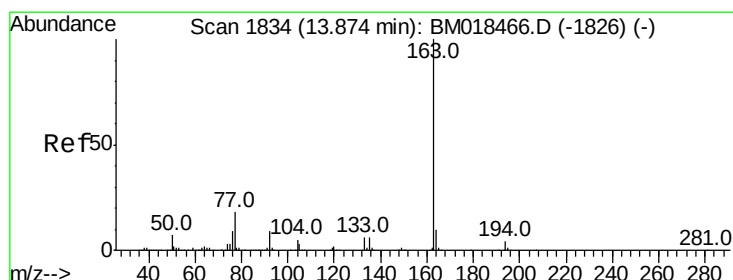
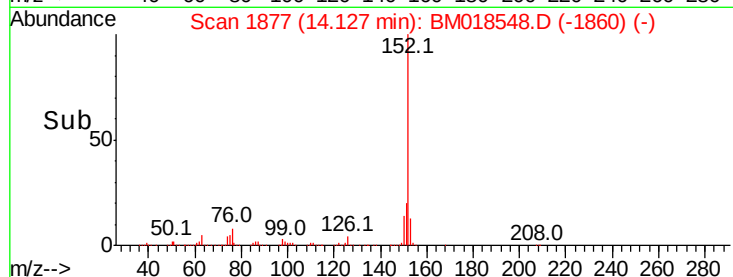
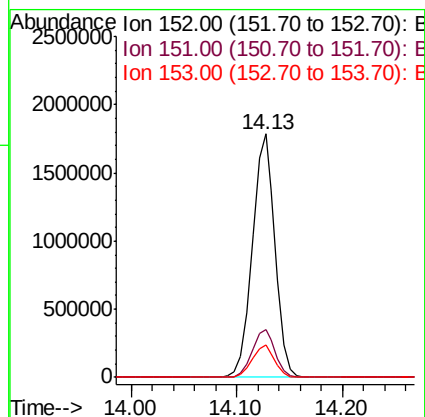
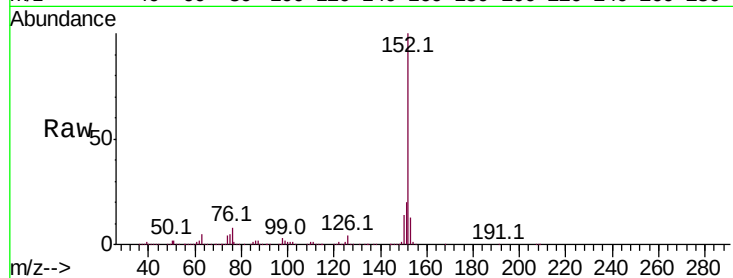
ClientSampleId :

PB116317BS

Tot Ion:	152	Resp:	2652723
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.2	10.5	15.7

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:09 PM



#50

Dimethylphthalate

Concen: 35.242 ng

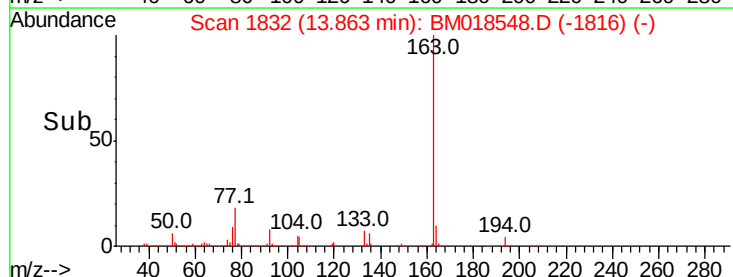
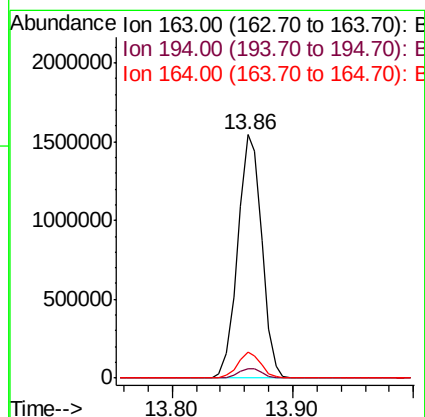
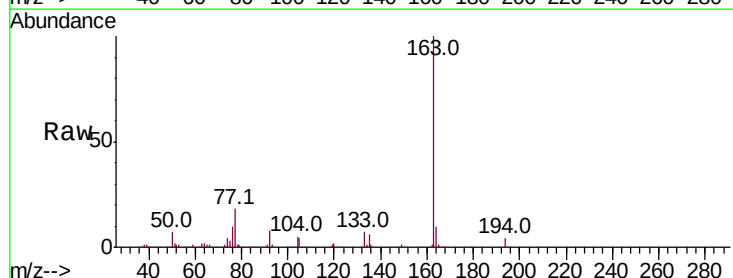
RT: 13.86 min Scan# 1832

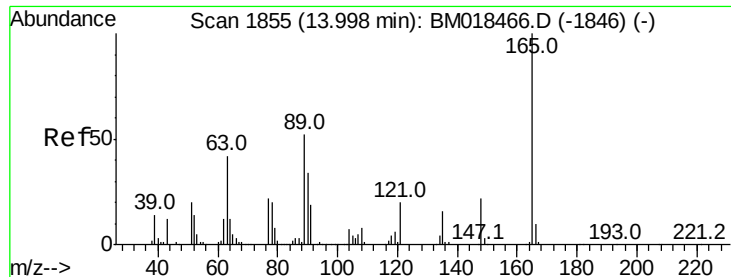
Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:	163	Resp:	2144490
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.5	7.8	11.8





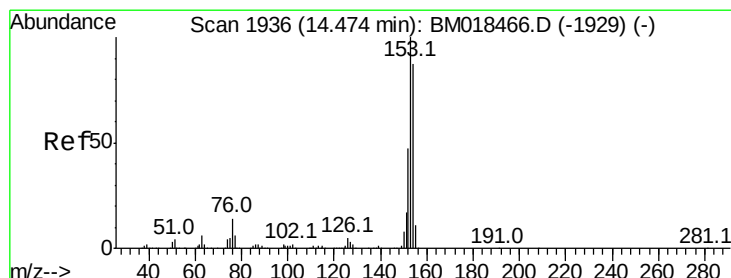
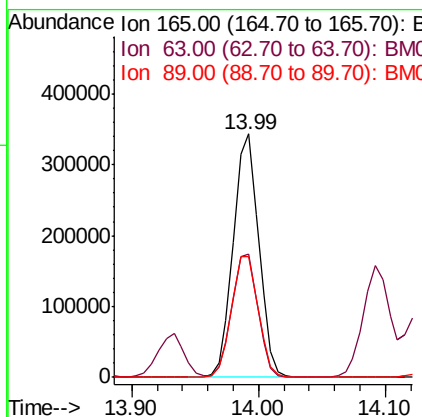
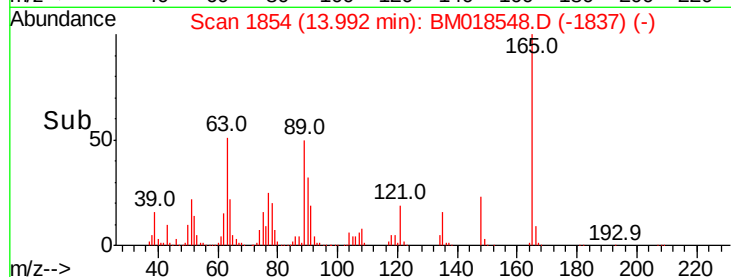
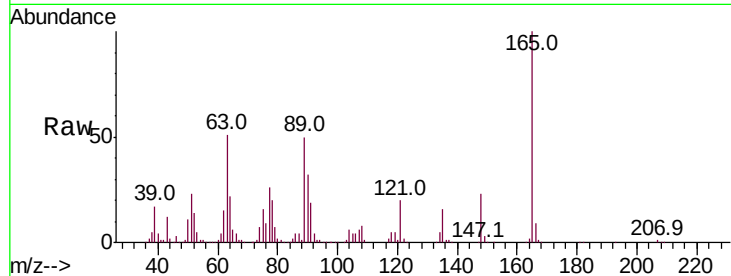
#51
 2,6-Dinitrotoluene
 Concen: 36.906 ng
 RT: 13.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	475704		
63	50.8		45.6	68.4
89	49.8		44.6	66.8

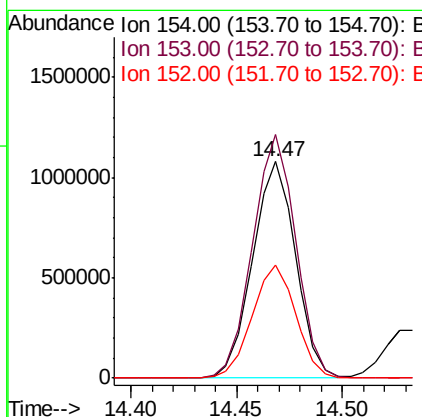
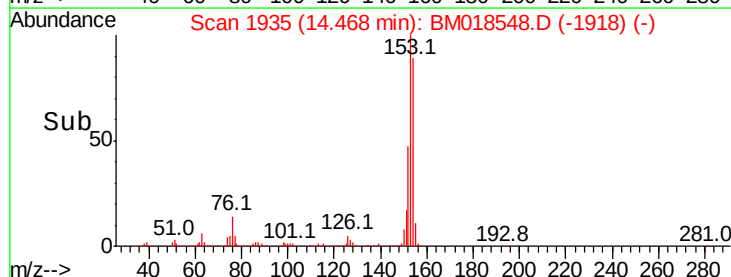
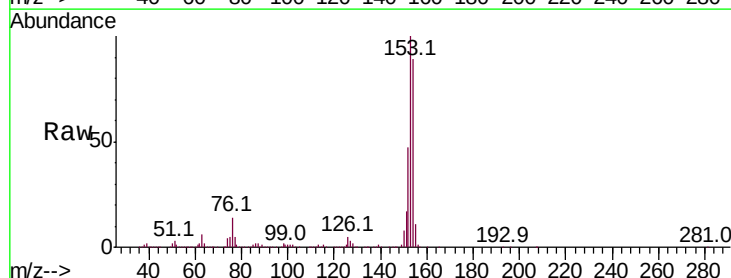
Manual Integrations
 APPROVED

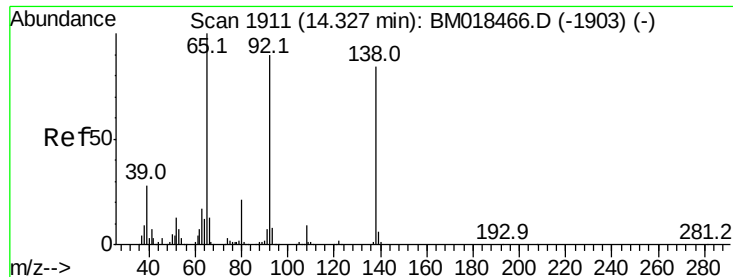
Sohil
 1/14/2019 4:43:09 PM



#52
 Acenaphthene
 Concen: 34.206 ng
 RT: 14.47 min Scan# 1935
 Delta R.T. -0.00 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1530170		
153	112.4		92.3	138.5
152	52.3		43.8	65.6





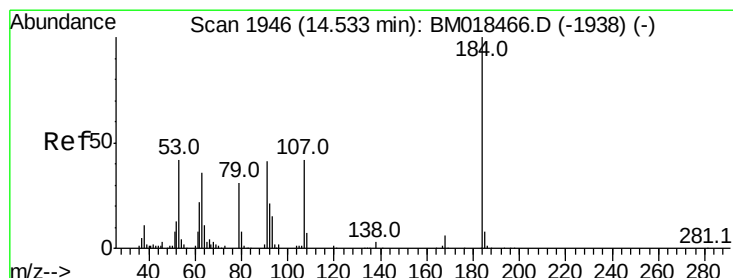
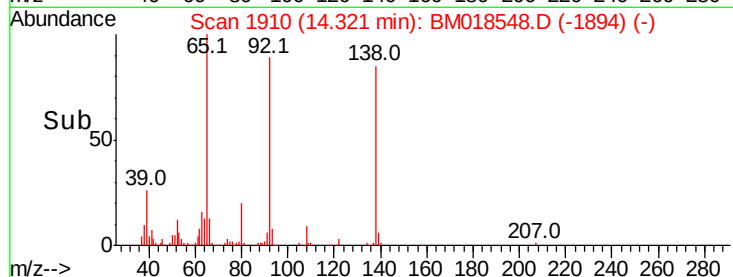
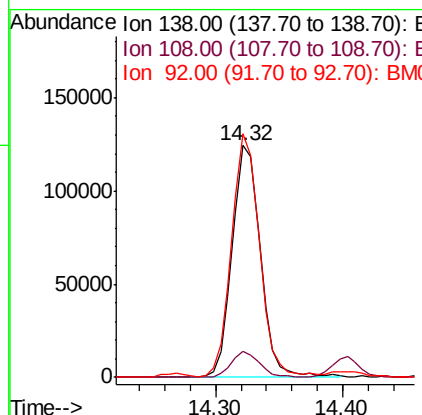
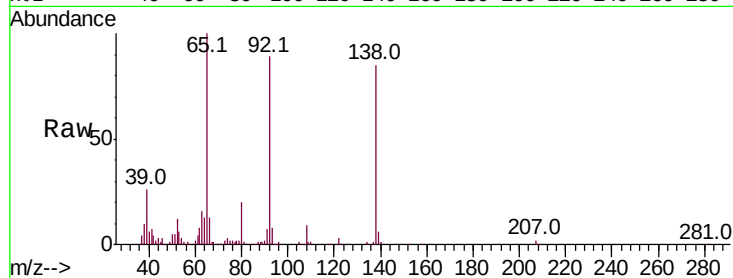
#53
3-Nitroaniline
Concen: 14.718 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	105.0	88.2	132.2

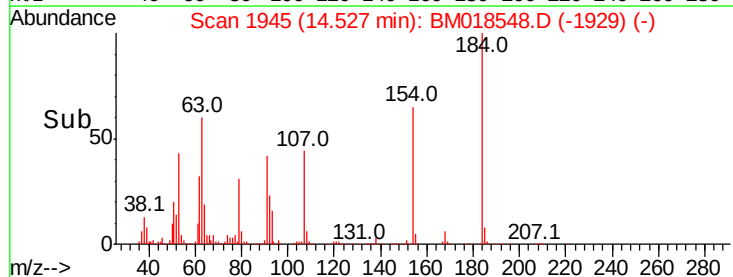
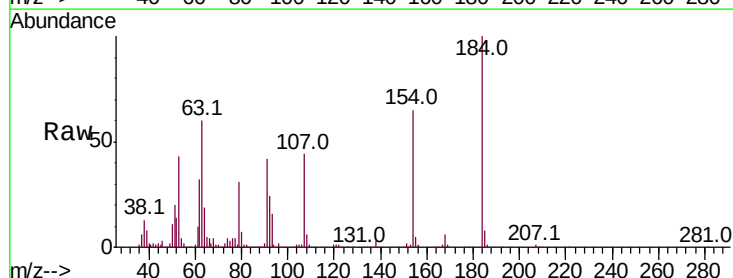
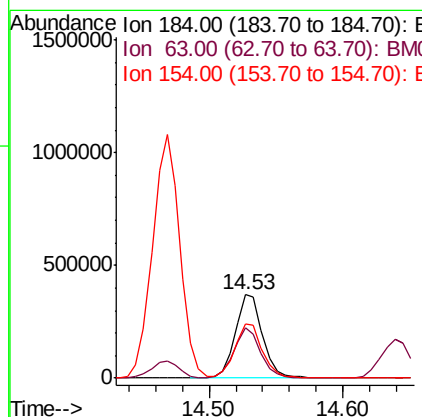
Manual Integrations
APPROVED

