

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
 Data File : BM017641.D
 Acq On : 14 Nov 2018 03:27
 Operator : MJ/SJ
 Sample : PB114777BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

Manual Integrations
 APPROVED

Sohil
 11/14/2018 5:18:21 PM

Quant Time: Nov 14 11:10:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	199353	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	836627	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	488507	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1086632	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1072144	20.00	ng	0.00
87) Perylene-d12	23.41	264	896060	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1751838	148.30	ng	0.00
7) Phenol-d6	6.81	99	2308915	139.95	ng	0.00
23) Nitrobenzene-d5	8.77	82	1077635	66.50	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	967702	137.87	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2483367	65.95	ng	0.00
79) Terphenyl-d14	19.66	244	3613414	76.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	289794	58.906	ng	99
3) Pyridine	3.61	79	559592	38.778	ng	99
4) n-Nitrosodimethylamine	3.53	42	298926	47.025	ng	98
6) Aniline	6.96	93	788678	38.549	ng	99
8) 2-Chlorophenol	7.19	128	659740	46.668	ng	99
9) Benzaldehyde	6.77	77	394148	32.796	ng	95
10) Phenol	6.83	94	813071	46.953	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	576928	42.203	ng	99
12) 1,3-Dichlorobenzene	7.50	146	659309	41.569	ng	97
13) 1,4-Dichlorobenzene	7.65	146	682683	41.993	ng	100
14) 1,2-Dichlorobenzene	7.96	146	654542	41.522	ng	99
15) Benzyl Alcohol	7.86	79	573092	43.619	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.15	45	863602	41.493	ng	99
17) 2-Methylphenol	8.06	107	535442	45.900	ng	97
18) Hexachloroethane	8.67	117	247908	43.266	ng	96
19) n-Nitroso-di-n-propylamine	8.42	70	488898	41.271	ng	99
20) 3+4-Methylphenols	8.39	107	735279	45.365	ng	99
22) Acetophenone	8.44	105	943653	45.193	ng	# 99
24) Nitrobenzene	8.81	77	721191	43.862	ng	100
25) Isophorone	9.33	82	1254940	50.137	ng	99
26) 2-Nitrophenol	9.52	139	347275	45.854	ng	99
27) 2,4-Dimethylphenol	9.58	122	593734	54.396	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	802512	47.339	ng	99
29) 2,4-Dichlorophenol	10.05	162	619977	48.931	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	646697	43.884	ng	97
31) Naphthalene	10.43	128	1951364	47.439	ng	99
32) Benzoic acid	9.75	122	421628m	42.643	ng	
33) 4-Chloroaniline	10.56	127	421813	23.415	ng	99
34) Hexachlorobutadiene	10.72	225	390391	42.672	ng	97
35) Caprolactam	11.36	113	187934m	40.277	ng	
36) 4-Chloro-3-methylphenol	11.69	107	681983	46.620	ng	98
37) 2-Methylnaphthalene	12.06	142	1450527	49.894	ng	98
38) 1-Methylnaphthalene	12.28	142	1376726	48.296	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	746244	43.320	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
 Data File : BM017641.D
 Acq On : 14 Nov 2018 03:27
 Operator : MJ/SJ
 Sample : PB114777BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

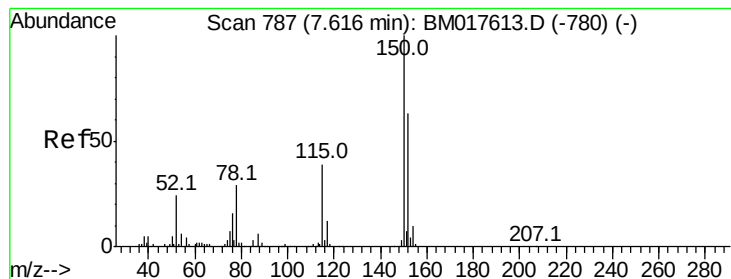
Manual Integrations
 APPROVED

Sohil
 11/14/2018 5:18:21 PM

Quant Time: Nov 14 11:10:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1021991	114.814	ng	99
43) 2,4,6-Trichlorophenol	12.68	196	511408	47.397	ng	99
44) 2,4,5-Trichlorophenol	12.75	196	538665	47.282	ng	99
46) 1,1'-Biphenyl	13.09	154	1832168	41.783	ng	99
47) 2-Chloronaphthalene	13.13	162	1441249	44.282	ng	98
48) 2-Nitroaniline	13.34	65	456557	45.360	ng	97
49) Acenaphthylene	13.98	152	2360157	48.265	ng	99
50) Dimethylphthalate	13.73	163	1783089	44.894	ng	99
51) 2,6-Dinitrotoluene	13.85	165	401881	45.441	ng	99
52) Acenaphthene	14.33	154	1355981	45.184	ng	100
53) 3-Nitroaniline	14.19	138	298047	30.953	ng	98
54) 2,4-Dinitrophenol	14.40	184	473411	86.994	ng	98
55) Dibenzofuran	14.66	168	2183645	44.526	ng	98
56) 4-Nitrophenol	14.50	139	653731	80.723	ng	98
57) 2,4-Dinitrotoluene	14.64	165	566397	47.510	ng	98
58) Fluorene	15.32	166	1799517	47.930	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.89	232	500546	47.768	ng	99
60) Diethylphthalate	15.10	149	1812523	42.236	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	903561	42.359	ng	99
62) 4-Nitroaniline	15.36	138	382323	42.130	ng	98
63) Azobenzene	15.61	77	1755790	44.259	ng	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	315558	41.920	ng	96
66) n-Nitrosodiphenylamine	15.53	169	1563365	44.749	ng	98
67) 4-Bromophenyl-phenylether	16.21	248	558152	43.431	ng	97
68) Hexachlorobenzene	16.32	284	624529	43.107	ng	99
69) Atrazine	16.50	200	559718	43.559	ng	98
70) Pentachlorophenol	16.67	266	779365	76.775	ng	98
71) Phenanthrene	17.06	178	2775361	47.069	ng	99
72) Anthracene	17.14	178	2831098	49.343	ng	100
73) Carbazole	17.43	167	2506835	43.238	ng	100
74) Di-n-butylphthalate	17.99	149	3000595	46.491	ng	99
75) Fluoranthene	19.08	202	3141321	47.086	ng	99
77) Benzidine	19.28	184	1935603	55.440	ng	100
78) Pyrene	19.44	202	3225490	48.758	ng	100
80) Butylbenzylphthalate	20.36	149	1310557	48.777	ng	98
81) Benzo(a)anthracene	21.20	228	2988078	48.376	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	731192	30.672	ng	98
83) Chrysene	21.25	228	2771039	46.189	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	1824796	45.941	ng	100
85) Di-n-octyl phthalate	22.01	149	2983580	46.910	ng	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	2416094	50.397	ng	100
88) Benzo(b)fluoranthene	22.76	252	2562206	48.826	ng	99
89) Benzo(k)fluoranthene	22.80	252	2548009	48.040	ng	99
90) Benzo(a)pyrene	23.31	252	2366434	49.458	ng	100
91) Dibenzo(a,h)anthracene	25.60	278	2062173	51.265	ng	99
92) Benzo(g,h,i)perylene	26.26	276	1974335	52.194	ng	99

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



#1

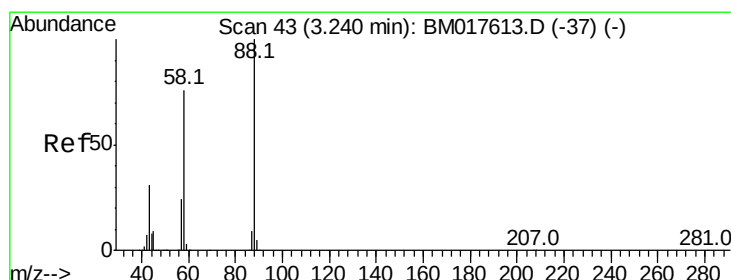
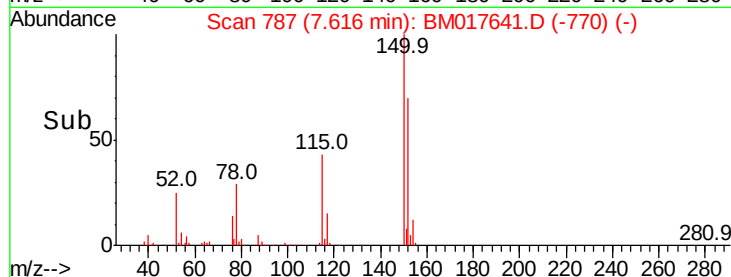
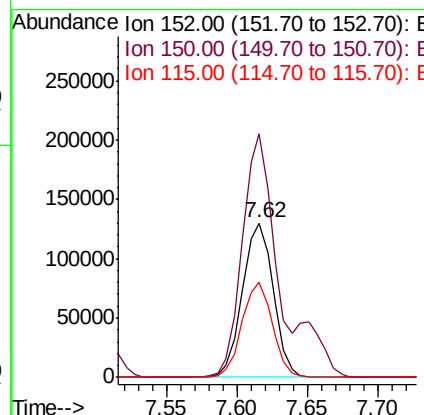
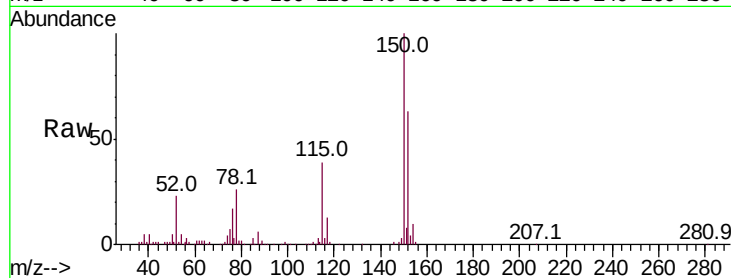
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.4	189.6
115	61.7	49.4	74.0

