

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018738.D
 Acq On : 07 Feb 2019 15:29
 Operator : JU/SJ
 Sample : PB116909BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

Manual Integrations
 APPROVED

Sohil
 2/11/2019 5:02:55 PM

Quant Time: Feb 08 10:57:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	242762	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	893472	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	445765	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	890343	20.00	ng	0.00
76) Chrysene-d12	21.31	240	819631	20.00	ng	0.00
87) Perylene-d12	23.57	264	805941	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1939355	147.51	ng	0.00
7) Phenol-d6	6.89	99	2370657	141.97	ng	0.00
23) Nitrobenzene-d5	8.88	82	1198246	77.75	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	793570	139.82	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	2795609	81.83	ng	0.00
79) Terphenyl-d14	19.74	244	3561953	91.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	216378	40.381	ng	99
3) Pyridine	3.66	79	561445	42.026	ng	97
4) n-Nitrosodimethylamine	3.58	42	268348	48.576	ng	# 95
6) Aniline	7.06	93	651292	34.965	ng	98
8) 2-Chlorophenol	7.28	128	641994	41.811	ng	97
9) Benzaldehyde	6.88	77	292558	28.016	ng	96
10) Phenol	6.92	94	697548	41.109	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	524943	39.372	ng	97
12) 1,3-Dichlorobenzene	7.60	146	719609	39.352	ng	99
13) 1,4-Dichlorobenzene	7.75	146	732587	39.527	ng	99
14) 1,2-Dichlorobenzene	8.06	146	698186	39.728	ng	99
15) Benzyl Alcohol	7.96	79	469929	38.964	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	706108	41.441	ng	96
17) 2-Methylphenol	8.16	107	472127	40.990	ng	99
18) Hexachloroethane	8.78	117	256818	38.863	ng	96
19) n-Nitroso-di-n-propylamine	8.53	70	397285	36.559	ng	95
20) 3+4-Methylphenols	8.49	107	630563	39.657	ng	99
22) Acetophenone	8.55	105	826137	37.378	ng	# 98
24) Nitrobenzene	8.93	77	616267	40.638	ng	97
25) Isophorone	9.45	82	1029367	44.106	ng	99
26) 2-Nitrophenol	9.63	139	315508	43.028	ng	97
27) 2,4-Dimethylphenol	9.69	122	512214	46.604	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	659118	40.881	ng	98
29) 2,4-Dichlorophenol	10.16	162	548969	41.946	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	643908	39.639	ng	98
31) Naphthalene	10.56	128	1849088	42.972	ng	100
32) Benzoic acid	9.82	122	302232	41.811	ng	99
33) 4-Chloroaniline	10.68	127	265885	15.690	ng	99
34) Hexachlorobutadiene	10.82	225	388541	37.860	ng	99
35) Caprolactam	11.49	113	134788m	30.292	ng	
36) 4-Chloro-3-methylphenol	11.80	107	526891	38.374	ng	99
37) 2-Methylnaphthalene	12.17	142	1294816	42.590	ng	100
38) 1-Methylnaphthalene	12.39	142	1219846	41.468	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	664692	42.641	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
 Data File : BM018738.D
 Acq On : 07 Feb 2019 15:29
 Operator : JU/SJ
 Sample : PB116909BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

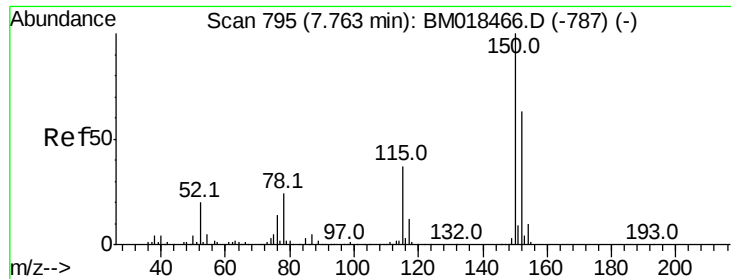
Manual Integrations
 APPROVED

Sohil
 2/11/2019 5:02:55 PM

Quant Time: Feb 08 10:57:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	878171	102.647	nq	100
43) 2,4,6-Trichlorophenol	12.79	196	415978	43.944	nq	99
44) 2,4,5-Trichlorophenol	12.86	196	433245	43.518	nq	99
46) 1,1'-Biphenyl	13.19	154	1598396	41.067	nq	99
47) 2-Chloronaphthalene	13.23	162	1242646	41.171	nq	99
48) 2-Nitroaniline	13.46	65	295656	39.816	nq	93
49) Acenaphthylene	14.09	152	1918073	43.607	nq	99
50) Dimethylphthalate	13.83	163	1420762	38.809	nq	99
51) 2,6-Dinitrotoluene	13.96	165	311972	40.230	nq	91
52) Acenaphthene	14.43	154	1112826	41.349	nq	97
53) 3-Nitroaniline	14.29	138	179361	22.942	nq	95
54) 2,4-Dinitrophenol	14.50	184	311249	74.669	nq	90
55) Dibenzofuran	14.77	168	1757103	39.514	nq	100
56) 4-Nitrophenol	14.60	139	495955	73.431	nq	97
57) 2,4-Dinitrotoluene	14.75	165	414039	37.736	nq	99
58) Fluorene	15.42	166	1379794	41.654	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	367528	41.649	nq	98
60) Diethylphthalate	15.19	149	1384252	37.455	nq	100
61) 4-Chlorophenyl-phenylether	15.41	204	713009	37.346	nq	99
62) 4-Nitroaniline	15.46	138	268049	31.433	nq	94
63) Azobenzene	15.70	77	1160225	38.504	nq	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	214592	38.958	nq	91
66) n-Nitrosodiphenylamine	15.63	169	1165496	42.201	nq	99
67) 4-Bromophenyl-phenylether	16.31	248	403789	40.527	nq	97
68) Hexachlorobenzene	16.41	284	452898	40.604	nq	100
69) Atrazine	16.59	200	388118	38.873	nq	97
70) Pentachlorophenol	16.76	266	534265	73.137	nq	99
71) Phenanthrene	17.16	178	2030011	42.866	nq	99
72) Anthracene	17.25	178	2056086	45.150	nq	99
73) Carbazole	17.53	167	1796424	38.396	nq	99
74) Di-n-butylphthalate	18.08	149	2079817	40.583	nq	99
75) Fluoranthene	19.18	202	2160754	39.575	nq	99
77) Benzidine	19.37	184	881857	43.575	nq	100
78) Pyrene	19.54	202	2240015	46.106	nq	100
80) Butylbenzylphthalate	20.44	149	869634	41.948	nq	98
81) Benzo(a)anthracene	21.29	228	2094727	43.382	nq	99
82) 3,3'-Dichlorobenzidine	21.23	252	534435	29.270	nq	99
83) Chrysene	21.34	228	1983370	42.537	nq	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	1211792	40.480	nq	100
85) Di-n-octyl phthalate	22.10	149	2027819	40.275	nq	96
86) Indeno(1,2,3-cd)pyrene	25.86	276	2456468	45.688	nq	98
88) Benzo(b)fluoranthene	22.89	252	2063104	45.090	nq	99
89) Benzo(k)fluoranthene	22.93	252	1973307	42.795	nq	98
90) Benzo(a)pyrene	23.47	252	1994993	45.544	nq	98
91) Dibenzo(a,h)anthracene	25.87	278	2066746	46.565	nq	100
92) Benzo(g,h,i)perylene	26.56	276	2072278	47.979	nq	98

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



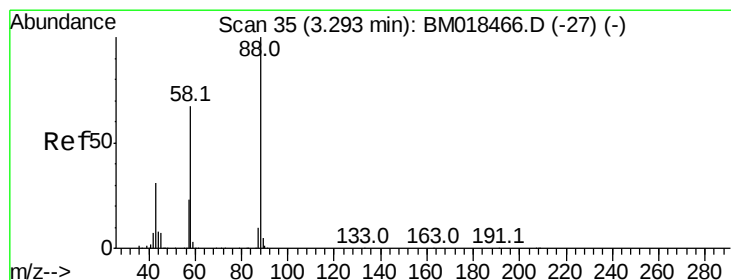
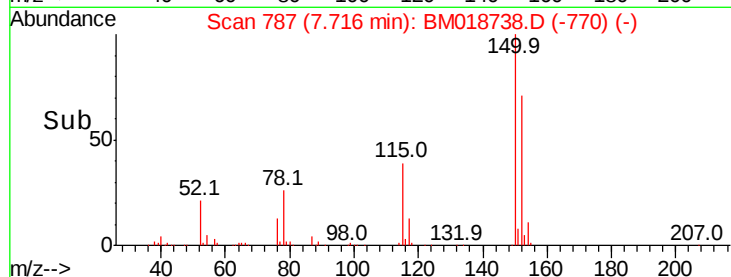
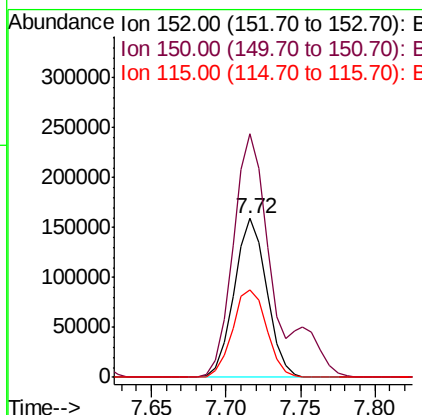
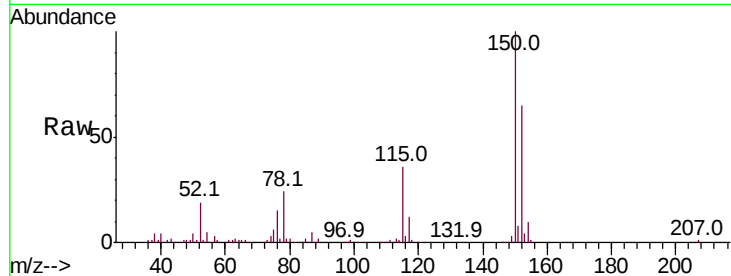
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.9	190.3
115	55.4	45.5	68.3

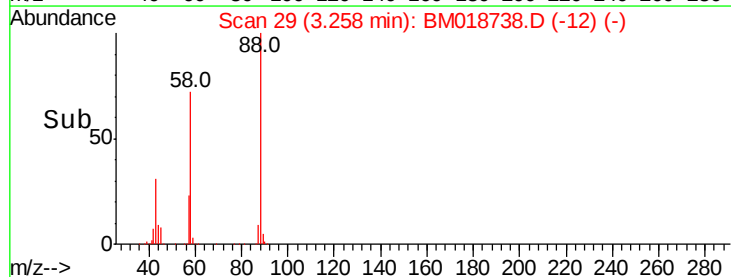
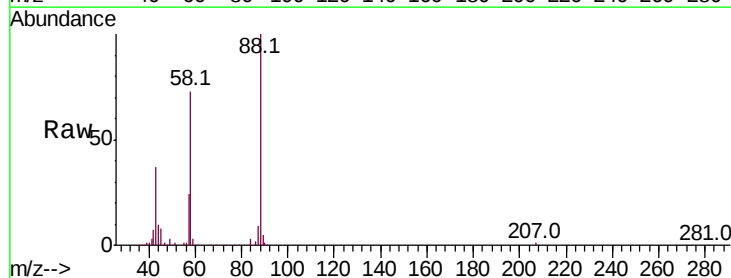
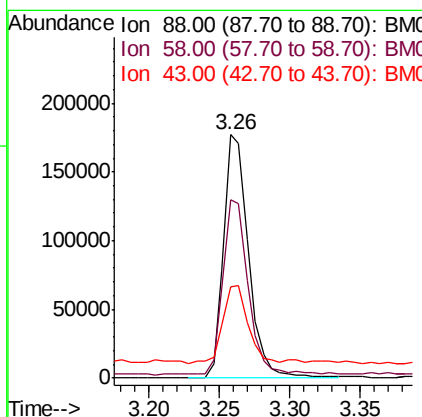
Manual Integrations
APPROVED

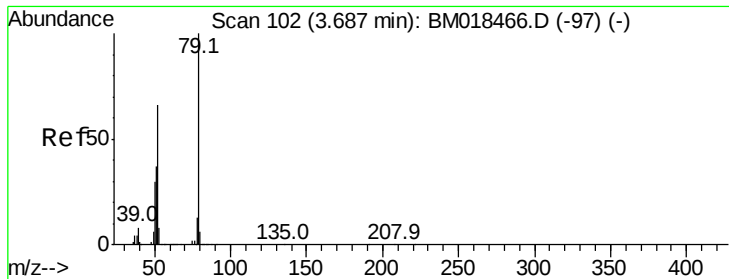
Sohil
2/11/2019 5:02:55 PM



#2
1,4-Dioxane
Concen: 40.381 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	58.4	87.6
43	32.3	26.2	39.4





#3

Pvridine

Concen: 42.026 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

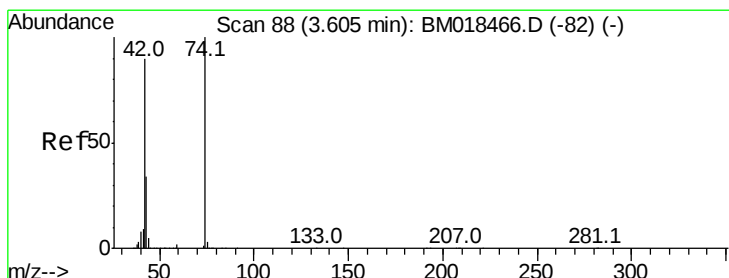
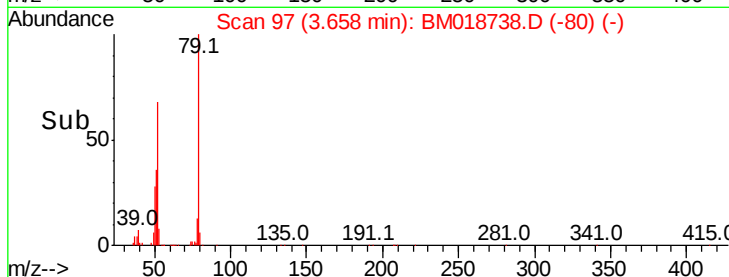
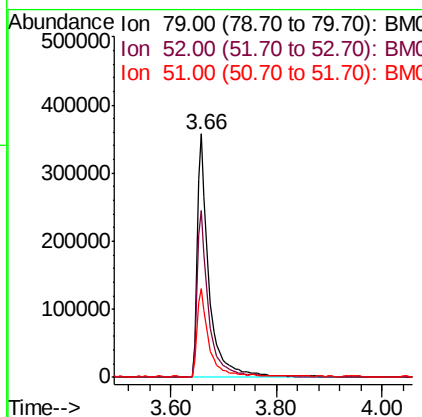
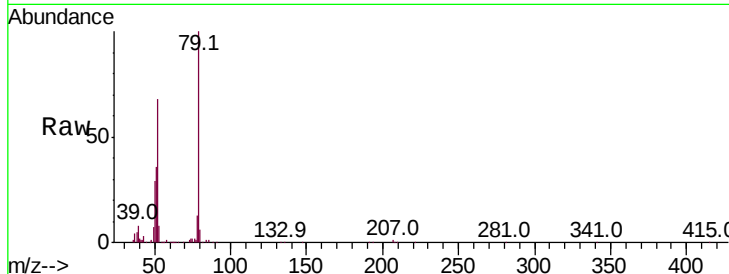
ClientSampleId :

PB116909BS

Tot Ion:	79	Resp:	561445
Ion Ratio	Lower	Upper	
79	100		
52	68.3	56.4	84.6
51	36.2	31.0	46.4

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM



#4

n-Nitrosodimethylamine

Concen: 48.576 ng

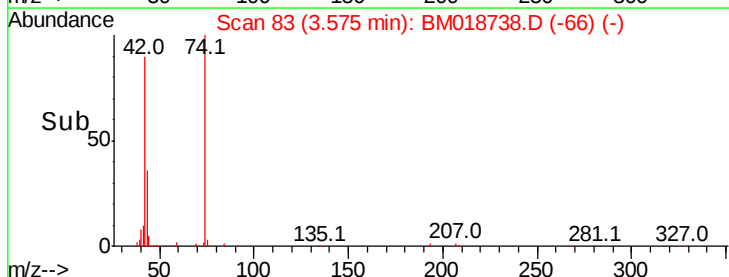
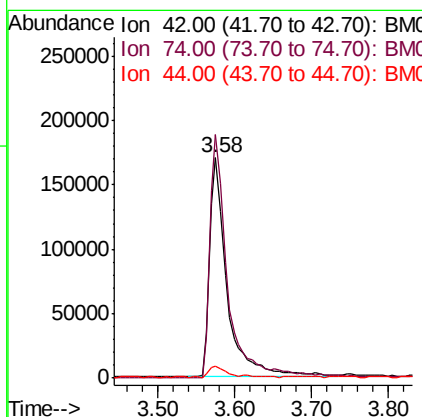
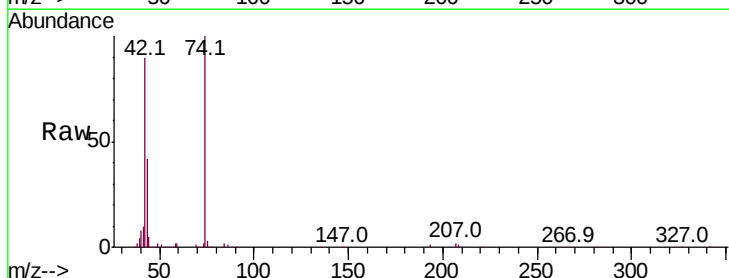
RT: 3.58 min Scan# 83

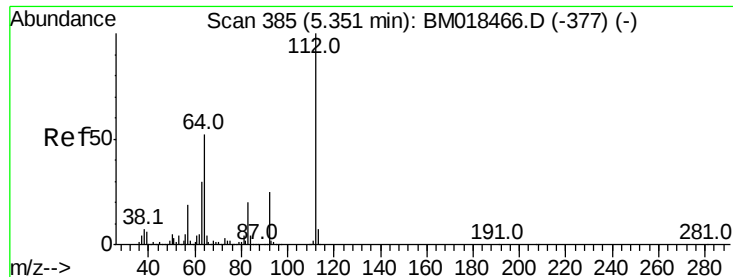
Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:	42	Resp:	268348
Ion Ratio	Lower	Upper	
42	100		
74	110.5	88.6	132.8
44	5.7	16.9	25.3#





#5

2-Fluorophenol

Concen: 147.511 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

Tot Ion:112 Resp: 1939355

Ion Ratio Lower Upper

112 100

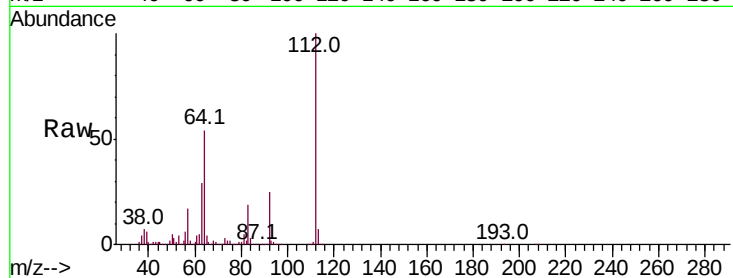
64 53.6 46.5 69.7

63 28.6 25.2 37.8

Manual Integrations
APPROVED

Sohil

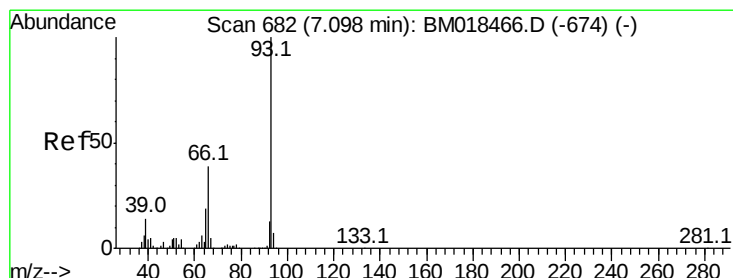
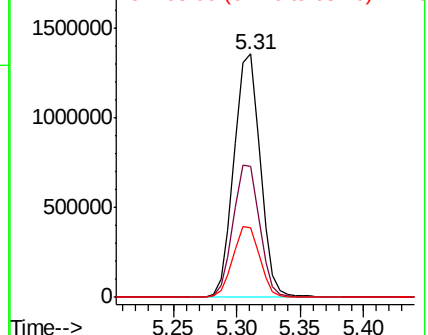
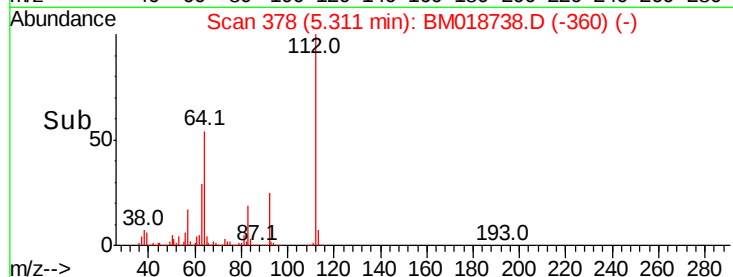
2/11/2019 5:02:55 PM



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: 34.965 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

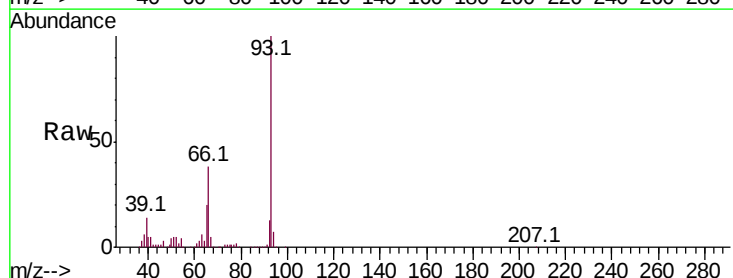
Tgt Ion: 93 Resp: 651292

Ion Ratio Lower Upper

93 100

66 38.4 31.7 47.5

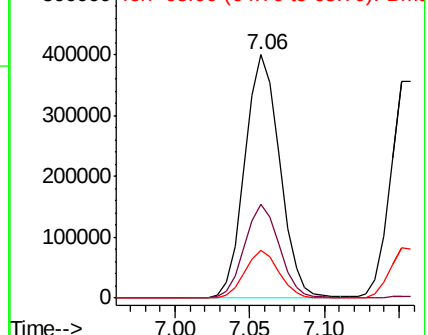
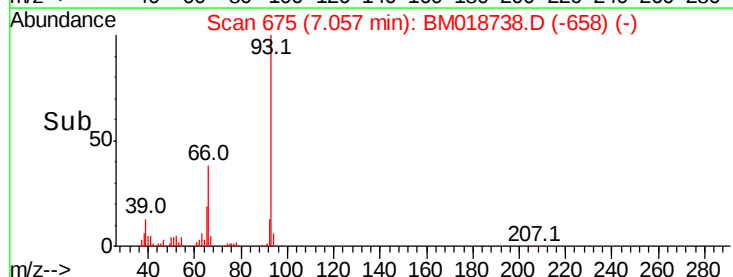
65 19.5 15.9 23.9

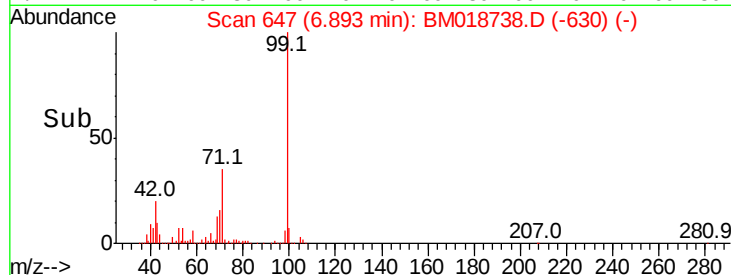
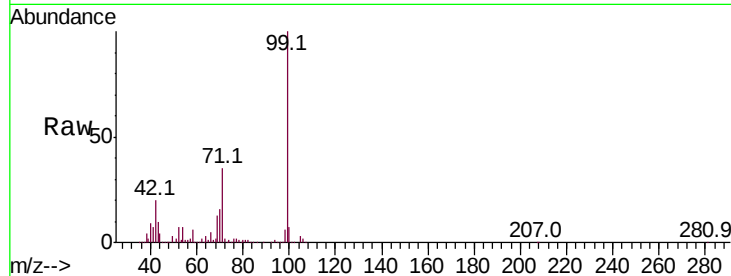
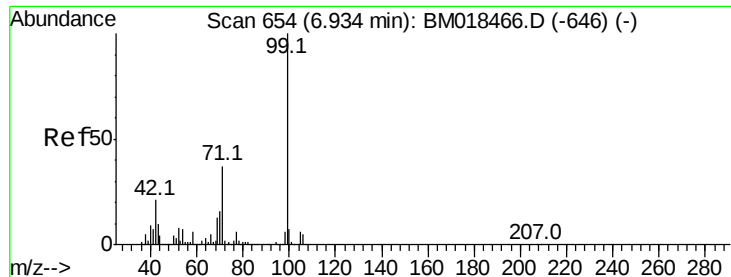


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 141.968 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tot Ion:	99	Resp:	2370657
Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.3	25.9
71	35.2	28.0	42.0

Instrument :

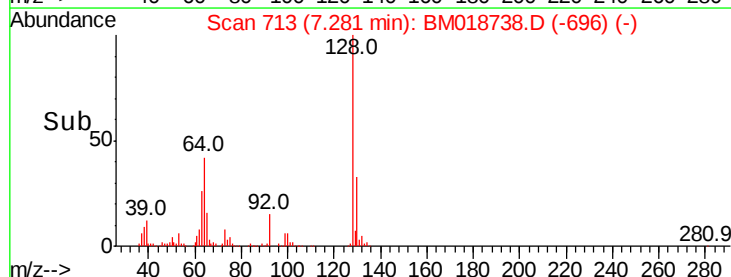
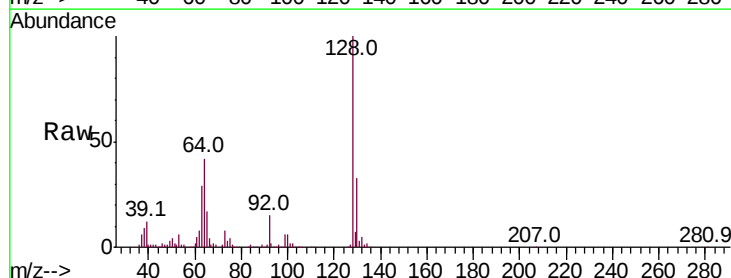
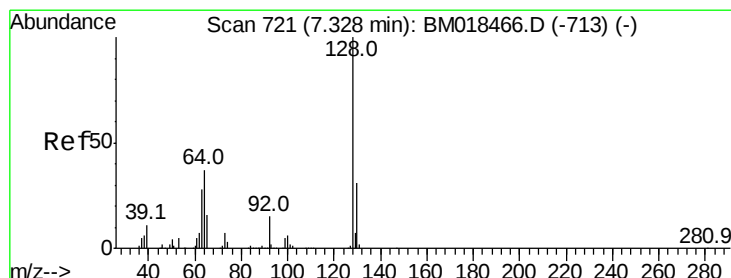
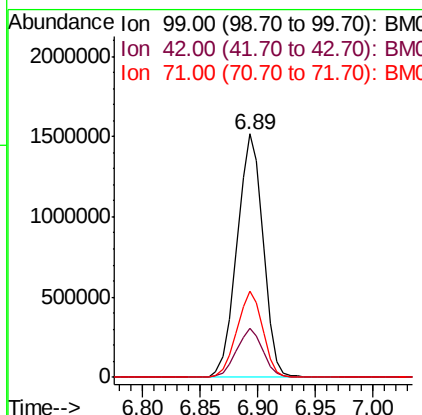
BNA_M

ClientSampleId :

PB116909BS

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM



#8

2-Chlorophenol

Concen: 41.811 ng

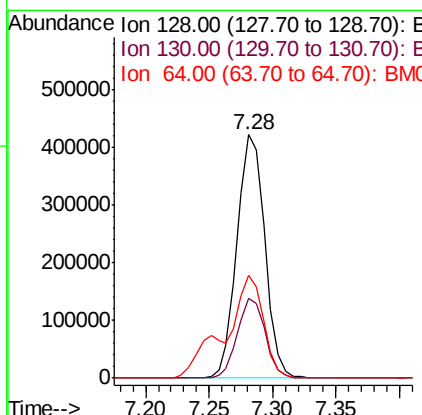
RT: 7.28 min Scan# 713

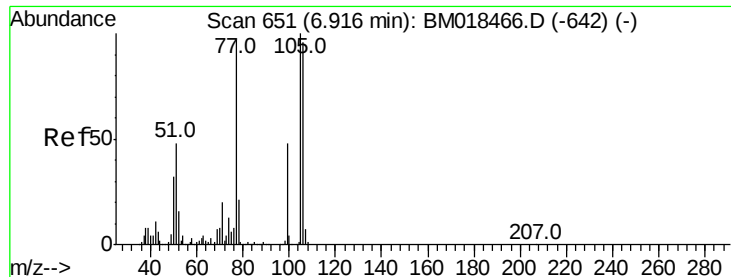
Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:	128	Resp:	641994
Ion	Ratio	Lower	Upper
128	100		
130	33.0	13.6	53.6
64	42.1	24.8	64.8





#9

Benzaldehyde

Concen: 28.016 ng

RT: 6.88 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

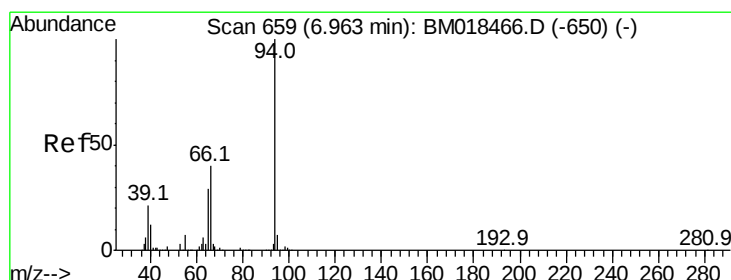
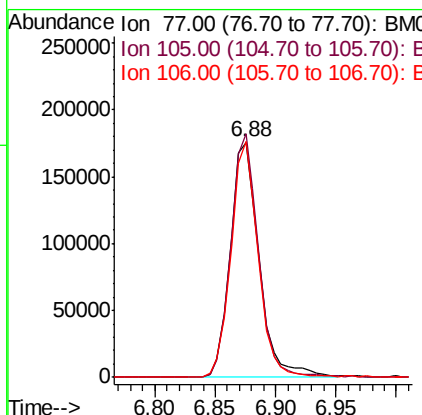
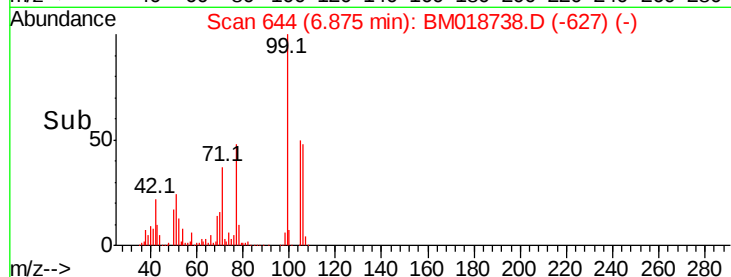
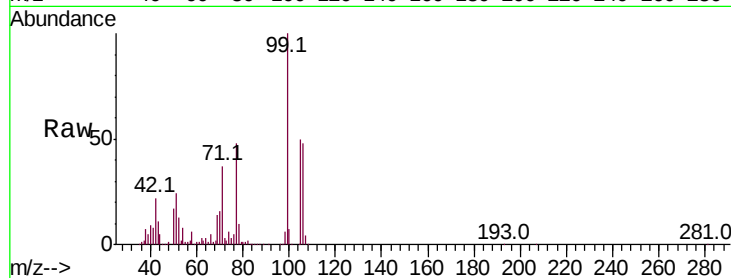
ClientSampled :