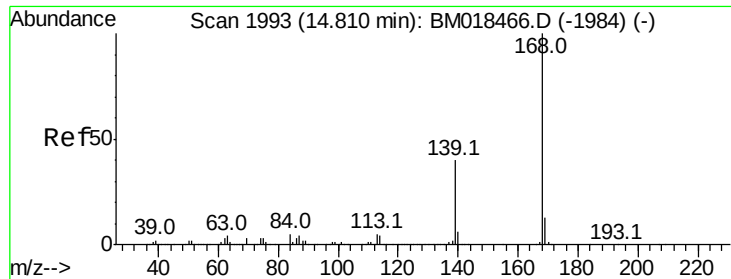
Sohil
1/14/2019 4:43:09 PM



#54
2,4-Dinitrophenol
Concen: 76.073 ng
RT: 14.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.7	55.9	83.9
154	65.2	54.2	81.4





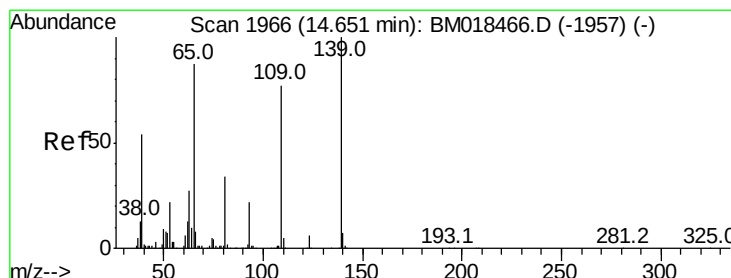
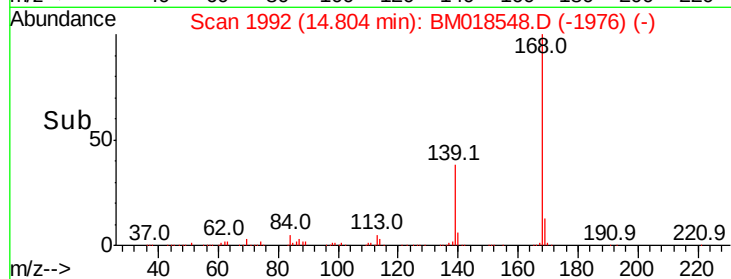
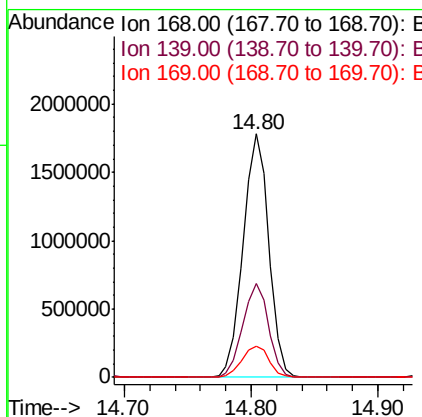
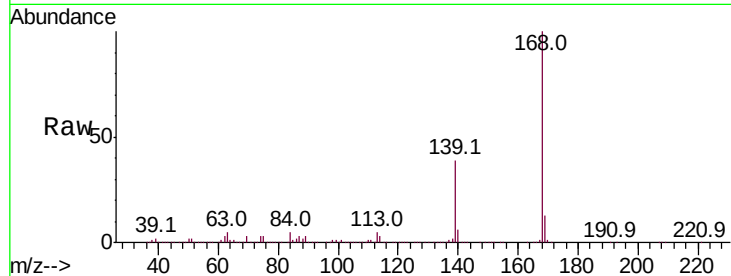
#55
Dibenzofuran
Concen: 33.862 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion:	168	Resp:	2502781
Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.3	45.5
169	13.0	10.6	16.0

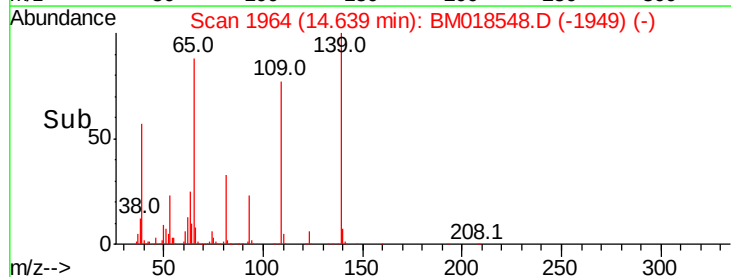
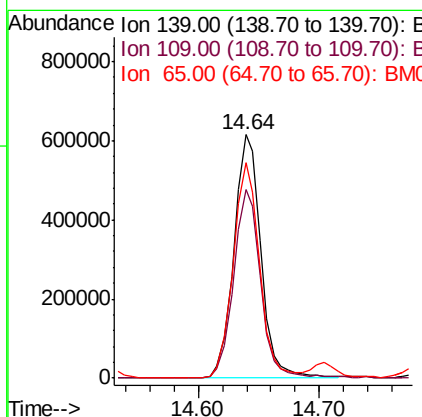
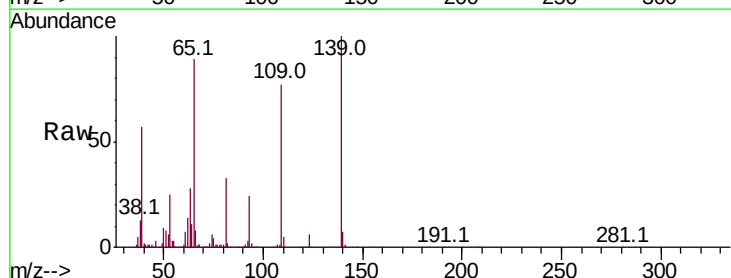
Manual Integrations
APPROVED

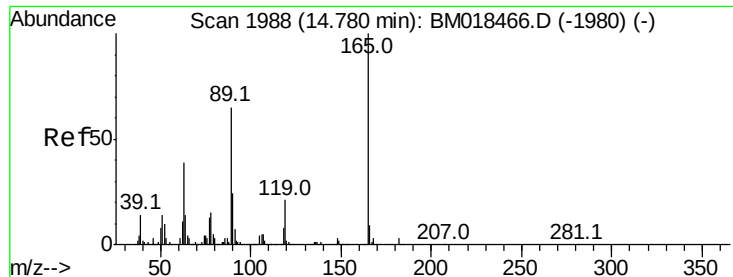
Sohil
1/14/2019 4:43:09 PM



#56
4-Nitrophenol
Concen: 85.511 ng
RT: 14.64 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:	139	Resp:	959965
Ion	Ratio	Lower	Upper
139	100		
109	77.2	51.7	91.7
65	88.7	71.4	111.4





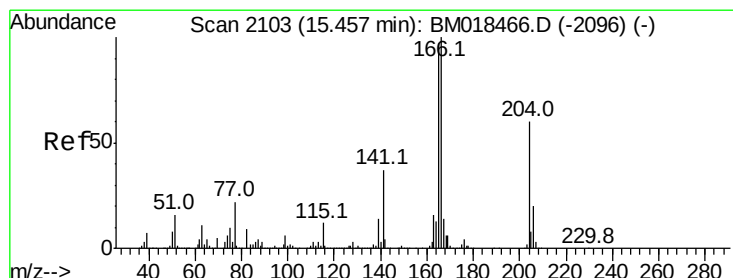
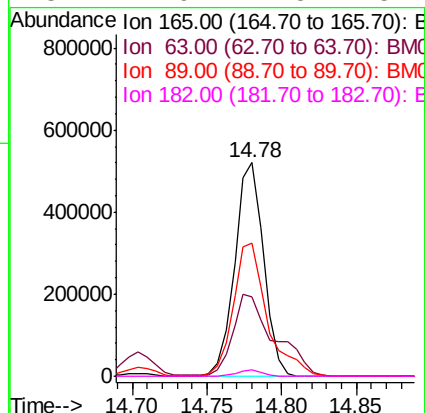
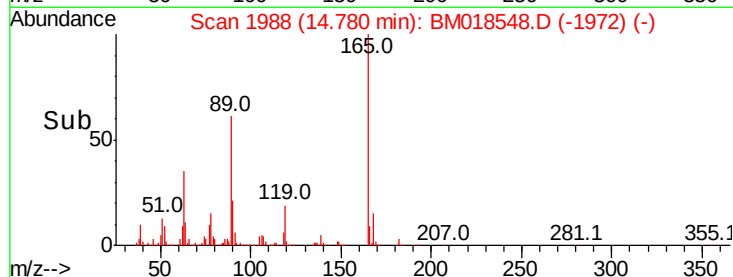
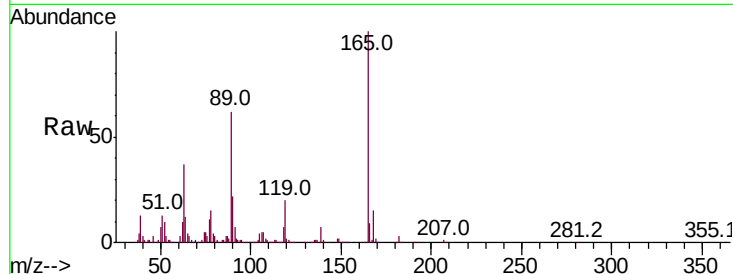
#57
2,4-Dinitrotoluene
Concen: 38.529 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.5	32.2	48.2	
89	62.1	52.1	78.1	
182	2.9	2.5	3.7	

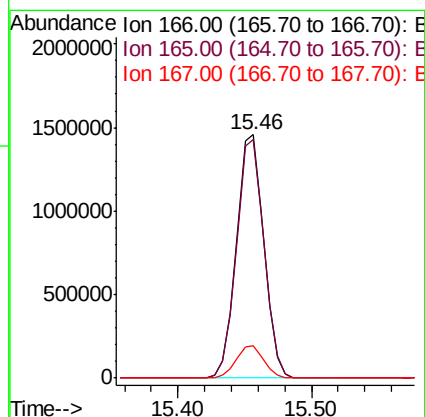
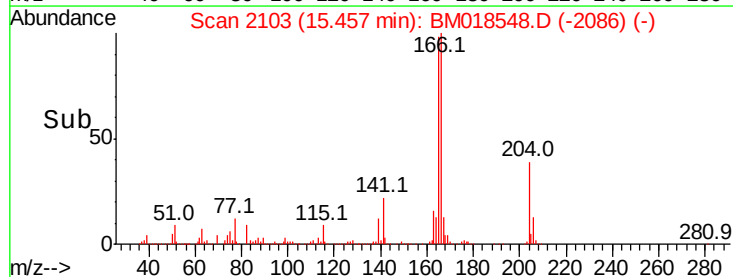
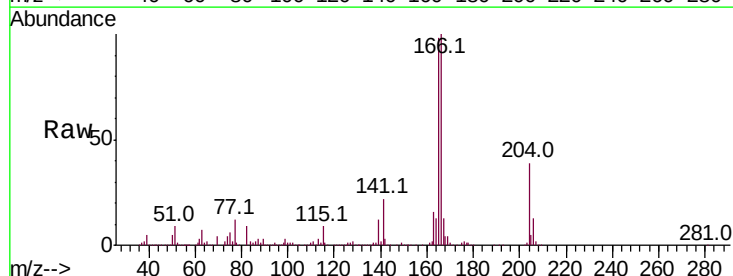
Manual Integrations
APPROVED

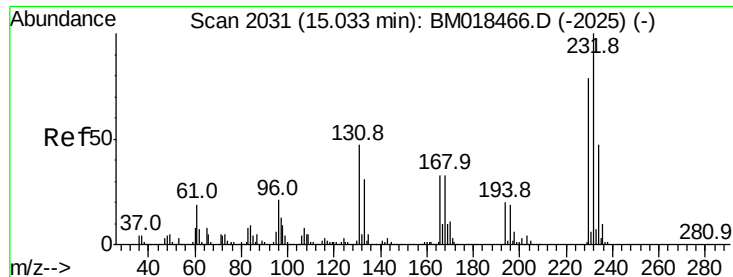
Sohil
1/14/2019 4:43:09 PM



#58
Fluorene
Concen: 37.807 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.9	78.3	117.5	
167	13.3	10.9	16.3	





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.218 ng

RT: 15.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:232 Resp: 604572
Ion Ratio Lower Upper

232 100

131 47.2 38.6 57.8

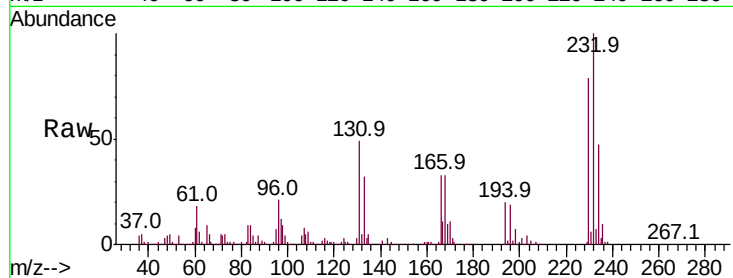
130 2.6 2.2 3.4

166 32.7 27.2 40.8

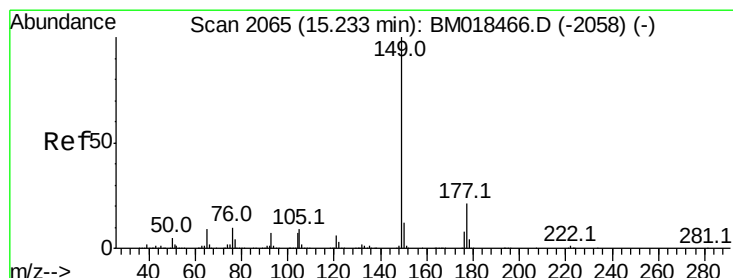
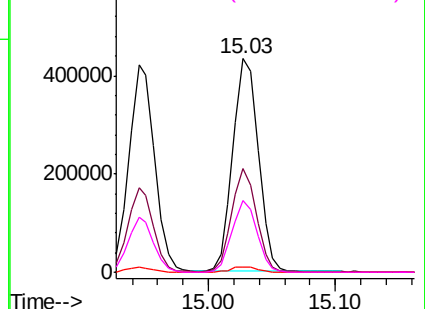
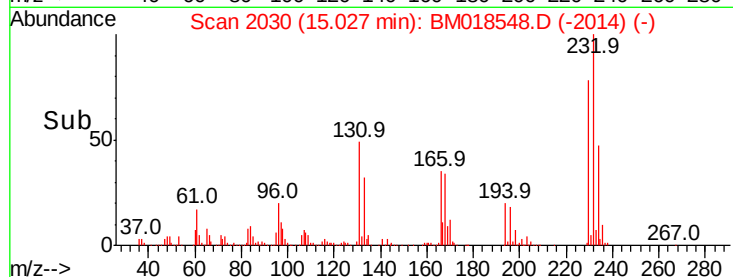
Manual Integrations
APPROVED