Manual Integrations
APPROVED

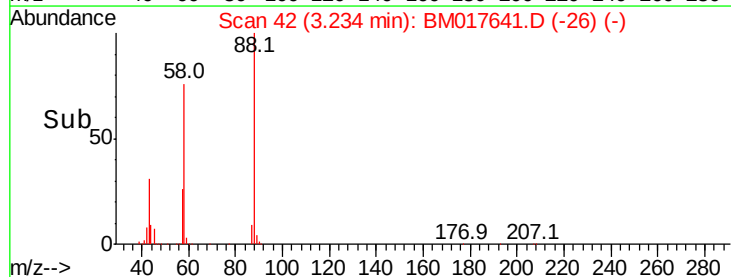
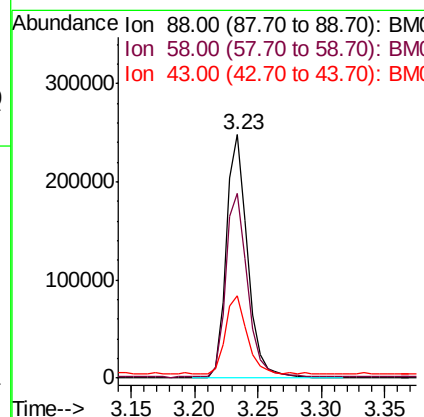
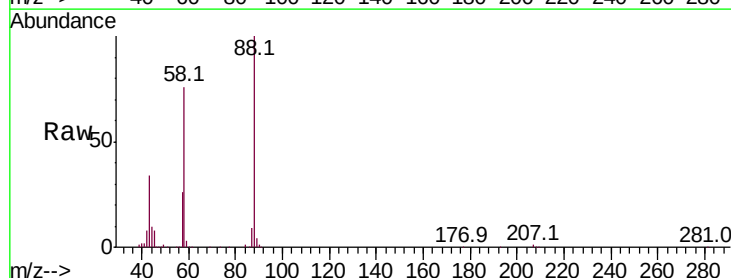
Sohil
11/14/2018 5:18:21 PM

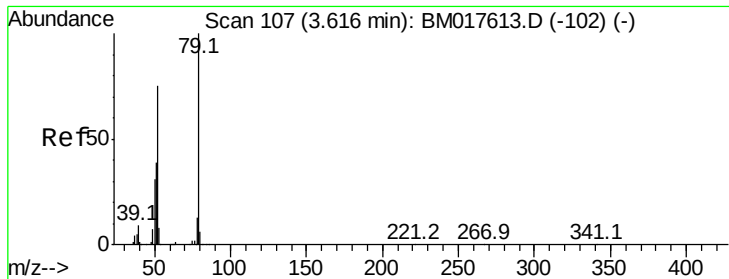


#2

1,4-Dioxane
Concen: 58.906 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	62.0	93.0
43	33.0	26.8	40.2





#3

Pvridine

Concen: 38.778 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

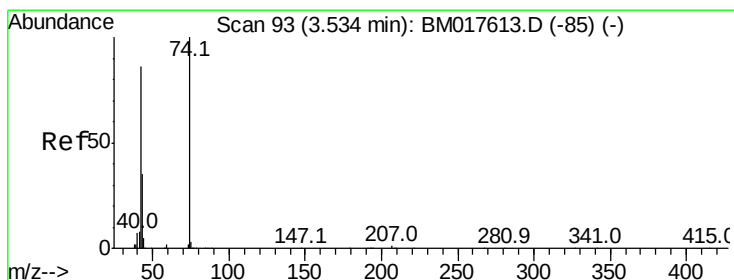
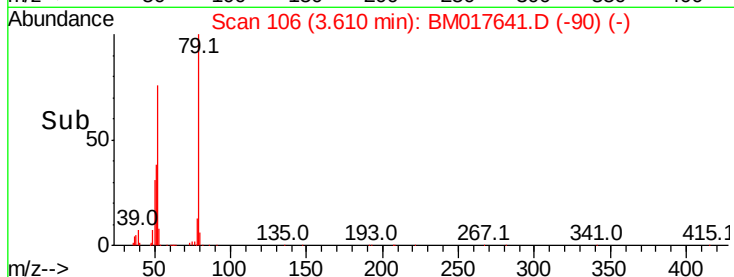
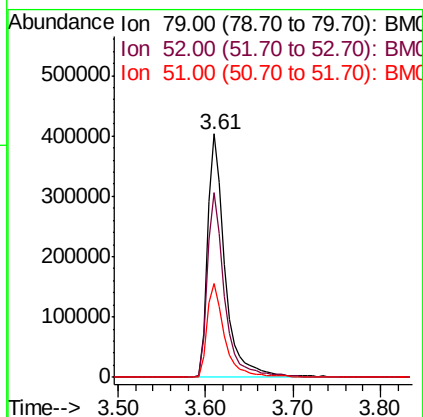
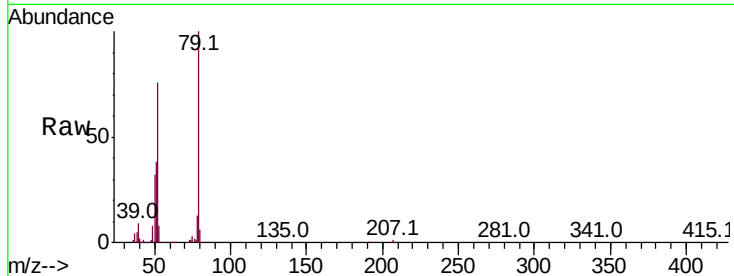
ClientSampleId :

PB114777BSD

Tot Ion:	79	Resp:	559592
Ion Ratio	Lower	Upper	
79	100		
52	75.9	60.1	90.1
51	38.4	31.1	46.7

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 PM



#4

n-Nitrosodimethylamine

Concen: 47.025 ng

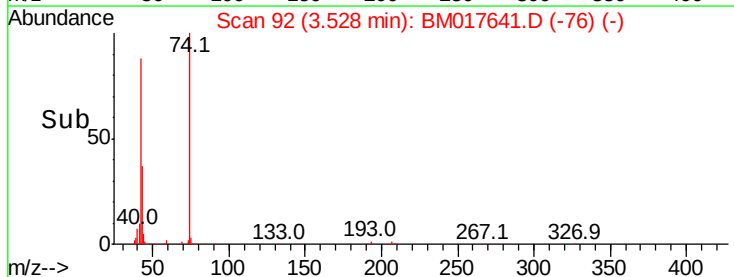
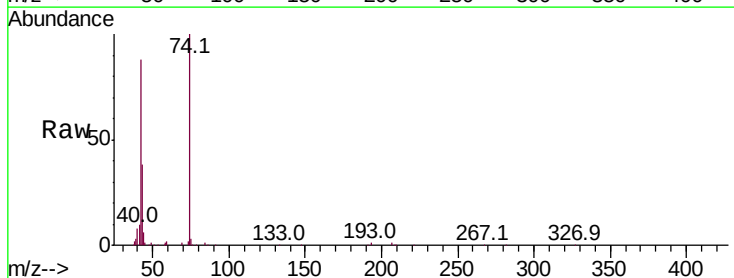
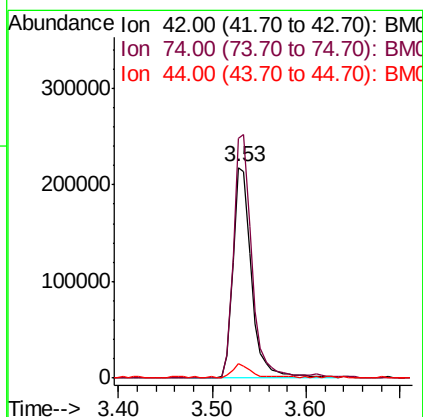
RT: 3.53 min Scan# 92