PB116909BS

Tot Ion:	77	Resp:	292558
Ion Ratio	Lower	Upper	
77	100		
105	103.5	79.7	119.7
106	100.1	75.2	115.2

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM



#10

Phenol

Concen: 41.109 ng

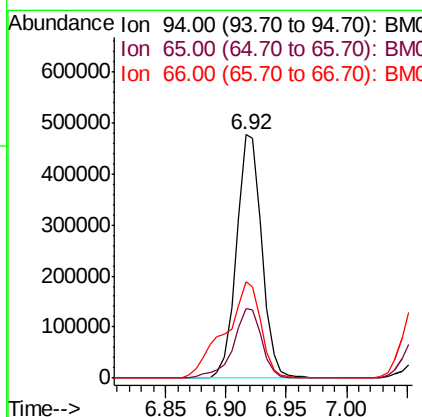
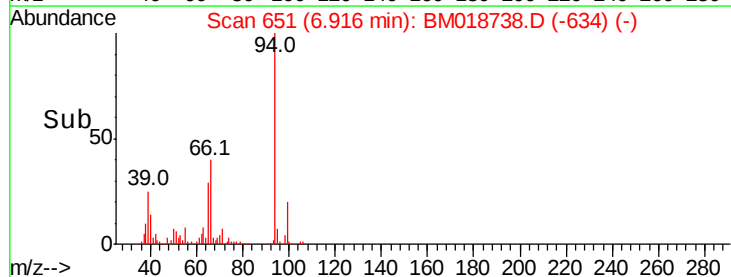
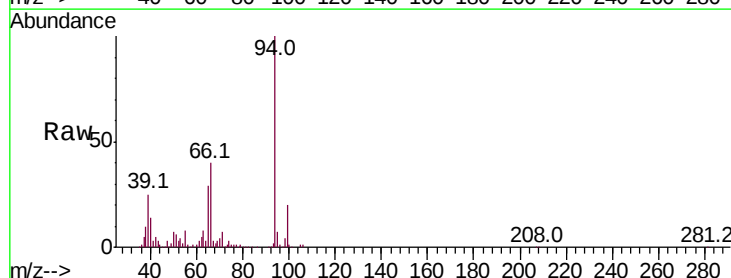
RT: 6.92 min Scan# 651

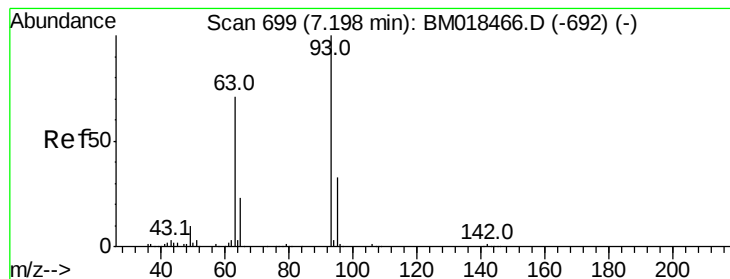
Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:	94	Resp:	697548
Ion Ratio	Lower	Upper	
94	100		
65	28.6	9.4	49.4
66	39.9	19.1	59.1





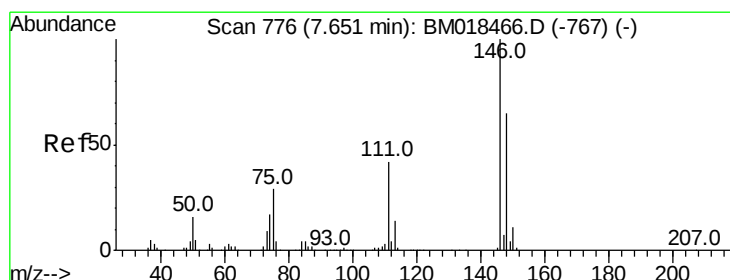
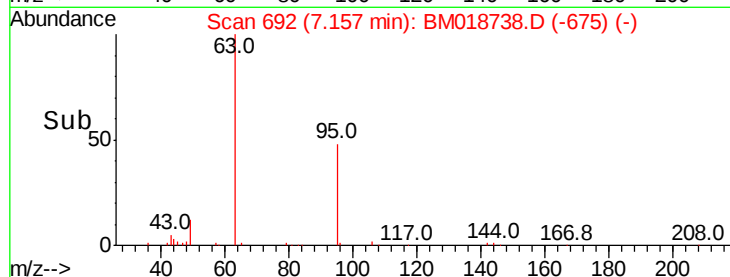
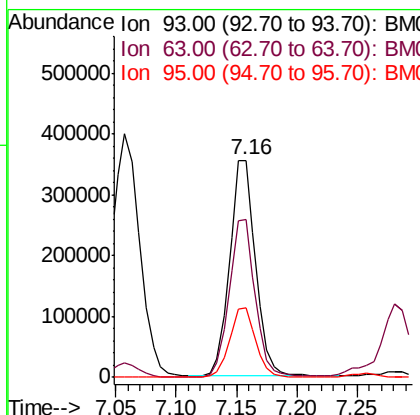
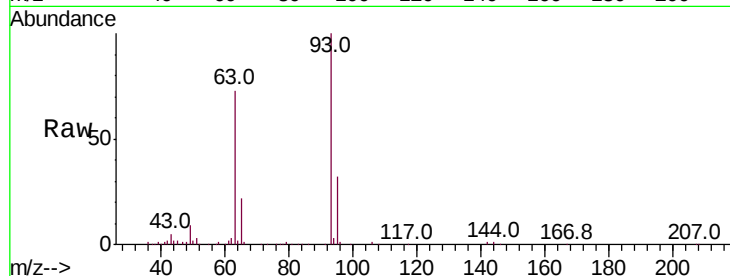
#11
bis(2-Chloroethyl)ether
Concen: 39.372 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampled :
PB116909BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	56.4	96.4
95	32.2	12.7	52.7

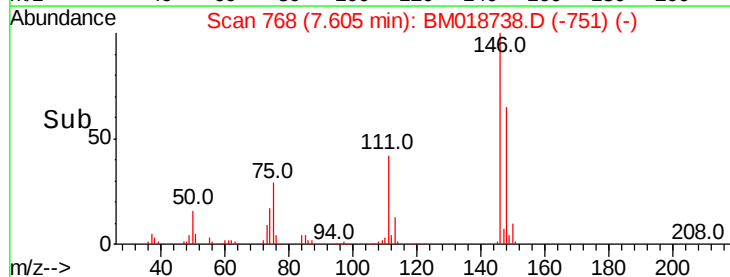
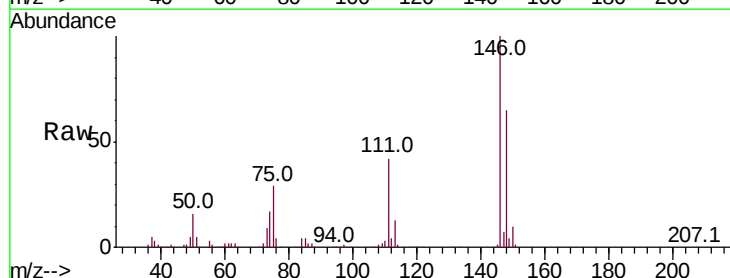
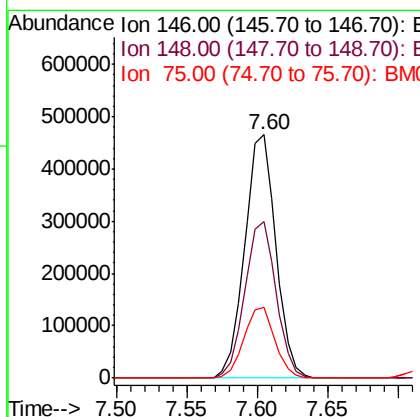
Manual Integrations
APPROVED

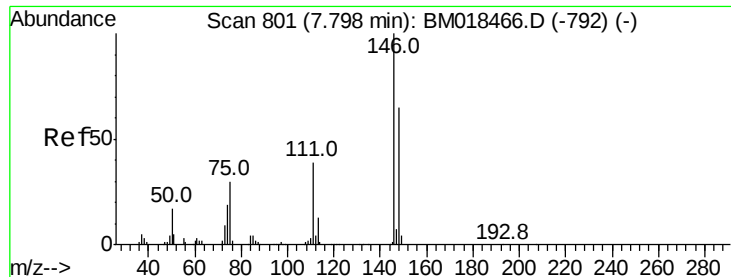
Sohil
2/11/2019 5:02:55 PM



#12
1,3-Dichlorobenzene
Concen: 39.352 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.5	75.7
75	29.1	23.0	34.6





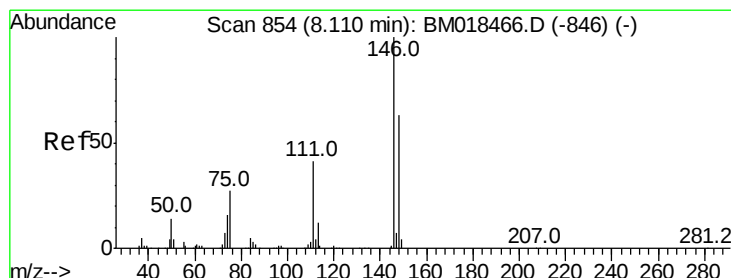
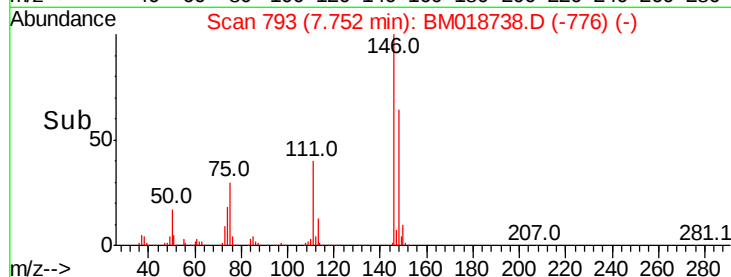
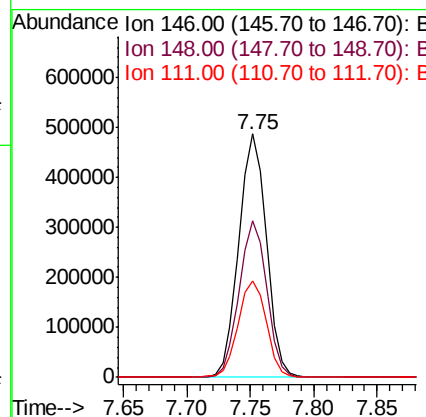
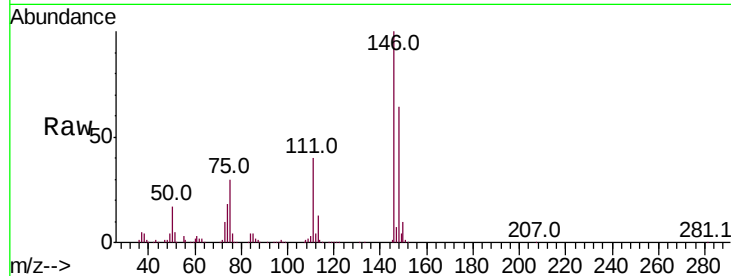
#13
1,4-Dichlorobenzene
Concen: 39.527 ng
RT: 7.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	39.8	32.2	48.2

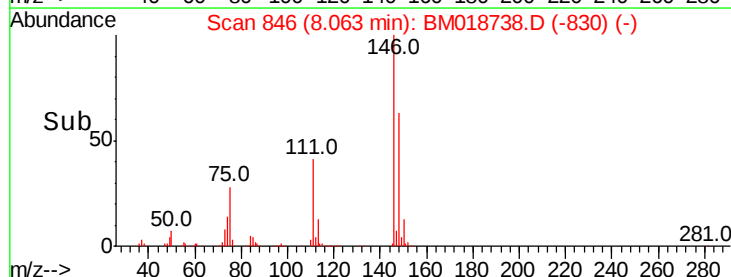
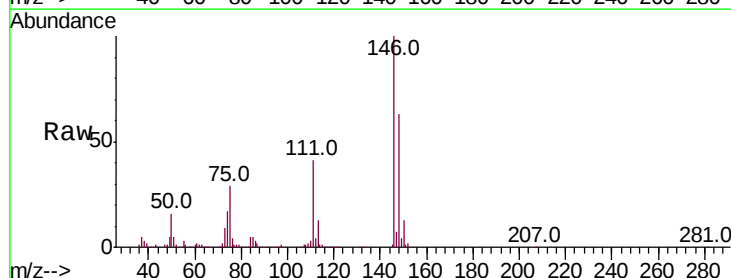
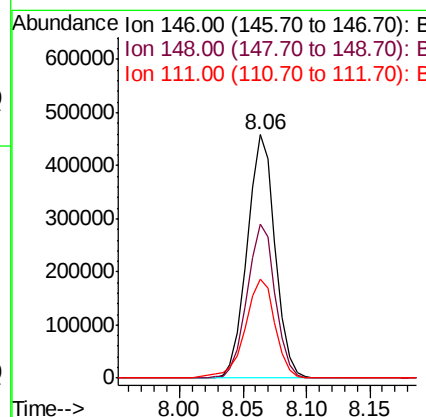
Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM



#14
1,2-Dichlorobenzene
Concen: 39.728 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.0	76.6
111	40.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 38.964 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

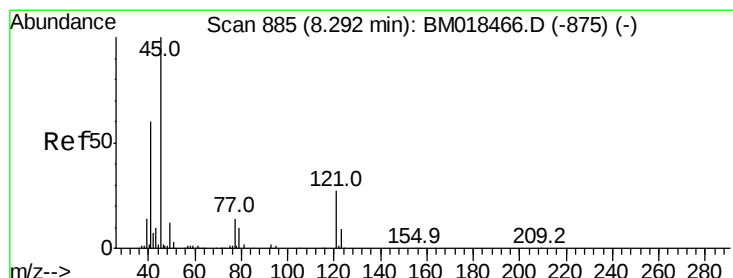
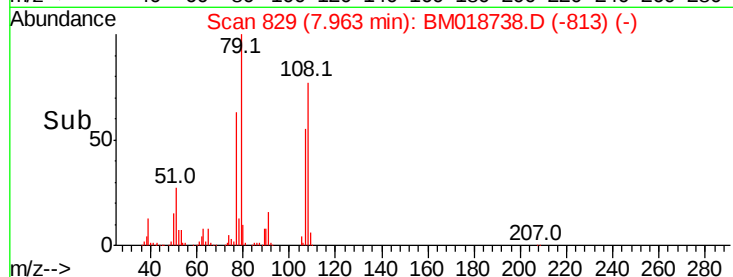
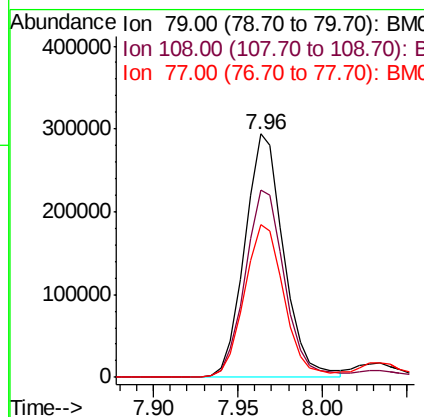
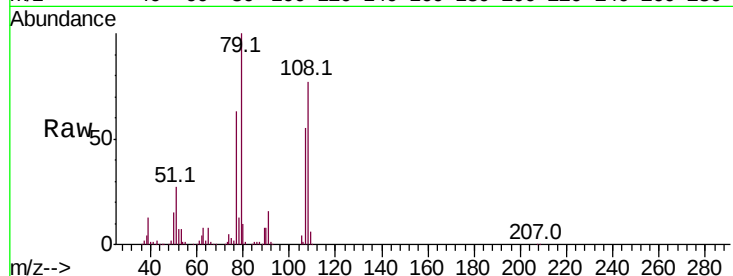
ClientSampleId :

PB116909BS

Tot Ion:	79	Resp:	469929
Ion Ratio	Lower	Upper	
79	100		
108	76.9	60.4	90.6
77	62.8	53.4	80.2

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.441 ng

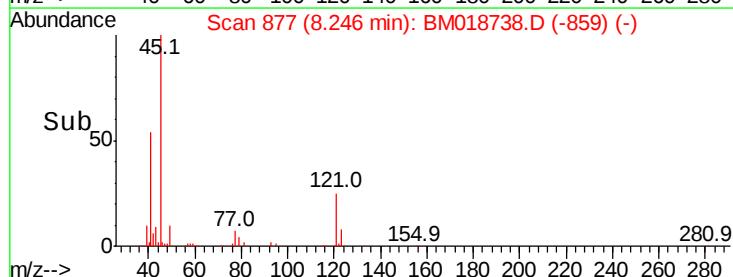
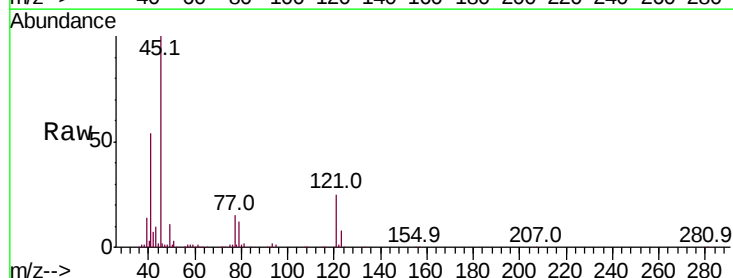
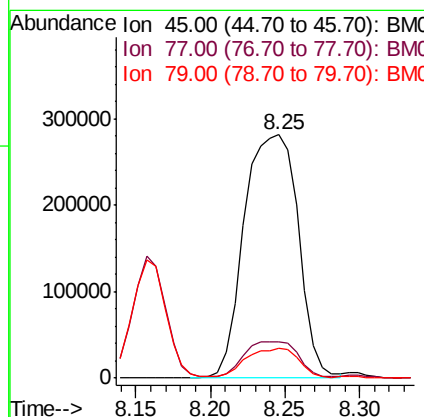
RT: 8.25 min Scan# 877

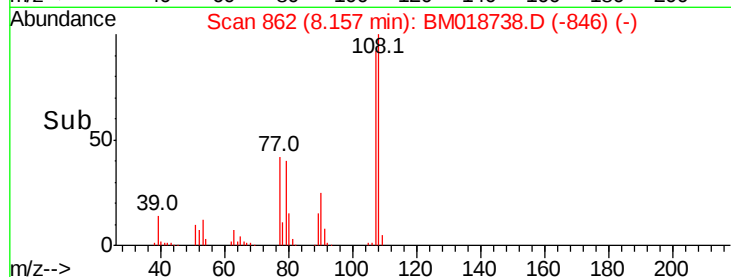
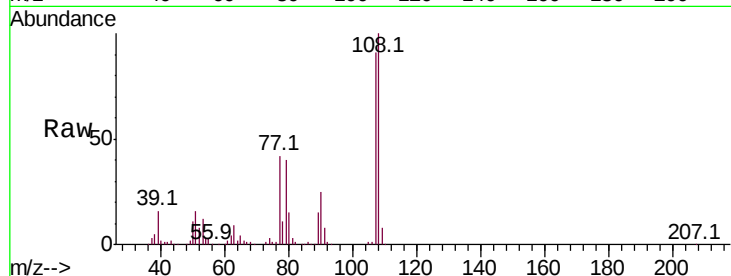
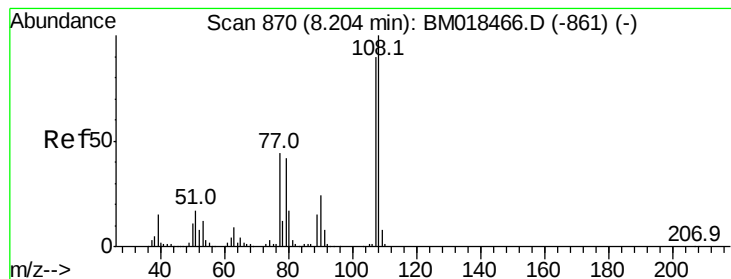
Delta R.T. 0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:	45	Resp:	706108
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	33.4
79	12.4	0.0	31.1





#17

2-Methylphenol

Concen: 40.990 ng

RT: 8.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.6	87.5	131.3	
77	46.1	37.3	55.9	
79	44.3	36.4	54.6	

Instrument :

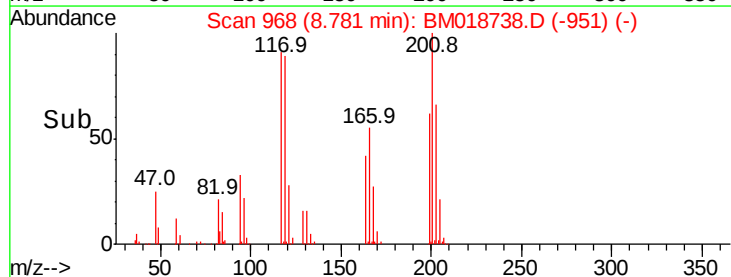
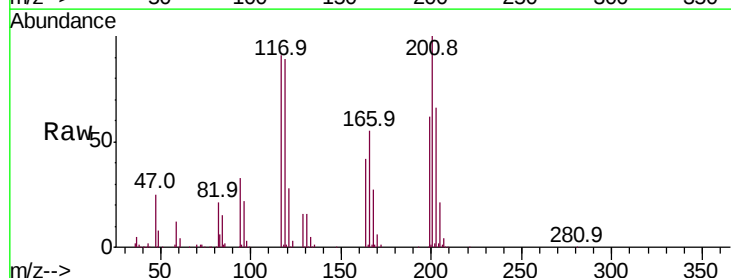
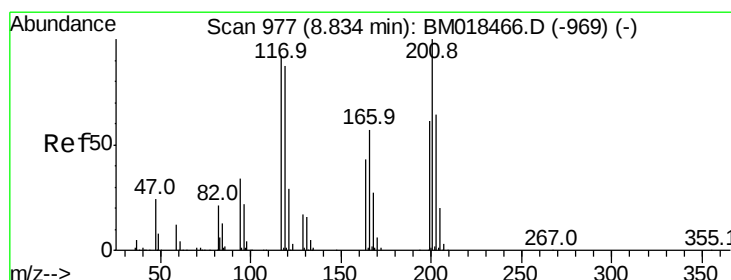
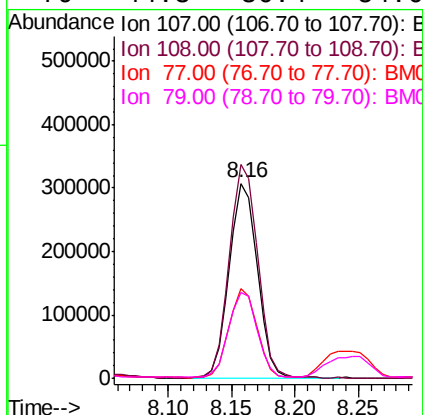
BNA_M

ClientSampled :

PB116909BS

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM



#18

Hexachloroethane

Concen: 38.863 ng

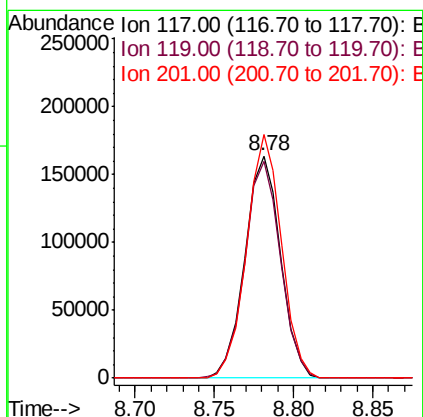
RT: 8.78 min Scan# 968

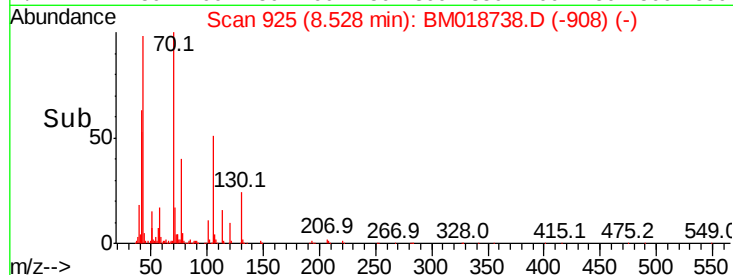
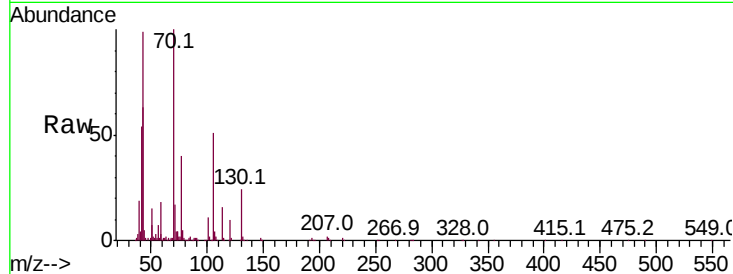
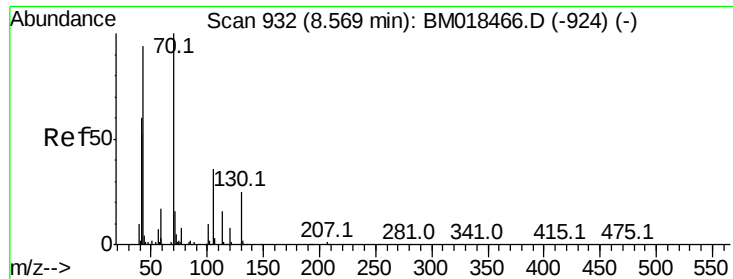
Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	78.3	117.5	
201	109.7	81.4	122.0	





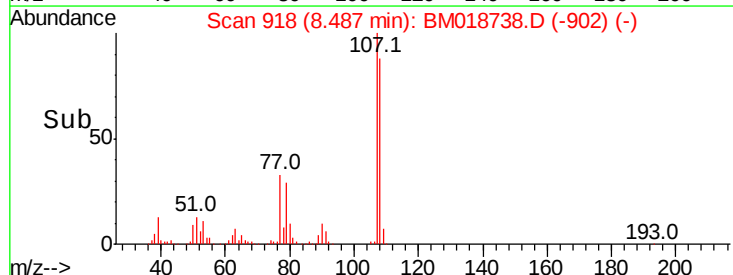
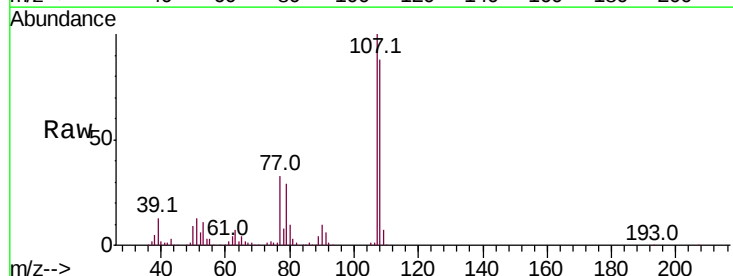
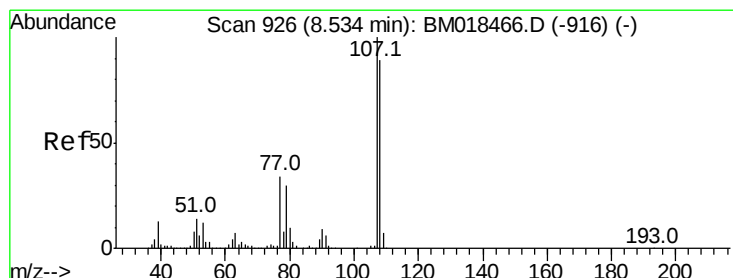
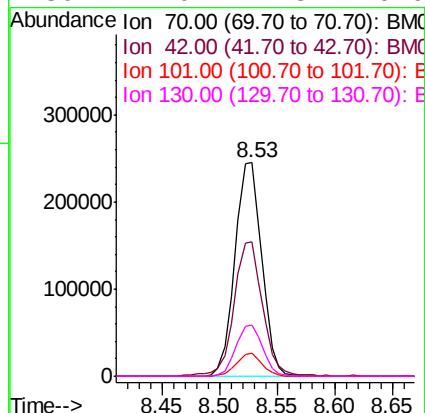
#19
n-Nitroso-di-n-propylamine
Concen: 36.559 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Manual Integrations
APPROVED

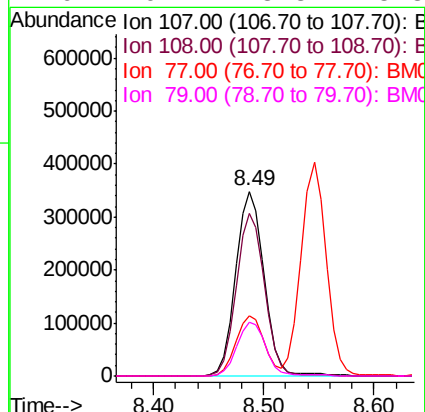
Sohil
2/11/2019 5:02:55 PM

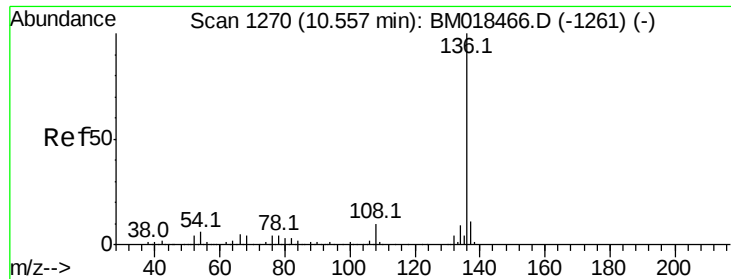
Tot Ion	Ratio	Lower	Upper
70	100		
42	63.0	54.0	81.0
101	10.9	8.1	12.1
130	24.0	17.8	26.6



#20
3+4-Methylphenols
Concen: 39.657 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	66.8	106.8
77	32.9	13.3	53.3
79	29.4	8.8	48.8





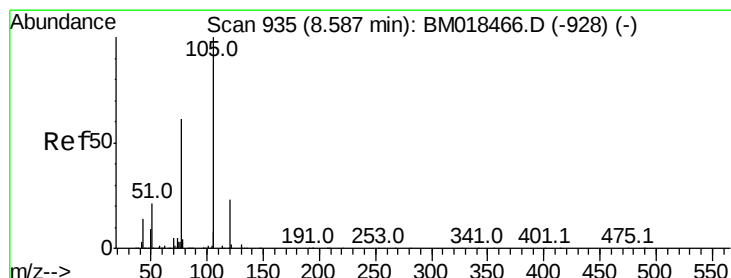
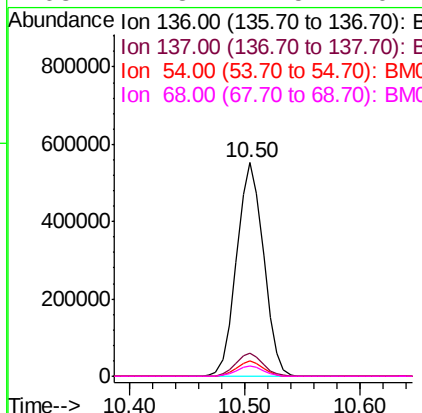
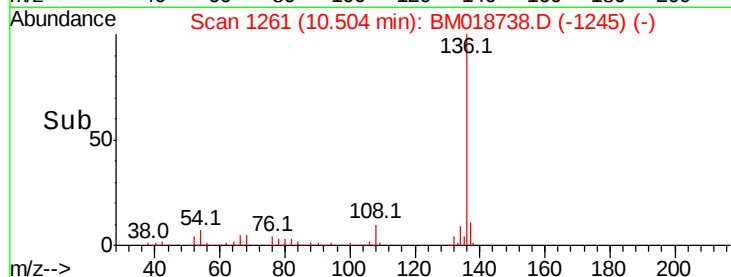
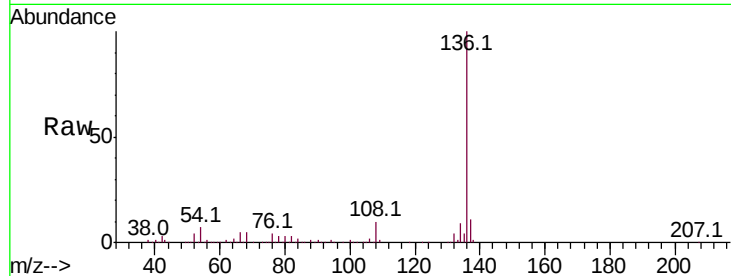
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.1	6.0	9.0	
68	4.8	4.5	6.7	