Sohil

1/14/2019 4:43:09 PM



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



#60

Diethylphthalate

Concen: 36.086 ng

RT: 15.23 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BM018548.D

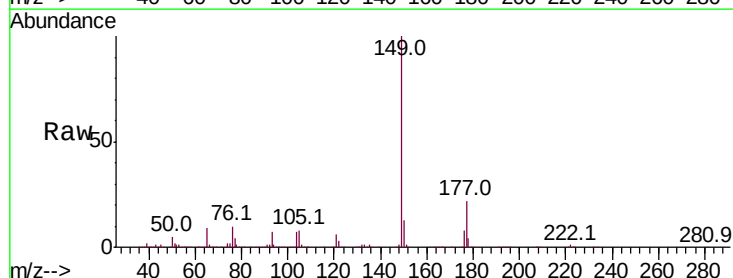
Acq: 11 Jan 2019 23:20

Tgt Ion:149 Resp: 2216757
Ion Ratio Lower Upper

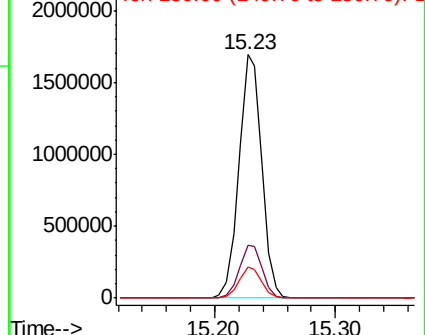
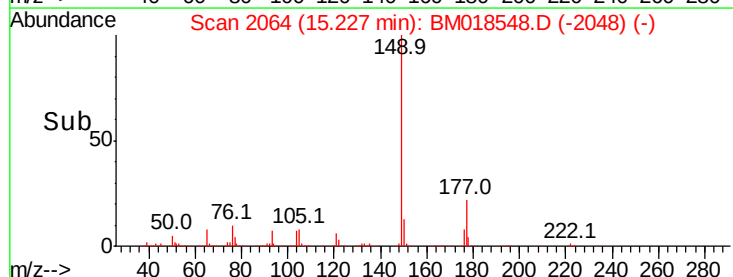
149 100

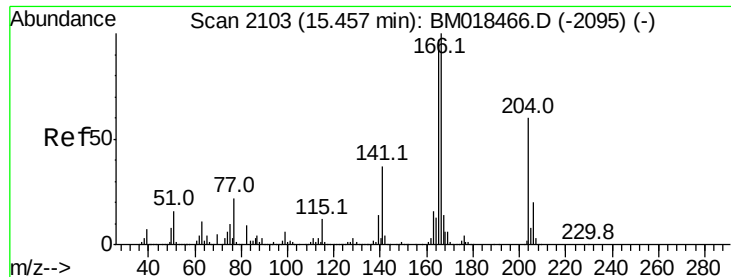
177 21.5 17.1 25.7

150 12.7 9.8 14.6



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





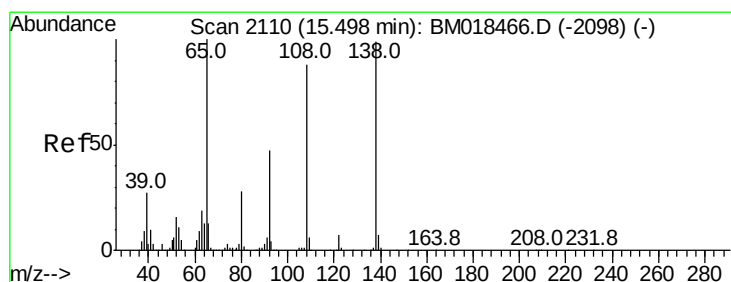
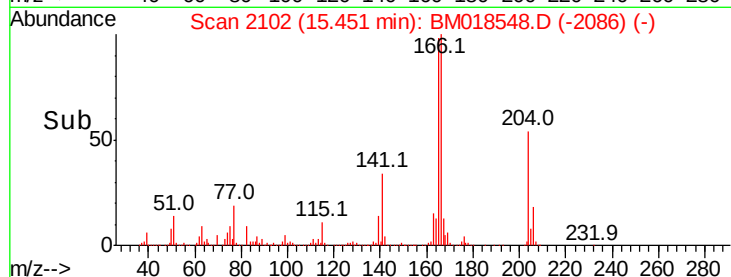
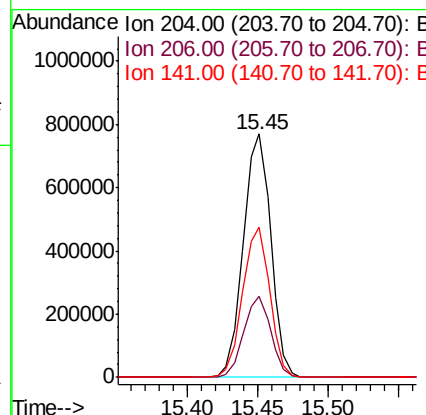
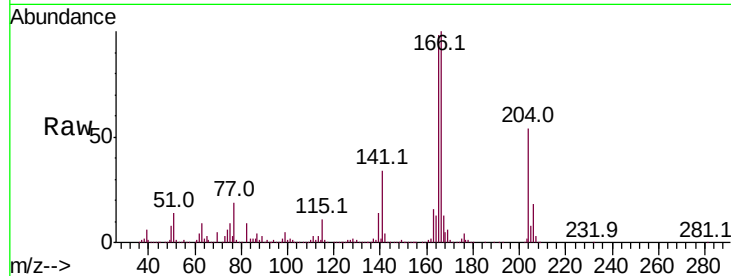
#61
4-Chlorophenyl-phenylether
Concen: 33.014 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampled :
PB116317BS

Tot Ion:204 Resp: 1047654
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 61.7 49.5 74.3

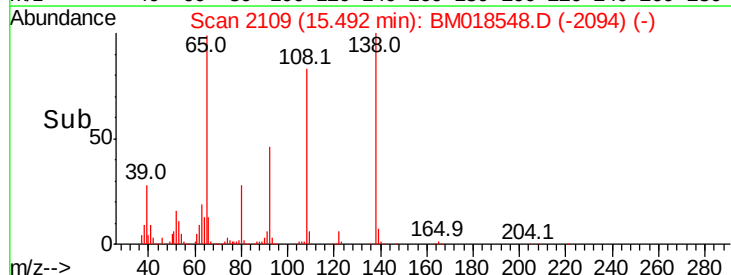
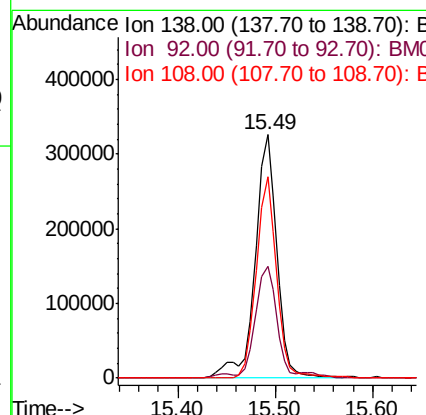
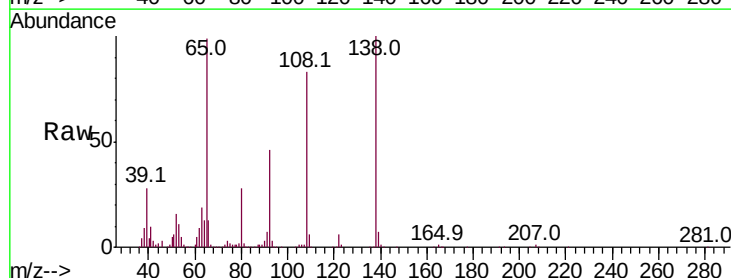
Manual Integrations
APPROVED

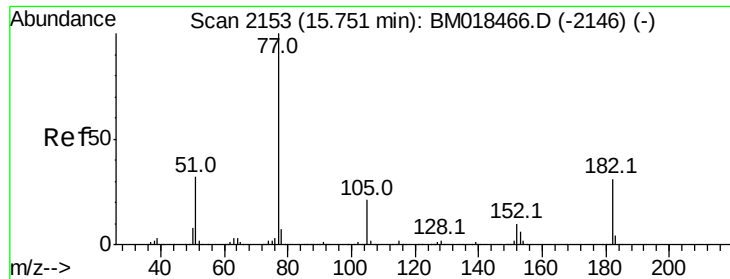
Sohil
1/14/2019 4:43:09 PM



#62
4-Nitroaniline
Concen: 35.877 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:138 Resp: 508524
Ion Ratio Lower Upper
138 100
92 45.8 29.0 69.0
108 82.7 63.9 103.9





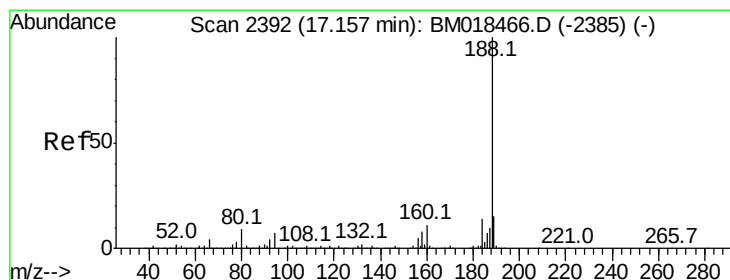
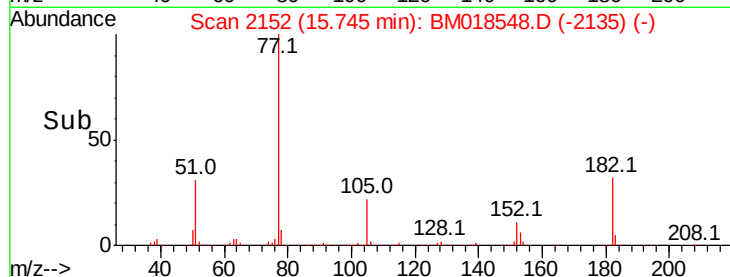
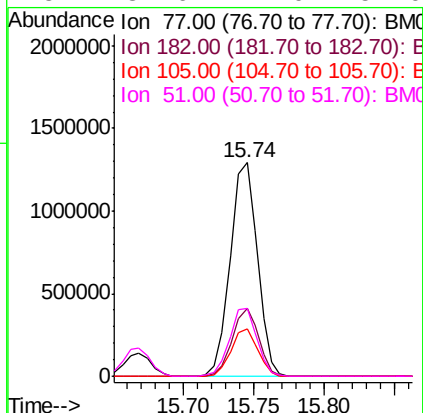
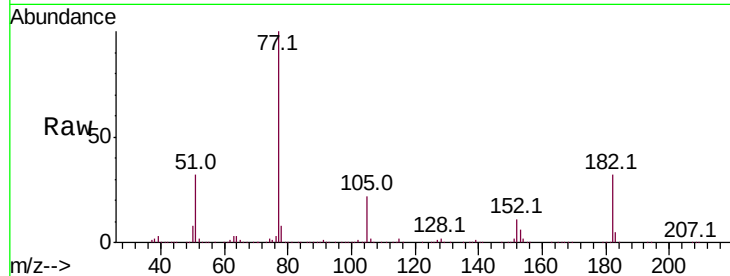
#63
Azobenzene
Concen: 34.637 ng
RT: 15.74 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	32.0	7.4	47.4
105	22.0	0.0	39.6
51	31.6	12.0	52.0

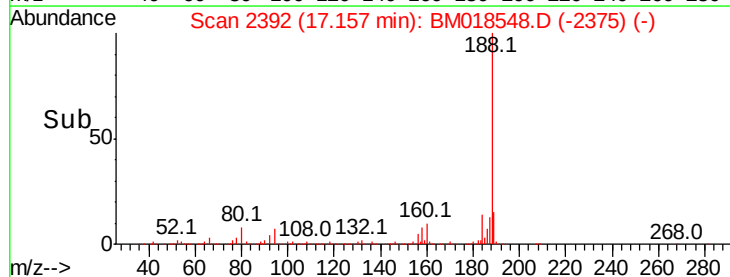
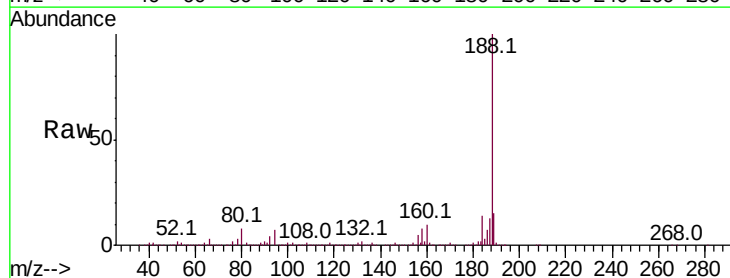
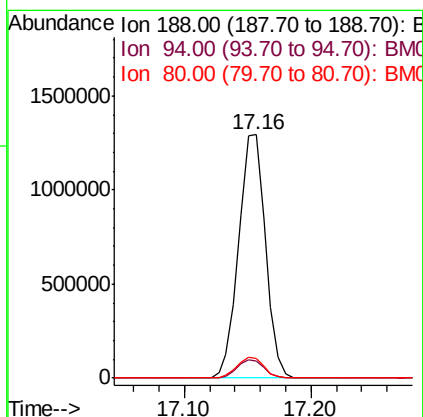
Manual Integrations
APPROVED

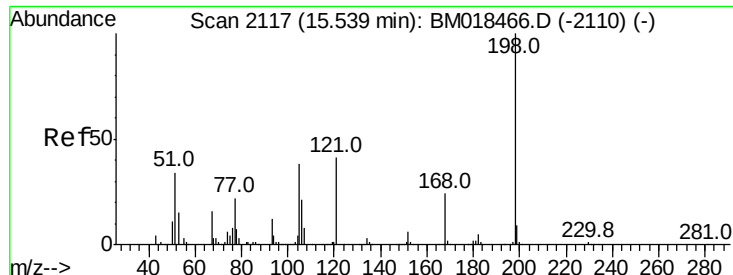
Sohil
1/14/2019 4:43:09 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.1	10.7#
80	7.8	7.6	11.4