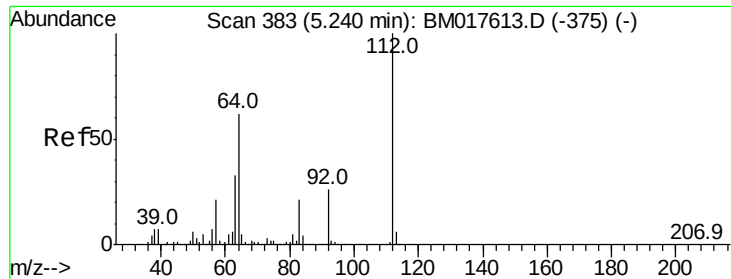
Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Tgt Ion:	42	Resp:	298926
Ion Ratio	Lower	Upper	
42	100		
74	113.8	93.1	139.7
44	6.7	5.0	7.6





#5

2-Fluorophenol

Concen: 148.304 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

Tot Ion:112 Resp: 1751838

Ion Ratio Lower Upper

112 100

64 62.3 49.3 73.9

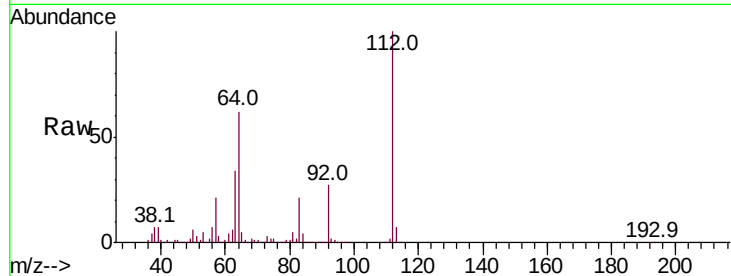
63 33.5 26.2 39.4

Manual Integrations

APPROVED

Sohil

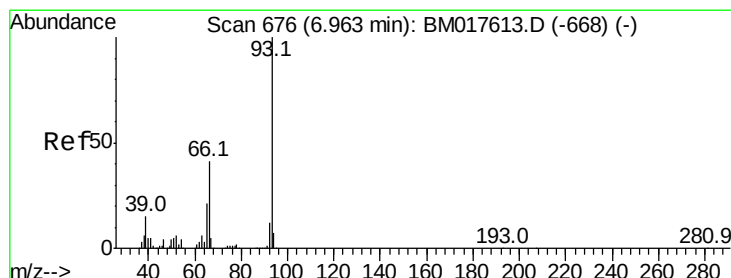
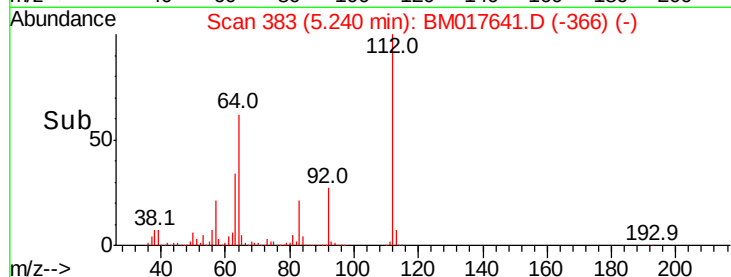
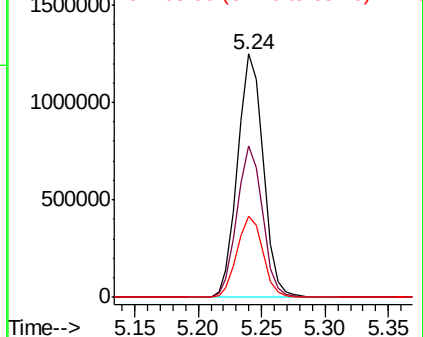
11/14/2018 5:18:21 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.549 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

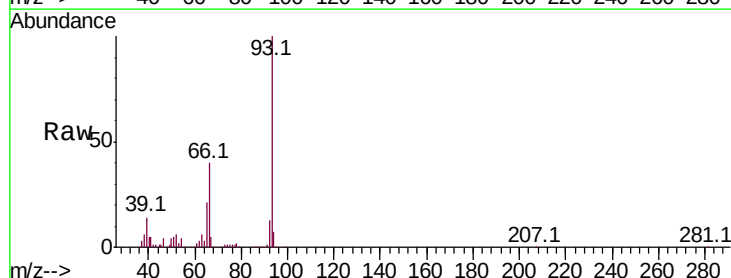
Tgt Ion: 93 Resp: 788678

Ion Ratio Lower Upper

93 100

66 40.4 32.8 49.2

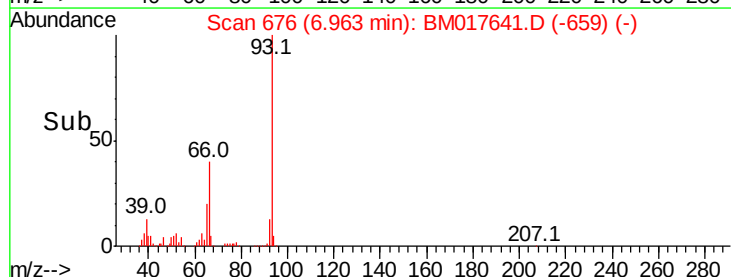
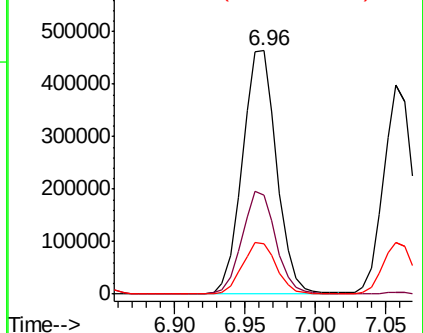
65 20.6 16.6 25.0

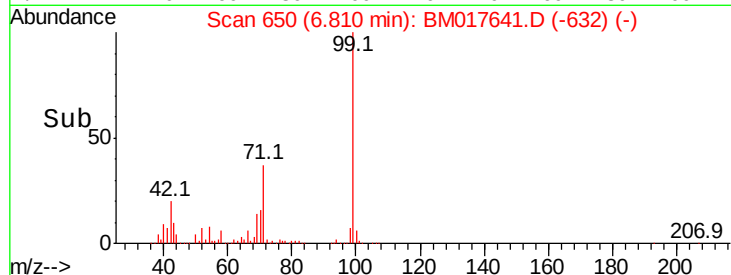
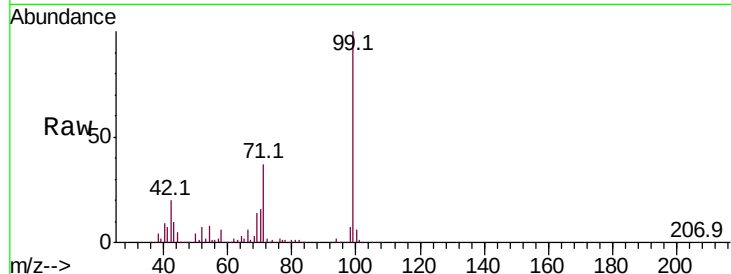
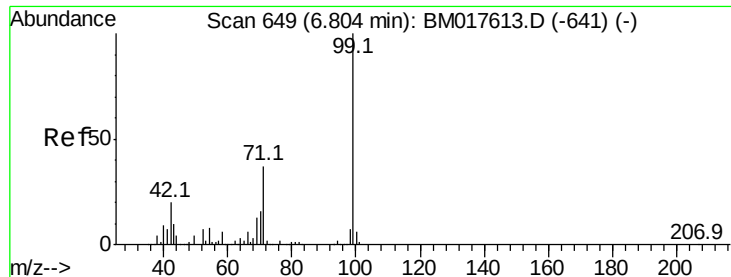


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 139.953 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Tot Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.3	24.5
71	37.0	29.8	44.8

Instrument :