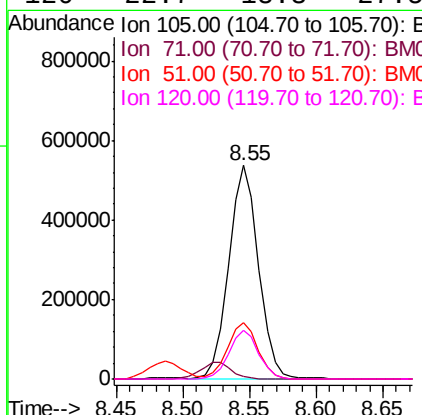
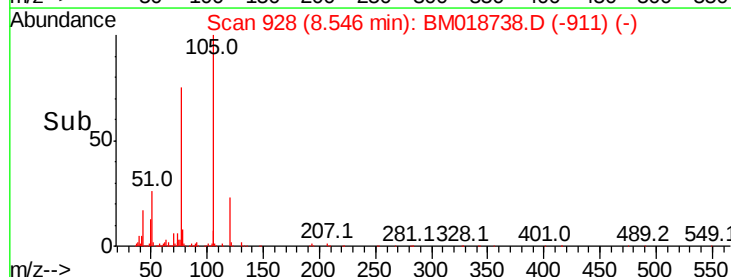
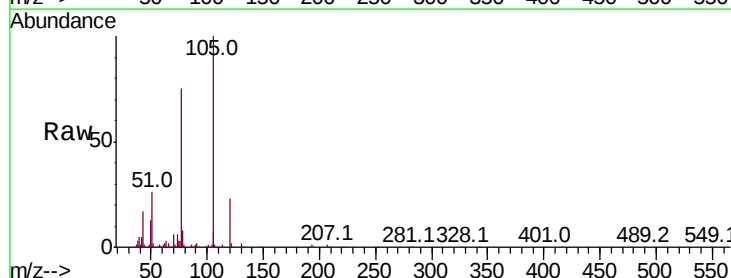
Manual Integrations
APPROVED

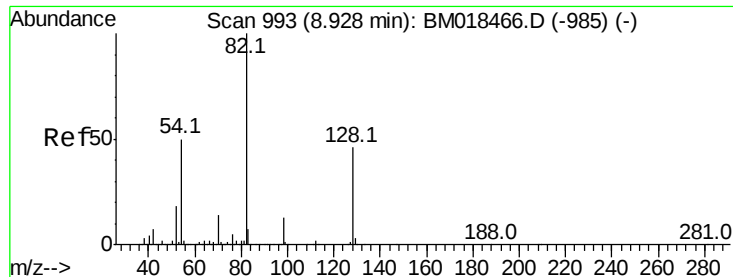
Sohil
2/11/2019 5:02:55 PM



#22
Acetophenone
Concen: 37.378 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.1	1.7	2.5#	
51	26.3	22.6	34.0	
120	22.7	18.3	27.5	





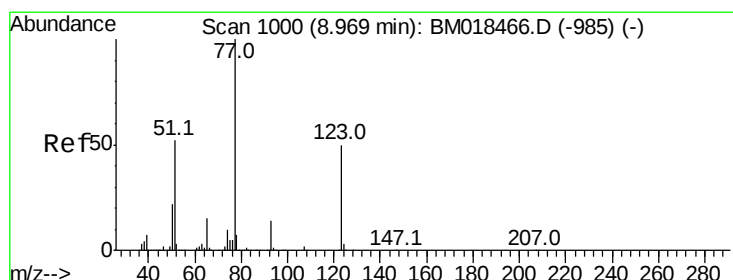
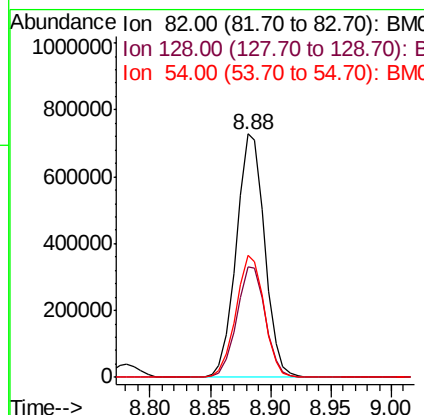
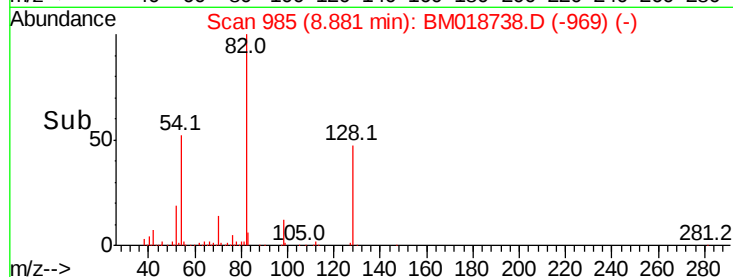
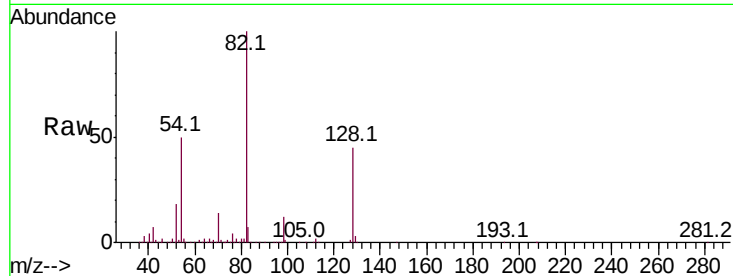
#23
Nitrobenzene-d5
Concen: 77.746 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleID :
PB116909BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.3	54.5
54	50.1	41.7	62.5

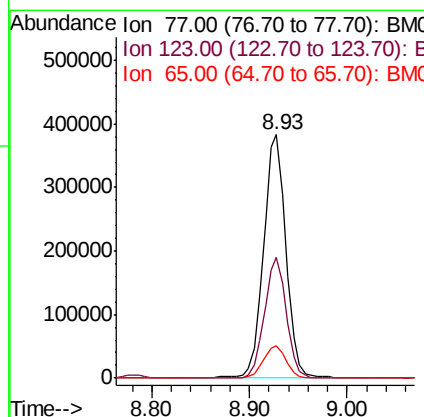
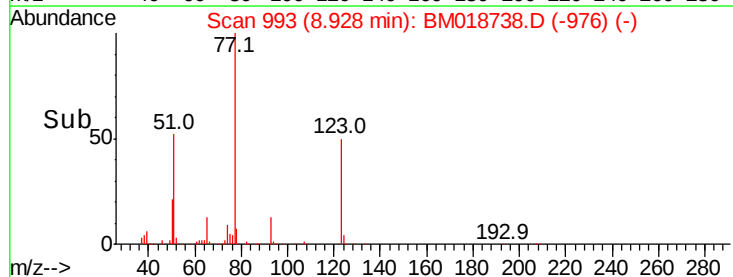
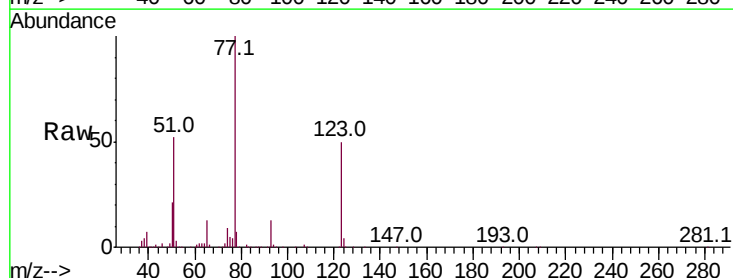
Manual Integrations
APPROVED

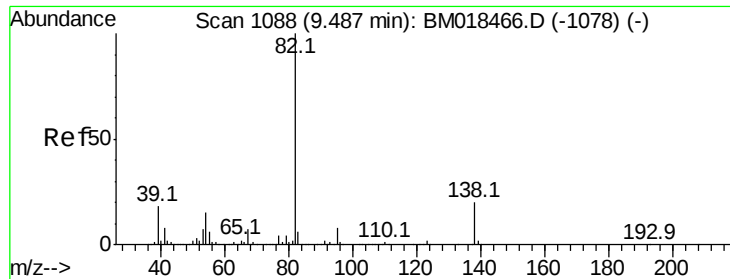
Sohil
2/11/2019 5:02:55 PM



#24
Nitrobenzene
Concen: 40.638 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	37.7	56.5
65	13.3	11.0	16.6





#25

Isophorone

Concen: 44.106 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

Tot Ion: 82 Resp: 1029367

Ion Ratio Lower Upper

82 100

95 7.6 6.1 9.1

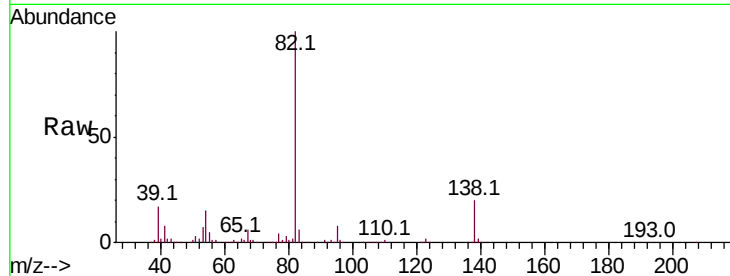
138 19.6 15.1 22.7

Manual Integrations

APPROVED

Sohil

2/11/2019 5:02:55 PM

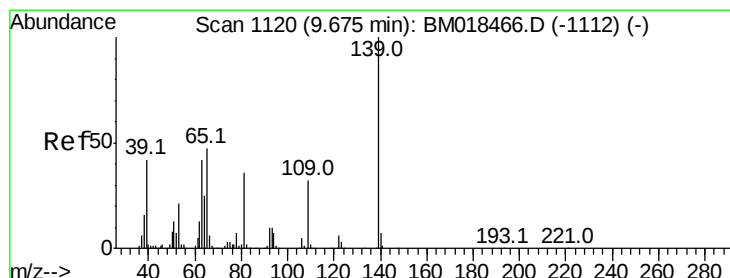
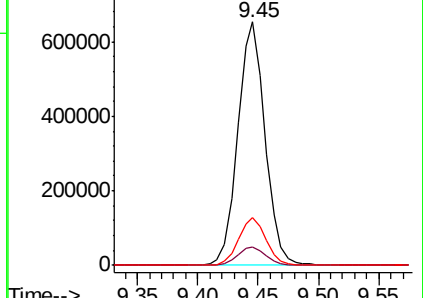
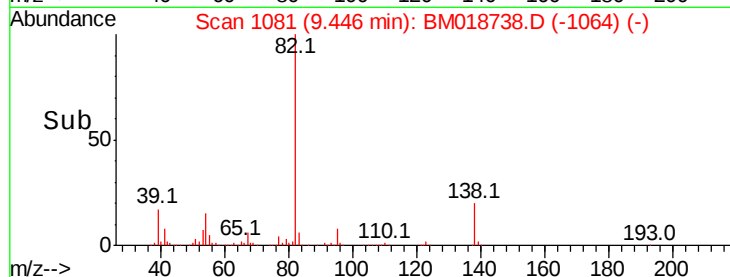


Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)

Time-->



#26

2-Nitrophenol

Concen: 43.028 ng

RT: 9.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

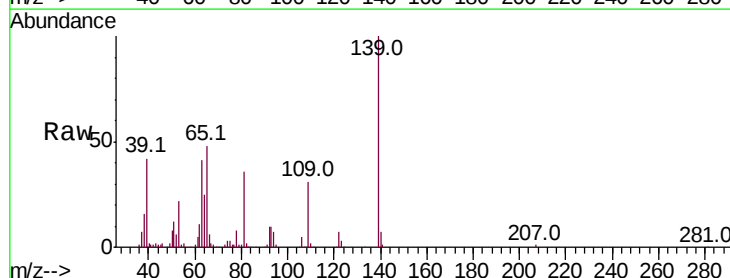
Tgt Ion: 139 Resp: 315508

Ion Ratio Lower Upper

139 100

109 30.9 23.4 35.2

65 47.8 39.4 59.2

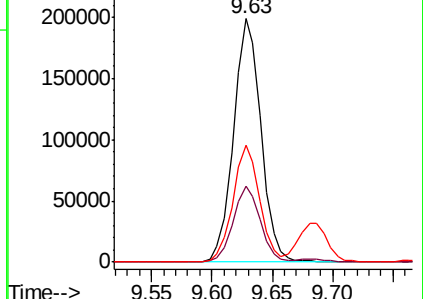
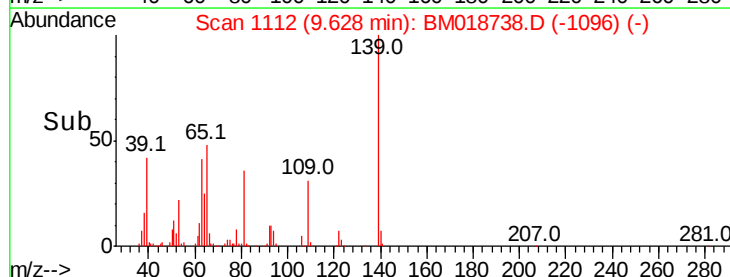


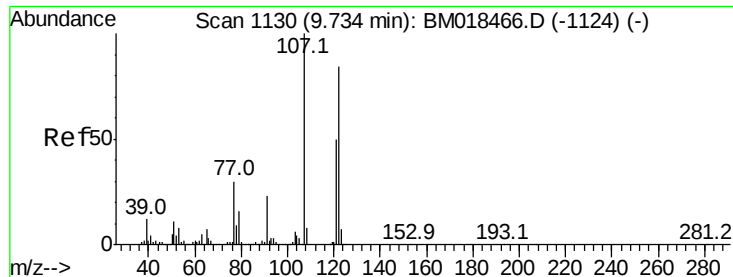
Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)

Time-->





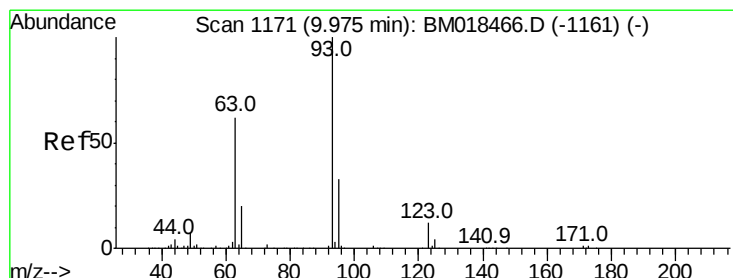
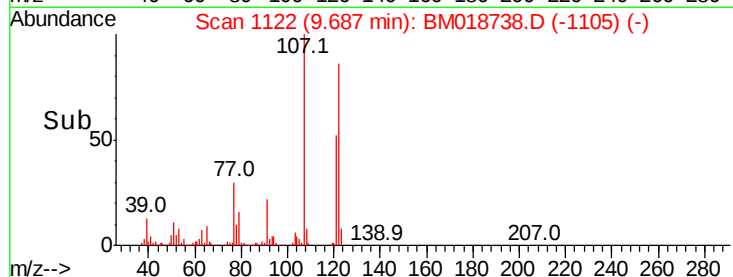
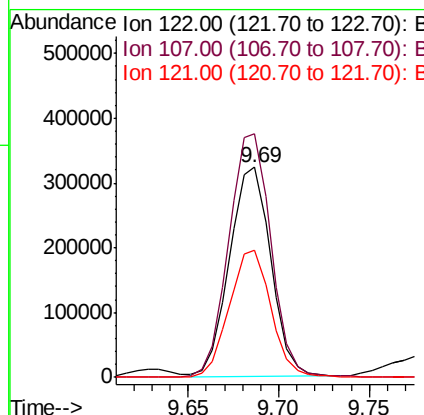
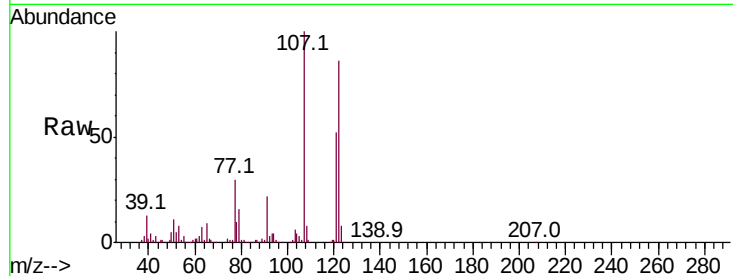
#27
2,4-Dimethylphenol
Concen: 46.604 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	512214		
107	115.8	91.9	137.9	
121	60.6	47.5	71.3	

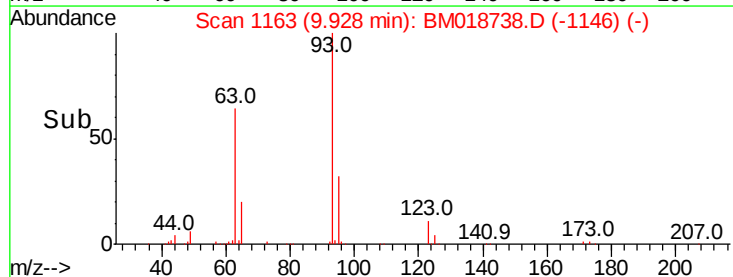
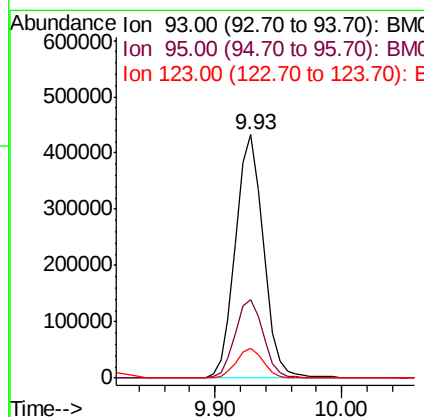
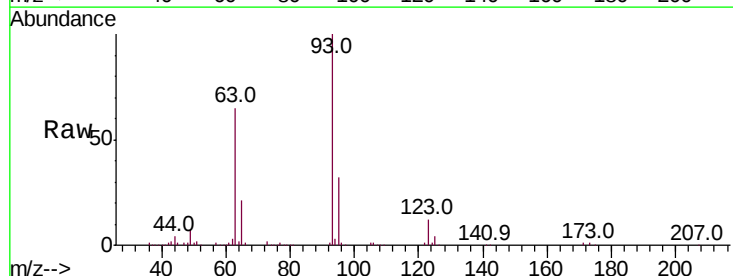
Manual Integrations
APPROVED

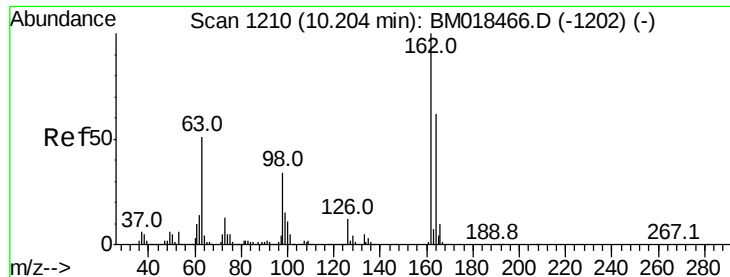
Sohil
2/11/2019 5:02:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.881 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	659118		
95	32.0	26.6	39.8	
123	12.3	9.9	14.9	





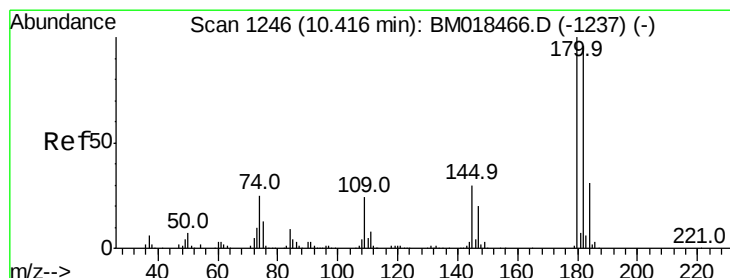
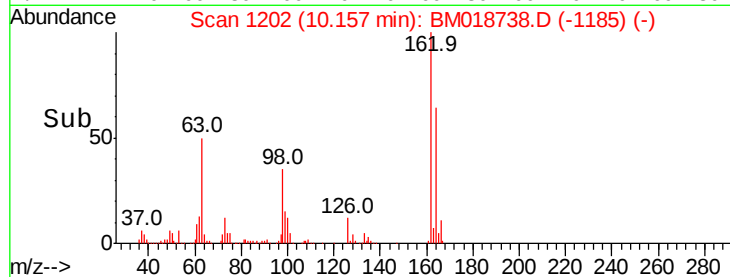
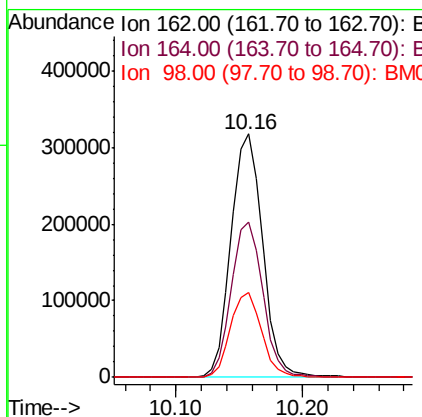
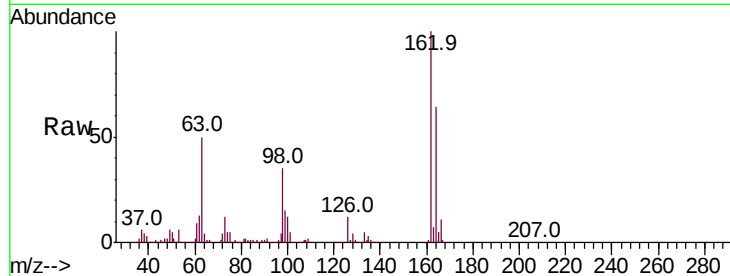
#29
 2,4-Dichlorophenol
 Concen: 41.946 ng
 RT: 10.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.9	45.6	85.6	
98	34.6	14.7	54.7	

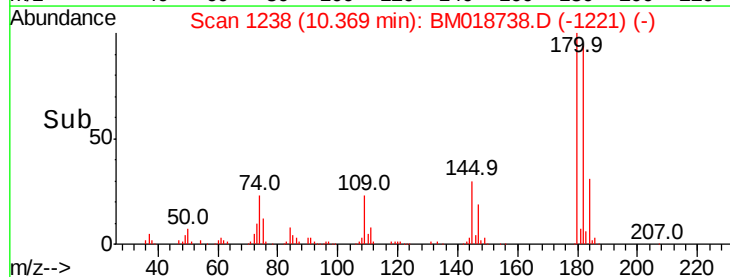
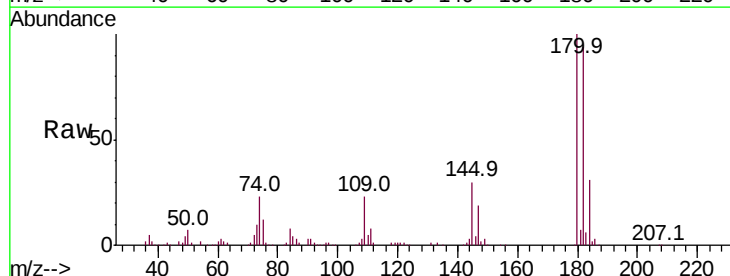
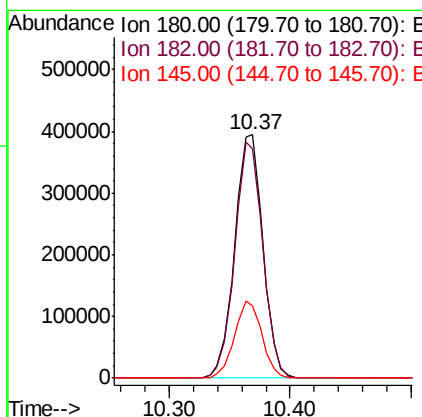
Manual Integrations
 APPROVED

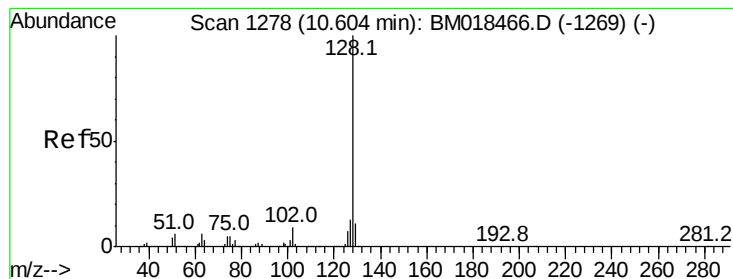
Sohil
 2/11/2019 5:02:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.639 ng
 RT: 10.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.4	77.4	116.2	
145	29.6	24.6	37.0	





#31

Naphthalene

Concen: 42.972 ng

RT: 10.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

Tot Ion:128 Resp: 1849088

Ion Ratio Lower Upper

128 100

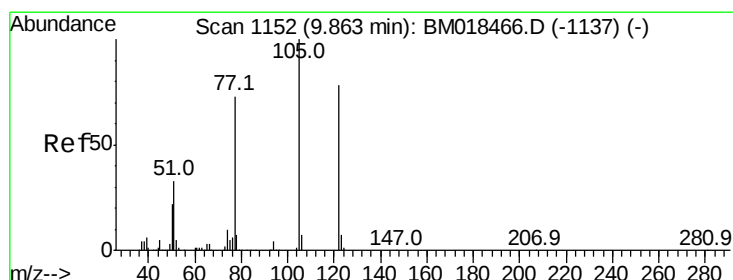
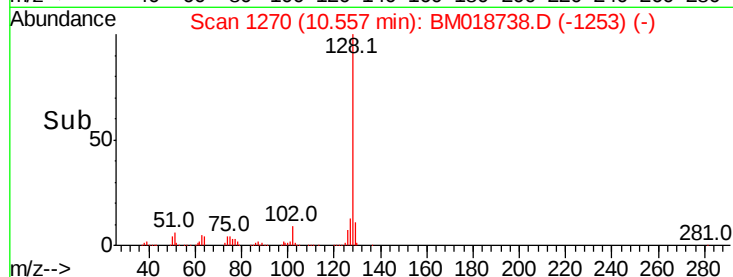
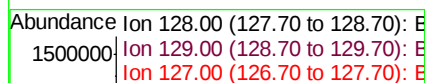
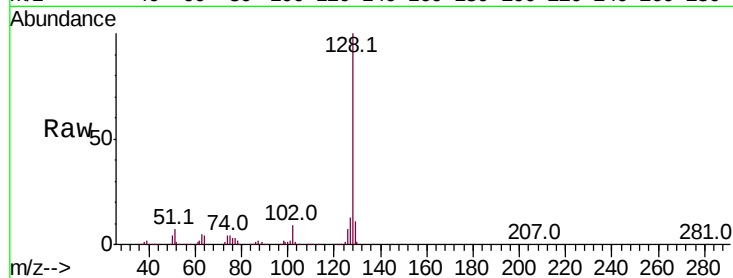
129 11.0 8.7 13.1

127 13.3 10.8 16.2

Manual Integrations
APPROVED

Sohil

2/11/2019 5:02:55 PM



#32

Benzoic acid

Concen: 41.811 ng

RT: 9.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

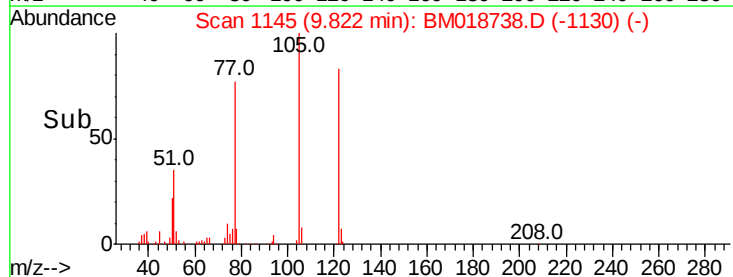
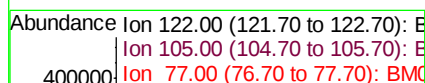
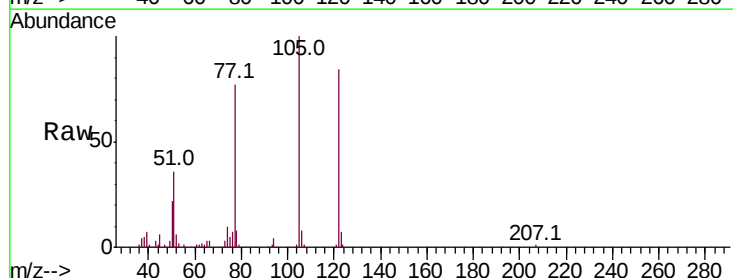
Tgt Ion:122 Resp: 302232

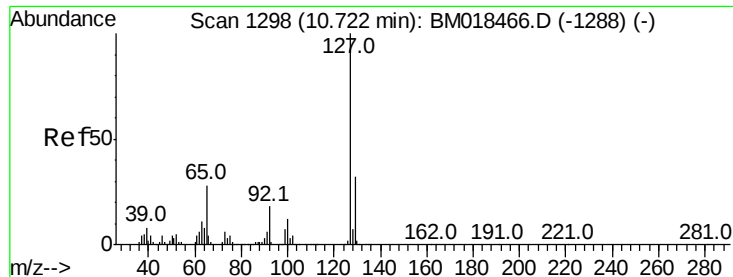
Ion Ratio Lower Upper

122 100

105 119.2 100.4 140.4

77 92.1 71.7 111.7





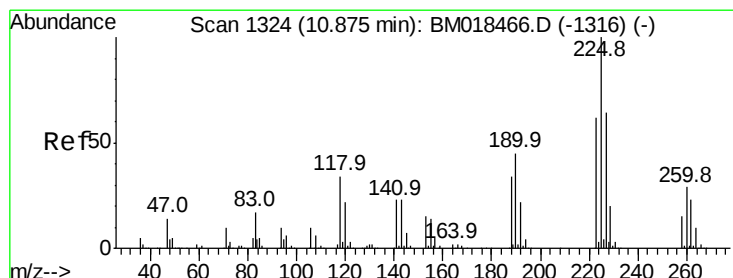
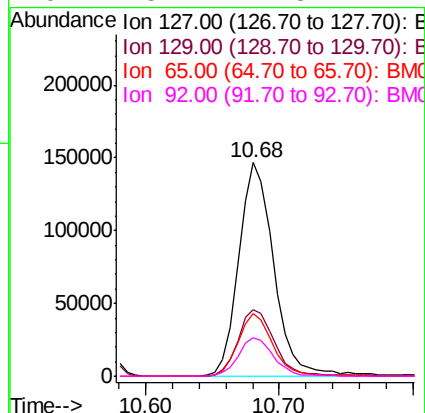
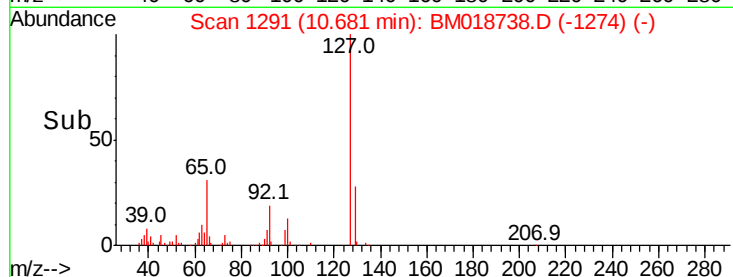
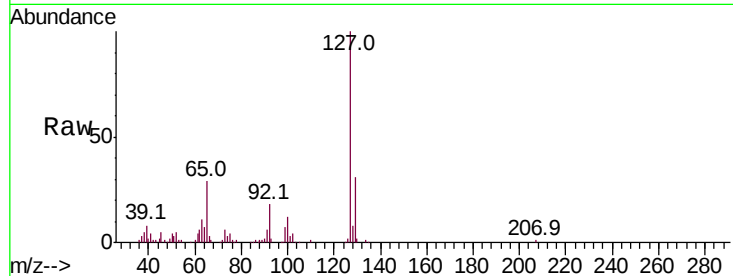
#33
4-Chloroaniline
Concen: 15.690 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	25.9	38.9	
65	29.5	23.4	35.2	
92	18.2	14.5	21.7	