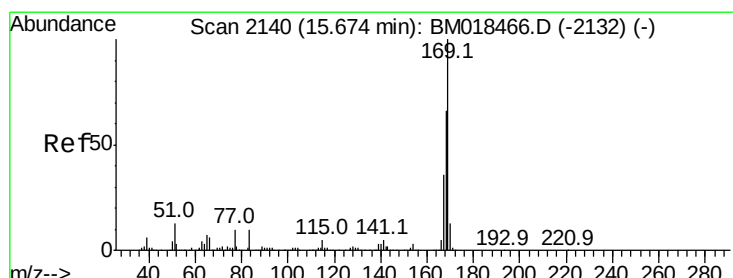
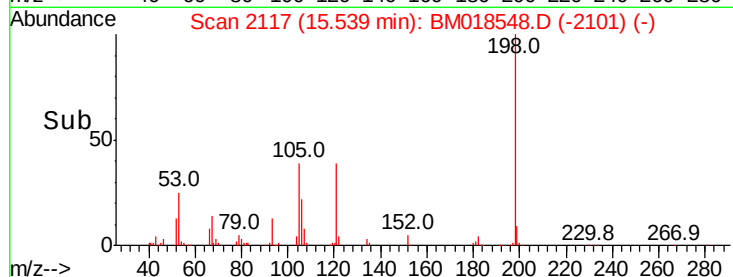
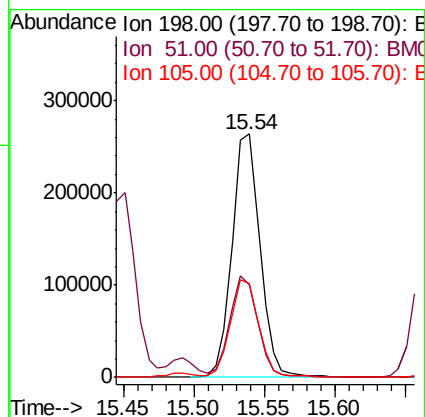
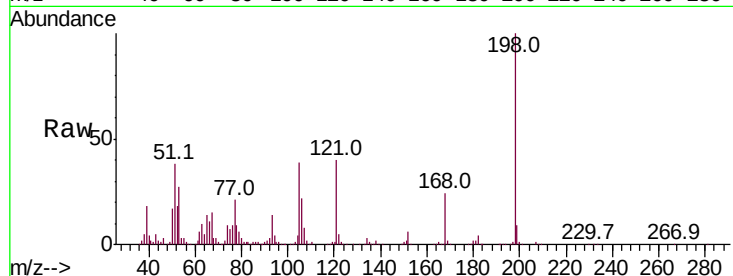
#65
4,6-Dinitro-2-methylphenol
Concen: 32.328 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	366035		
51	37.8	29.6	69.6	
105	38.8	25.5	65.5	

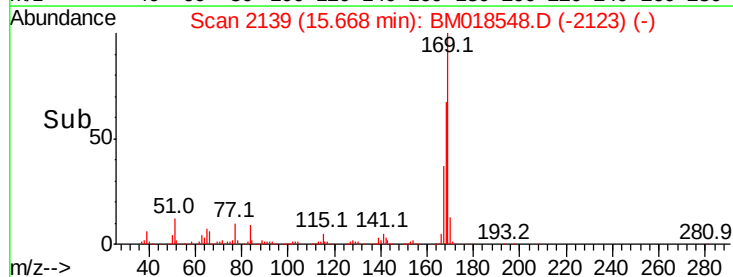
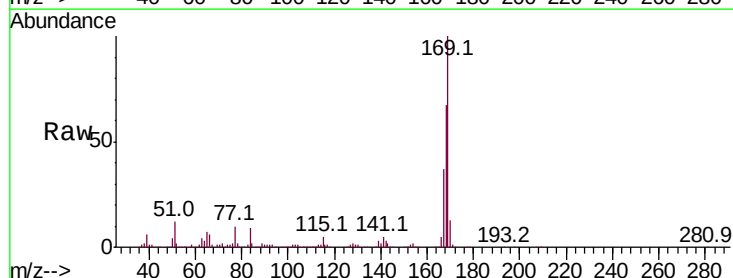
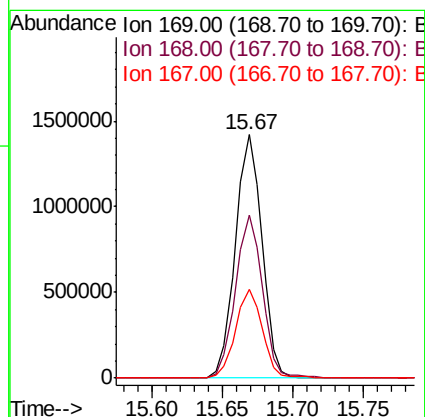
Manual Integrations
APPROVED

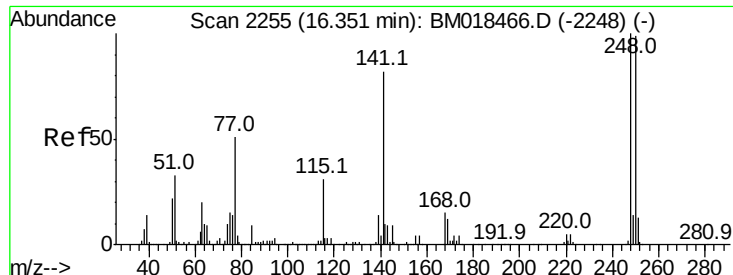
Sohil
1/14/2019 4:43:09 PM



#66
n-Nitrosodiphenylamine
Concen: 31.866 ng
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1870651		
168	67.2	54.1	81.1	
167	36.5	28.6	42.8	





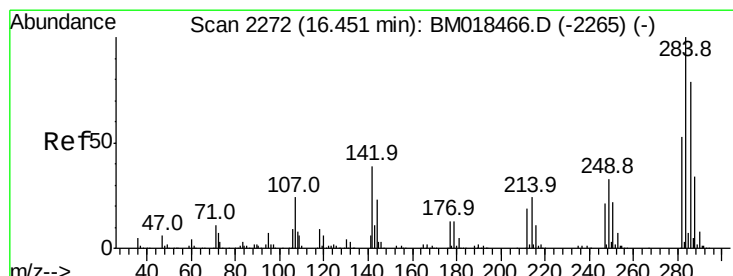
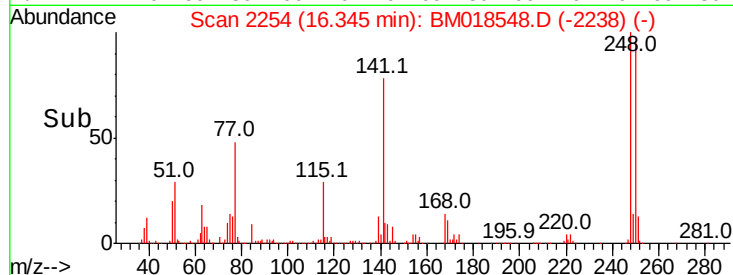
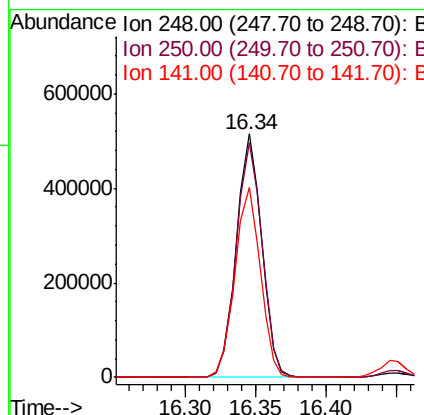
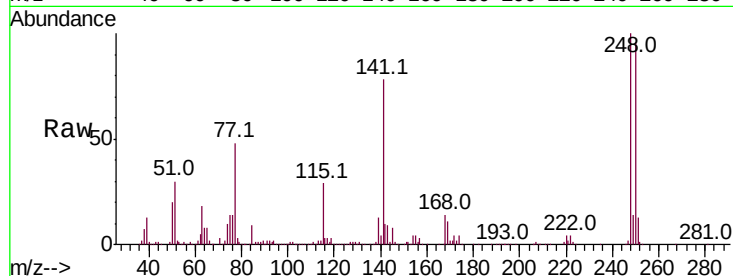
#67
 4-Bromophenyl-phenylether
 Concen: 30.602 ng
 RT: 16.34 min Scan# 2254
 Delta R.T. -0.01 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Instrument :
 BNA_M
 ClientSampleId :
 PB116317BS

Tot Ion:	248	Resp:	648081
Ion Ratio		Lower	Upper
248	100		
250	96.2	76.0	114.0
141	77.9	61.5	92.3

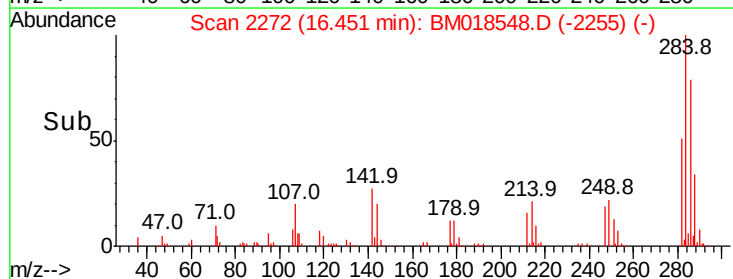
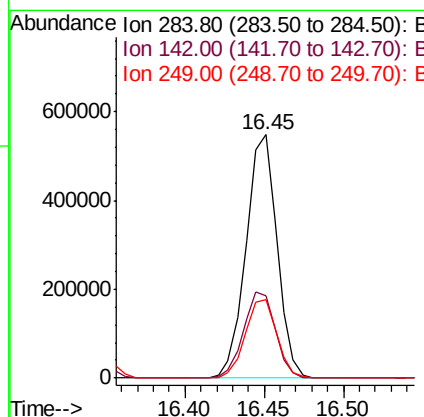
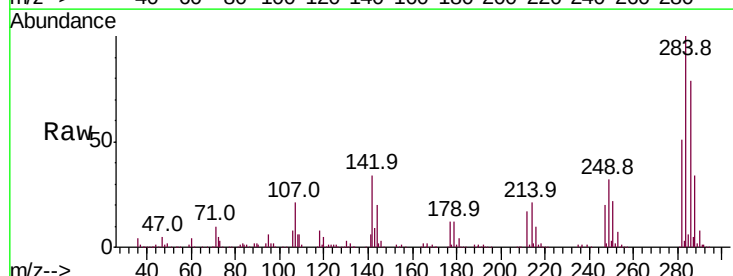
Manual Integrations
 APPROVED

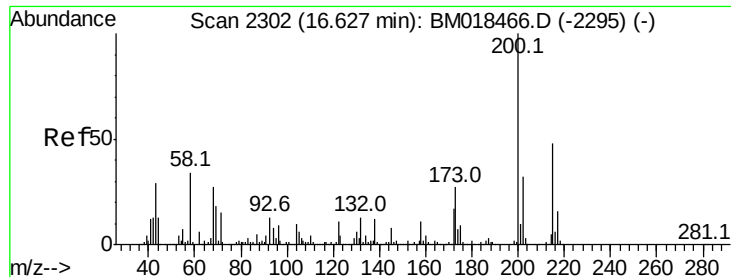
Sohil
 1/14/2019 4:43:09 PM



#68
 Hexachlorobenzene
 Concen: 31.458 ng
 RT: 16.45 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BM018548.D
 Acq: 11 Jan 2019 23:20

Tgt Ion:	284	Resp:	745815
Ion Ratio		Lower	Upper
284	100		
142	33.6	29.2	43.8
249	32.0	26.1	39.1





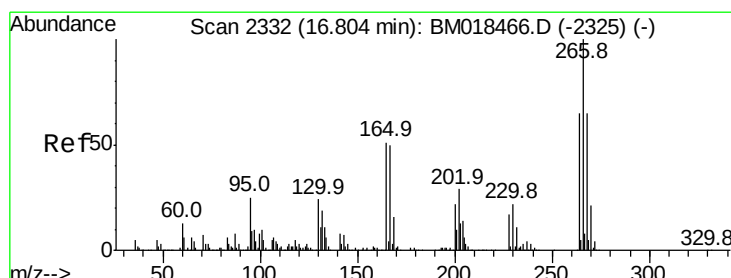
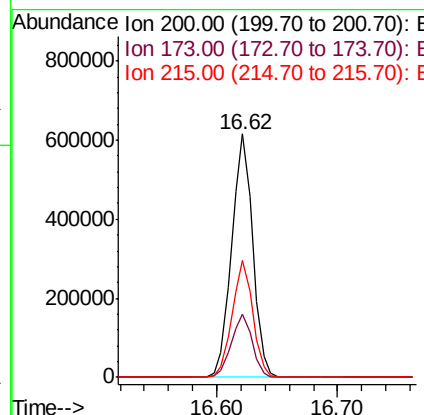
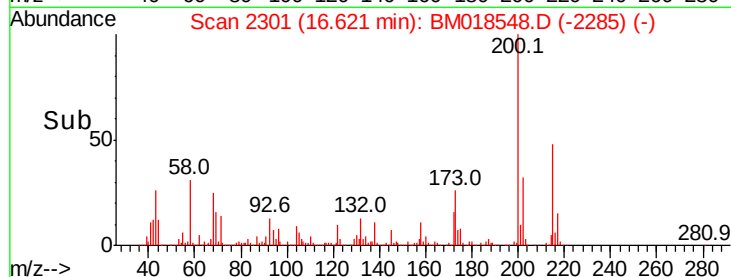
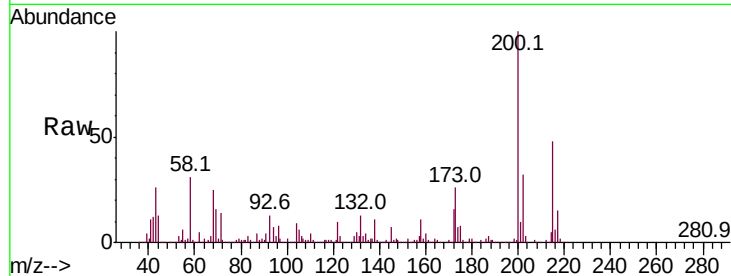
#69
Atrazine
Concen: 35.035 ng
RT: 16.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.2	47.2
215	48.0	28.3	68.3

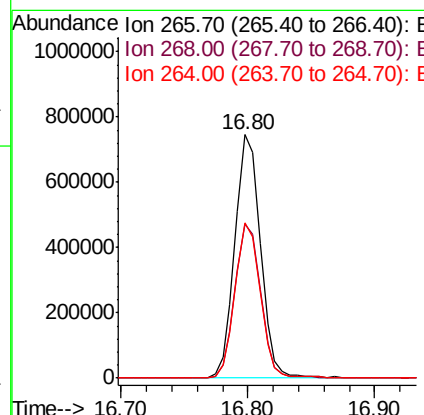
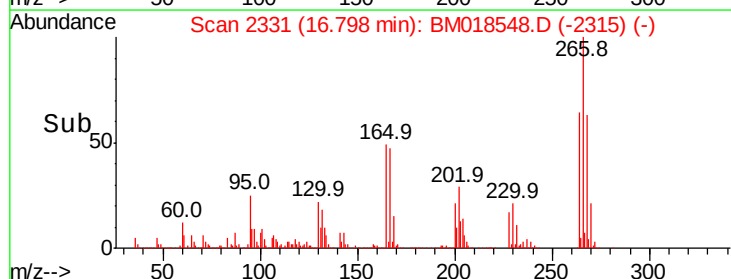
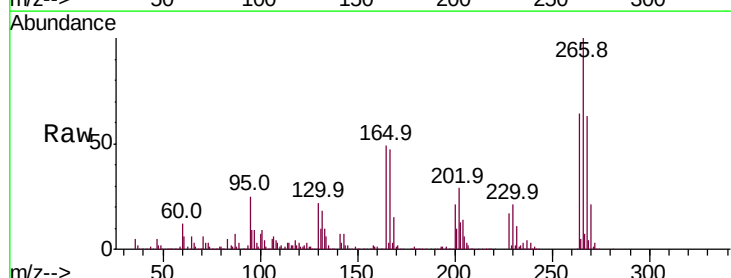
Manual Integrations
APPROVED