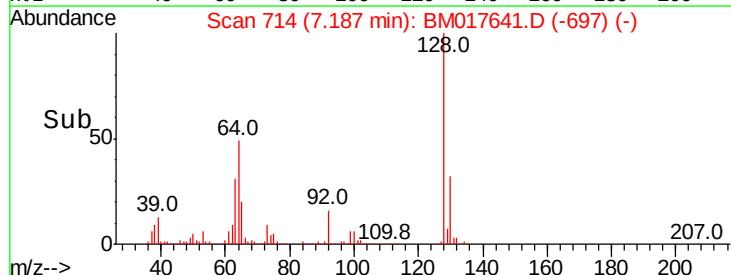
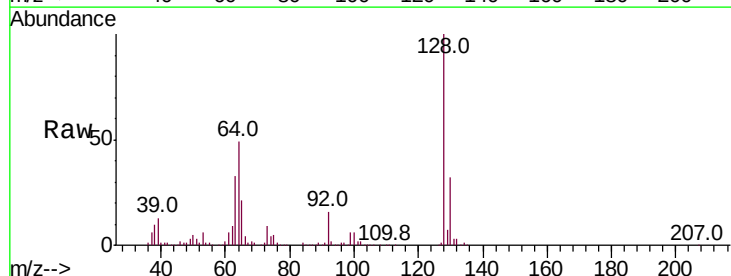
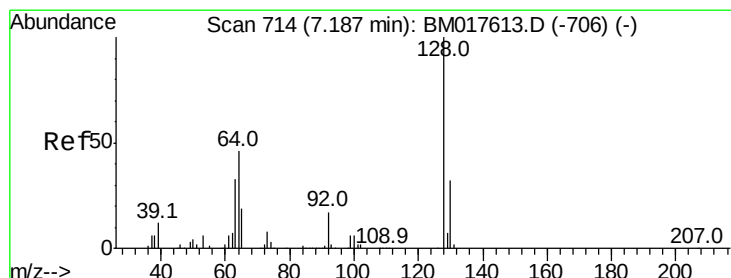
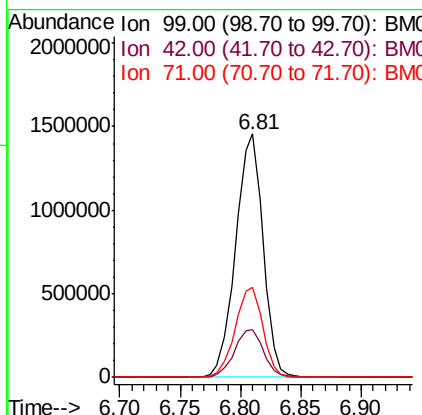
BNA_M

ClientSampleId :

PB114777BSD

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 PM



#8

2-Chlorophenol

Concen: 46.668 ng

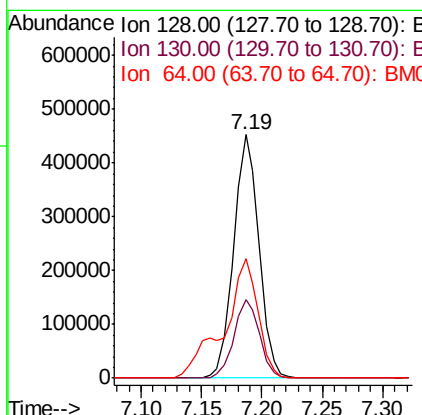
RT: 7.19 min Scan# 714

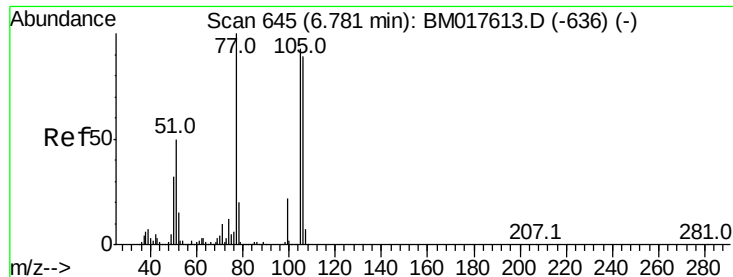
Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.4	52.4
64	49.3	30.0	70.0





#9

Benzaldehyde

Concen: 32.796 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

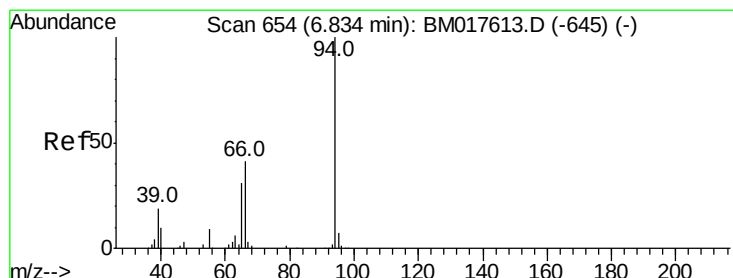
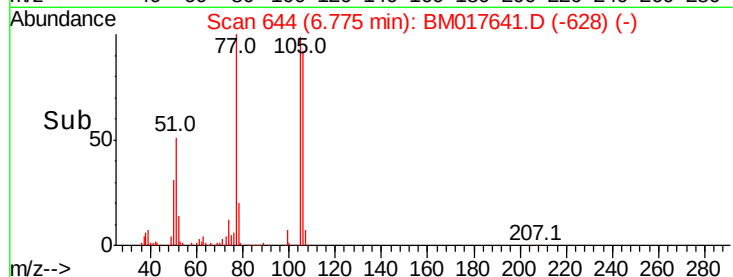
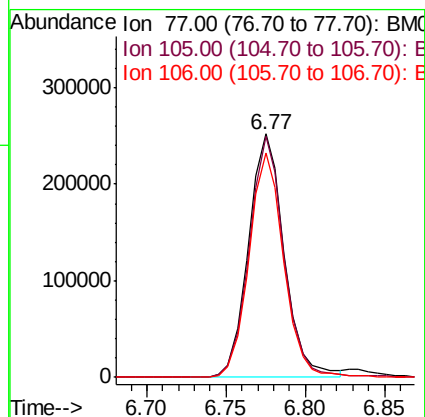
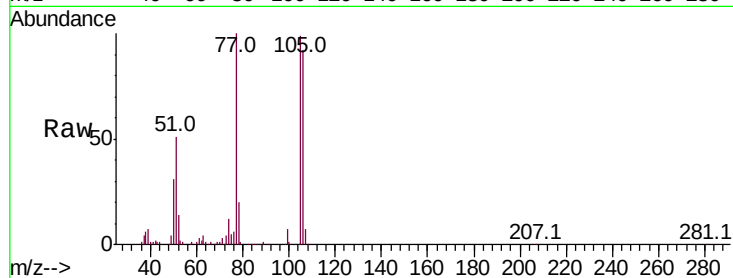
ClientSampleId :

PB114777BSD

Tot Ion:	77	Resp:	394148
Ion	Ratio	Lower	Upper
77	100		
105	99.2	72.7	112.7
106	92.1	68.9	108.9

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 PM



#10

Phenol

Concen: 46.953 ng

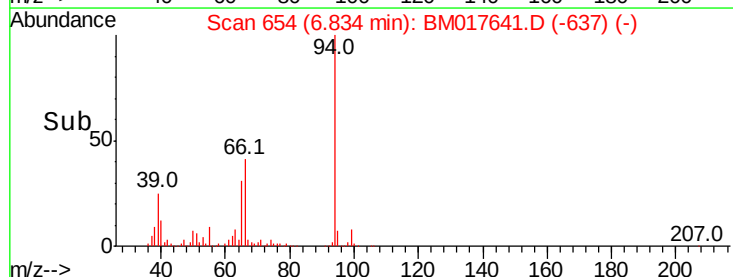
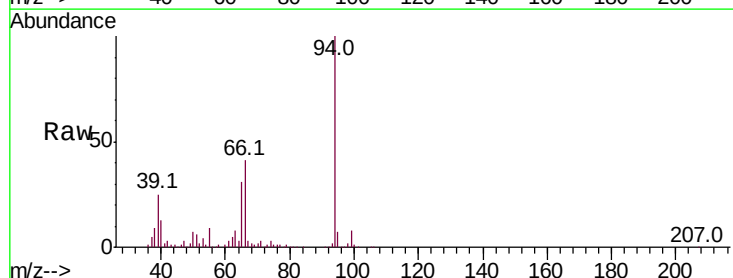
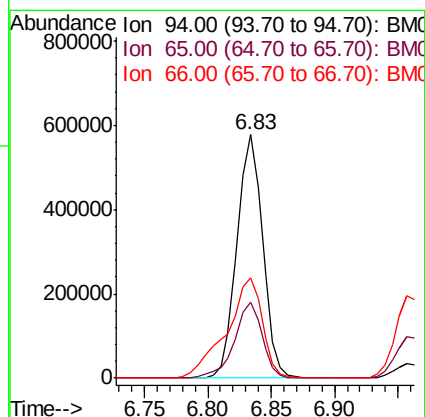
RT: 6.83 min Scan# 654