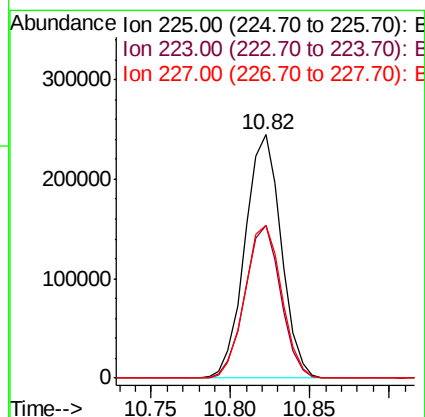
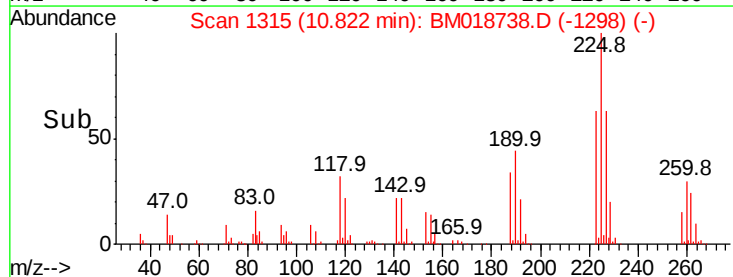
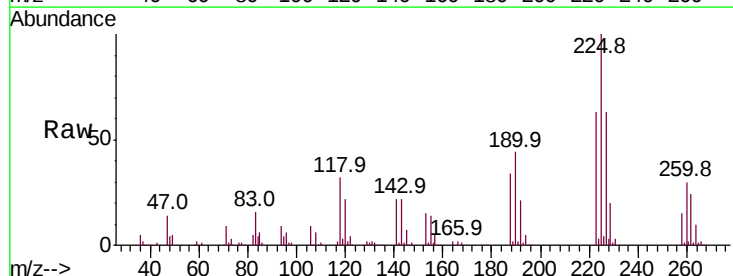
Manual Integrations
APPROVED

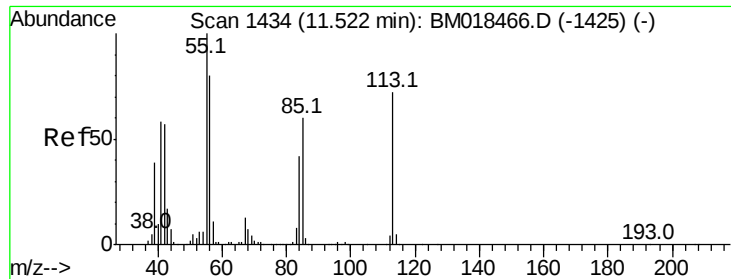
Sohil
2/11/2019 5:02:55 PM



#34
Hexachlorobutadiene
Concen: 37.860 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	50.8	76.2	
227	62.7	50.4	75.6	





#35

Caprolactam

Concen: 30.292 ng/ml

RT: 11.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

Tot Ion:113 Resp: 134788

Ion Ratio Lower Upper

113 100

55 159.1 139.3 179.3

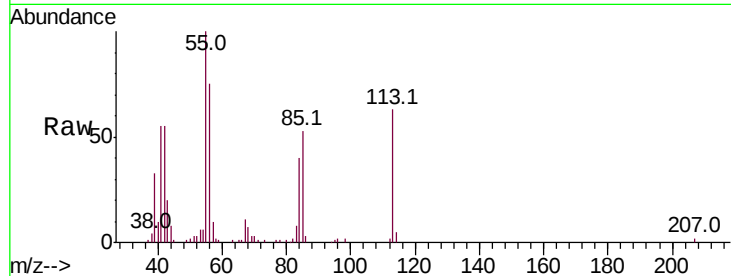
56 119.6 101.4 141.4

Manual Integrations

APPROVED

Sohil

2/11/2019 5:02:55 PM

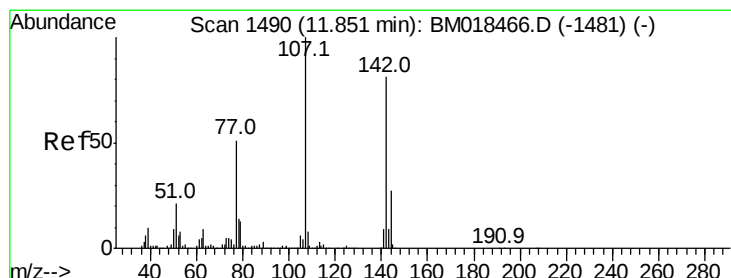
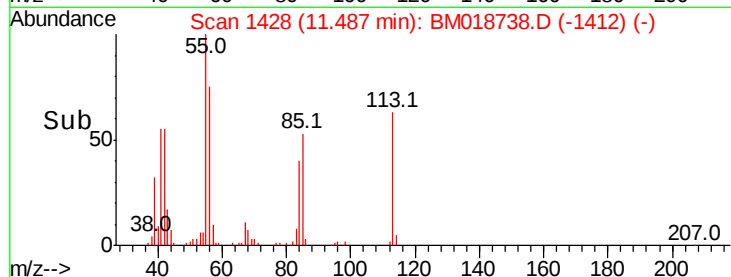
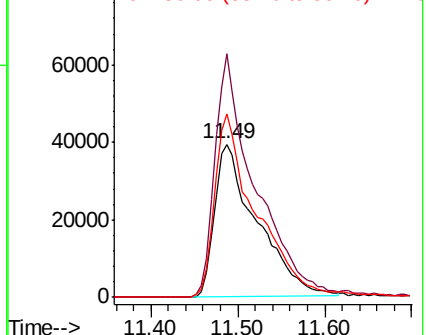


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 38.374 ng/ml

RT: 11.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

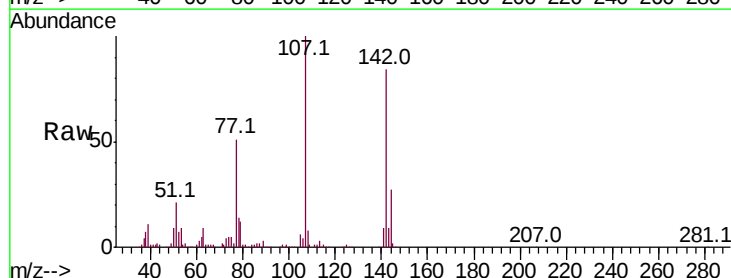
Tgt Ion:107 Resp: 526891

Ion Ratio Lower Upper

107 100

144 26.5 21.9 32.9

142 84.3 67.9 101.9

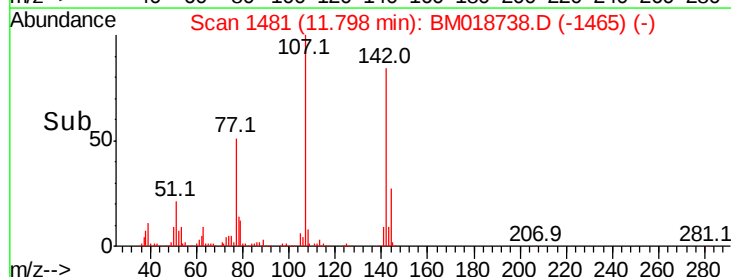
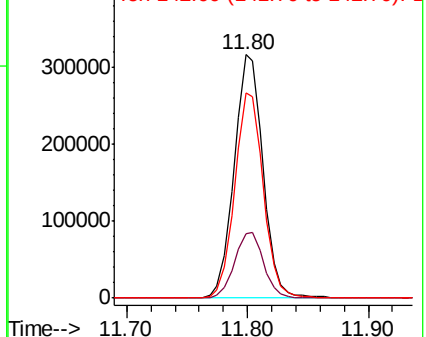


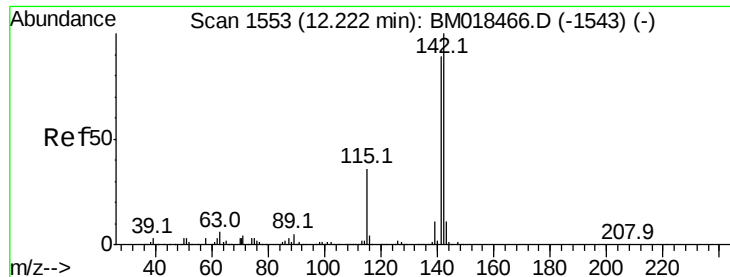
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





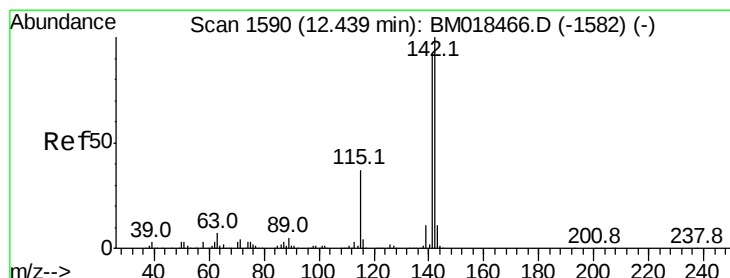
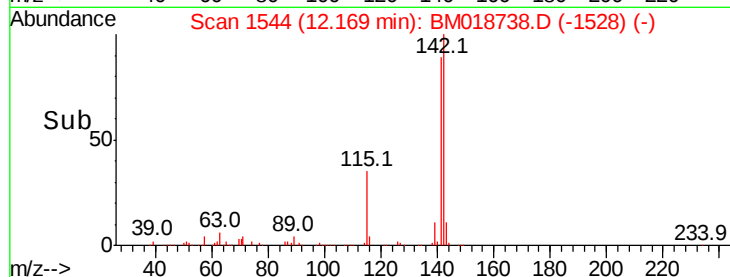
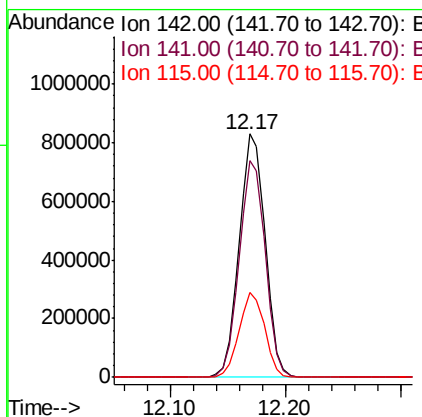
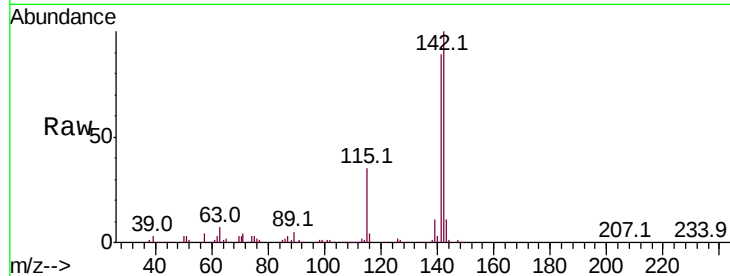
#37
2-Methylnaphthalene
Concen: 42.590 ng
RT: 12.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampled :
PB116909BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	35.0	28.0	42.0

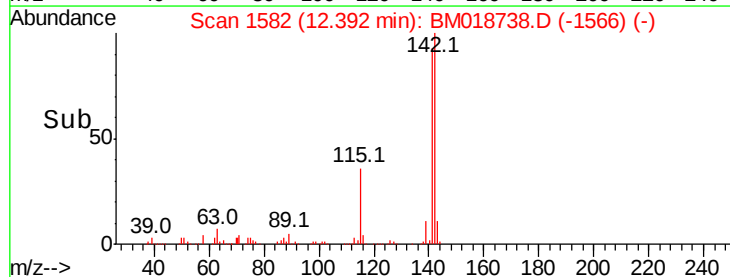
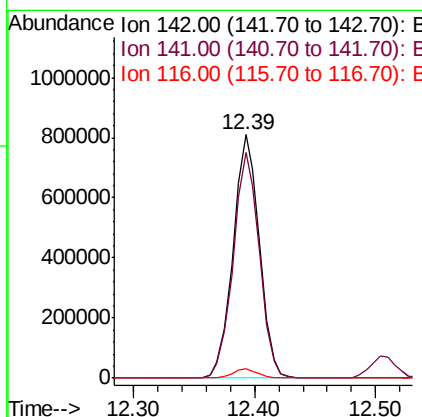
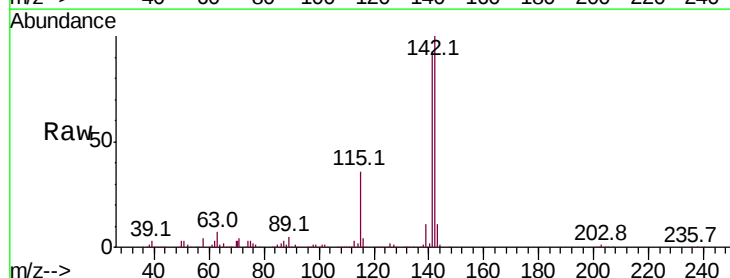
Manual Integrations
APPROVED

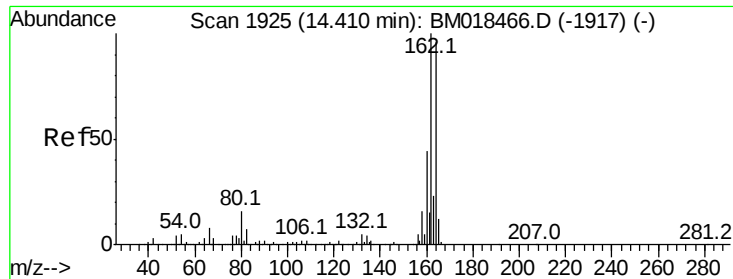
Sohil
2/11/2019 5:02:55 PM



#38
1-Methylnaphthalene
Concen: 41.468 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.6	113.4
116	3.6	3.0	4.6





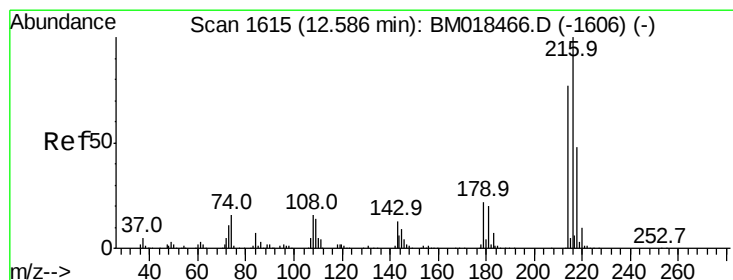
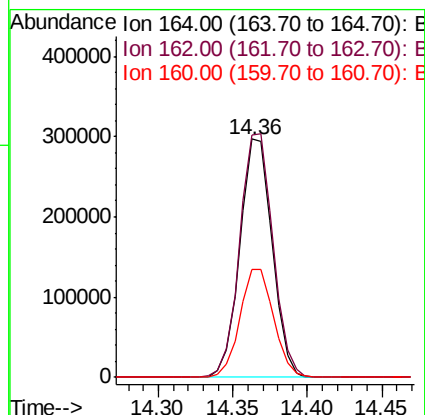
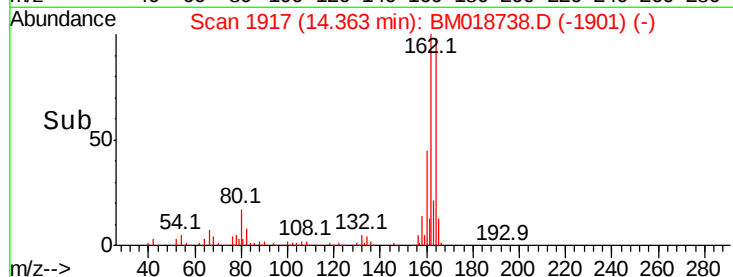
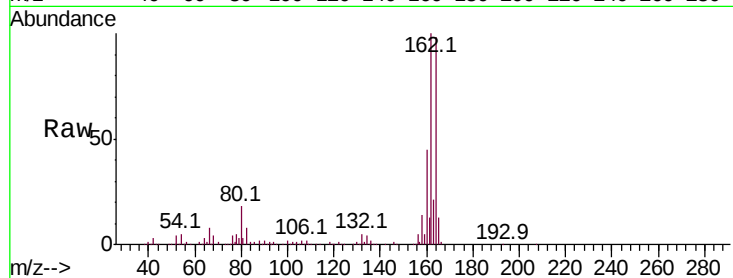
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.0	124.4
160	45.3	37.1	55.7

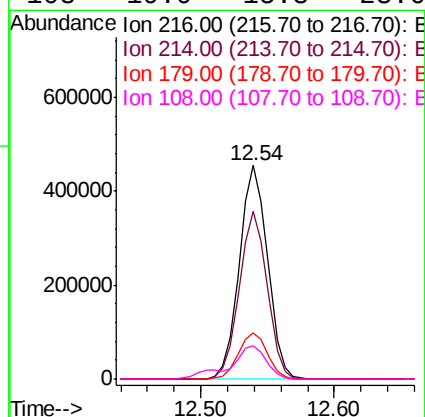
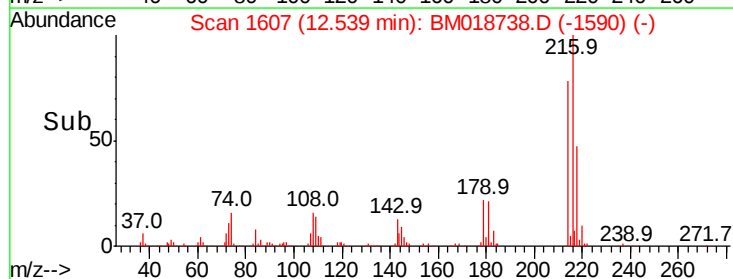
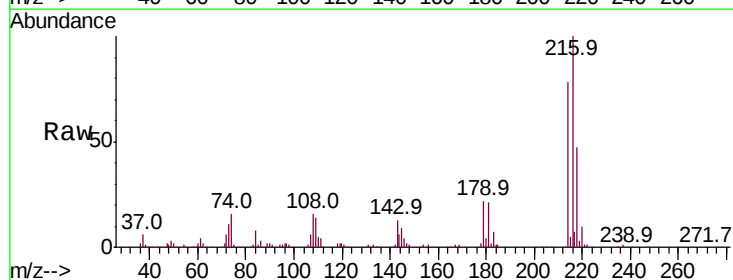
Manual Integrations
APPROVED

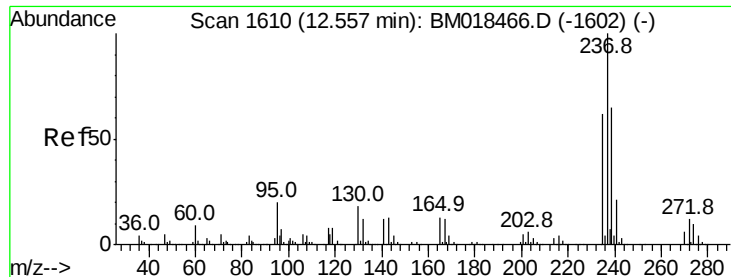
Sohil
2/11/2019 5:02:55 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.641 ng
RT: 12.54 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	63.4	95.0
179	22.1	17.9	26.9
108	19.9	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 102.647 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

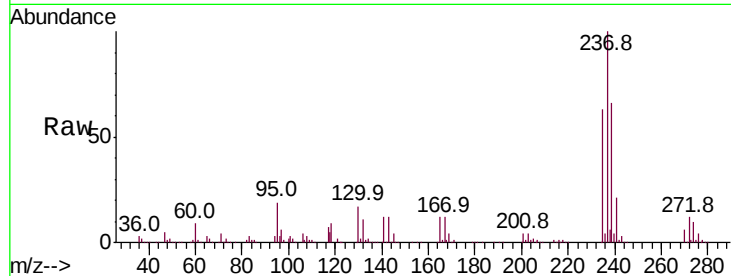
ClientSampleId :

PB116909BS

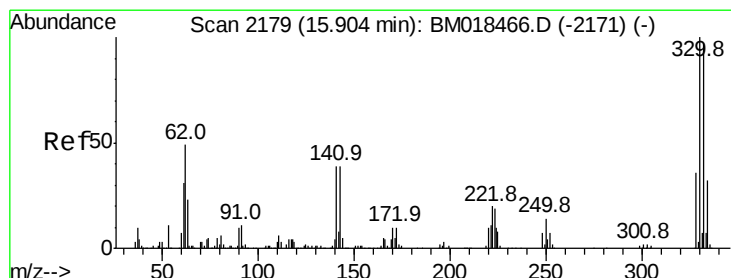
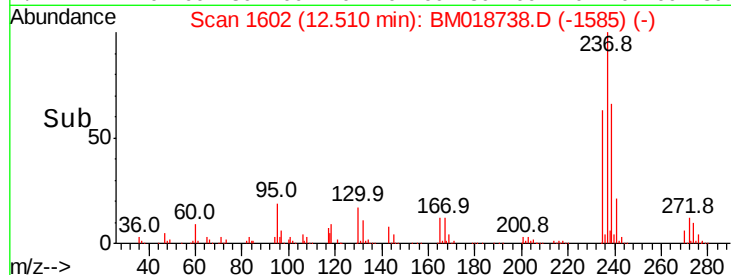
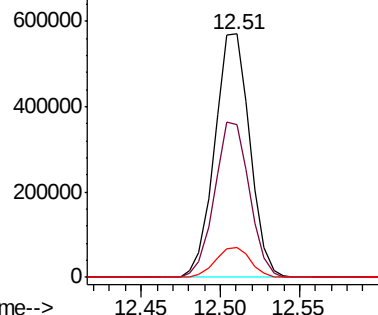
Tot Ion:	237	Resp:	878171
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.8	82.8
272	12.4	0.0	31.9

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 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: 139.816 ng

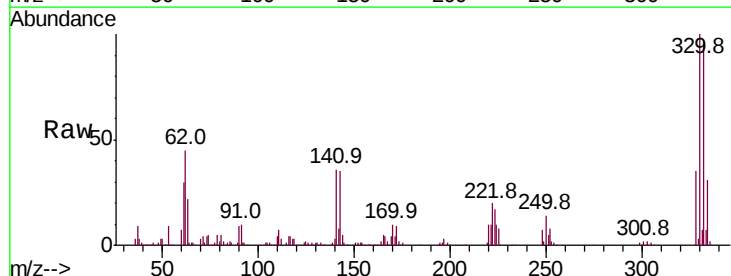
RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

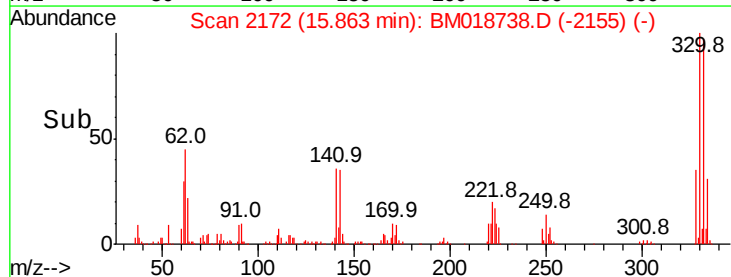
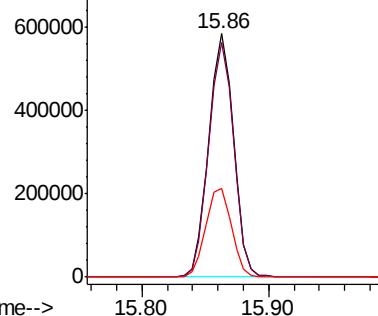
Lab File: BM018738.D

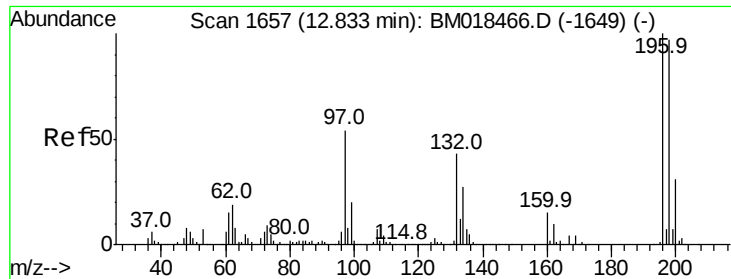
Acq: 07 Feb 2019 15:29

Tgt Ion:	330	Resp:	793570
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.6	116.4
141	37.7	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





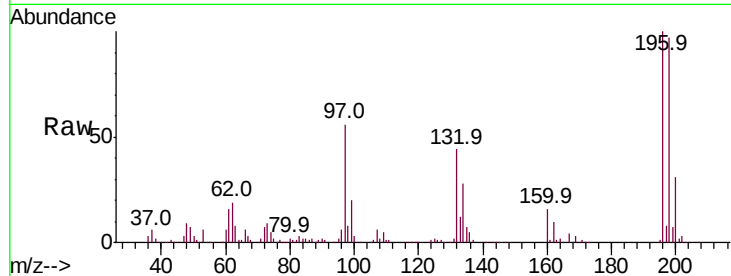
#43
 2,4,6-Trichlorophenol
 Concen: 43.944 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Instrument :
 BNA_M
 ClientSampled :
 PB116909BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	415978		
198	96.7	76.6	115.0	
200	30.9	24.2	36.4	

Manual Integrations
 APPROVED

Sohil
 2/11/2019 5:02:55 PM

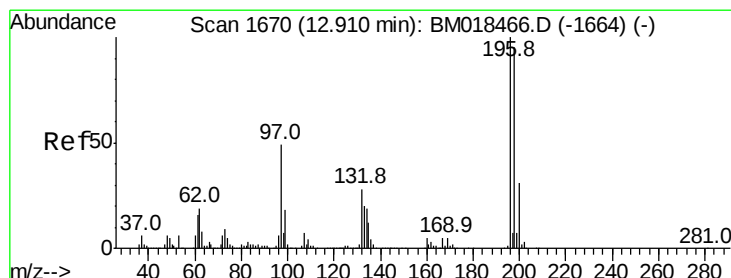
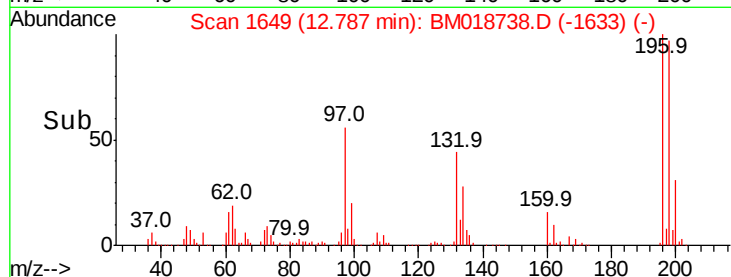
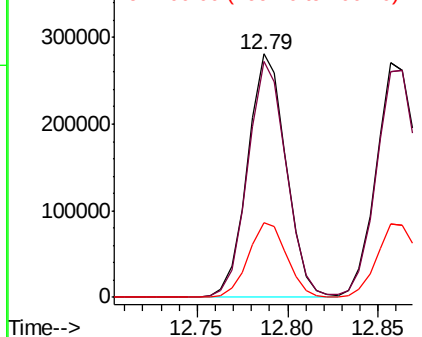


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.518 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	433245		
198	96.4	76.7	115.1	
97	48.1	39.2	58.8	
132	28.6	22.3	33.5	

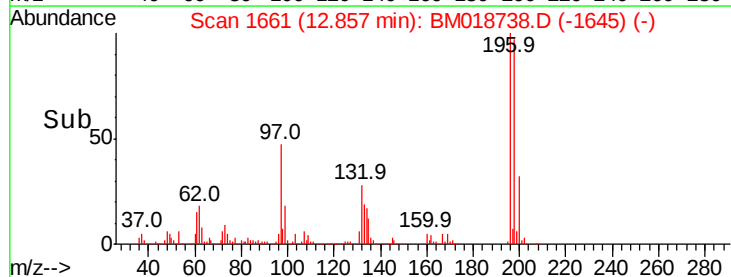
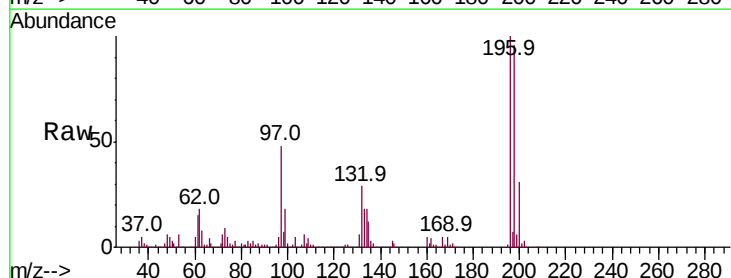
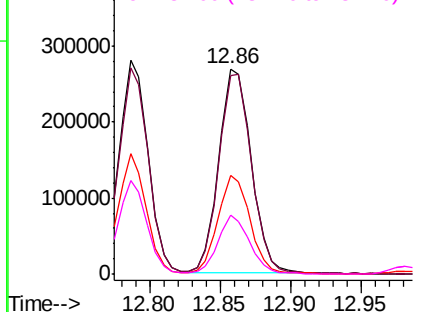
Abundance

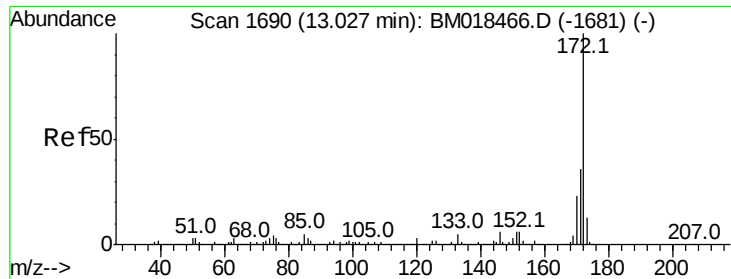
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E





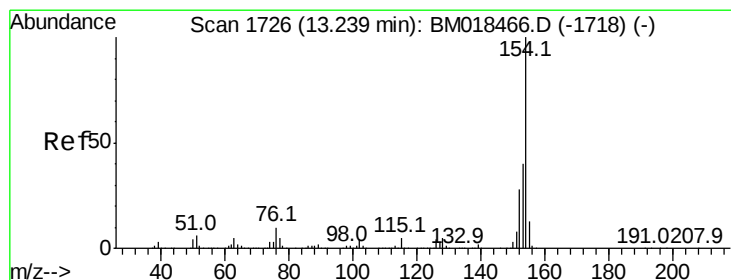
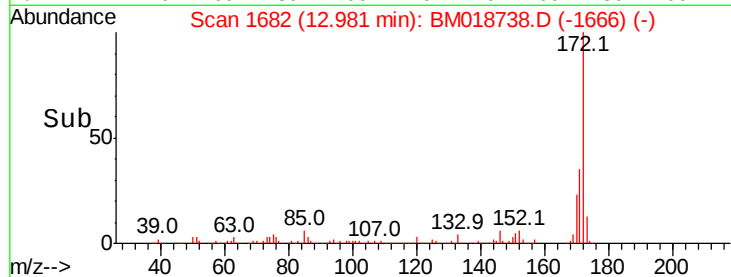
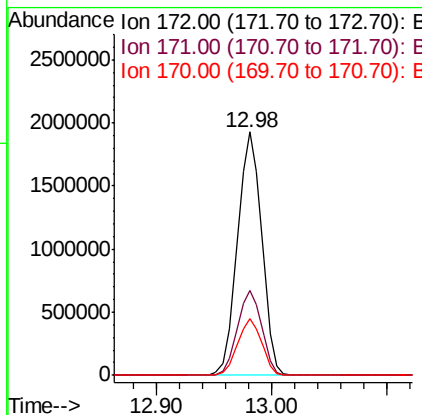
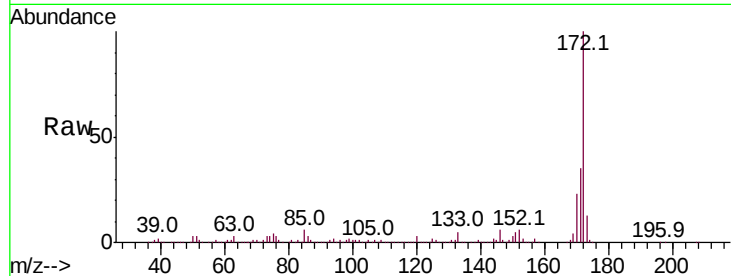
#45
2-Fluorobiphenyl
Concen: 81.834 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.2	18.9	28.3