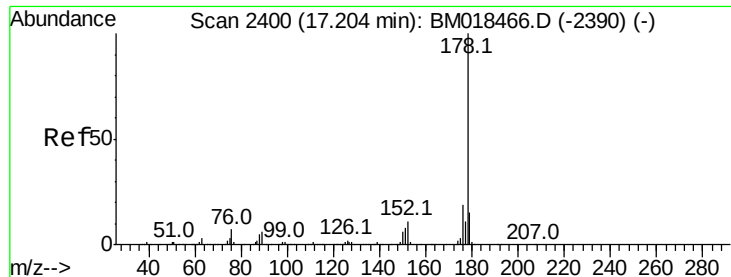
Sohil
1/14/2019 4:43:09 PM



#70
Pentachlorophenol
Concen: 67.155 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	49.8	74.6
264	63.7	50.1	75.1





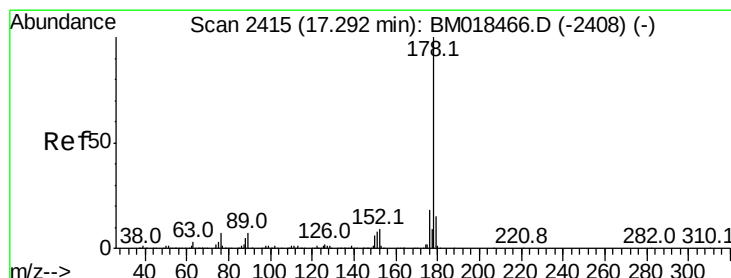
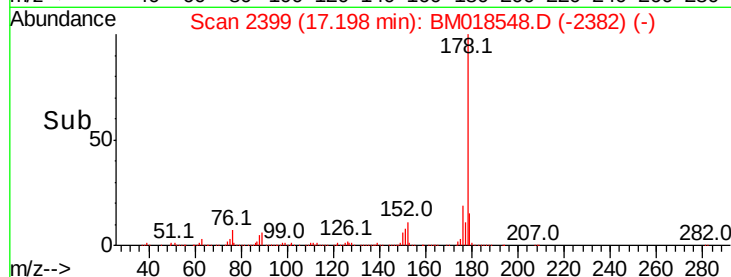
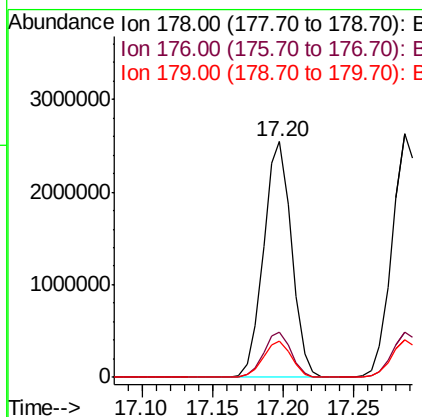
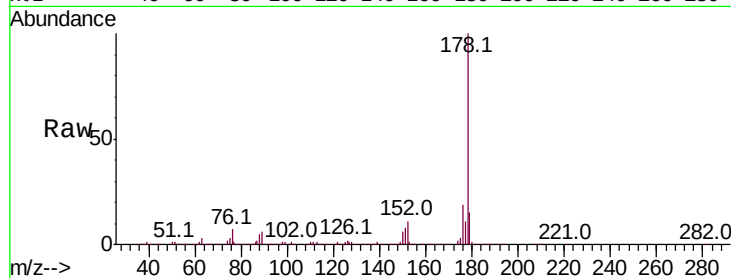
#71
Phenanthrene
Concen: 35.305 ng
RT: 17.20 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion:178 Resp: 3553779
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.4 12.2 18.4

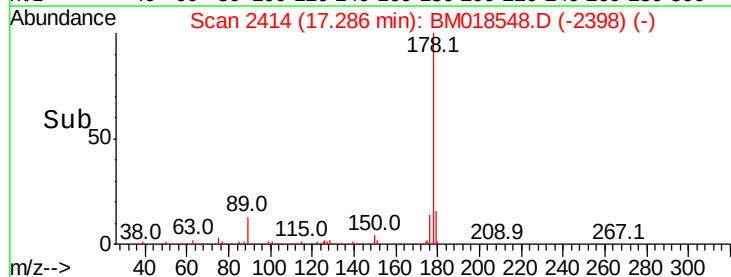
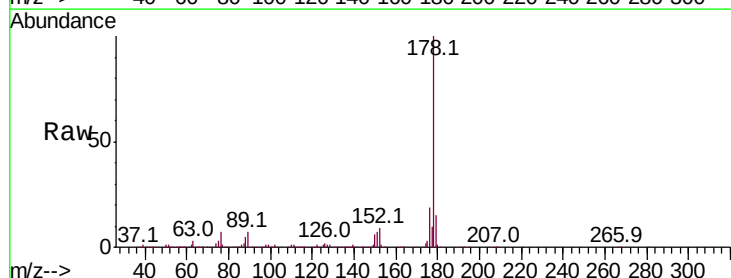
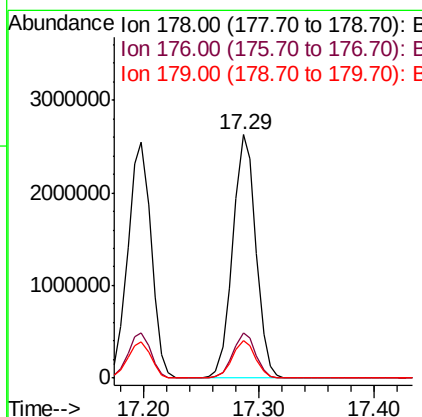
Manual Integrations
APPROVED

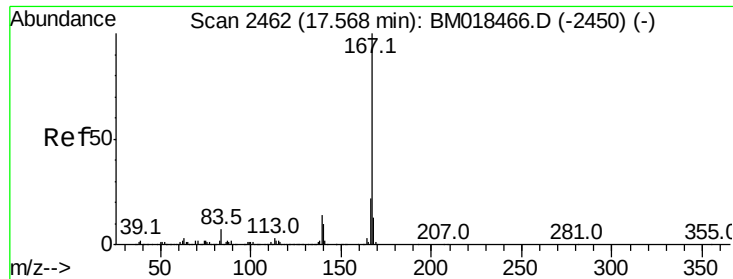
Sohil
1/14/2019 4:43:09 PM



#72
Anthracene
Concen: 37.514 ng
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion:178 Resp: 3631249
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 15.5 12.2 18.4





#73

Carbazole

Concen: 34.897 ng

RT: 17.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:167 Resp: 3470403

Ion Ratio Lower Upper

167 100

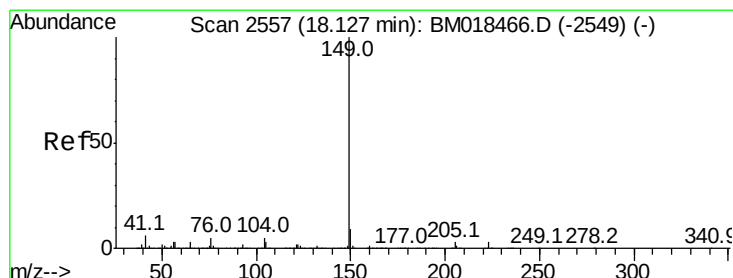
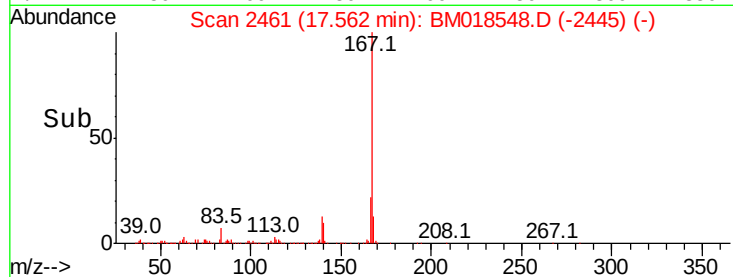
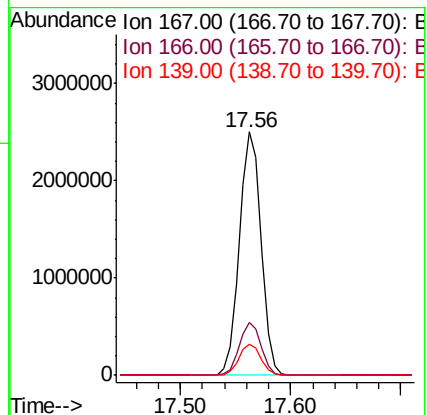
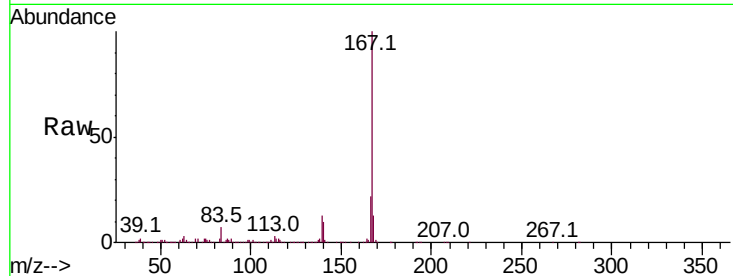
166 21.8 17.4 26.2

139 13.0 10.6 16.0

Manual Integrations
APPROVED

Sohil

1/14/2019 4:43:09 PM



#74

Di-n-butylphthalate

Concen: 37.053 ng

RT: 18.12 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

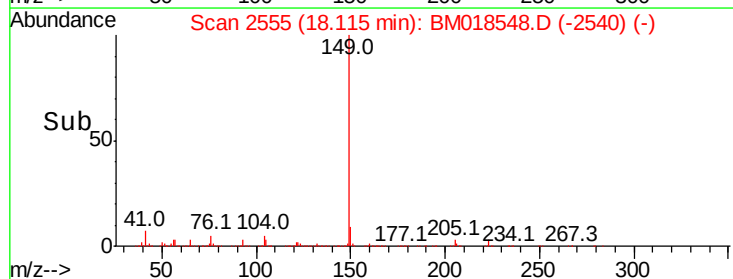
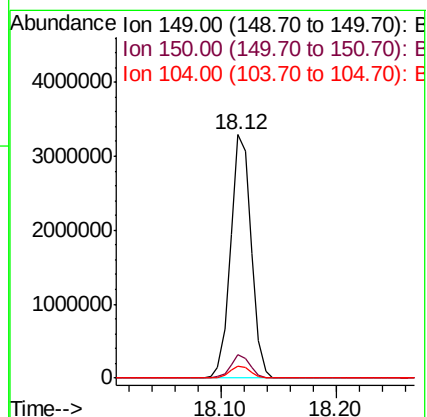
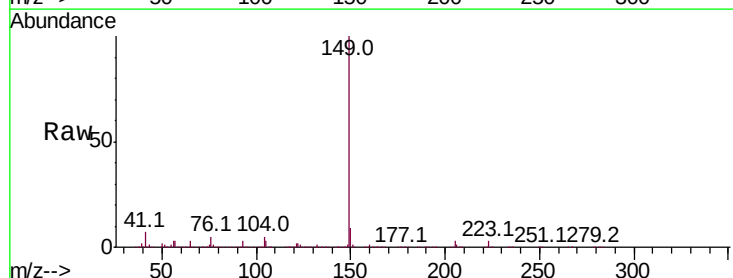
Tgt Ion:149 Resp: 4036212

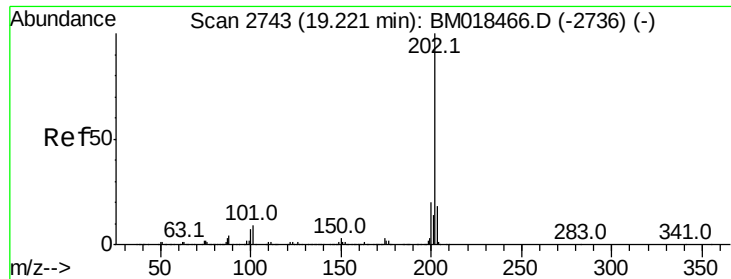
Ion Ratio Lower Upper

149 100

150 9.4 7.3 10.9

104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 39.569 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

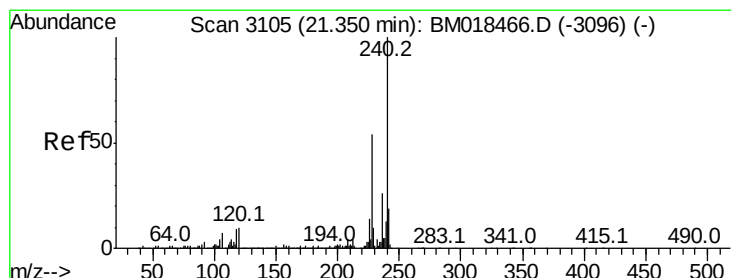
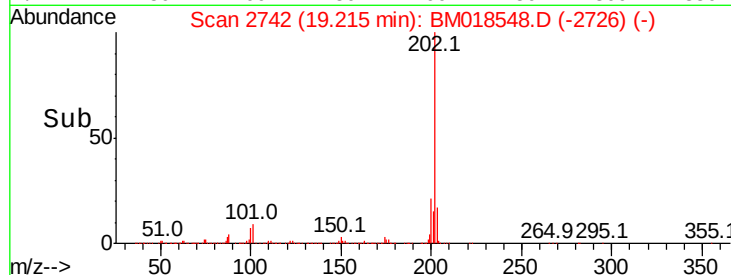
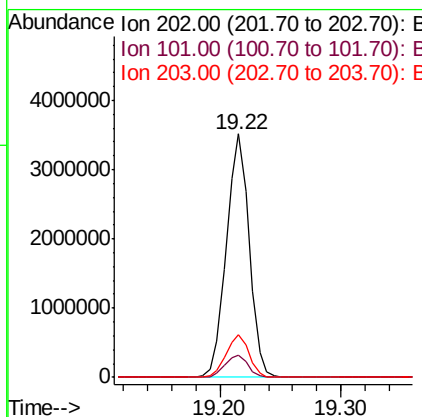
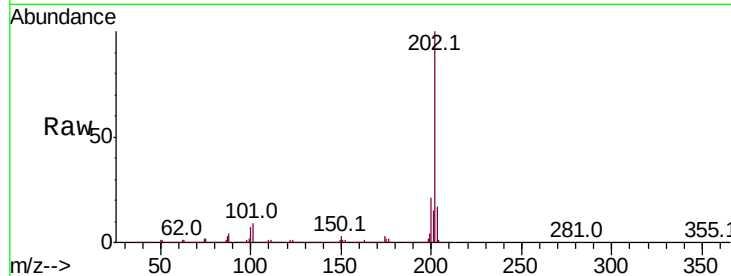
ClientSampleId :