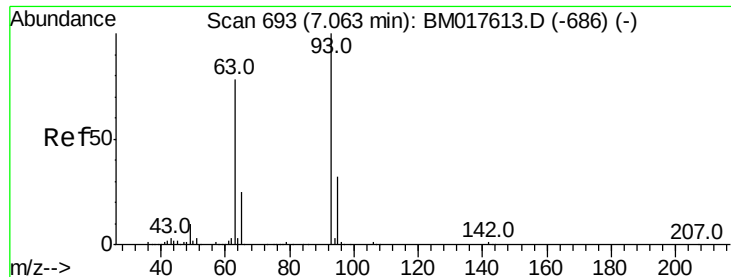
Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Tgt Ion:	94	Resp:	813071
Ion	Ratio	Lower	Upper
94	100		
65	30.9	11.4	51.4
66	41.1	21.4	61.4





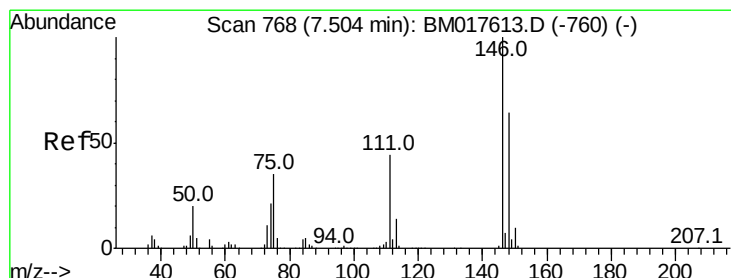
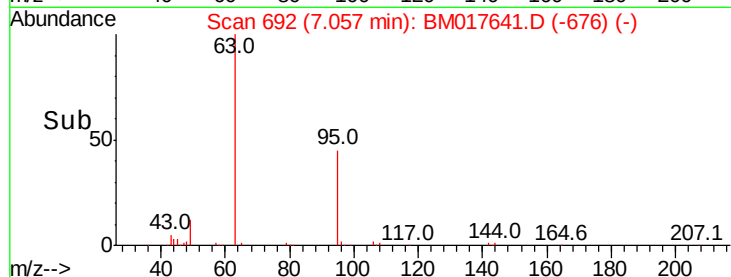
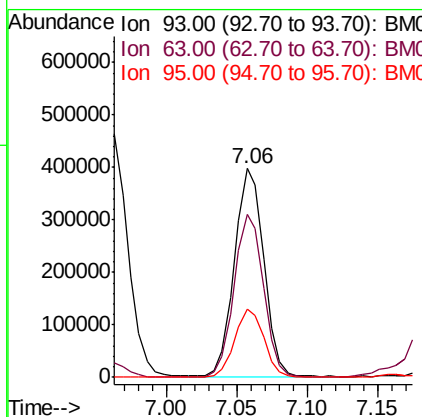
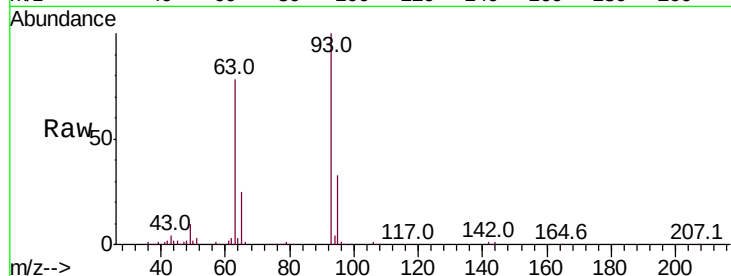
#11
bis(2-Chloroethyl)ether
Concen: 42.203 ng
RT: 7.06 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	93	Resp	576928
Ion Ratio	100	Lower	Upper
93	100		
63	78.4	57.9	97.9
95	32.6	12.3	52.3

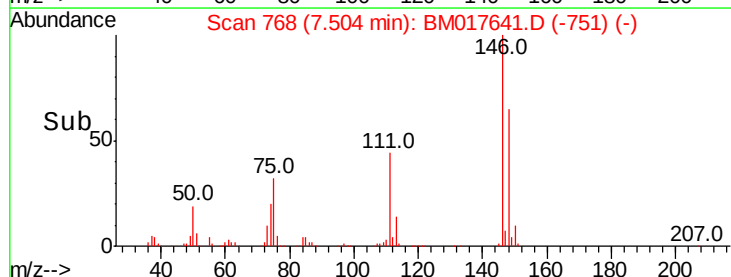
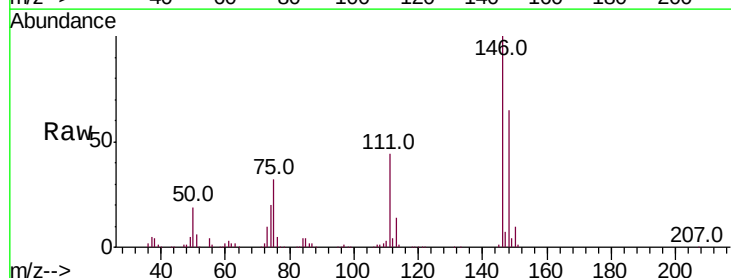
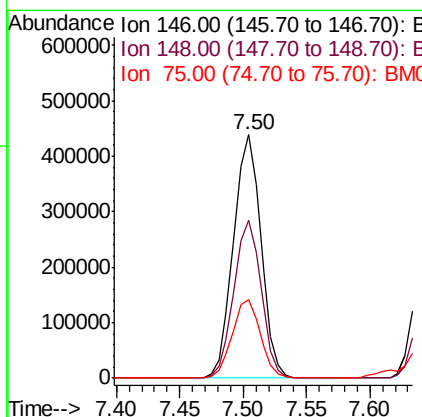
Manual Integrations
APPROVED

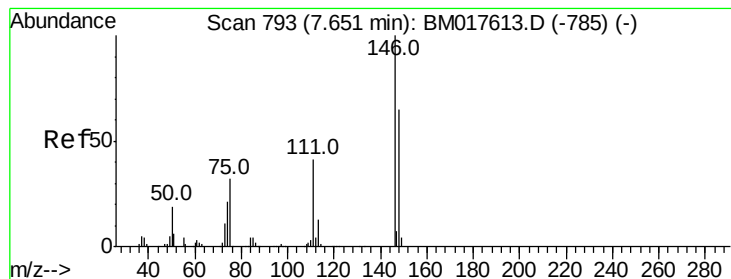
Sohil
11/14/2018 5:18:21 PM



#12
1,3-Dichlorobenzene
Concen: 41.569 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	146	Resp	659309
Ion Ratio	100	Lower	Upper
146	100		
148	64.9	51.2	76.8
75	32.2	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 41.993 ng

RT: 7.65 min Scan# 793

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

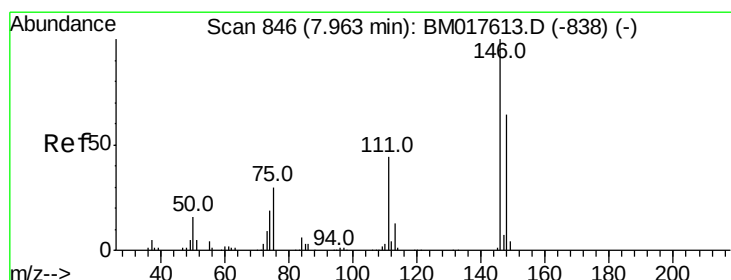
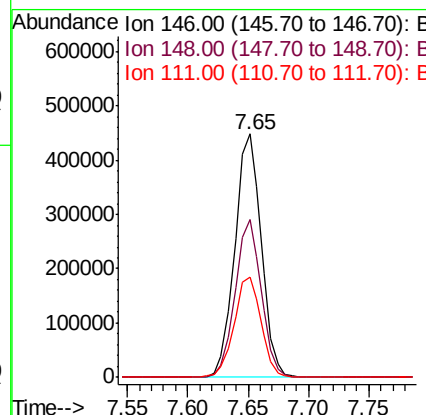
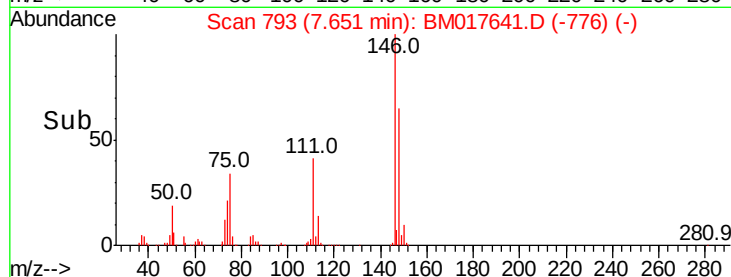
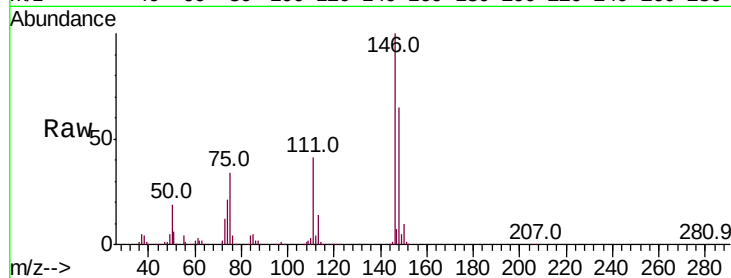
ClientSampleId :