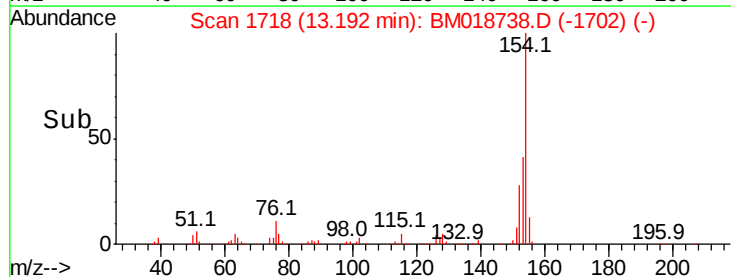
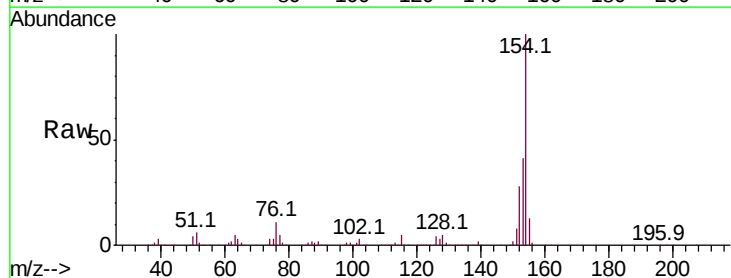
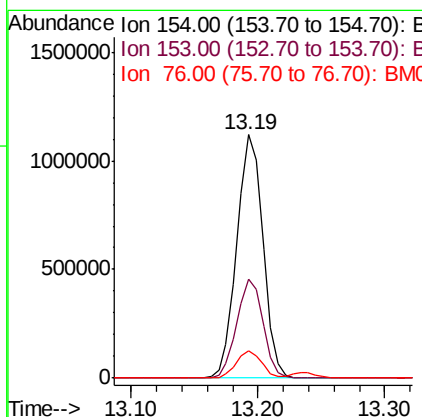
Manual Integrations
APPROVED

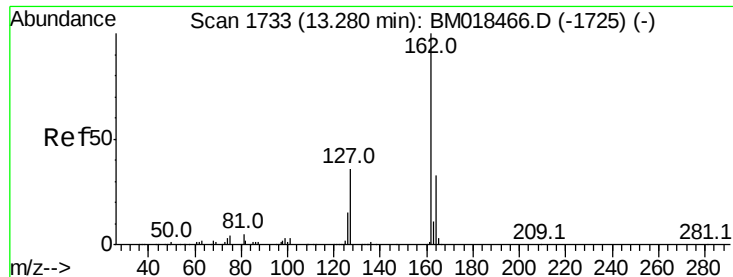
Sohil
2/11/2019 5:02:55 PM



#46
1,1'-Biphenyl
Concen: 41.067 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.5	60.5
76	11.3	0.0	31.9





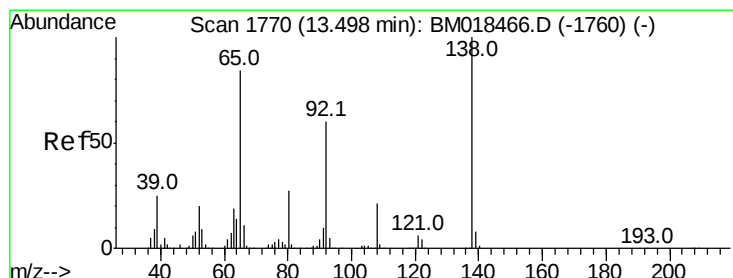
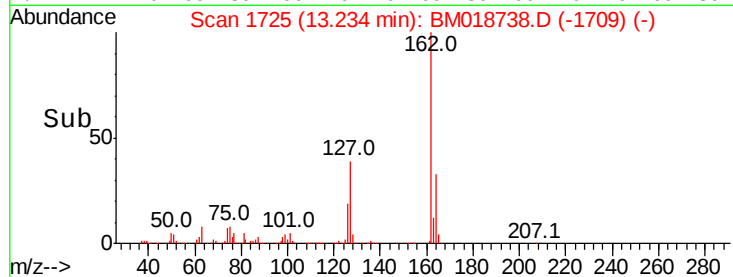
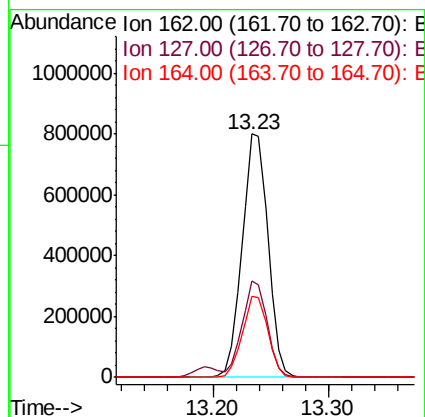
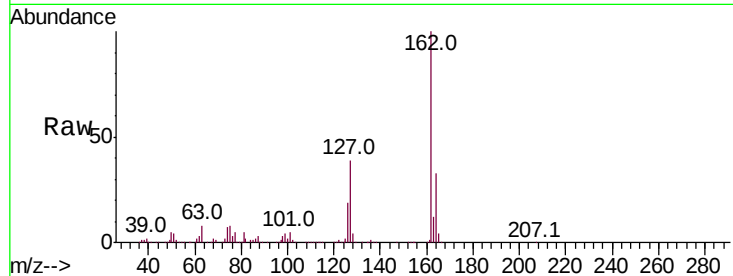
#47
2-Chloronaphthalene
Concen: 41.171 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.4	47.0
164	33.2	26.2	39.4

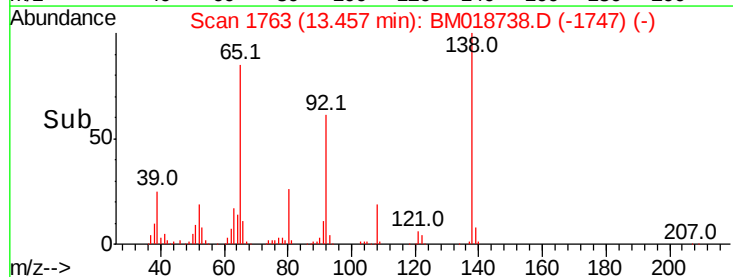
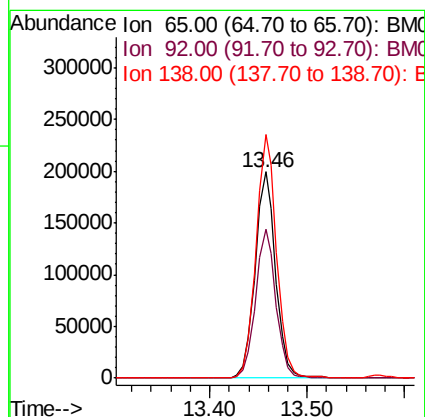
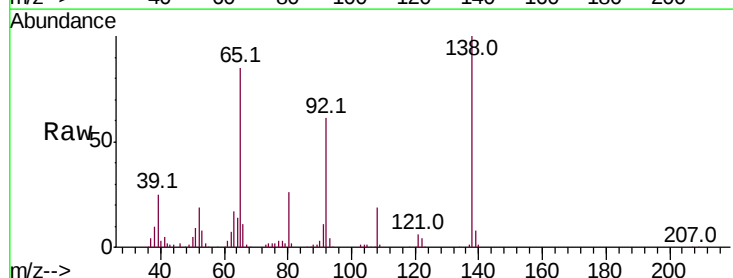
Manual Integrations
APPROVED

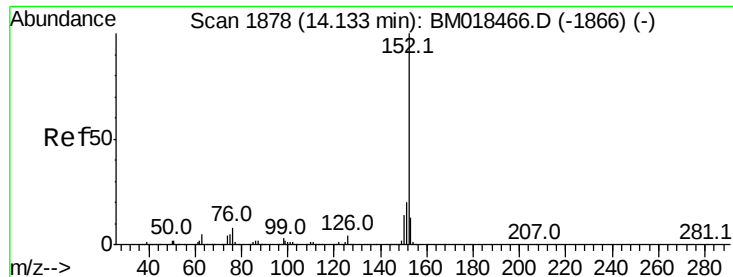
Sohil
2/11/2019 5:02:55 PM



#48
2-Nitroaniline
Concen: 39.816 ng
RT: 13.46 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.2	53.4	80.2
138	118.1	88.9	133.3





#49

Acenaphthylene

Concen: 43.607 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

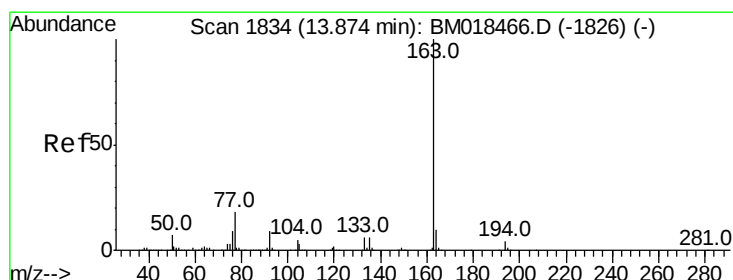
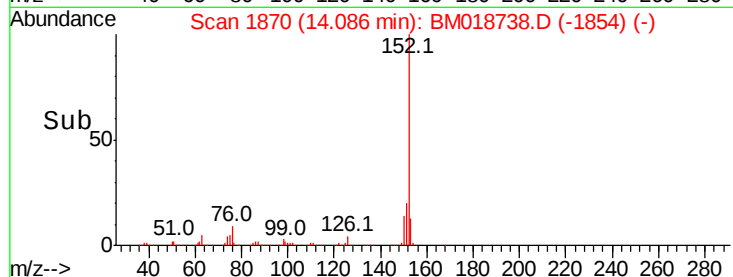
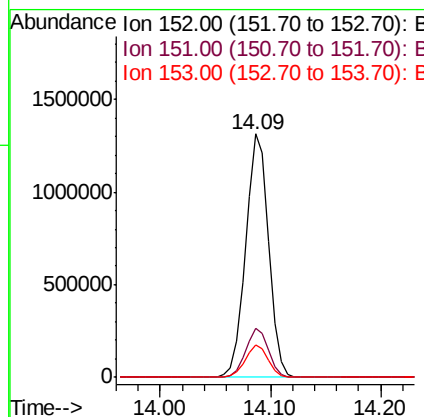
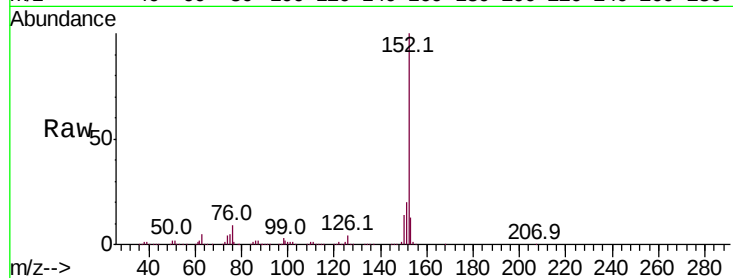
ClientSampleId :

PB116909BS

Tot Ion:	152	Resp:	1918073
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.1	10.5	15.7

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM



#50

Dimethylphthalate

Concen: 38.809 ng

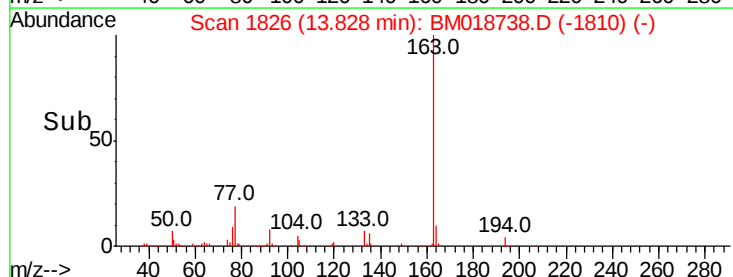
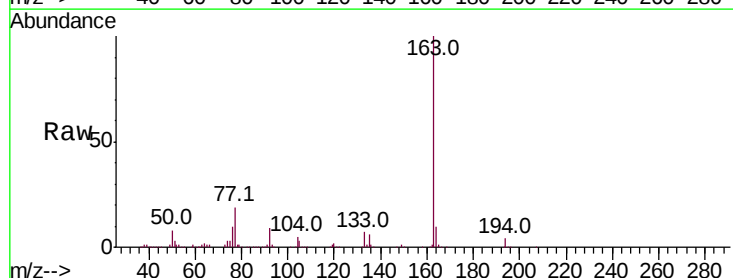
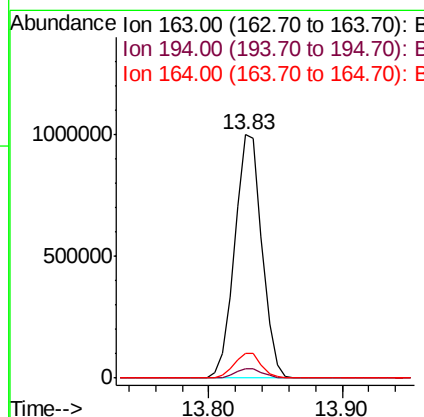
RT: 13.83 min Scan# 1826

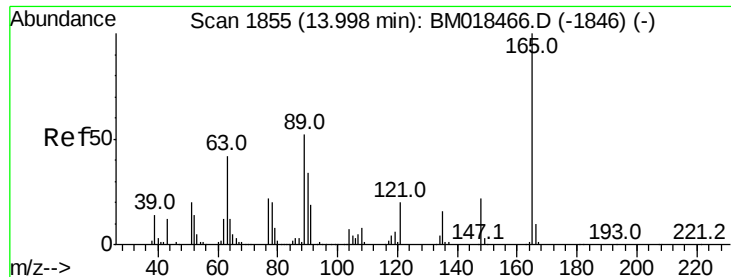
Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:	163	Resp:	1420762
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.3	7.8	11.8





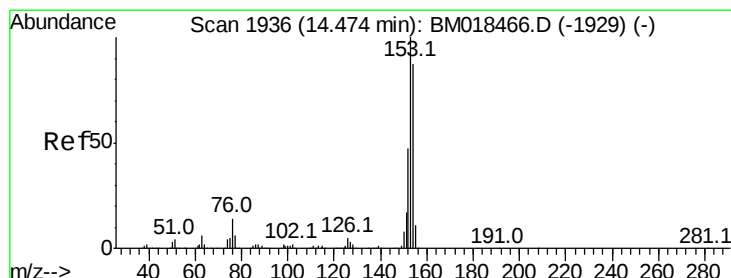
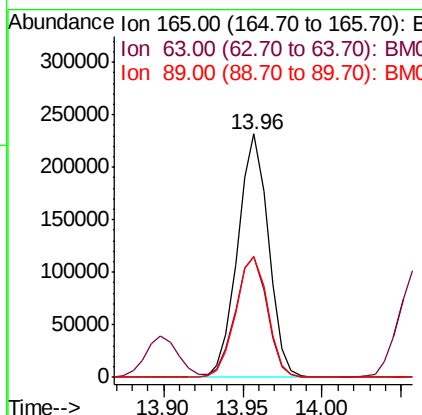
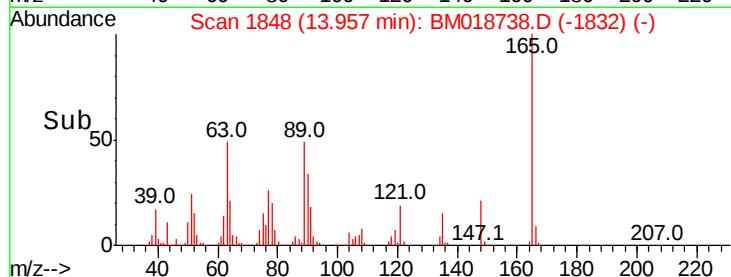
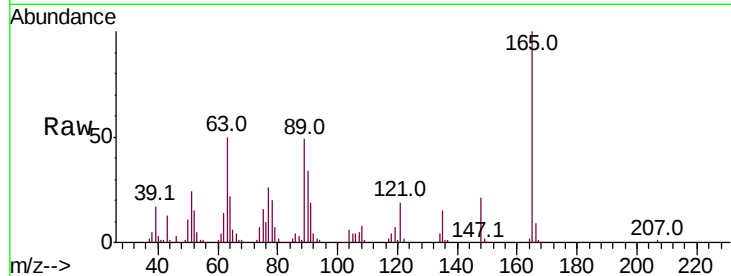
#51
2,6-Dinitrotoluene
Concen: 40.230 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	311972		
63	49.6		45.6	68.4
89	49.4		44.6	66.8

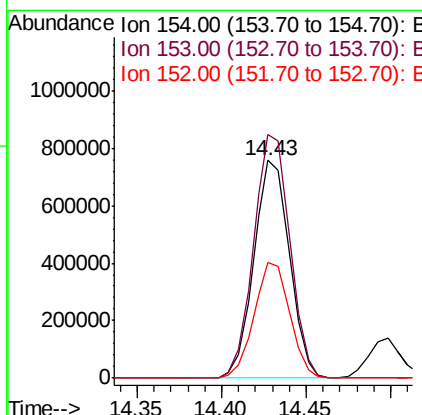
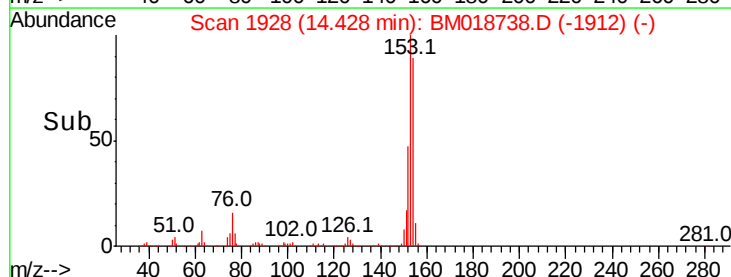
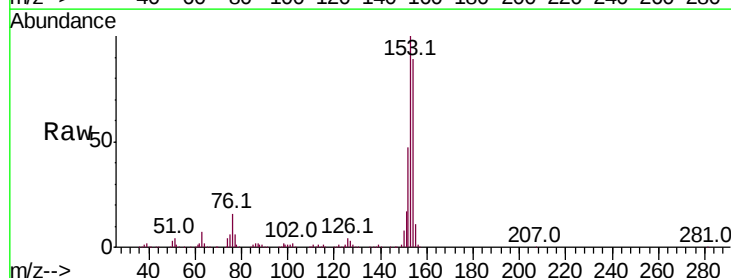
Manual Integrations
APPROVED

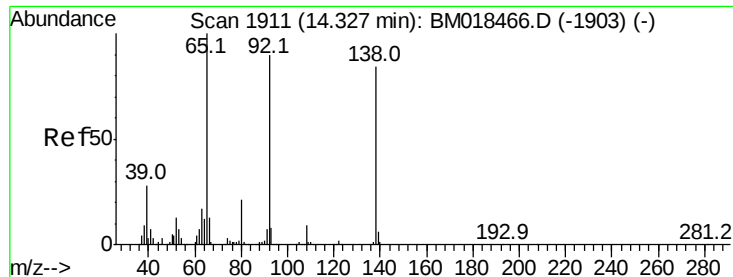
Sohil
2/11/2019 5:02:55 PM



#52
Acenaphthene
Concen: 41.349 ng
RT: 14.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1112826		
153	111.8		92.3	138.5
152	52.9		43.8	65.6





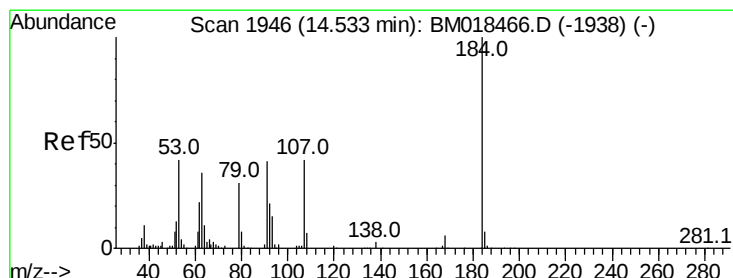
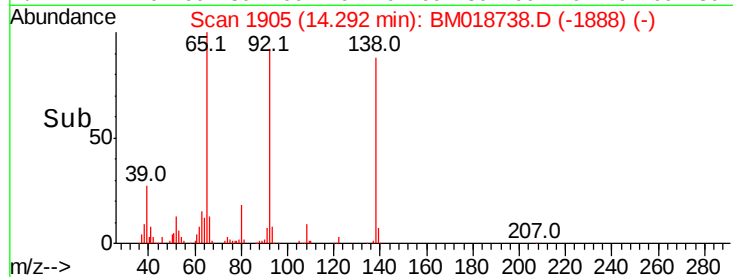
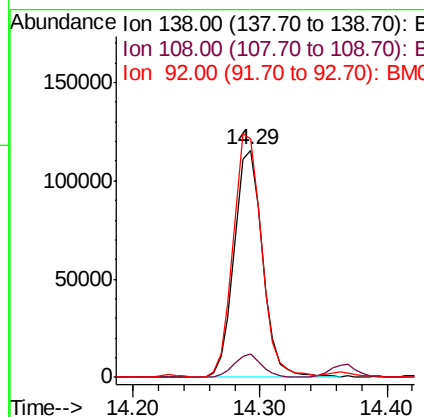
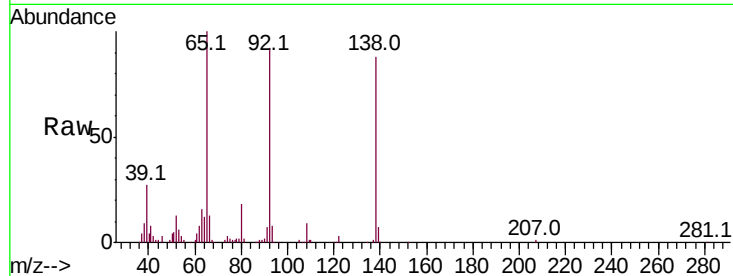
#53
3-Nitroaniline
Concen: 22.942 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	105.1	88.2	132.2

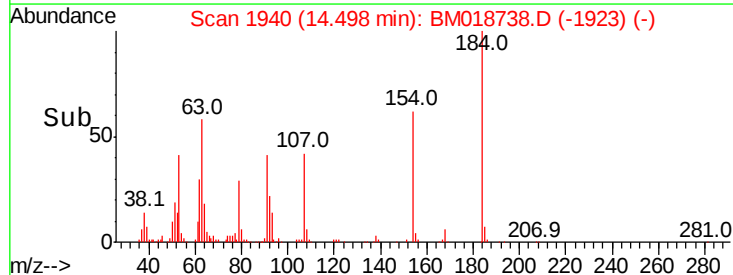
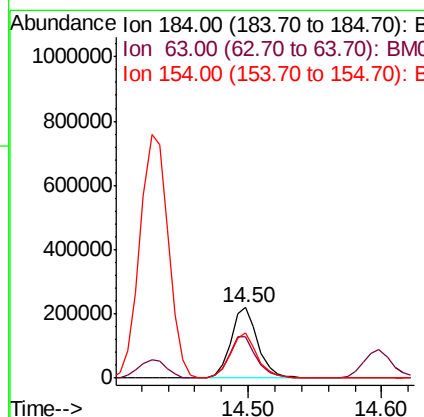
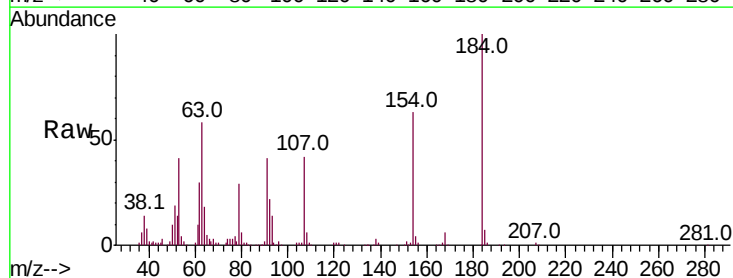
Manual Integrations
APPROVED

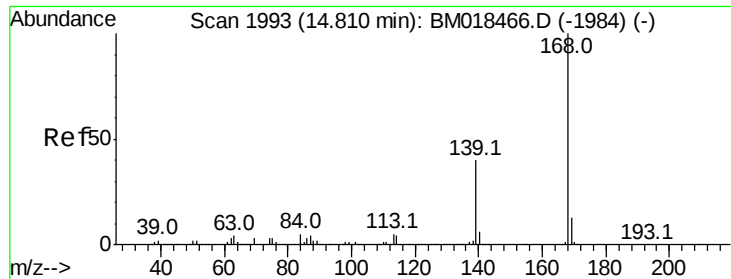
Sohil
2/11/2019 5:02:55 PM



#54
2,4-Dinitrophenol
Concen: 74.669 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	55.9	83.9
154	63.4	54.2	81.4





#55

Dibenzofuran

Concen: 39.514 ng

RT: 14.77 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

ClientSampleId :

PB116909BS

Tot Ion:168 Resp: 1757103

Ion Ratio Lower Upper

168 100

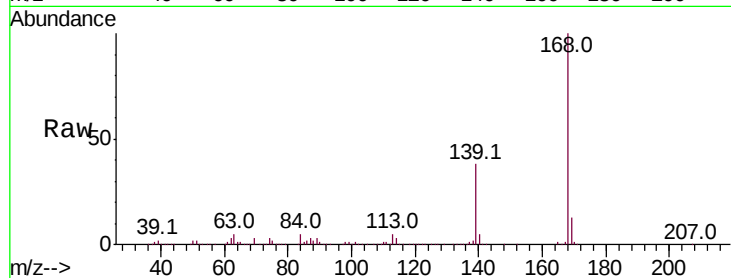
139 37.8 30.3 45.5

169 13.1 10.6 16.0

Manual Integrations
APPROVED

Sohil

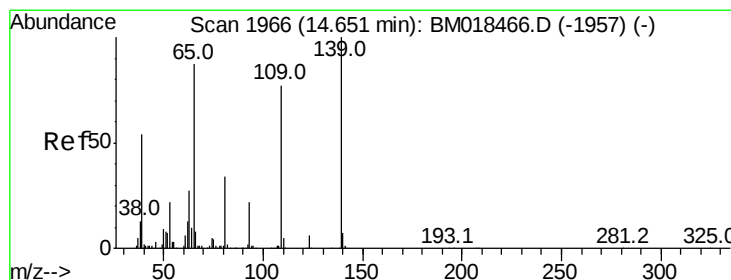
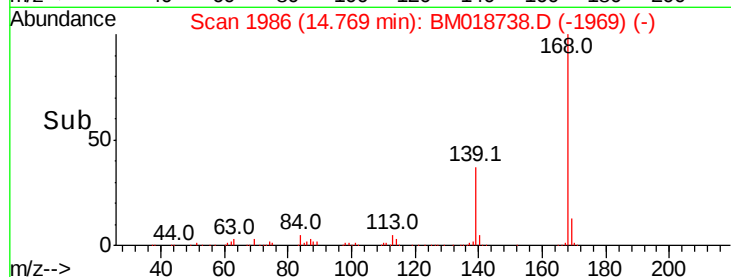
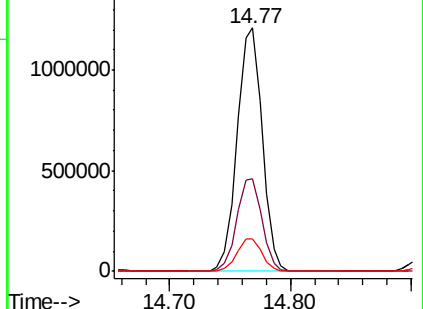
2/11/2019 5:02:55 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 73.431 ng

RT: 14.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

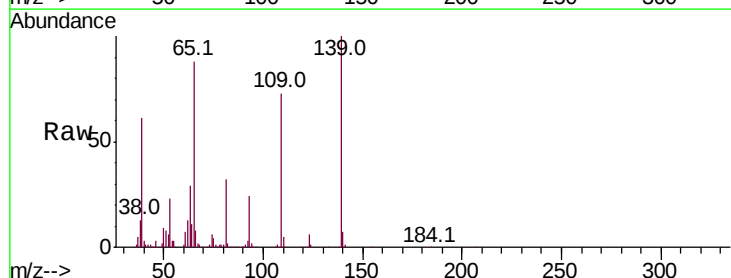
Tgt Ion:139 Resp: 495955

Ion Ratio Lower Upper

139 100

109 72.7 51.7 91.7

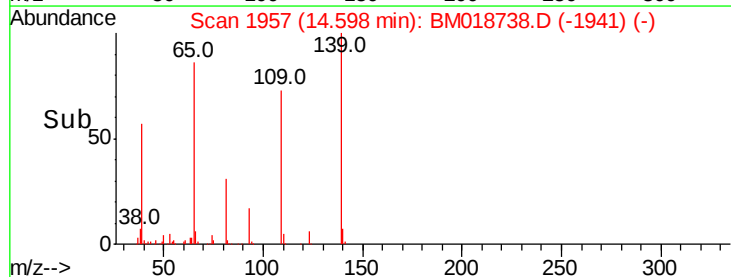
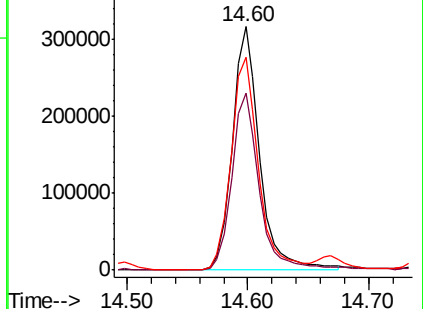
65 87.5 71.4 111.4