PB116317BS

Tot Ion:	202	Resp:	4592112
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.9
203	17.5	0.0	37.4

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:09 PM



#76

Chrysene-d12

Concen: 20.000 ng

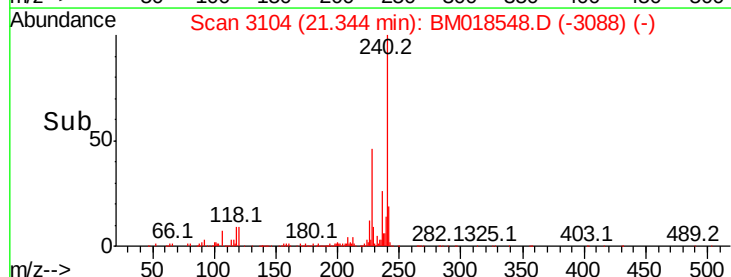
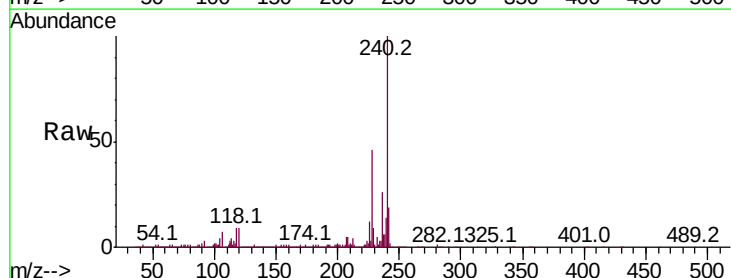
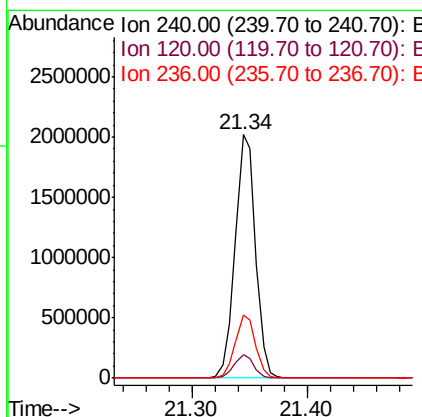
RT: 21.34 min Scan# 3104

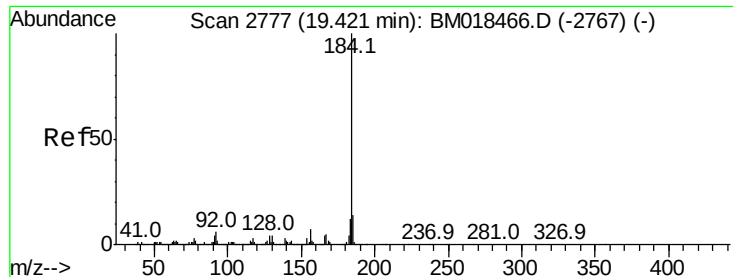
Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Tgt Ion:	240	Resp:	2463624
Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.4	12.6
236	26.1	20.7	31.1





#77

Benzidine

Concen: 35.769 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:184 Resp: 2175867

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

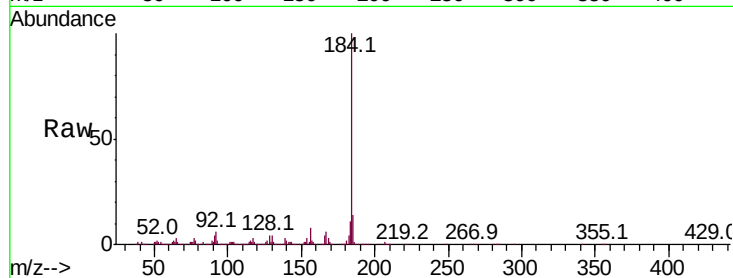
183 11.4 9.5 14.3

Manual Integrations

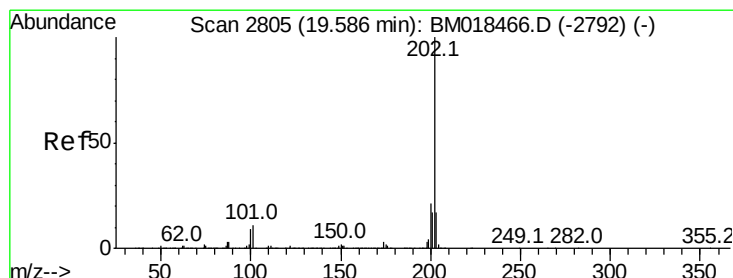
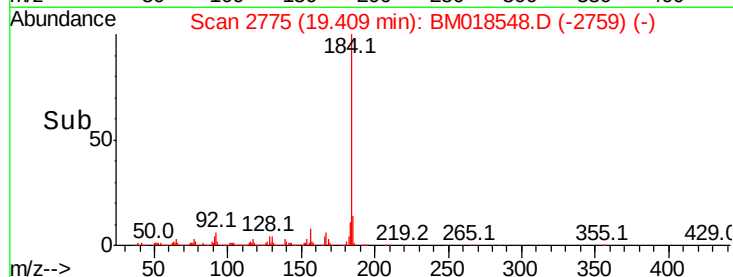
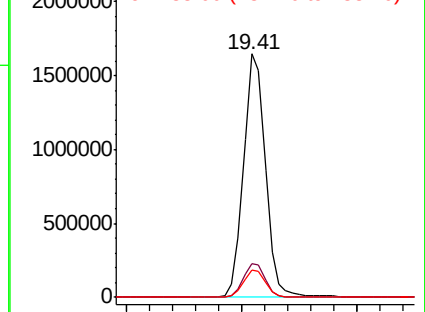
APPROVED

Sohil

1/14/2019 4:43:09 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: 32.783 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

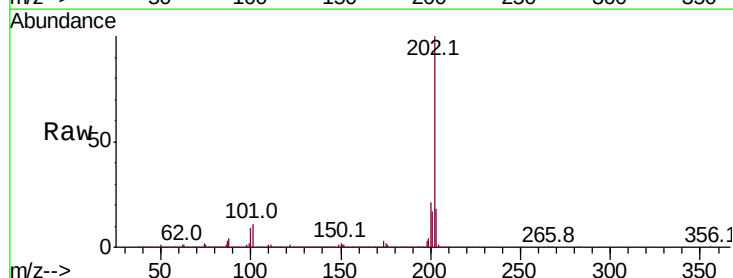
Tgt Ion:202 Resp: 4787407

Ion Ratio Lower Upper

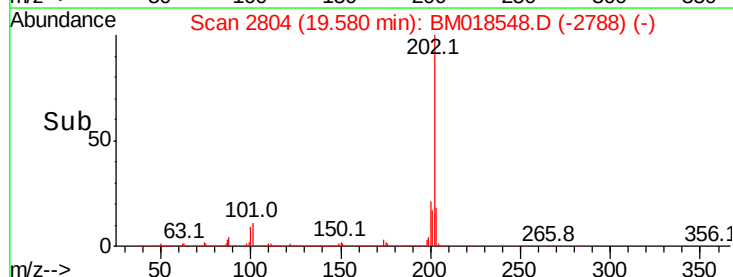
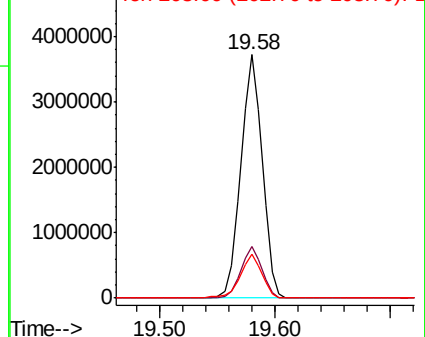
202 100

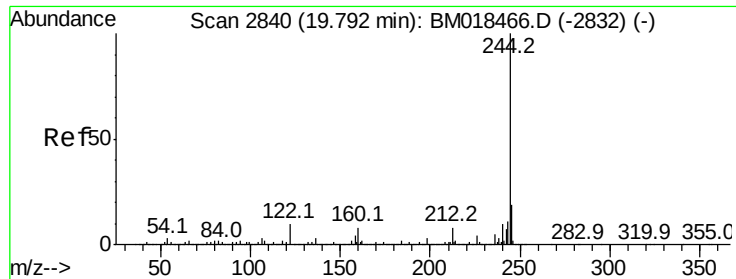
200 21.3 16.6 24.8

203 17.8 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: 61.743 ng

RT: 19.79 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:244 Resp: 7215819

Ion Ratio Lower Upper

244 100

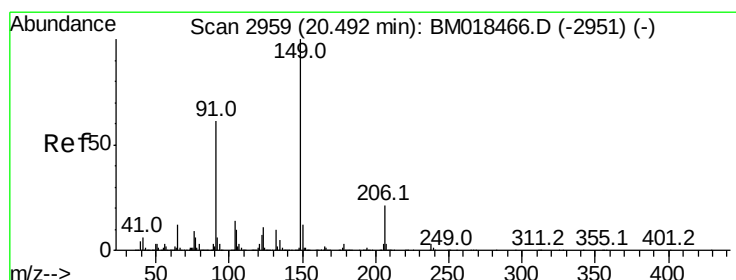
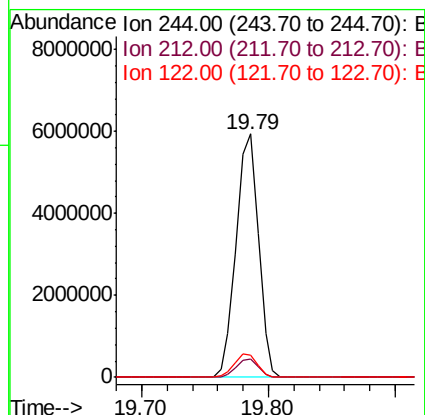
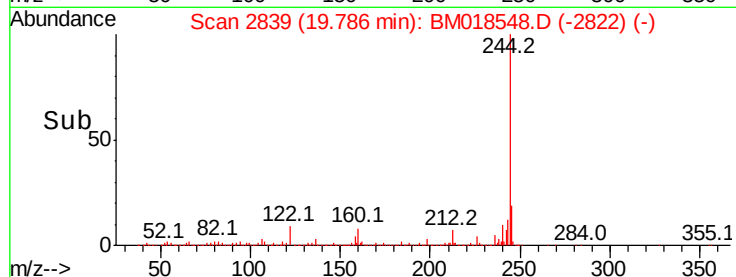
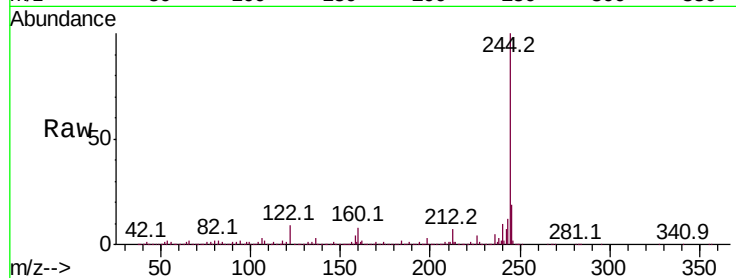
212 7.5 5.9 8.9

122 9.3 9.0 13.4

Manual Integrations
APPROVED

Sohil

1/14/2019 4:43:09 PM



#80

Butylbenzylphthalate

Concen: 35.094 ng

RT: 20.48 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

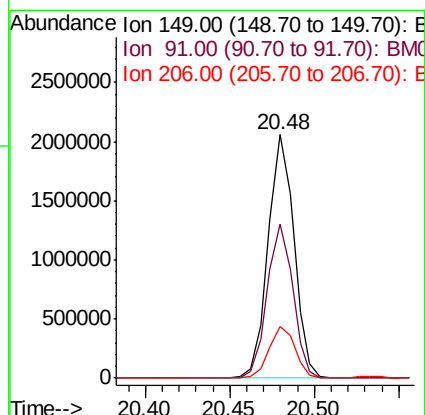
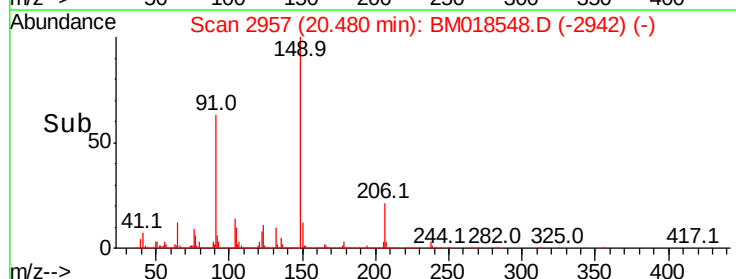
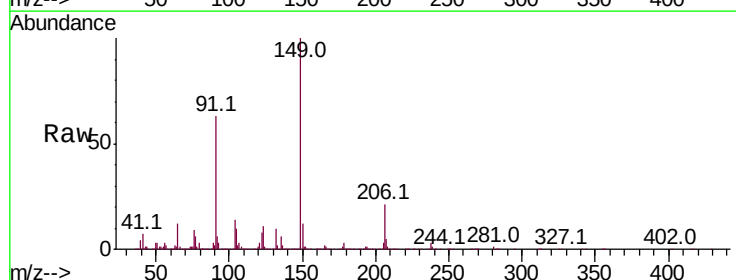
Tgt Ion:149 Resp: 2186786