PB114777BSD

Tot Ion:	146	Resp:	682683
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.0	78.0
111	41.3	33.2	49.8

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 PM



#14

1,2-Dichlorobenzene

Concen: 41.522 ng

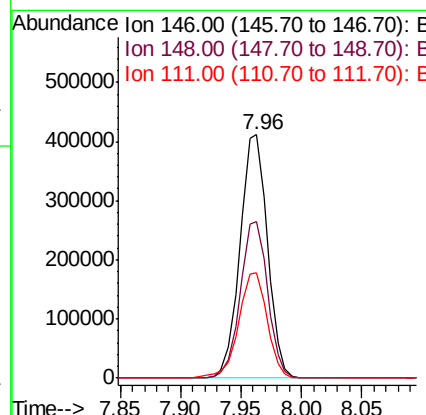
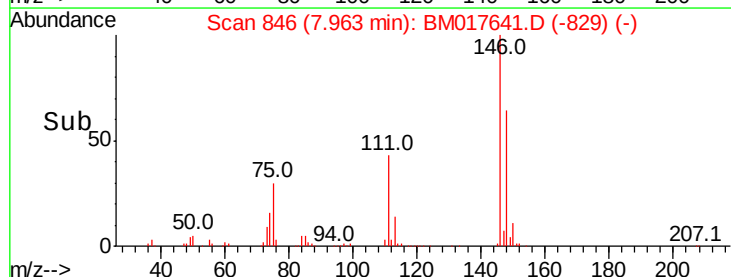
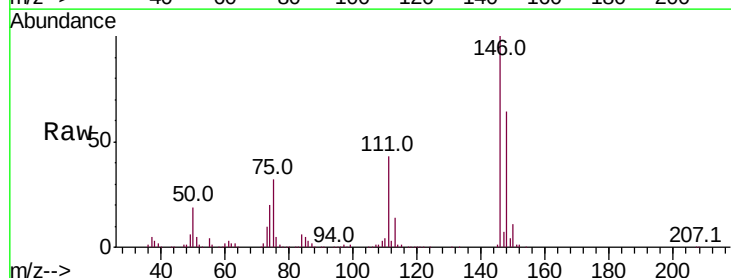
RT: 7.96 min Scan# 846

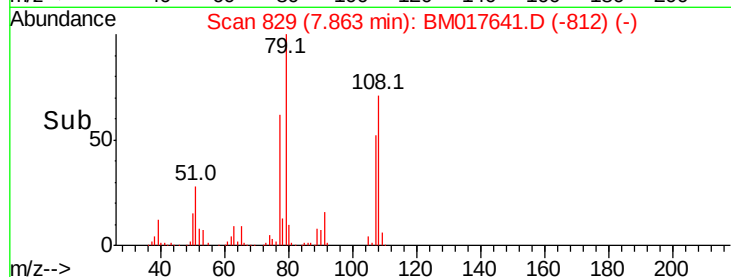
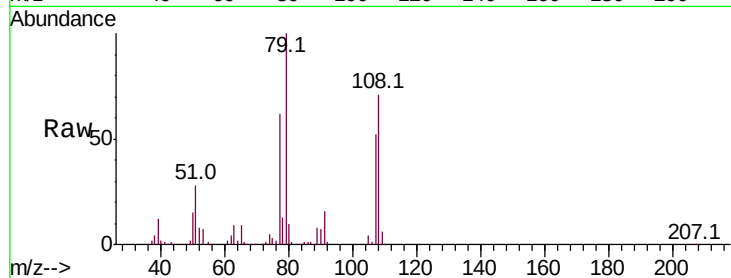
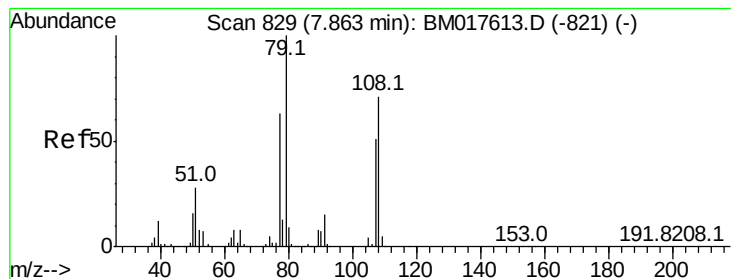
Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Tgt Ion:	146	Resp:	654542
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.6	77.4
111	43.5	35.8	53.8





#15

Benzyl Alcohol

Concen: 43.619 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Tot Ion:	79	Resp:	573092
Ion Ratio	Lower	Upper	
79	100		
108	71.3	57.1	85.7
77	62.4	50.4	75.6

Instrument :

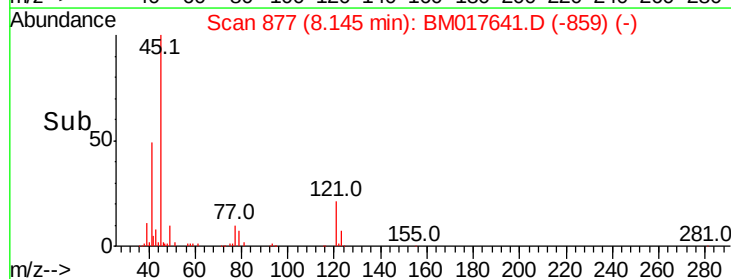
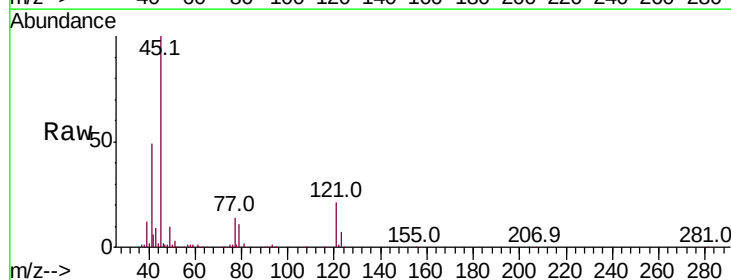
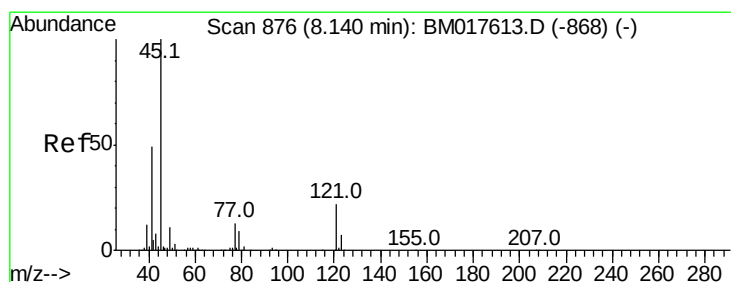
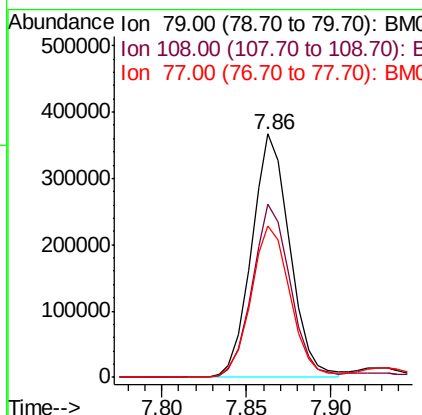
BNA_M

ClientSampleId :

PB114777BSD

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.493 ng

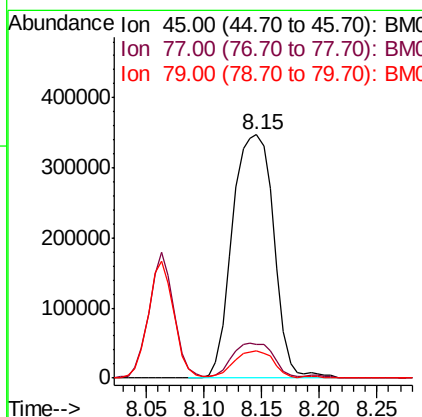
RT: 8.15 min Scan# 877

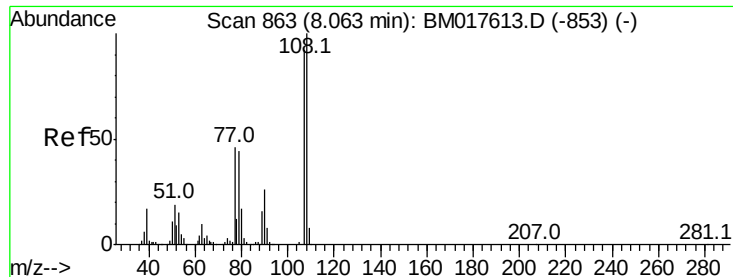
Delta R.T. 0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Tgt Ion:	45	Resp:	863602
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	34.2
79	11.0	0.0	30.5