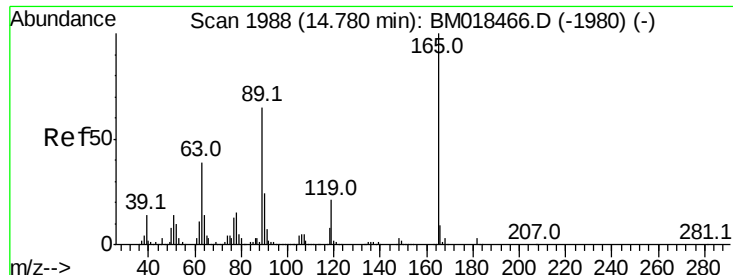


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#57

2,4-Dinitrotoluene

Concen: 37.736 ng

RT: 14.75 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

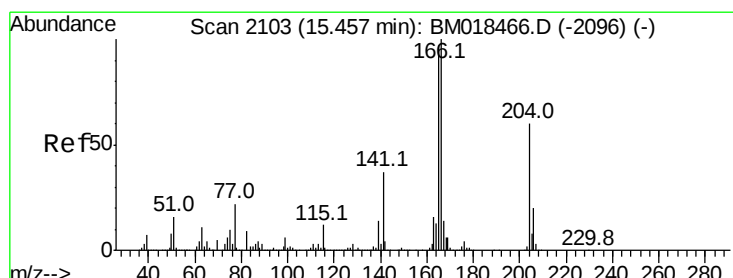
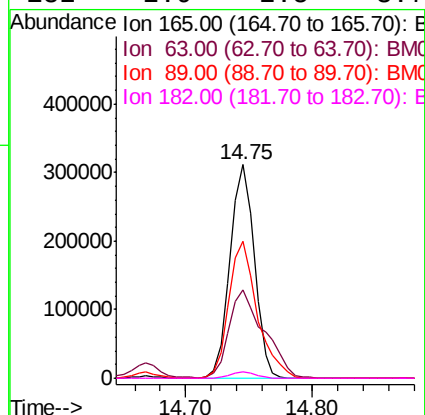
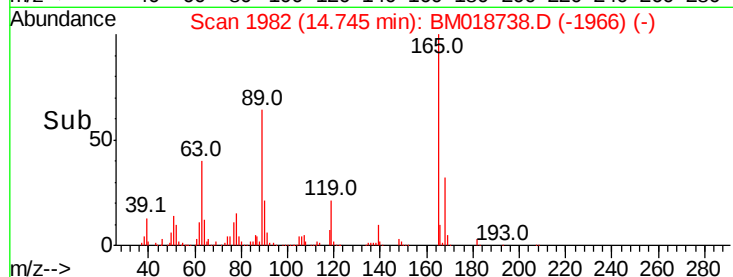
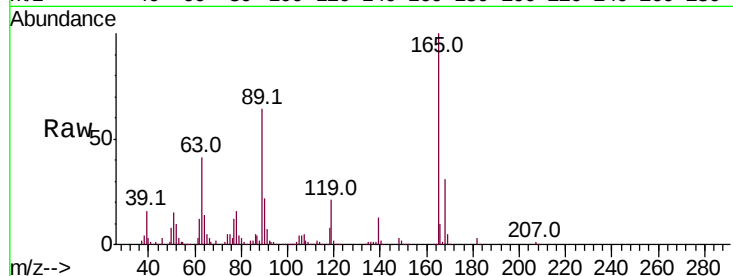
ClientSampleId :

PB116909BS

Tot Ion:	165	Resp:	414039
Ion Ratio	Lower	Upper	
165	100		
63	41.4	32.2	48.2
89	64.2	52.1	78.1
182	2.9	2.5	3.7

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM



#58

Fluorene

Concen: 41.654 ng

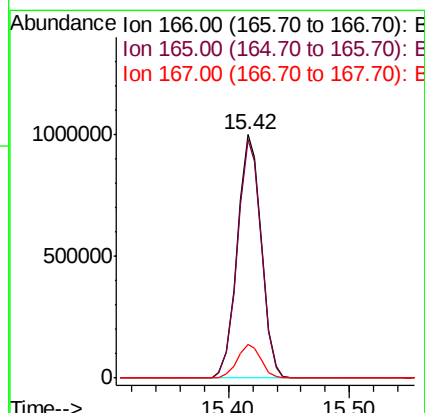
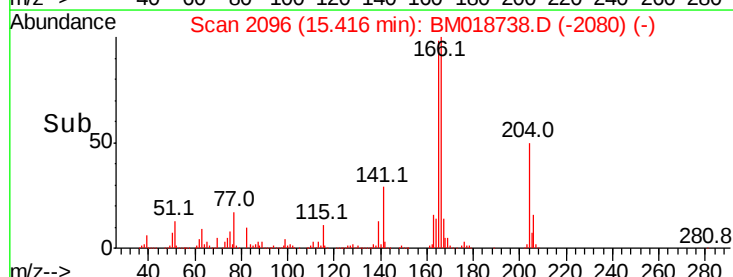
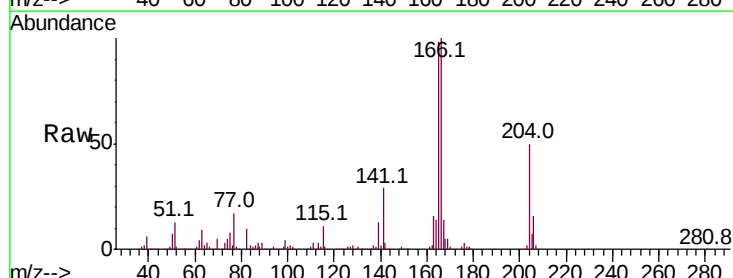
RT: 15.42 min Scan# 2096

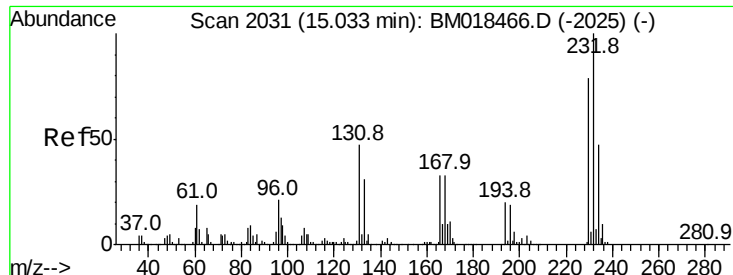
Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:	166	Resp:	1379794
Ion Ratio	Lower	Upper	
166	100		
165	98.0	78.3	117.5
167	13.7	10.9	16.3





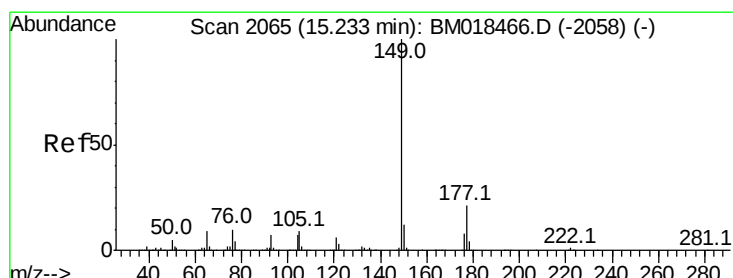
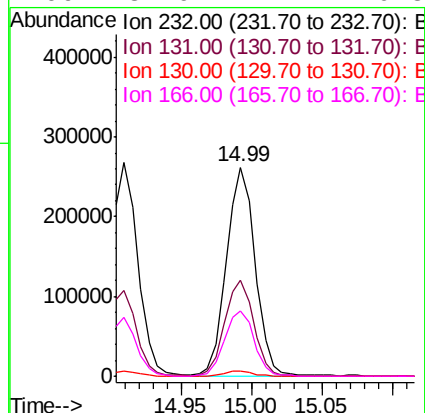
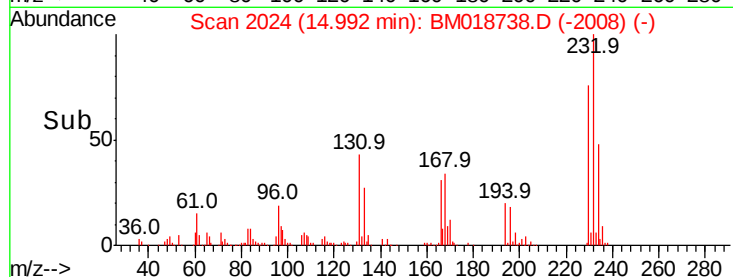
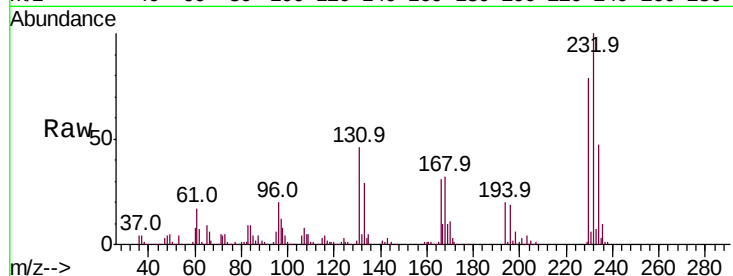
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.649 ng
RT: 14.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	46.3	38.6	57.8
130	2.4	2.2	3.4
166	32.9	27.2	40.8

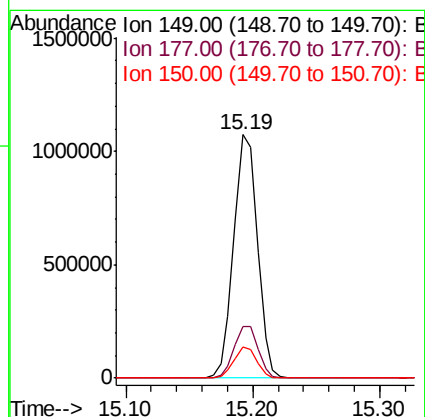
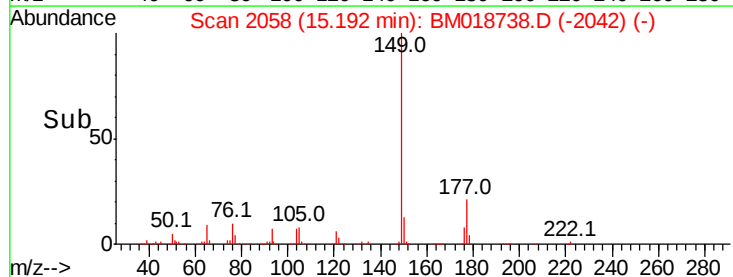
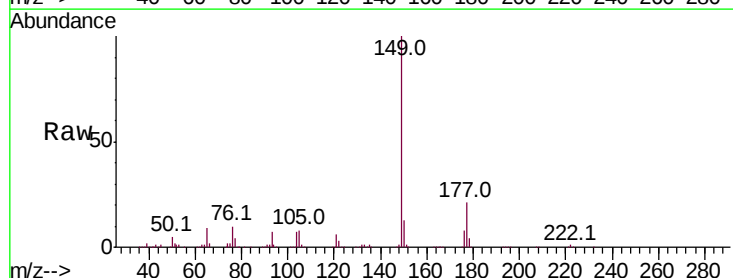
Manual Integrations
APPROVED

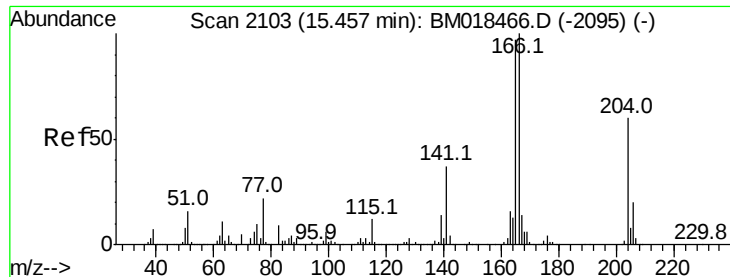
Sohil
2/11/2019 5:02:55 PM



#60
Diethylphthalate
Concen: 37.455 ng
RT: 15.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.4	17.1	25.7
150	12.6	9.8	14.6





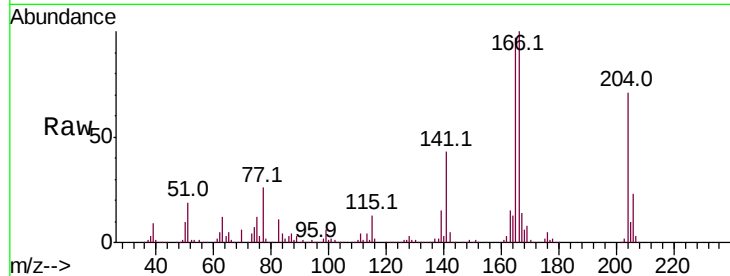
#61
4-Chlorophenyl-phenylether
Concen: 37.346 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.8	38.6
141	60.8	49.5	74.3

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM

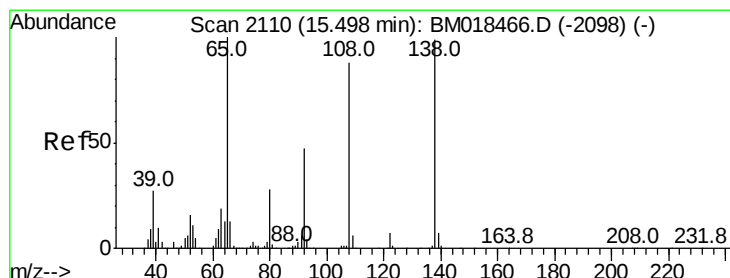
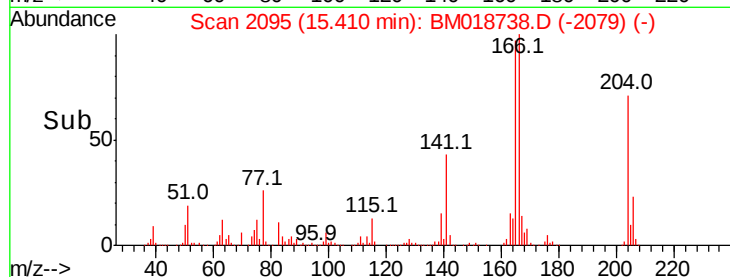
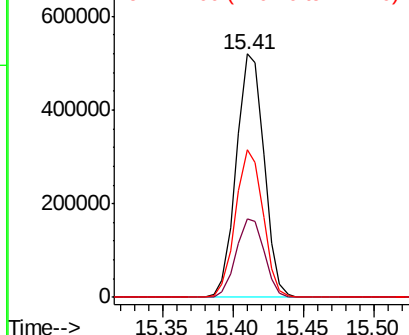


Abundance

Ion 204.00 (203.70 to 204.70): E

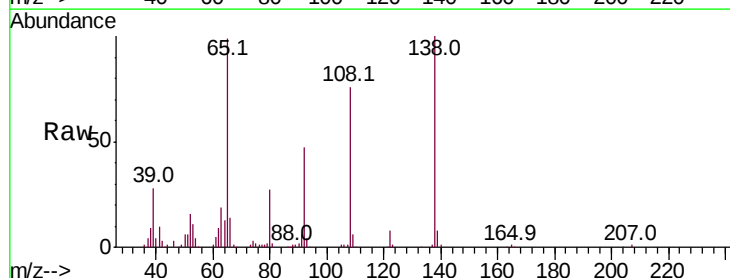
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 31.433 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.1	29.0	69.0
108	76.3	63.9	103.9

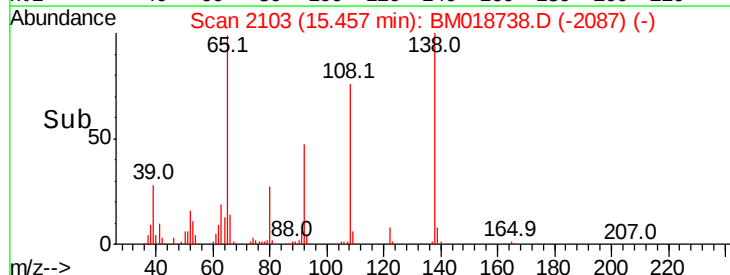
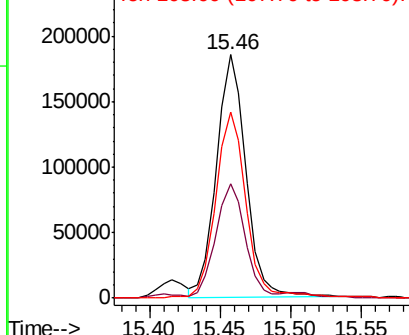


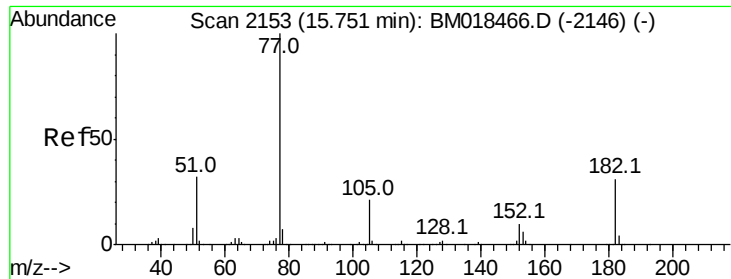
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





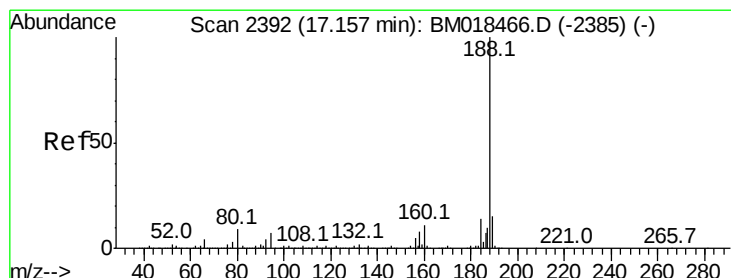
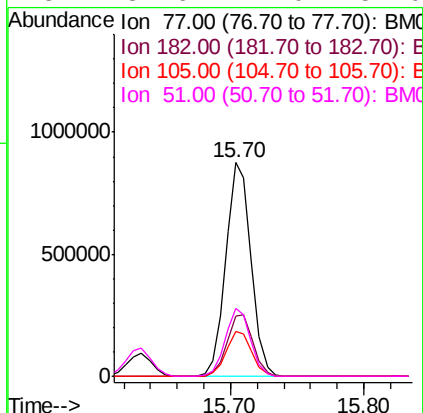
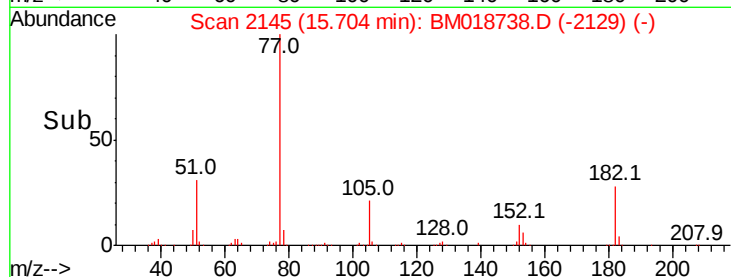
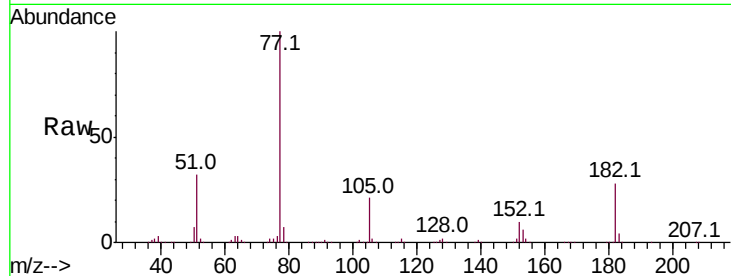
#63
Azobenzene
Concen: 38.504 ng
RT: 15.70 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	7.4	47.4
105	20.9	0.0	39.6
51	31.6	12.0	52.0

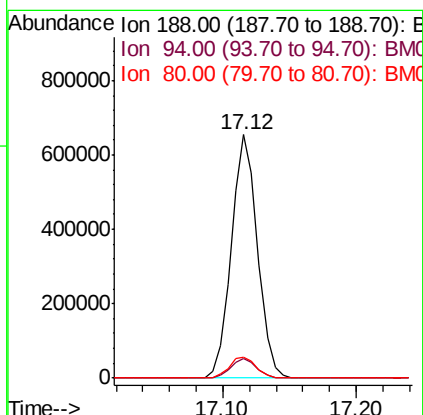
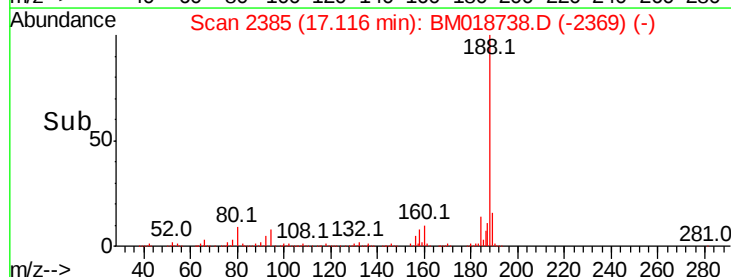
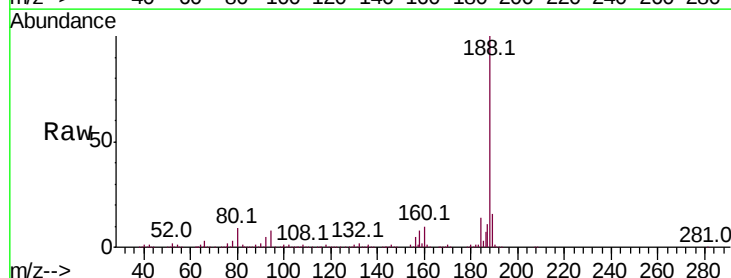
Manual Integrations
APPROVED

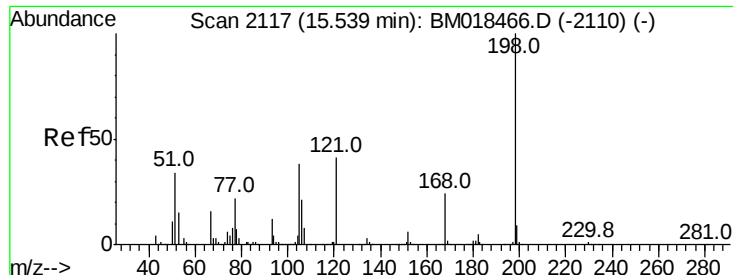
Sohil
2/11/2019 5:02:55 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	8.5	7.6	11.4





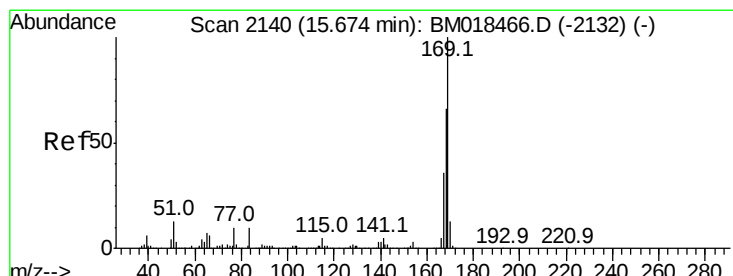
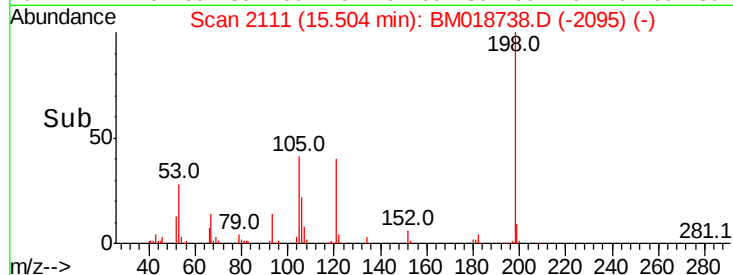
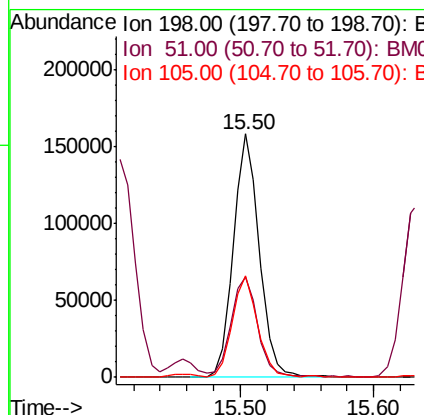
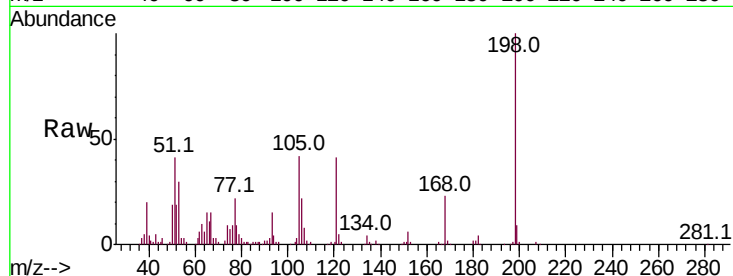
#65
4,6-Dinitro-2-methylphenol
Concen: 38.958 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	214592		
51	41.3	29.6	69.6	
105	41.6	25.5	65.5	

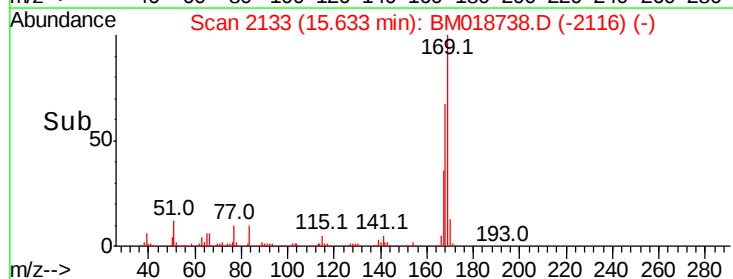
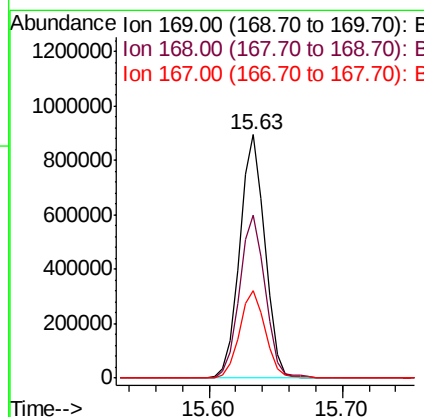
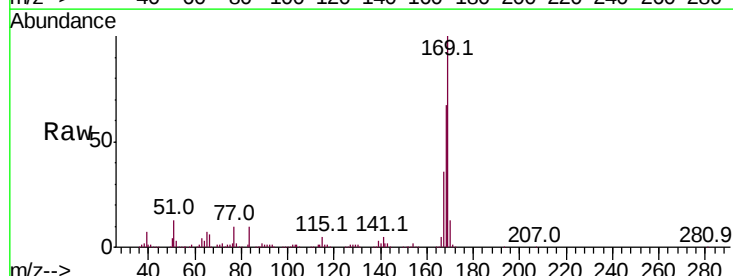
Manual Integrations
APPROVED

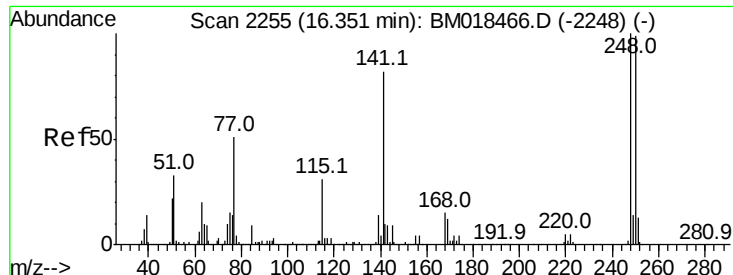
Sohil
2/11/2019 5:02:55 PM



#66
n-Nitrosodiphenylamine
Concen: 42.201 ng
RT: 15.63 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1165496		
168	66.8	54.1	81.1	
167	36.0	28.6	42.8	





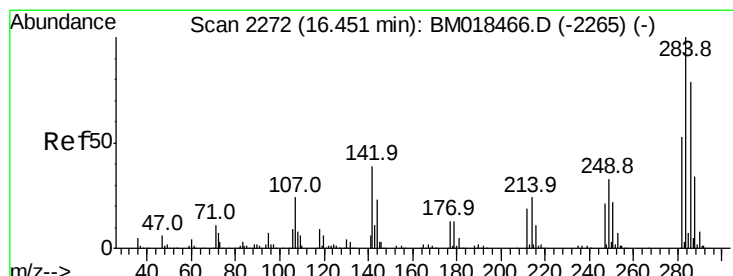
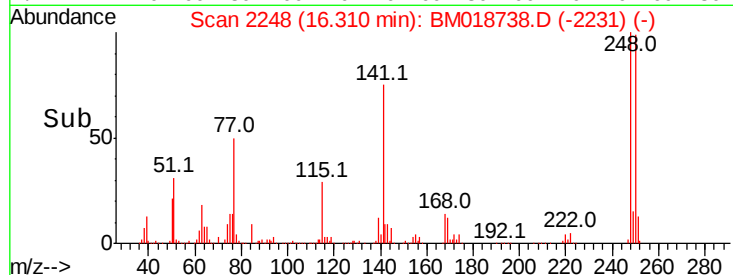
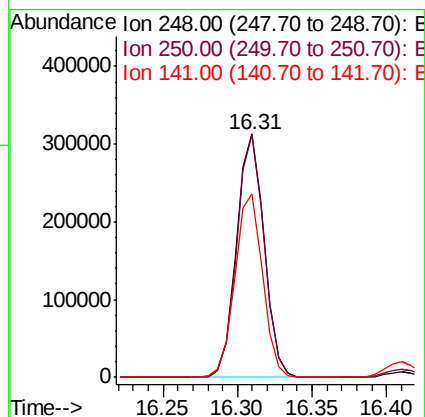
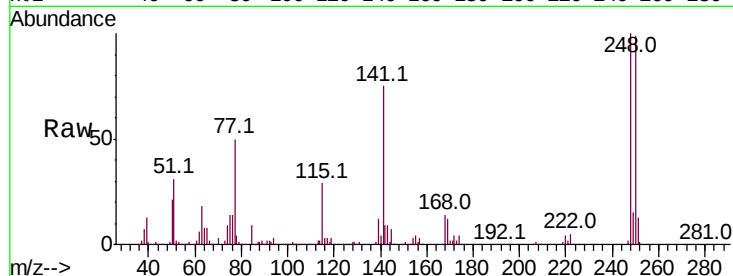
#67
4-Bromophenyl-phenylether
Concen: 40.527 ng
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.0	114.0
141	75.3	61.5	92.3

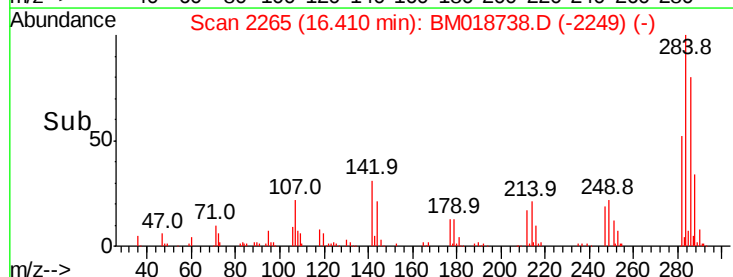
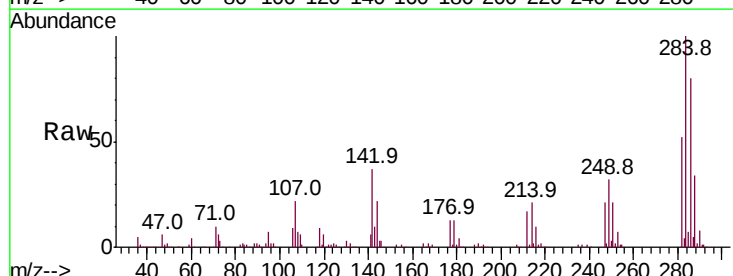
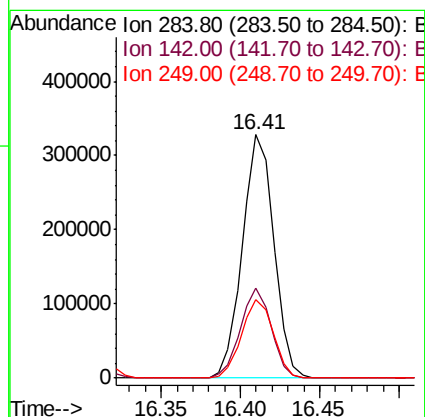
Manual Integrations
APPROVED