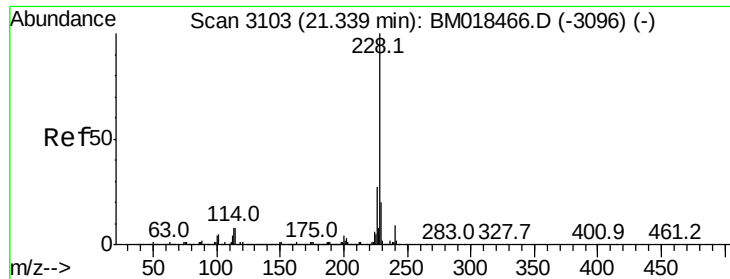
Ion Ratio Lower Upper

149 100

91 63.2 53.1 79.7

206 21.0 16.2 24.4





#81

Benzo(a)anthracene

Concen: 36.161 ng

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:228 Resp: 5248203

Ion Ratio Lower Upper

228 100

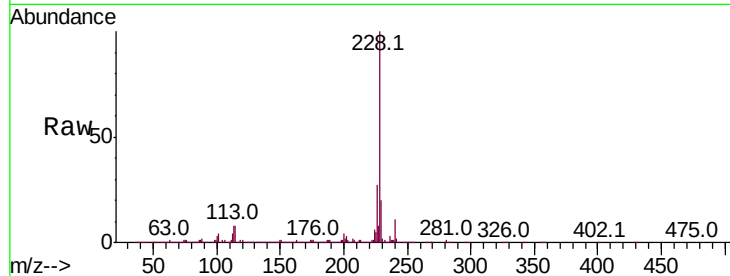
226 27.5 21.8 32.6

229 19.8 15.8 23.8

Manual Integrations
APPROVED

Sohil

1/14/2019 4:43:09 PM

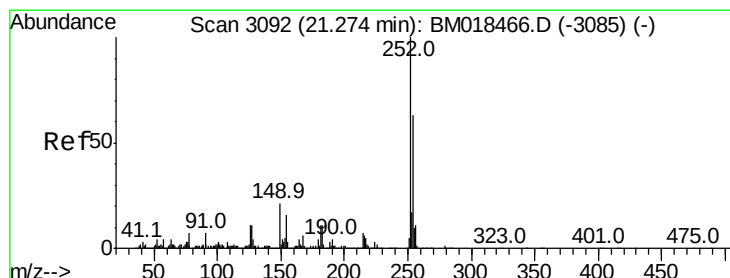
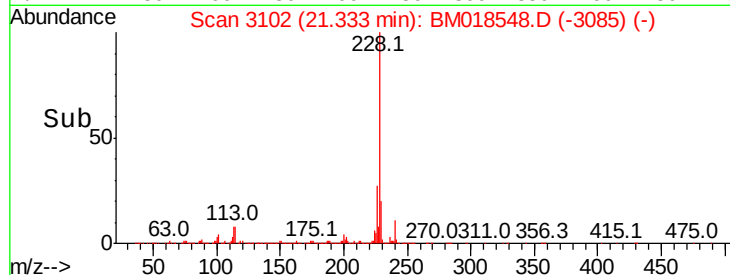
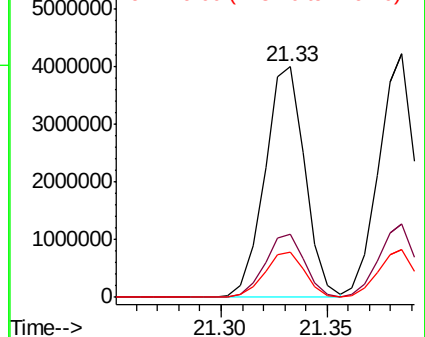


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.791 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

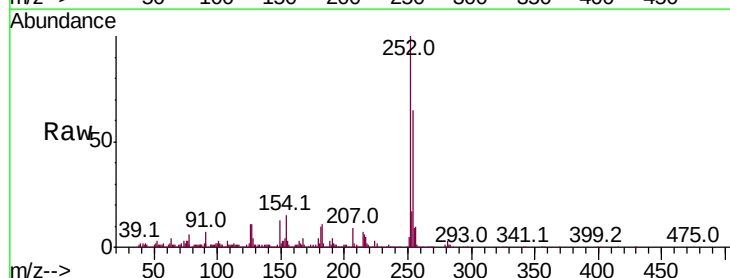
Tgt Ion:252 Resp: 1031292

Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.0

126 10.8 8.7 13.1

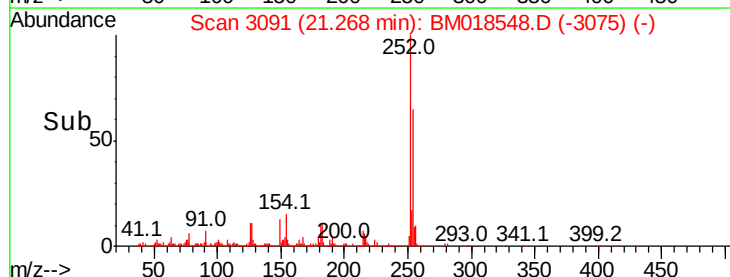
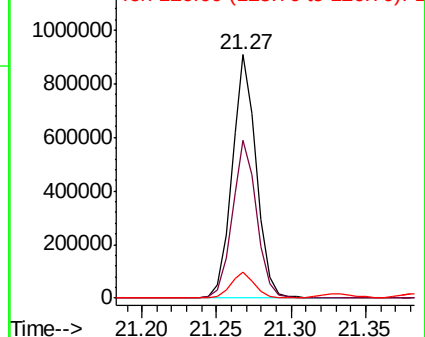


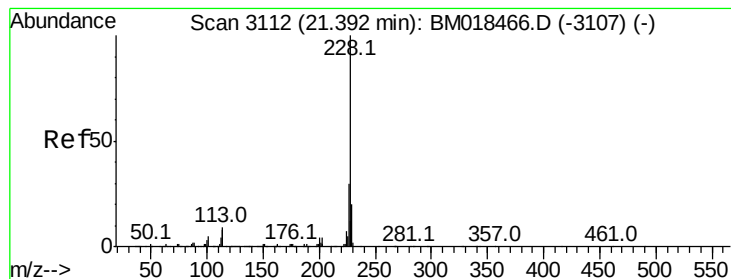
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 35.567 ng

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampled :

PB116317BS

Tot Ion:228 Resp: 4984763

Ion Ratio Lower Upper

228 100

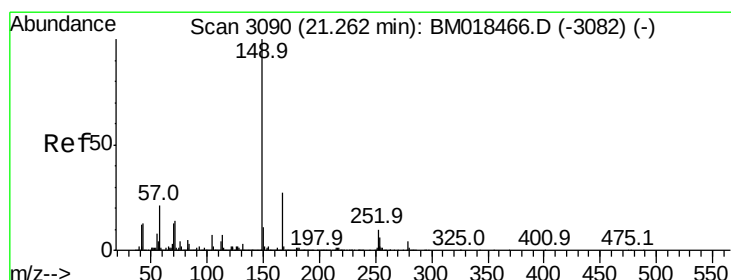
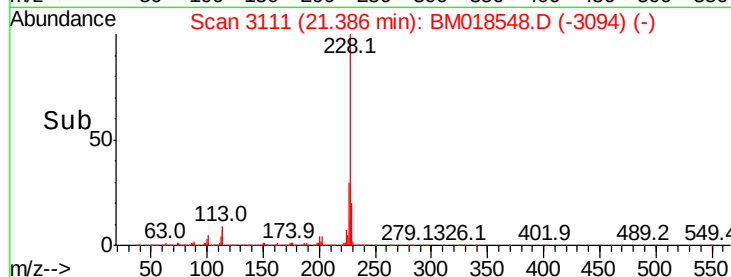
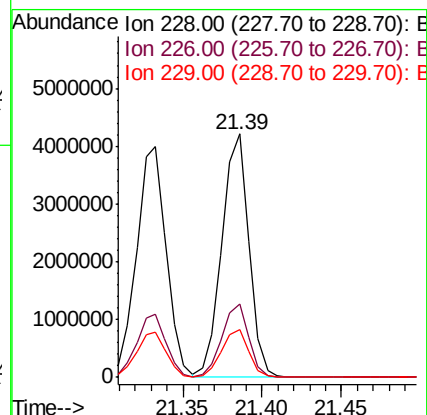
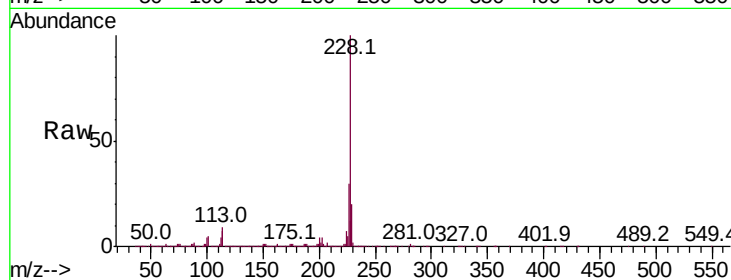
226 29.9 24.2 36.2

229 19.7 15.6 23.4

Manual Integrations
APPROVED

Sohil

1/14/2019 4:43:09 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.192 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

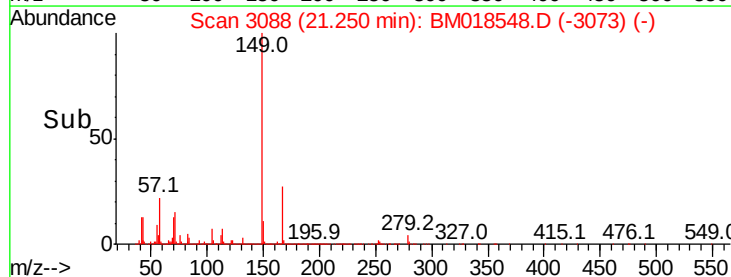
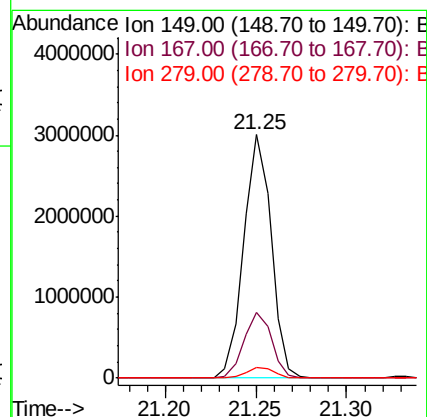
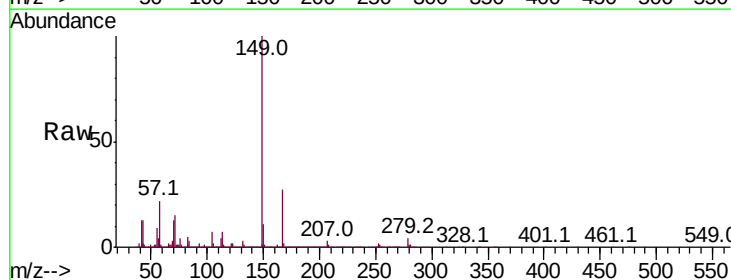
Tgt Ion:149 Resp: 3166596

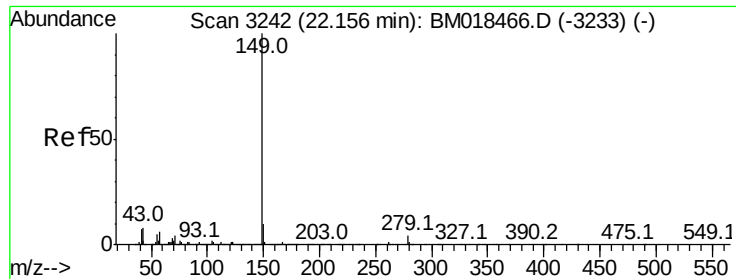
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 38.583 ng

RT: 22.14 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:149 Resp: 5839119

Ion Ratio Lower Upper

149 100

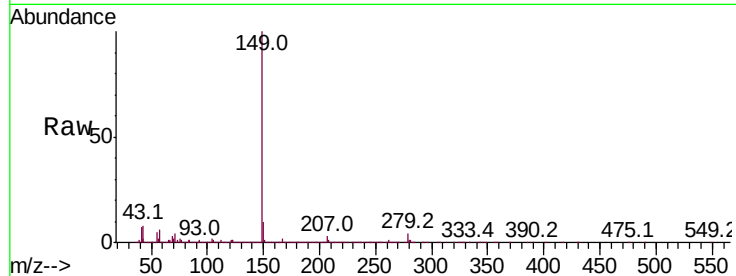
167 1.6 1.3 1.9

43 8.4 8.6 12.8#

Manual Integrations
APPROVED

Sohil

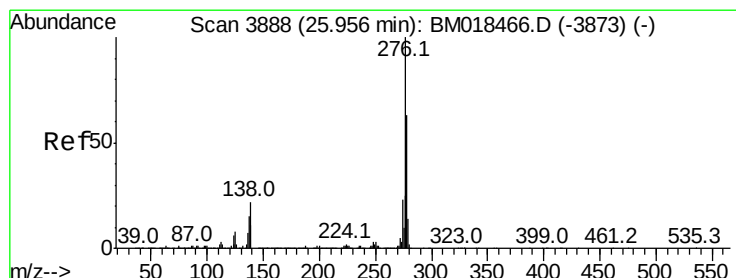
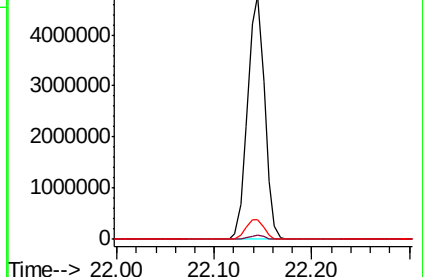
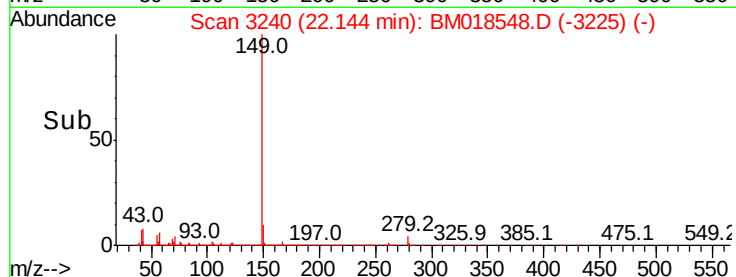
1/14/2019 4:43:09 PM



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: 48.622 ng

RT: 25.95 min Scan# 3887

Delta R.T. 0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

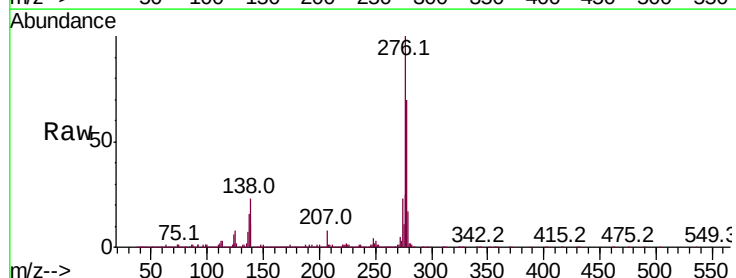
Tgt Ion:276 Resp: 7857754

Ion Ratio Lower Upper

276 100

138 23.4 21.5 32.3

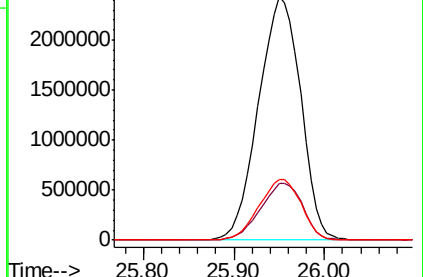
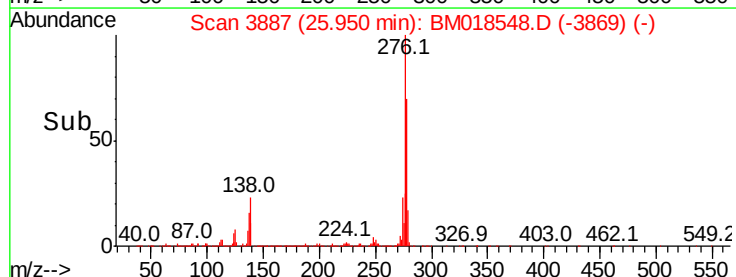
277 25.1 20.2 30.2