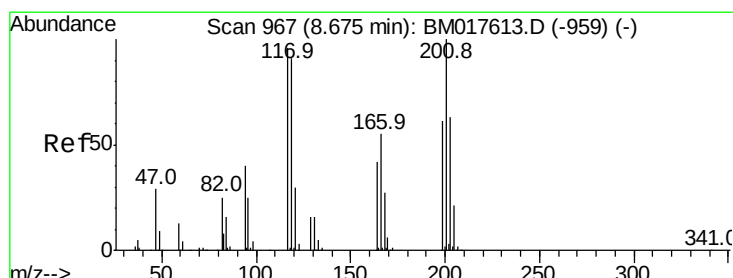
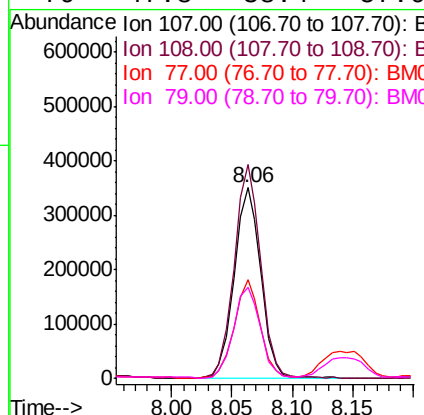
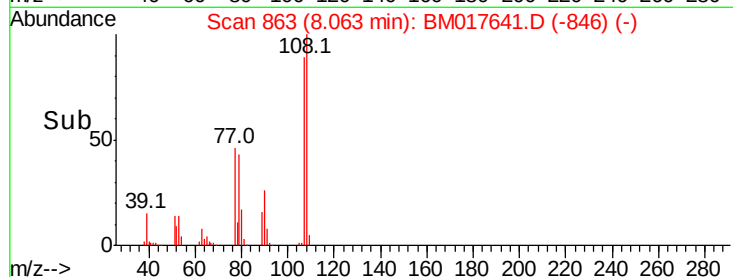
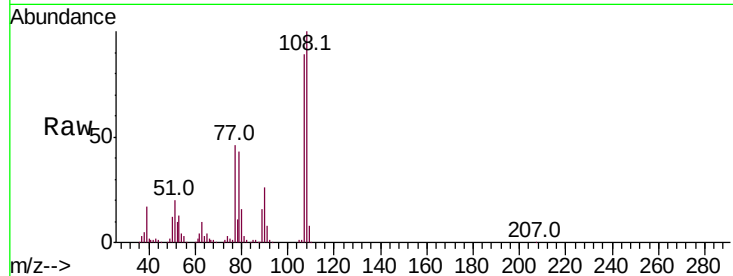
#17
2-Methylphenol
Concen: 45.900 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	86.7	130.1	
77	51.5	39.8	59.6	
79	47.8	38.4	57.6	

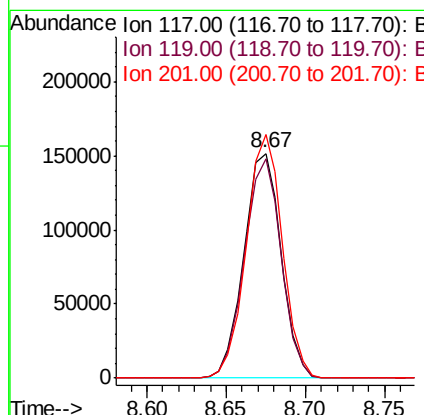
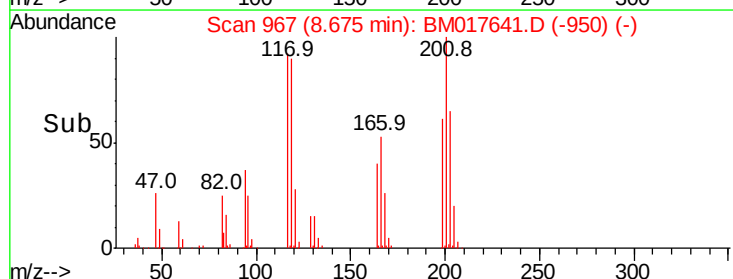
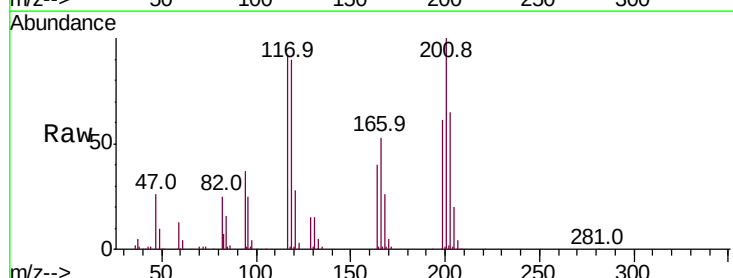
Manual Integrations
APPROVED

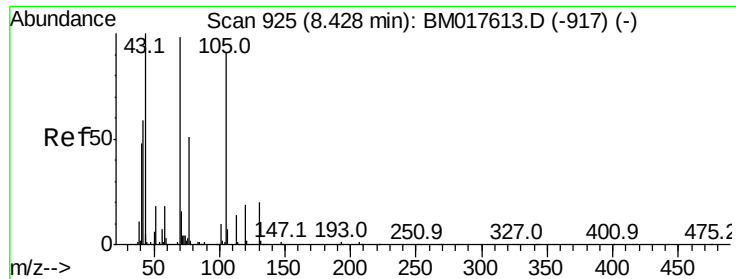
Sohil
11/14/2018 5:18:21 PM



#18
Hexachloroethane
Concen: 43.266 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	75.8	113.8	
201	108.4	83.0	124.4	





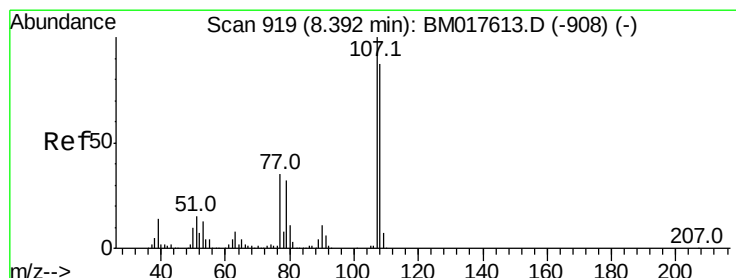
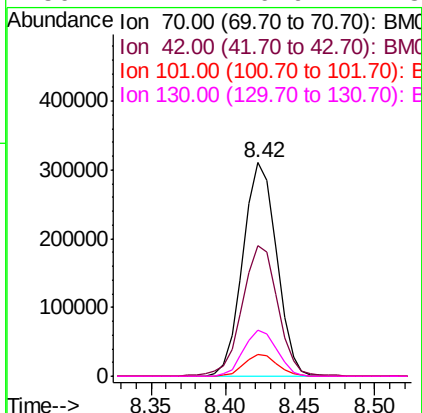
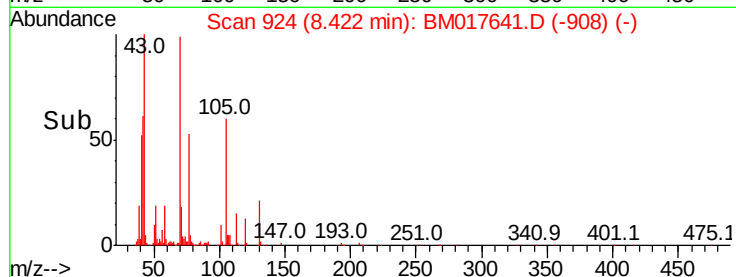
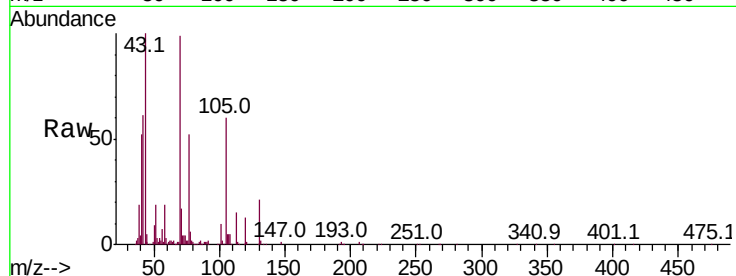
#19
n-Nitroso-di-n-propylamine
Concen: 41.271 ng
RT: 8.42 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.4	48.6	73.0
101	10.2	7.9	11.9
130	21.4	16.6	24.8