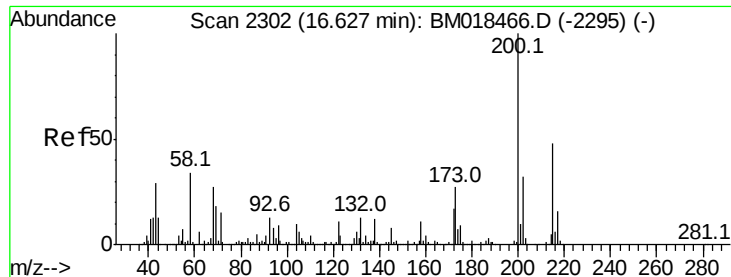
Sohil
2/11/2019 5:02:55 PM



#68
Hexachlorobenzene
Concen: 40.604 ng
RT: 16.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	29.2	43.8
249	32.3	26.1	39.1





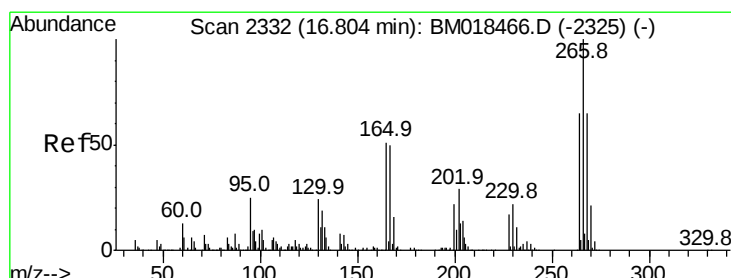
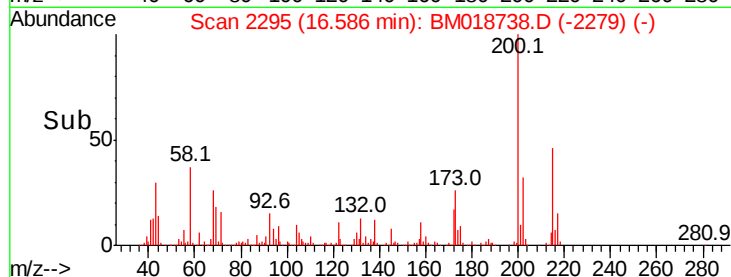
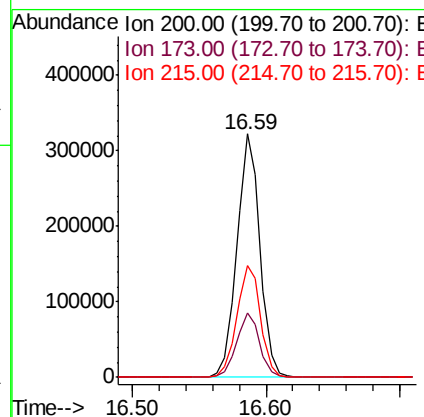
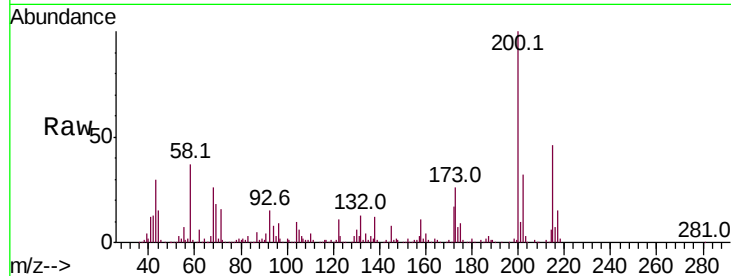
#69
Atrazine
Concen: 38.873 ng
RT: 16.59 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	7.2	47.2
215	46.1	28.3	68.3

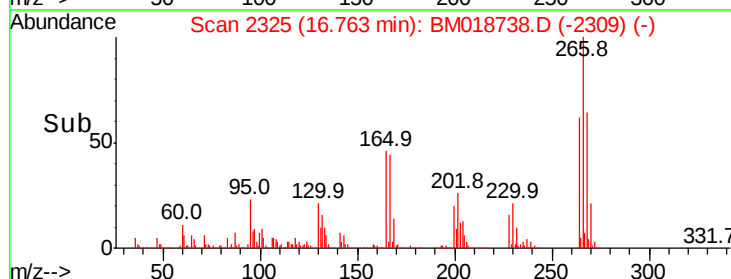
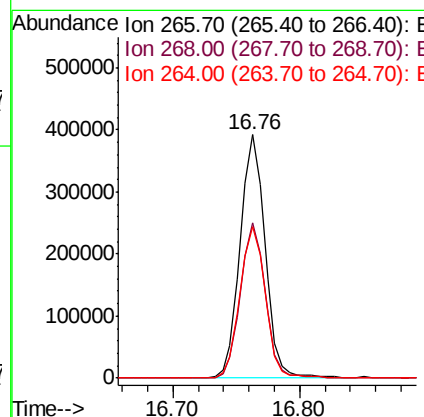
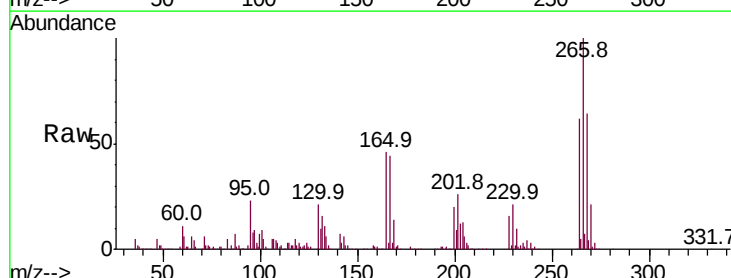
Manual Integrations
APPROVED

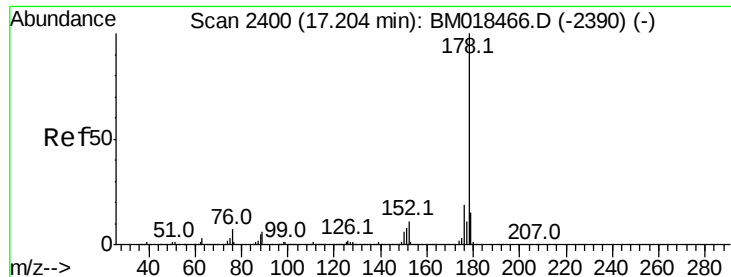
Sohil
2/11/2019 5:02:55 PM



#70
Pentachlorophenol
Concen: 73.137 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.6	49.8	74.6
264	62.2	50.1	75.1





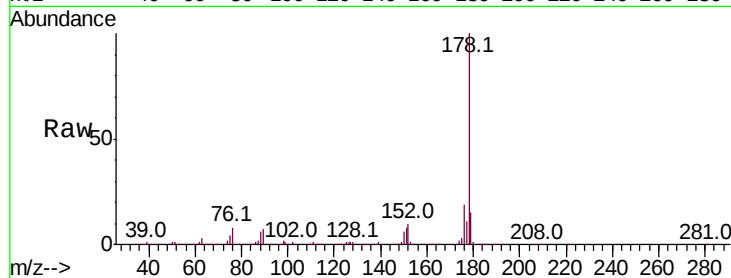
#71
Phenanthrene
Concen: 42.866 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.2	12.2	18.4

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM

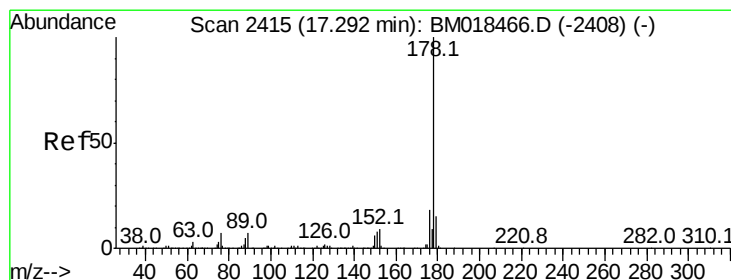
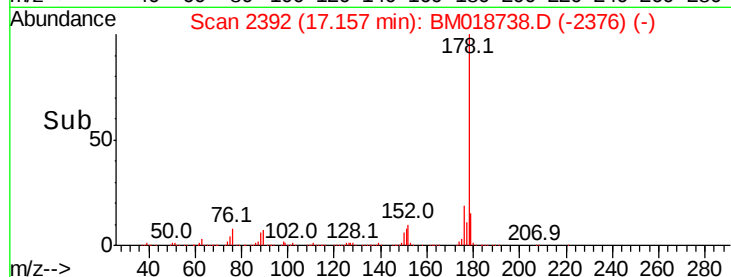
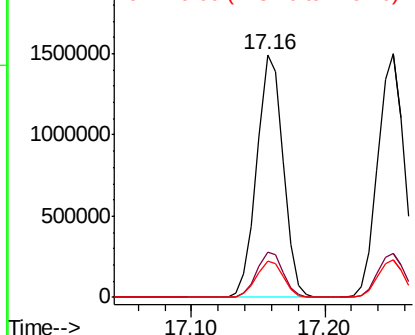


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 45.150 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

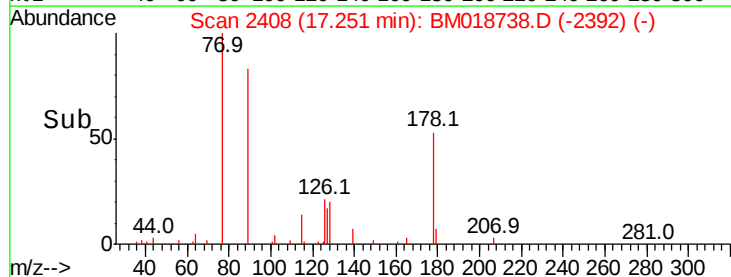
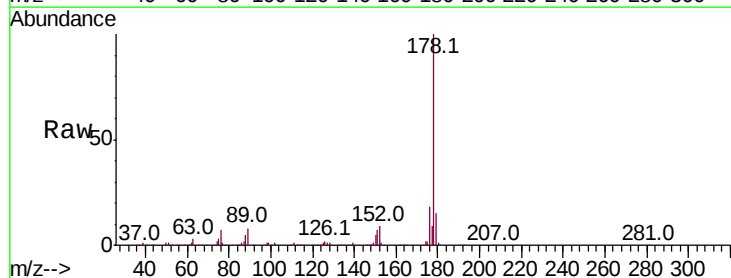
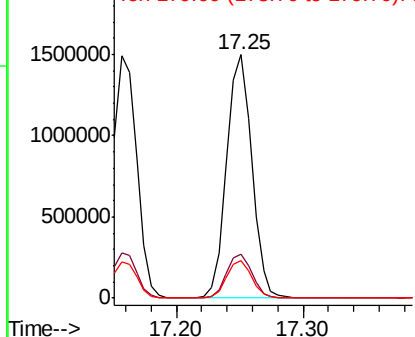
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.2	12.2	18.4

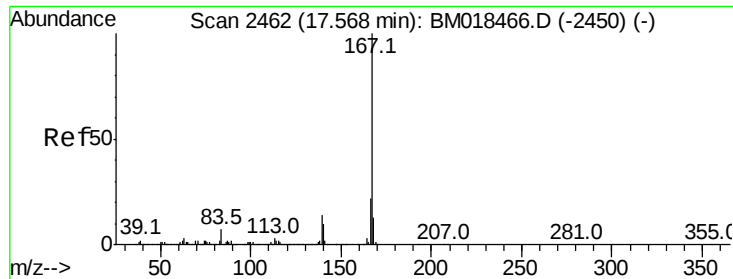
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





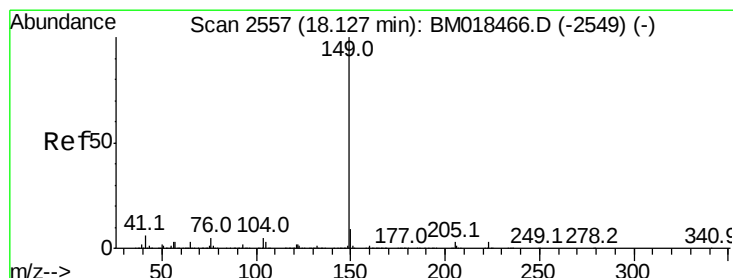
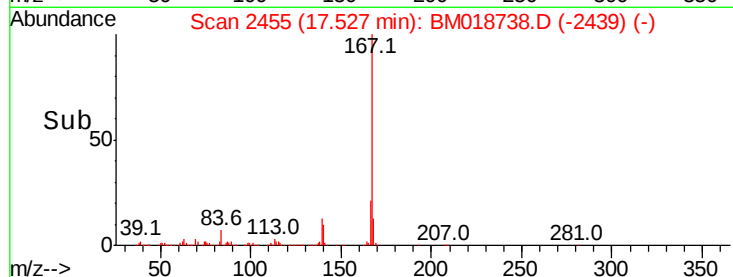
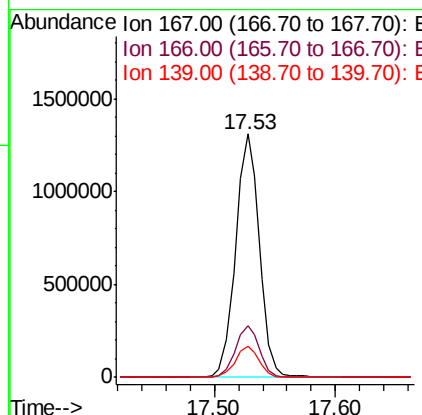
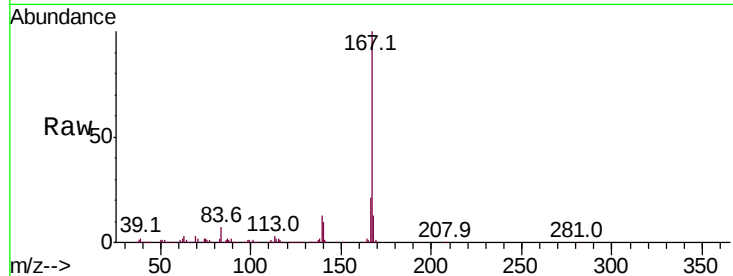
#73
 Carbazole
 Concen: 38.396 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.2
139	12.9	10.6	16.0

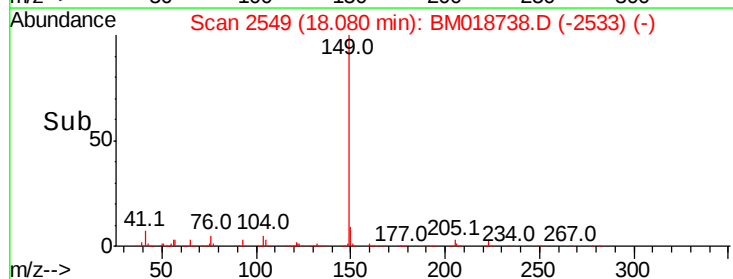
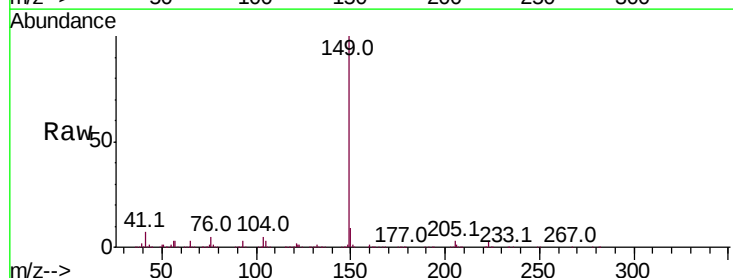
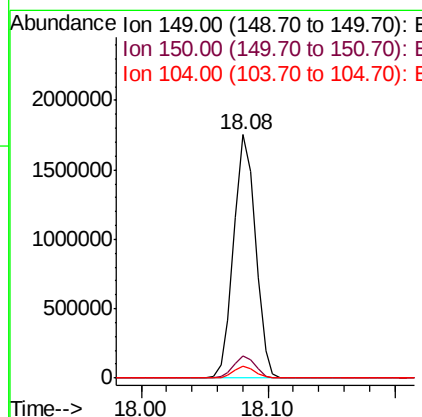
Manual Integrations
 APPROVED

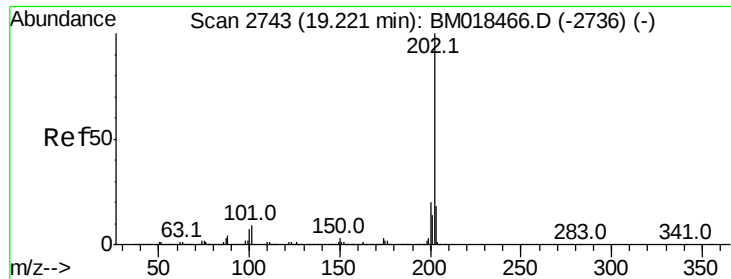
Sohil
 2/11/2019 5:02:55 PM



#74
 Di-n-butylphthalate
 Concen: 40.583 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.3	10.9
104	4.8	4.2	6.4





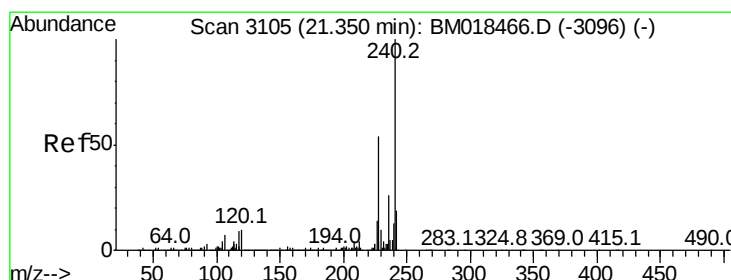
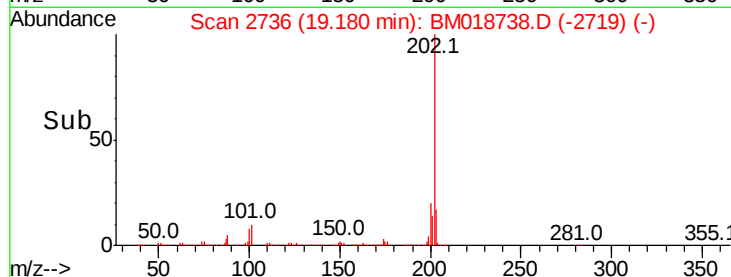
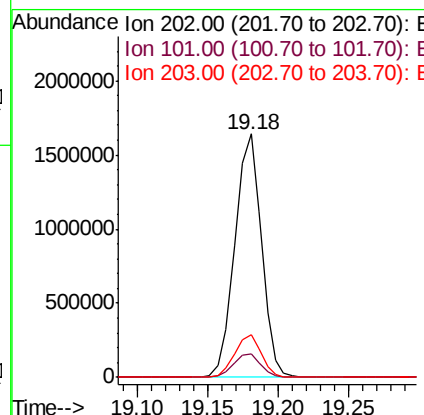
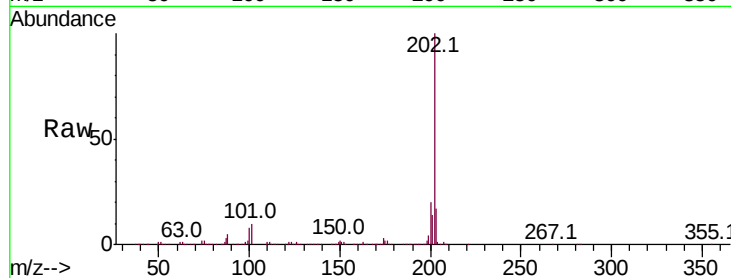
#75
 Fluoranthene
 Concen: 39.575 ng
 RT: 19.18 min Scan# 2736
 Delta R.T. 0.00 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.9
203	17.4	0.0	37.4

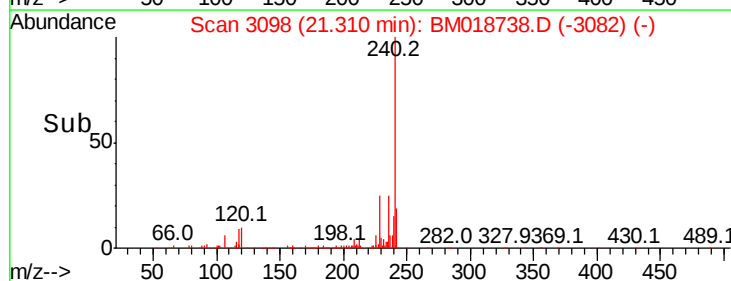
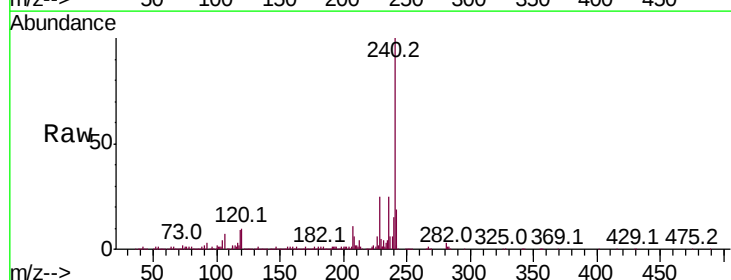
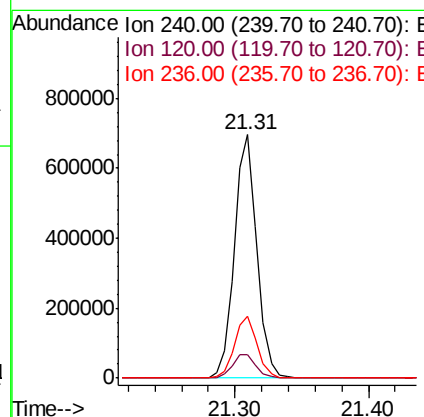
Manual Integrations
 APPROVED

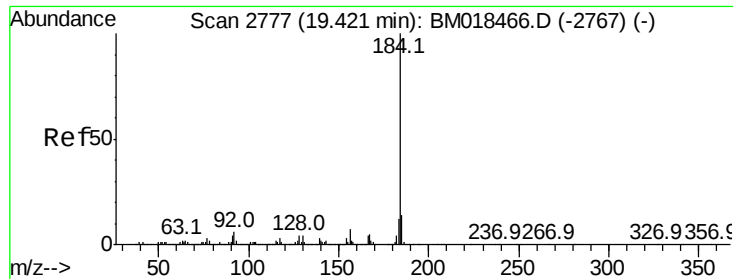
Sohil
 2/11/2019 5:02:55 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	8.4	12.6
236	25.3	20.7	31.1





#77

Benzidine

Concen: 43.575 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

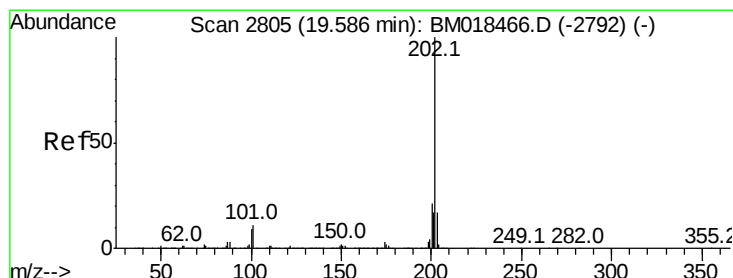
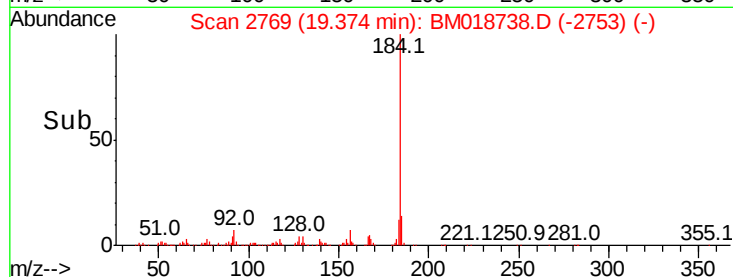
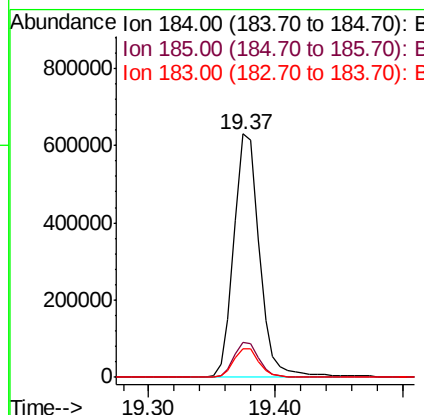
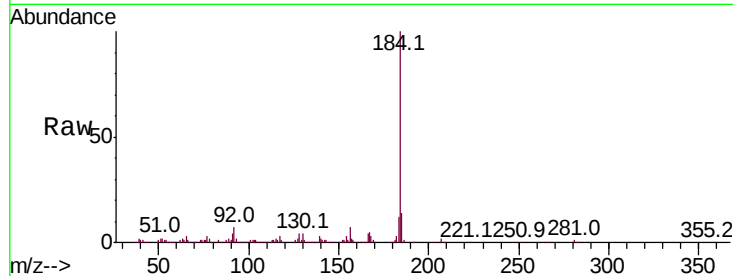
ClientSampleId :

PB116909BS

Tot Ion:	184	Resp:	881857
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.4	17.0
183	11.9	9.5	14.3

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM



#78

Pyrene

Concen: 46.106 ng

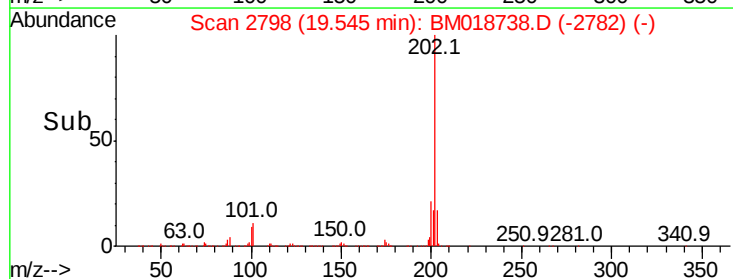
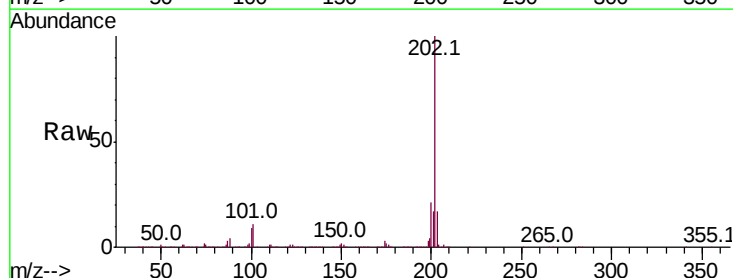
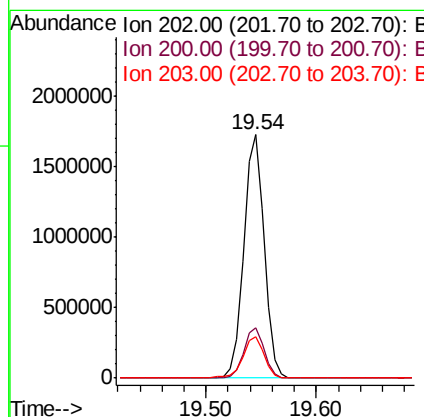
RT: 19.54 min Scan# 2798

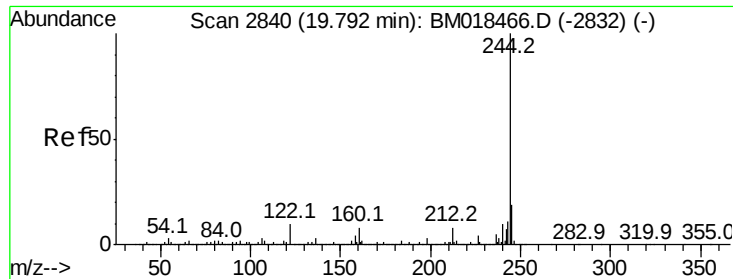
Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:	202	Resp:	2240015
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	24.8
203	17.2	13.8	20.8





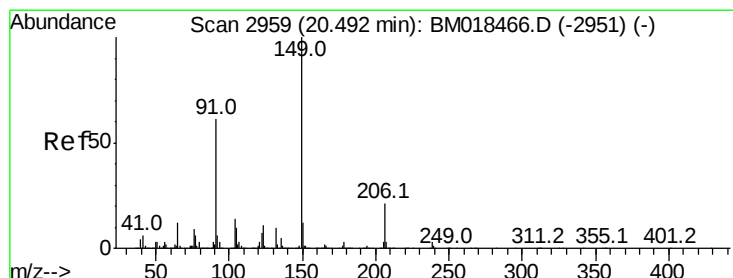
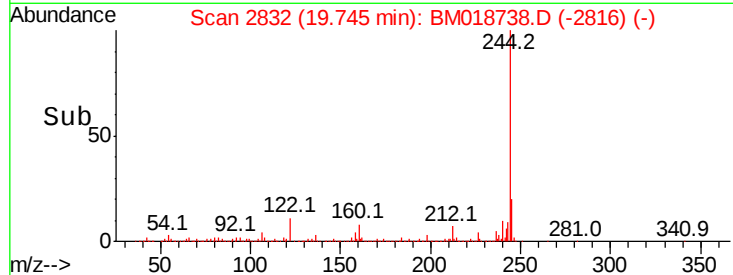
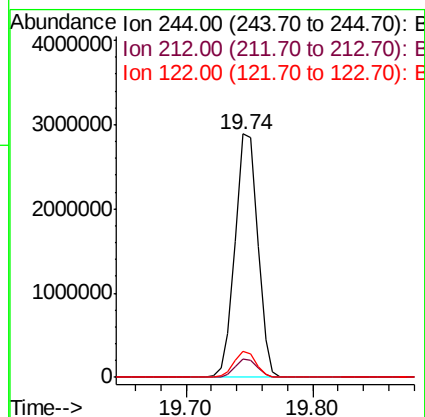
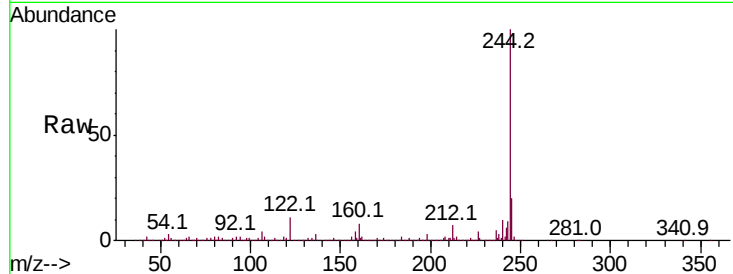
#79
 Terphenyl-d14
 Concen: 91.611 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.9	9.0	13.4

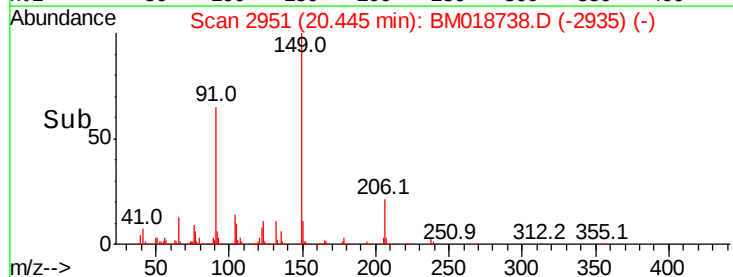
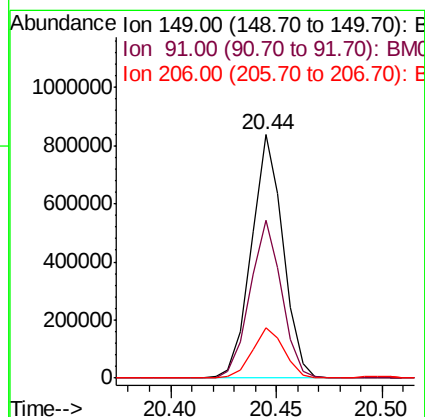
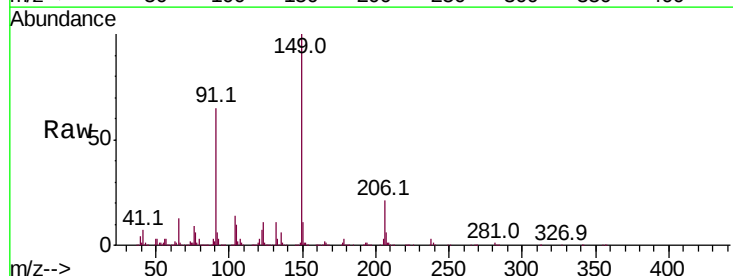
Manual Integrations
 APPROVED