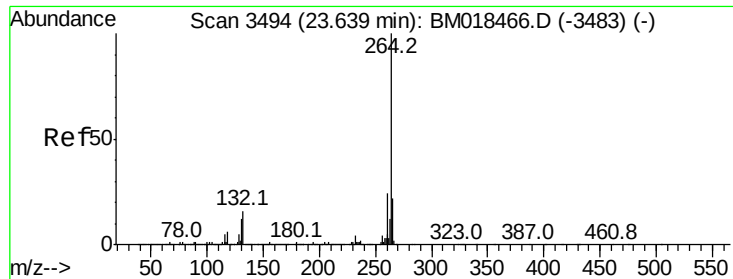


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

Instrument :

BNA_M

ClientSampleId :

PB116317BS

Tot Ion:264 Resp: 2977782

Ion Ratio Lower Upper

264 100

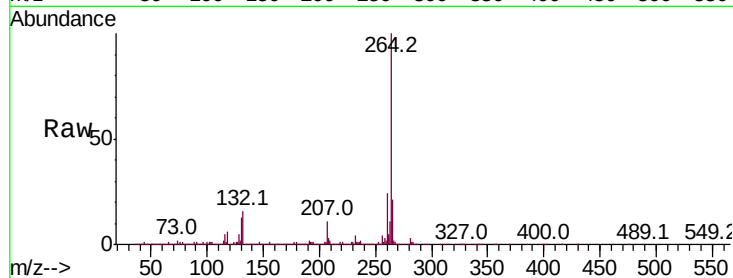
260 23.7 18.9 28.3

265 21.5 16.8 25.2

Manual Integrations
APPROVED

Sohil

1/14/2019 4:43:09 PM

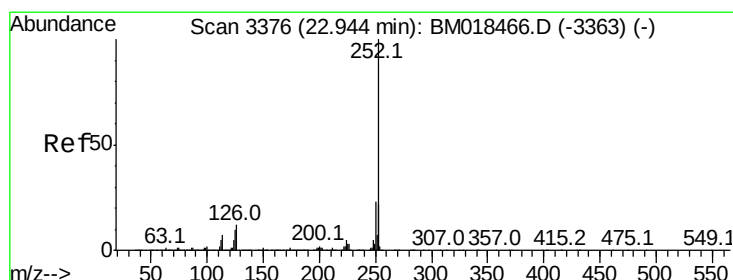
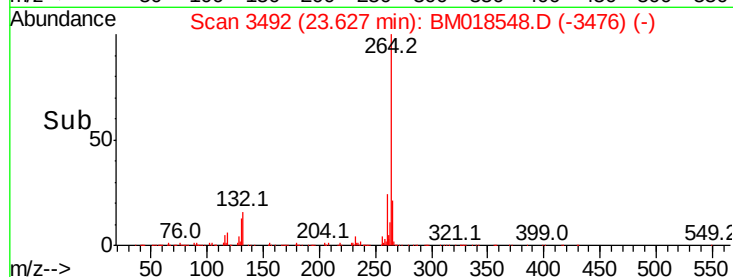
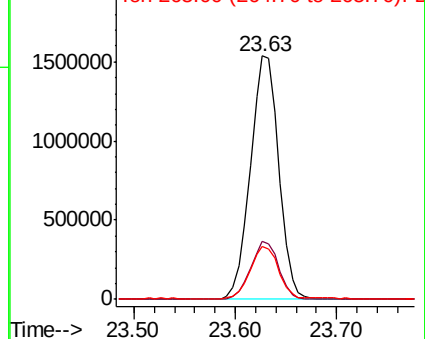


Abundance

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: 34.926 ng

RT: 22.94 min Scan# 3375

Delta R.T. -0.00 min

Lab File: BM018548.D

Acq: 11 Jan 2019 23:20

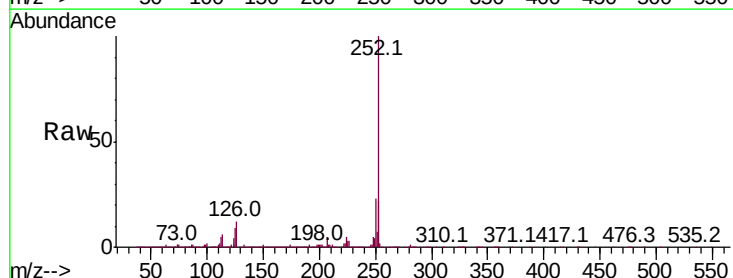
Tgt Ion:252 Resp: 5904508

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.2 8.5 12.7

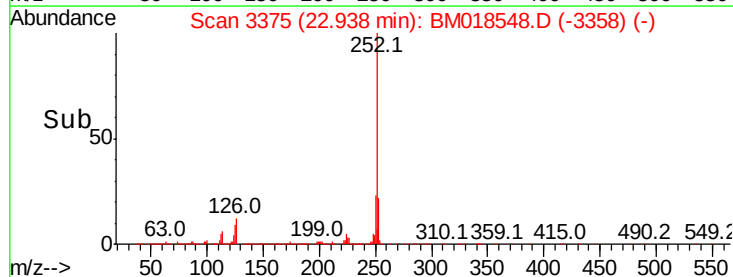
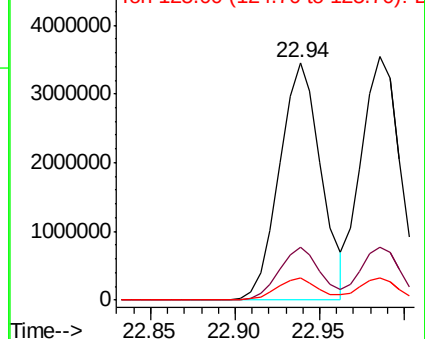


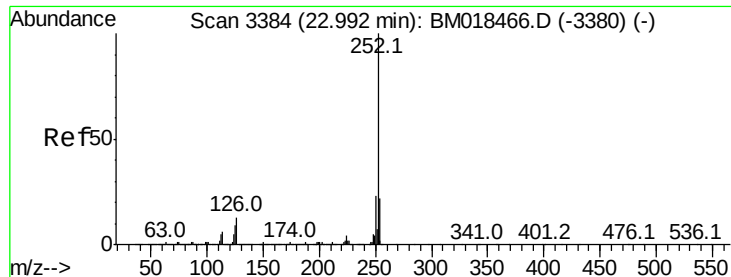
Abundance

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





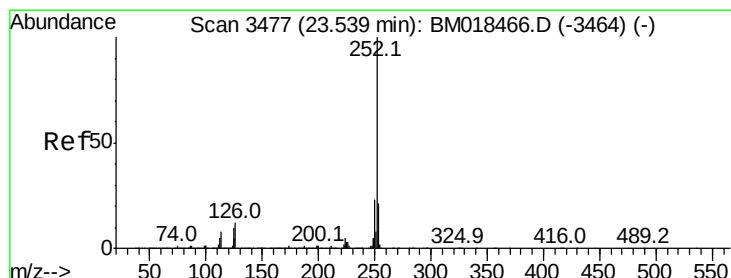
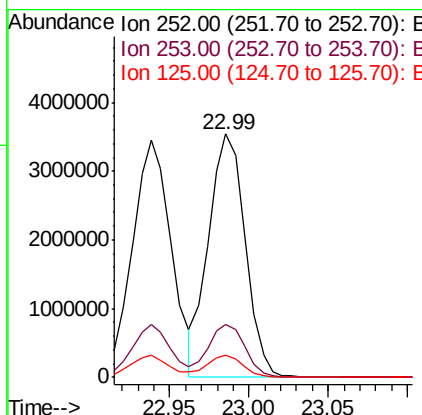
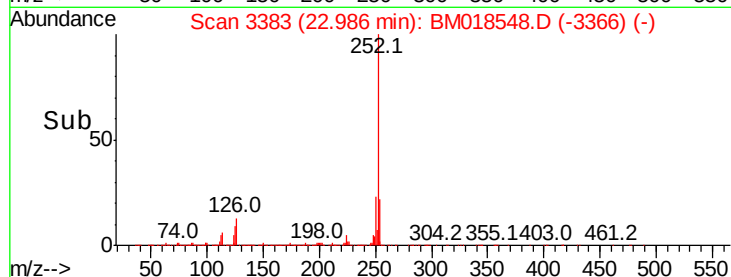
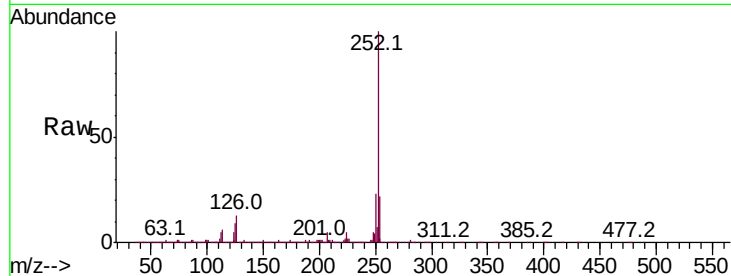
#89
Benzo(k)fluoranthene
Concen: 33.386 ng
RT: 22.99 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.2	8.6	12.8

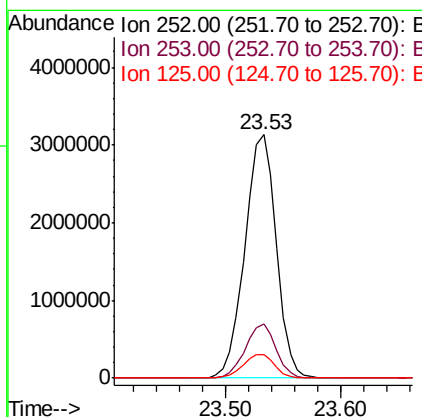
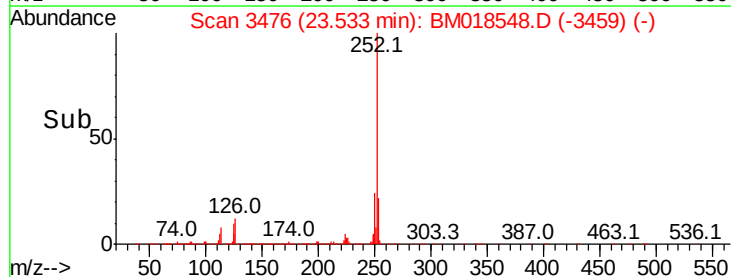
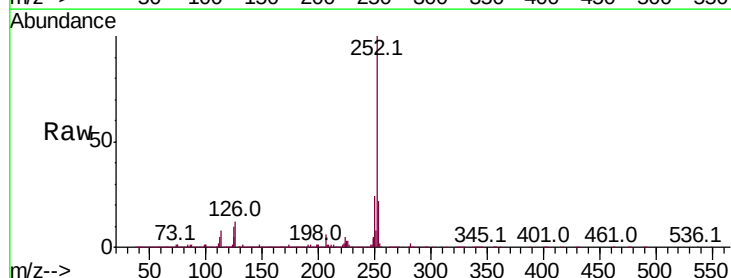
Manual Integrations
APPROVED

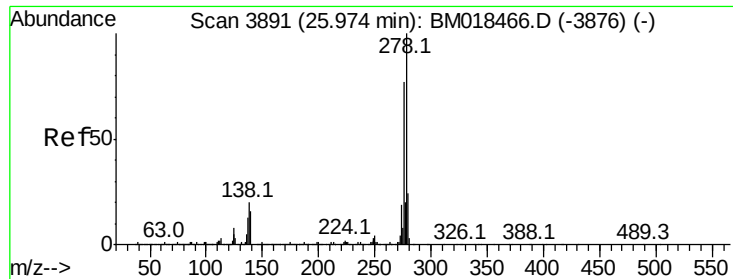
Sohil
1/14/2019 4:43:09 PM



#90
Benzo(a)pyrene
Concen: 36.651 ng
RT: 23.53 min Scan# 3476
Delta R.T. -0.00 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	9.9	9.7	14.5





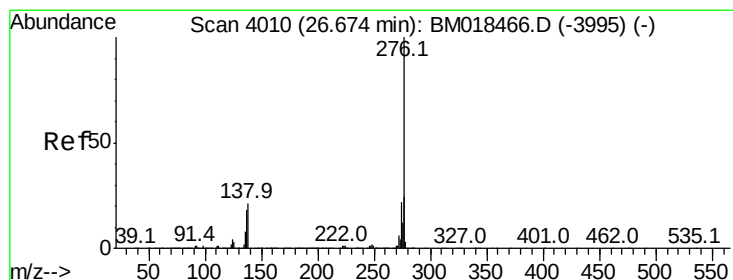
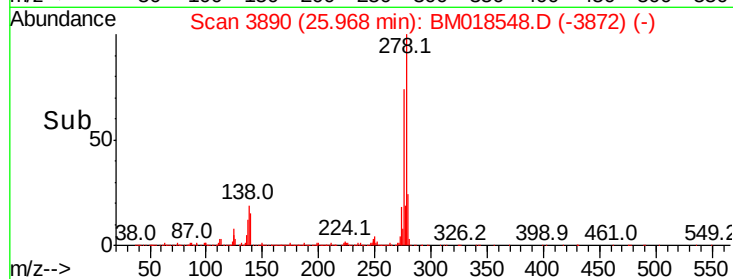
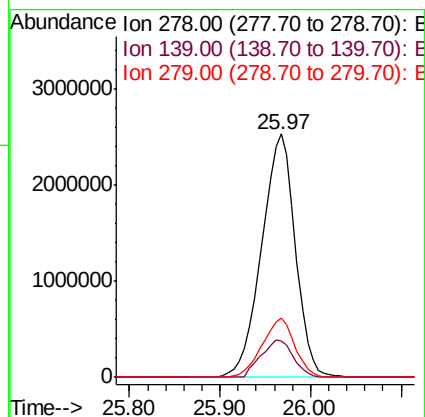
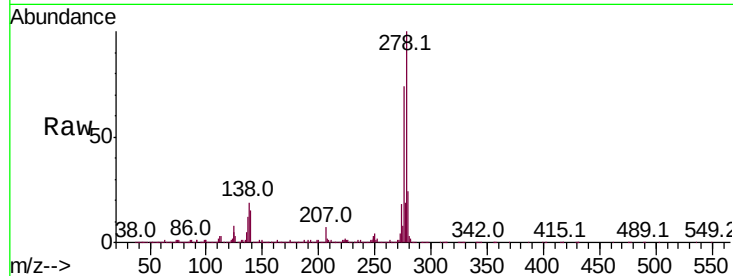
#91
Dibenzo(a,h)anthracene
Concen: 39.941 ng
RT: 25.97 min Scan# 3890
Delta R.T. 0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Instrument :
BNA_M
ClientSampleId :
PB116317BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.2	19.8
279	24.3	19.0	28.4

Manual Integrations
APPROVED

Sohil
1/14/2019 4:43:09 PM



#92
Benzo(g,h,i)perylene
Concen: 41.599 ng
RT: 26.67 min Scan# 4009
Delta R.T. 0.01 min
Lab File: BM018548.D
Acq: 11 Jan 2019 23:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	19.9	18.1	27.1