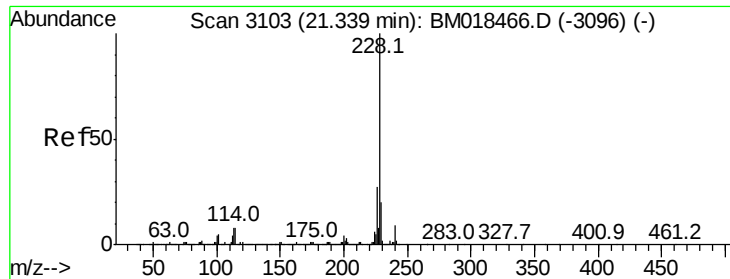
Sohil
 2/11/2019 5:02:55 PM



#80
 Butylbenzylphthalate
 Concen: 41.948 ng
 RT: 20.44 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.7	53.1	79.7
206	20.7	16.2	24.4





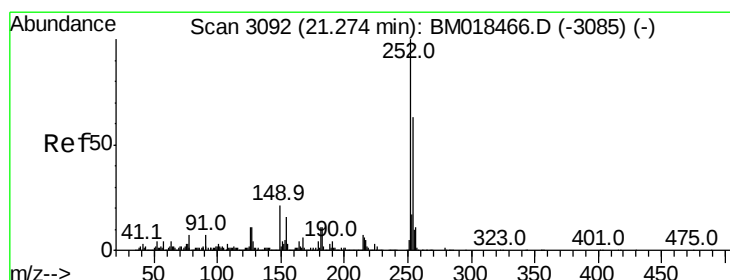
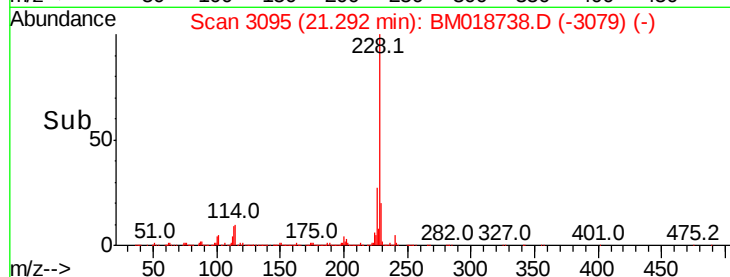
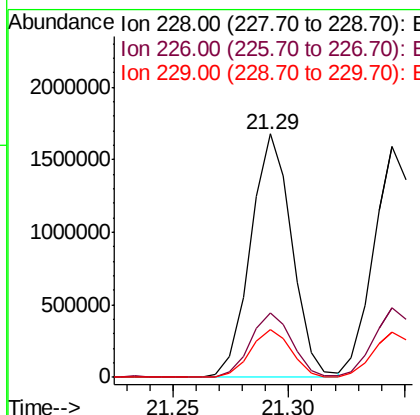
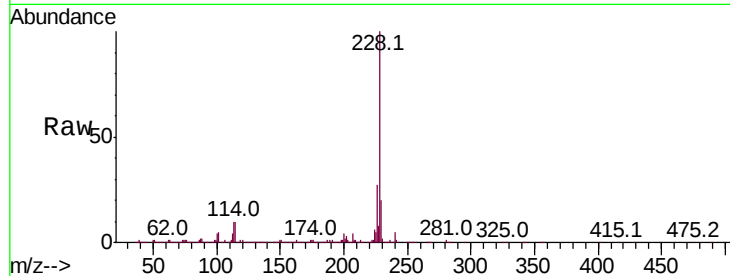
#81
Benzo(a)anthracene
Concen: 43.382 ng
RT: 21.29 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.8	32.6
229	19.6	15.8	23.8

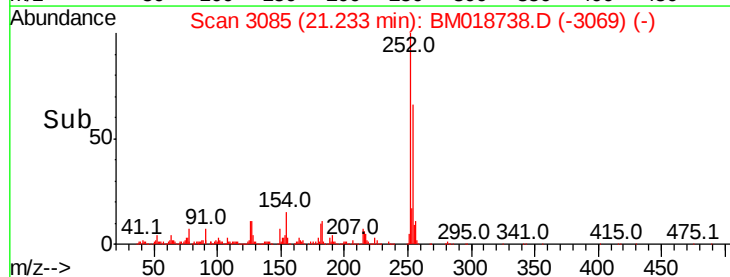
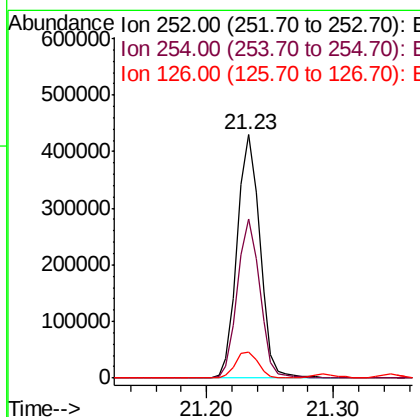
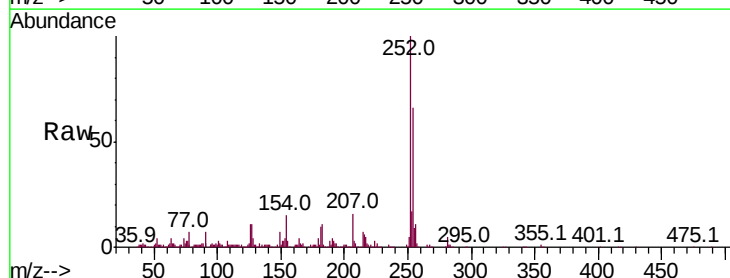
Manual Integrations
APPROVED

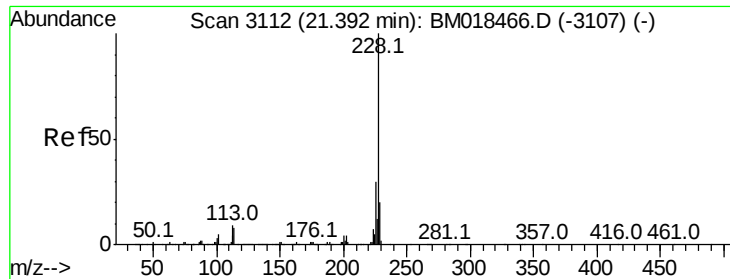
Sohil
2/11/2019 5:02:55 PM



#82
3,3'-Dichlorobenzidine
Concen: 29.270 ng
RT: 21.23 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.4	77.0
126	10.9	8.7	13.1





#83
 Chrvsene
 Concen: 42.537 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

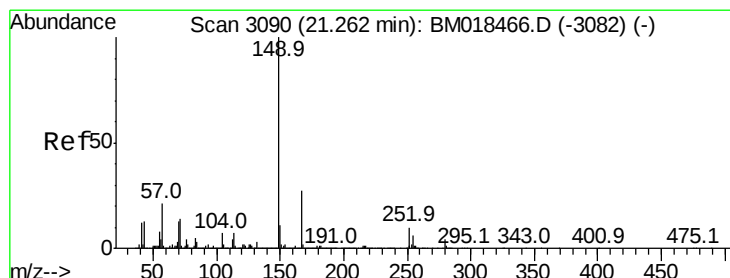
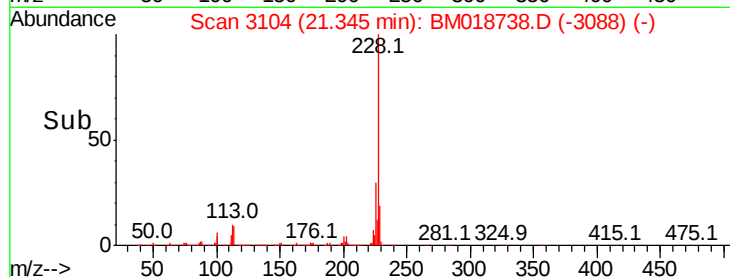
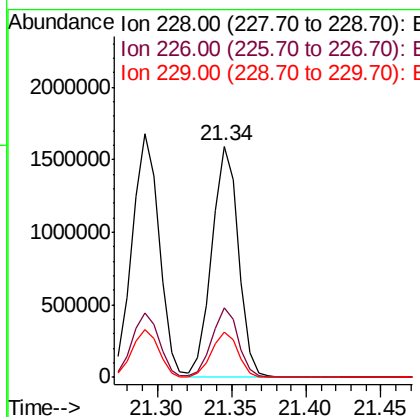
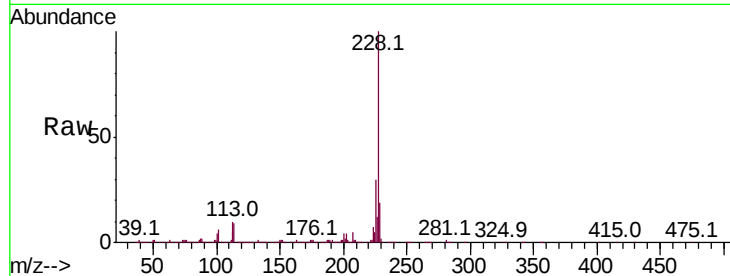
Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

Tot Ion:228 Resp: 1983370

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.3	15.6	23.4

Manual Integrations
 APPROVED

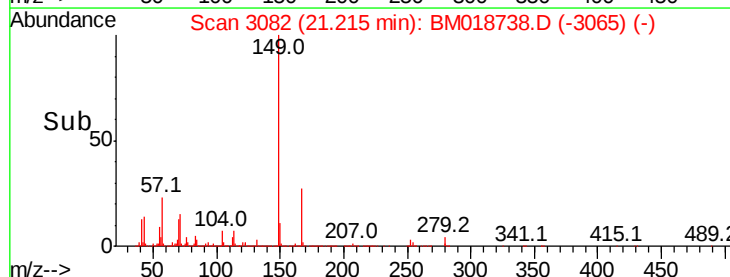
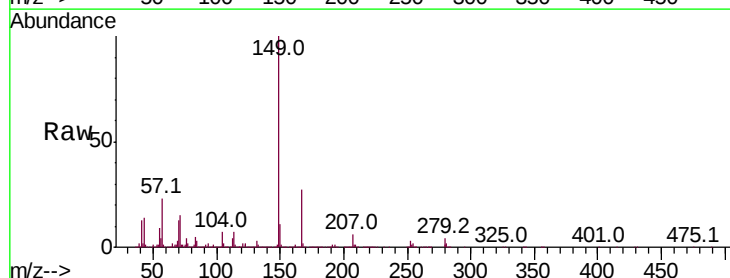
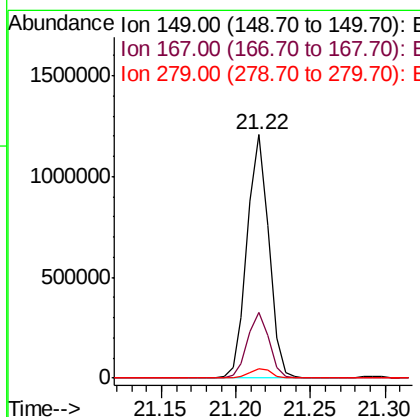
Sohil
 2/11/2019 5:02:55 PM

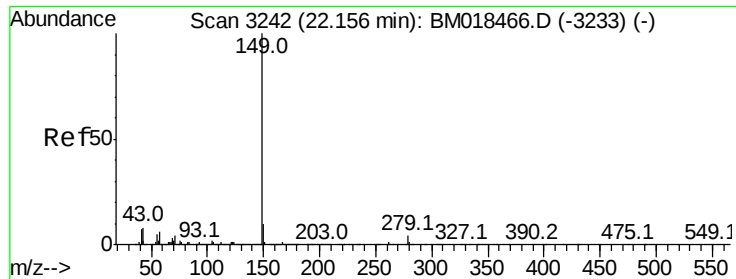


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.480 ng
 RT: 21.22 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion:149 Resp: 1211792

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.6	32.4
279	4.1	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 40.275 ng

RT: 22.10 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Instrument :

BNA_M

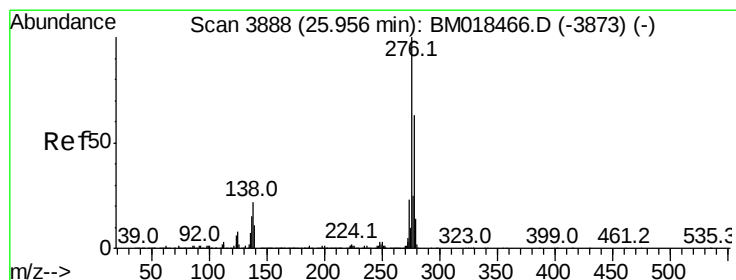
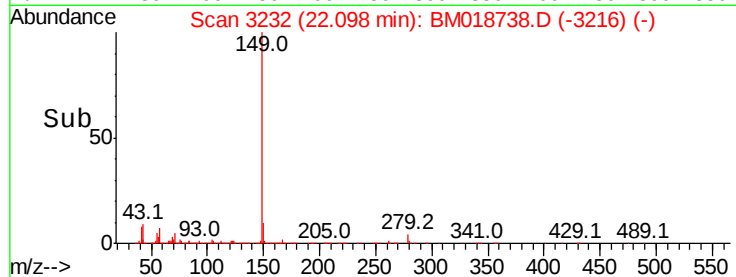
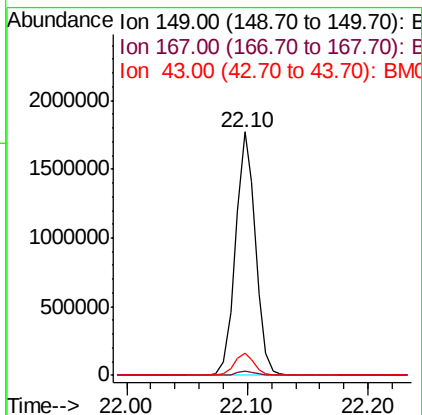
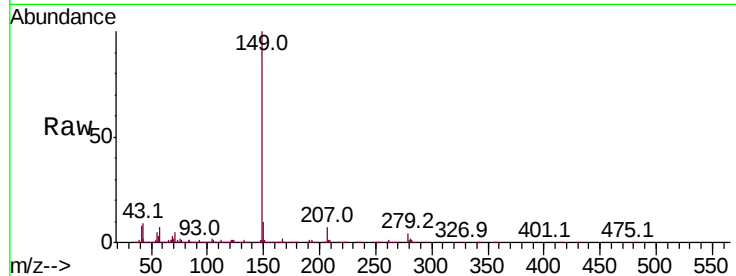
ClientSampleId :

PB116909BS

Tot Ion:	149	Resp:	2027819
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.9	8.6	12.8

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.688 ng

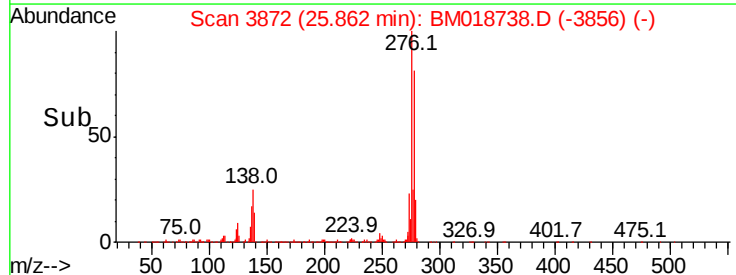
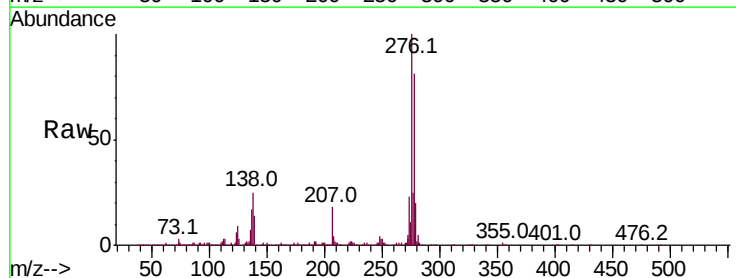
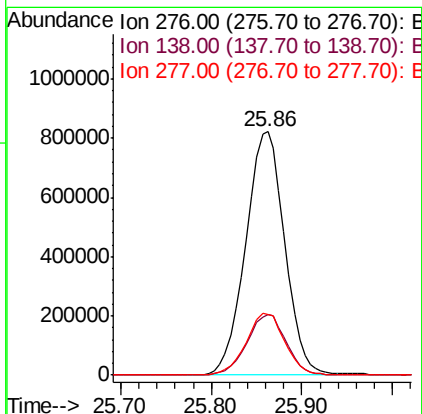
RT: 25.86 min Scan# 3872

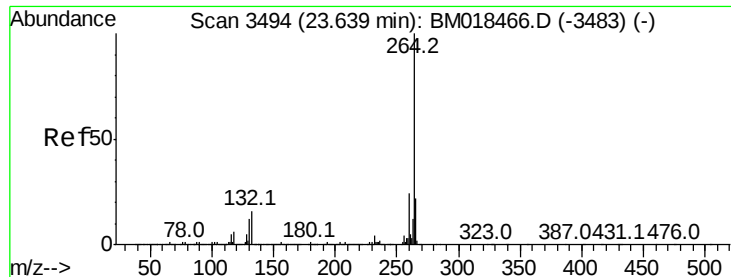
Delta R.T. -0.01 min

Lab File: BM018738.D

Acq: 07 Feb 2019 15:29

Tgt Ion:	276	Resp:	2456468
Ion	Ratio	Lower	Upper
276	100		
138	24.9	21.5	32.3
277	25.3	20.2	30.2





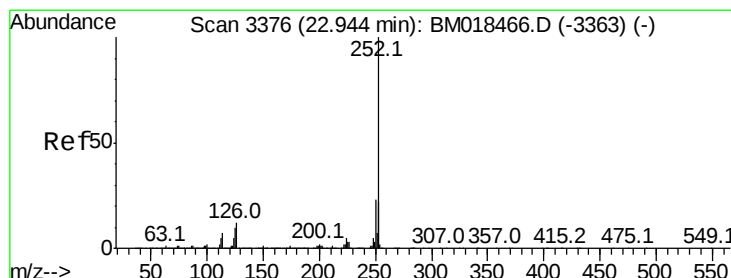
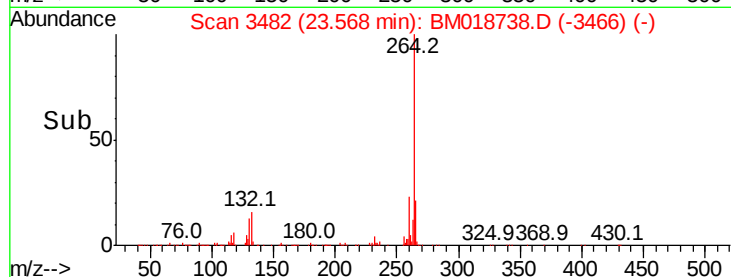
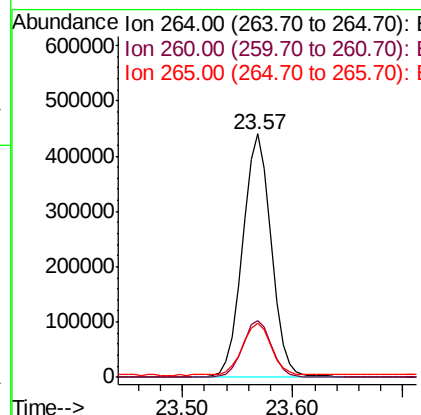
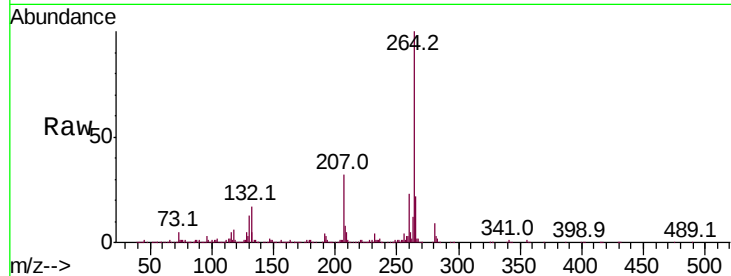
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.57 min Scan# 3482
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Instrument :
 BNA_M
 ClientSampleId :
 PB116909BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.1	16.8	25.2

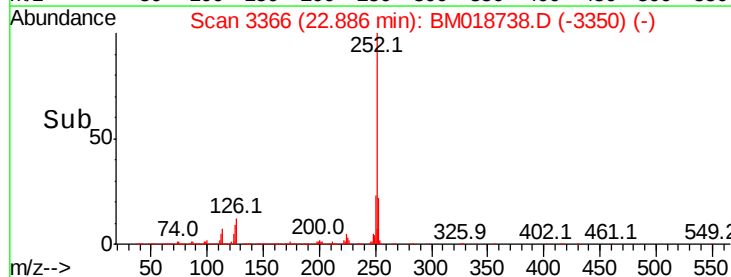
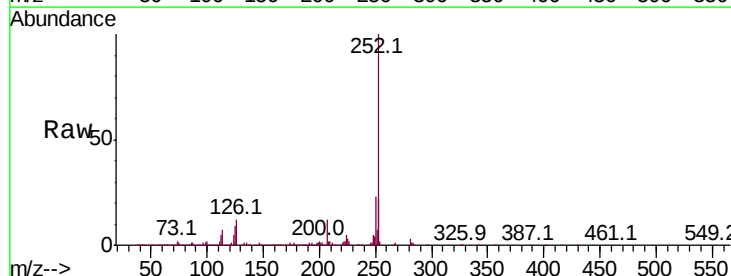
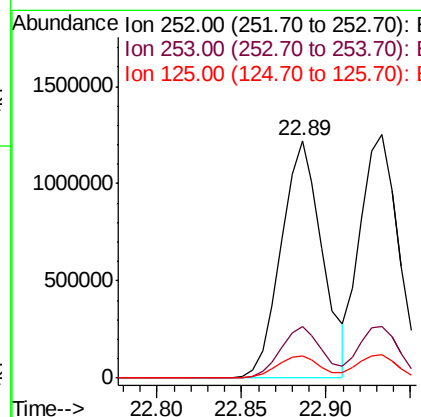
Manual Integrations
 APPROVED

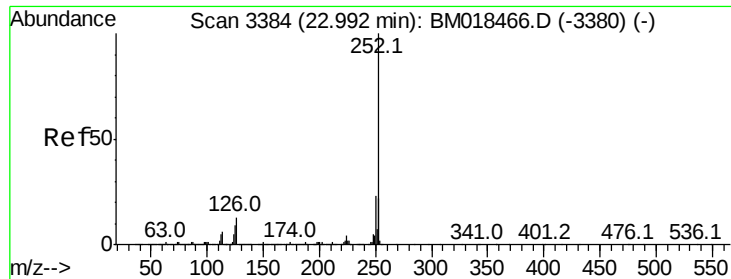
Sohil
 2/11/2019 5:02:55 PM



#88
 Benzo(b)fluoranthene
 Concen: 45.090 ng
 RT: 22.89 min Scan# 3366
 Delta R.T. -0.01 min
 Lab File: BM018738.D
 Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.2	8.5	12.7





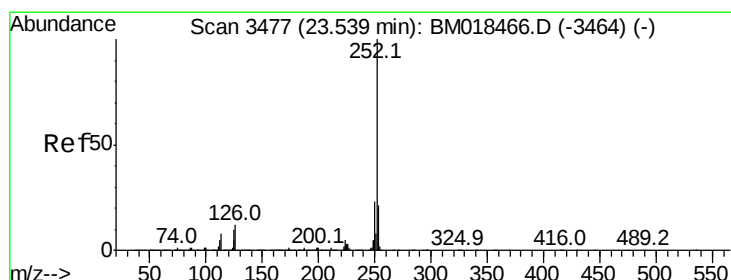
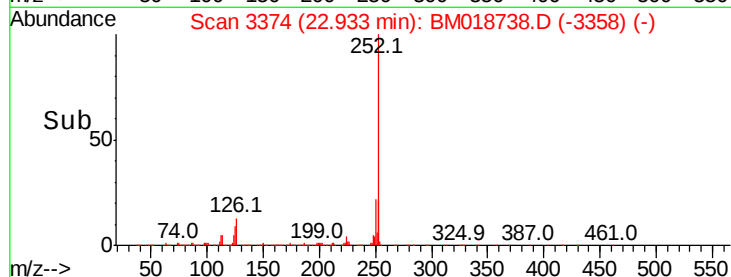
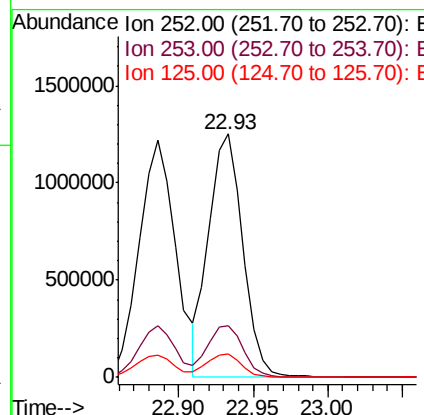
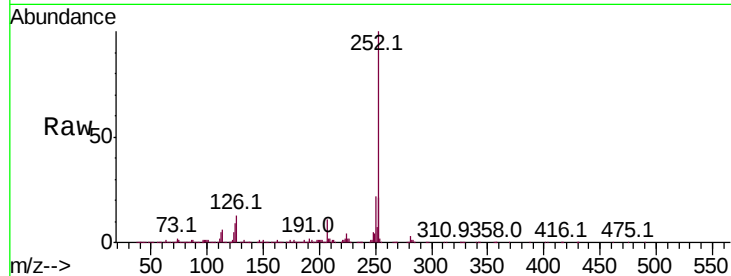
#89
Benzo(k)fluoranthene
Concen: 42.795 ng
RT: 22.93 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	9.5	8.6	12.8

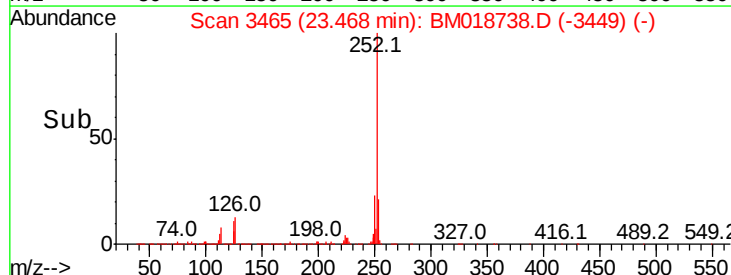
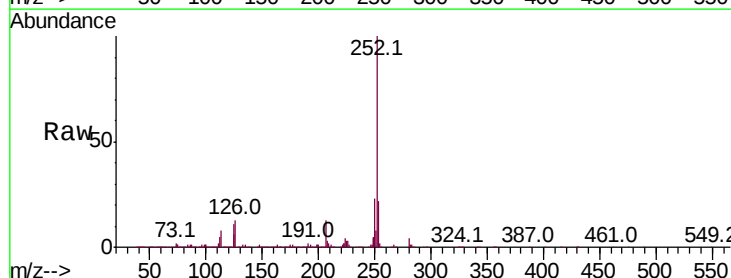
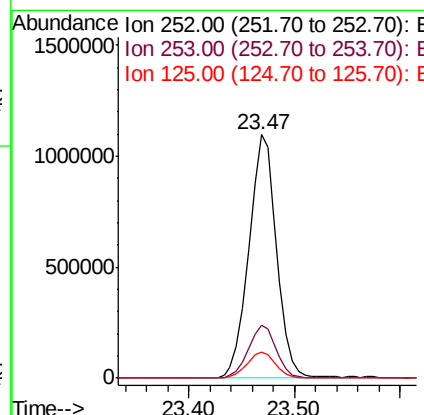
Manual Integrations
APPROVED

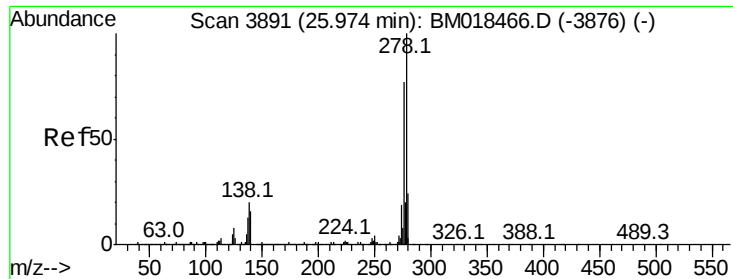
Sohil
2/11/2019 5:02:55 PM



#90
Benzo(a)pyrene
Concen: 45.544 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.9	9.7	14.5





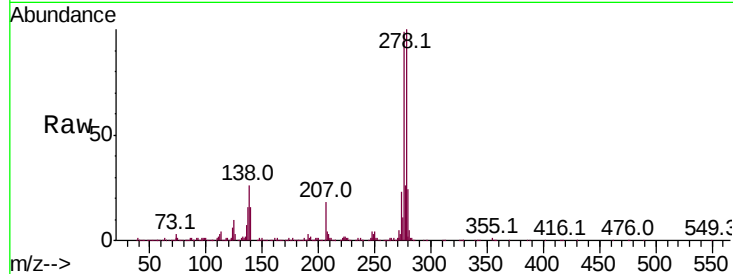
#91
Dibenzo(a,h)anthracene
Concen: 46.565 ng
RT: 25.87 min Scan# 3873
Delta R.T. -0.01 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Instrument :
BNA_M
ClientSampleId :
PB116909BS

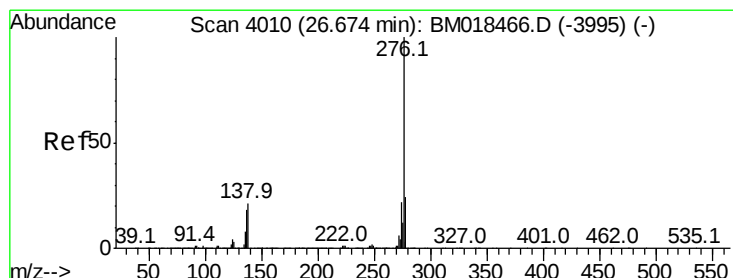
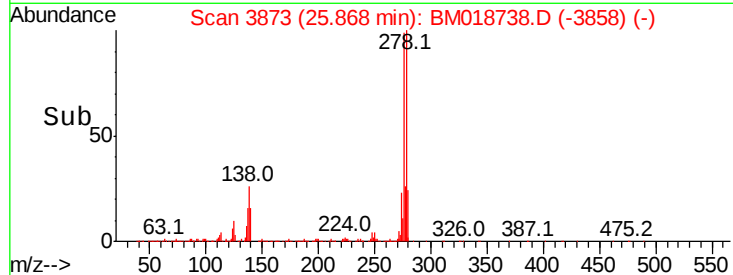
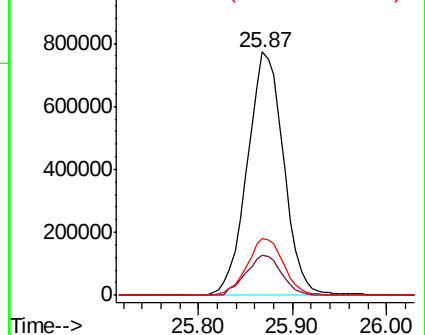
Tot Ion:278 Resp: 2066746
Ion Ratio Lower Upper
278 100
139 16.4 13.2 19.8
279 23.5 19.0 28.4

Manual Integrations
APPROVED

Sohil
2/11/2019 5:02:55 PM



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



#92
Benzo(g,h,i)perylene
Concen: 47.979 ng
RT: 26.56 min Scan# 3991
Delta R.T. -0.02 min
Lab File: BM018738.D
Acq: 07 Feb 2019 15:29

Tgt Ion:276 Resp: 2072278
Ion Ratio Lower Upper
276 100
277 24.2 19.0 28.4
138 20.7 18.1 27.1

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