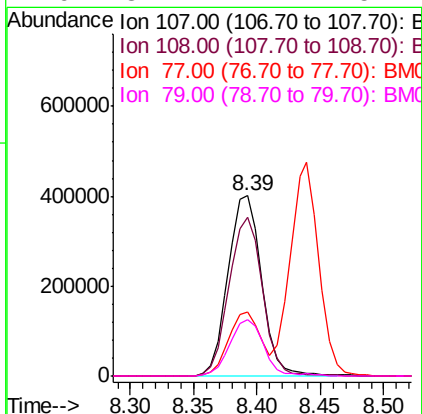
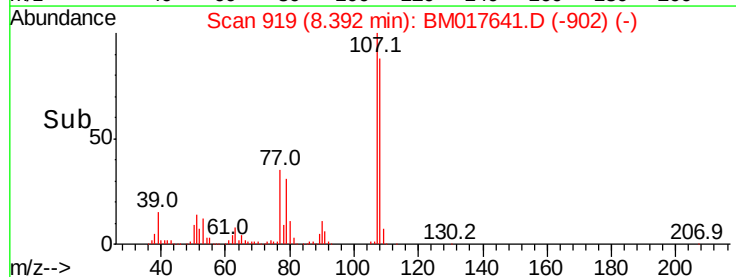
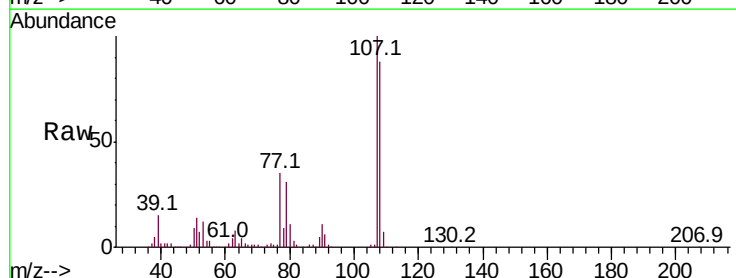
Manual Integrations
APPROVED

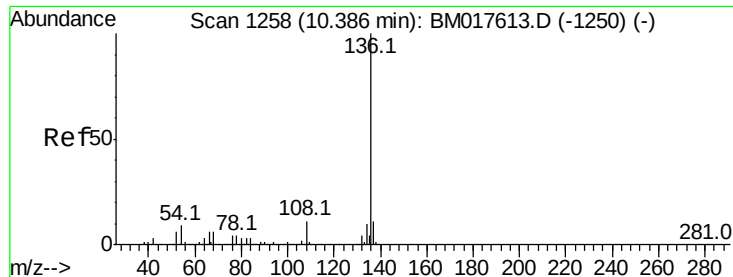
Sohil
11/14/2018 5:18:21 PM



#20
3+4-Methylphenols
Concen: 45.365 ng
RT: 8.39 min Scan# 919
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.0	107.0
77	35.3	15.6	55.6
79	31.4	11.7	51.7





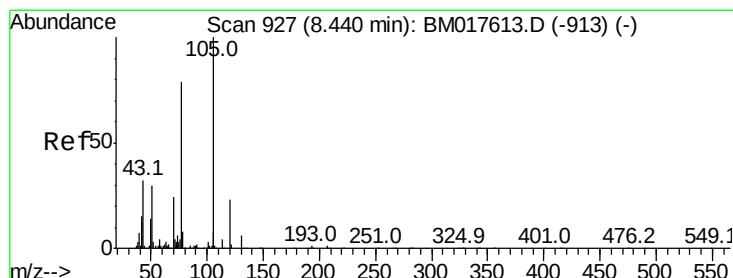
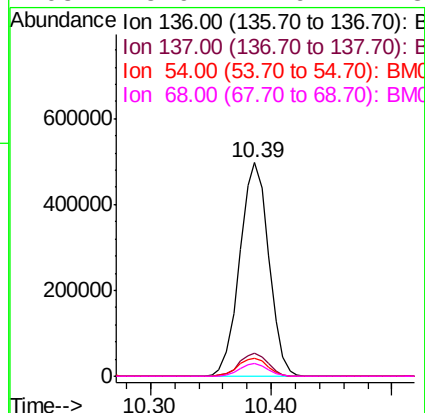
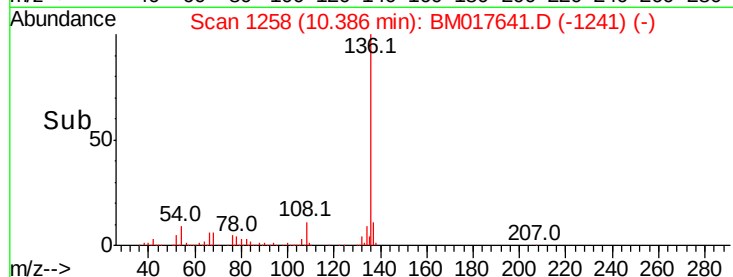
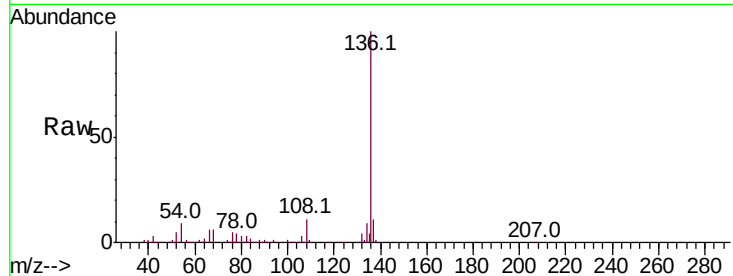
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	836627		
137	10.6		8.6	12.8
54	8.7		7.0	10.6
68	5.9		4.9	7.3

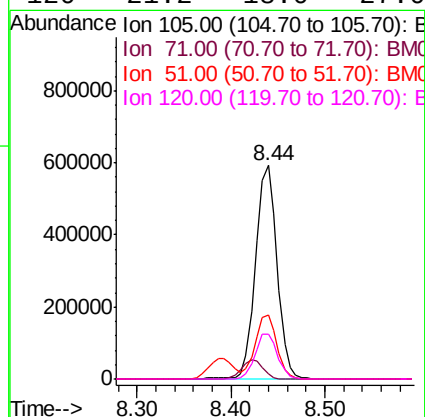
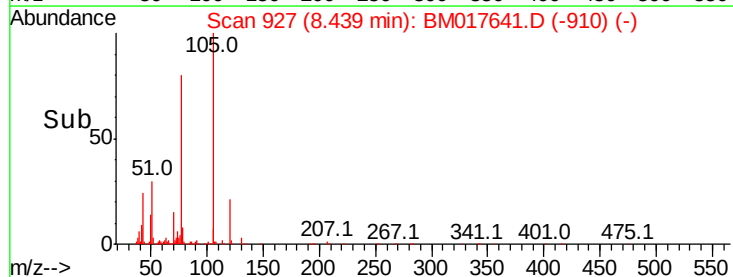
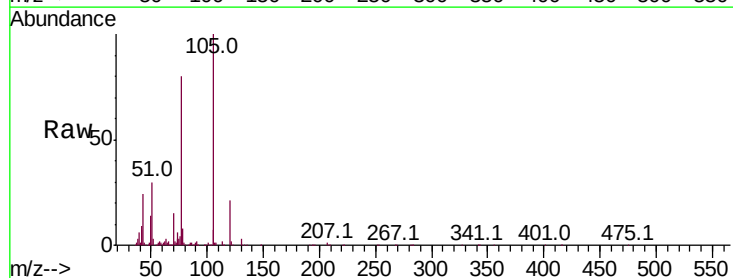
Manual Integrations
APPROVED

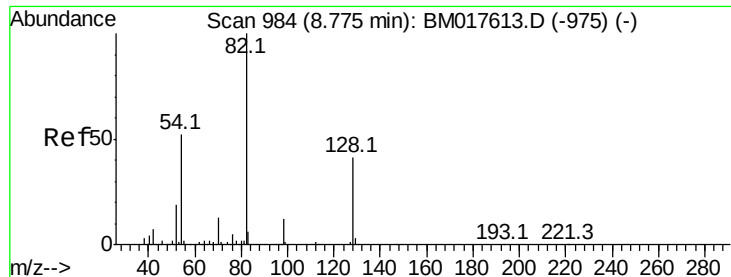
Sohil
11/14/2018 5:18:21 PM



#22
Acetophenone
Concen: 45.193 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	943653		
71	2.5		3.1	4.7#
51	30.0		23.8	35.8
120	21.2		18.0	27.0





#23

Nitrobenzene-d5

Concen: 66.497 ng

RT: 8.77 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

Tot Ion: 82 Resp: 1077635

Ion Ratio Lower Upper

82 100

128 41.5 33.0 49.4

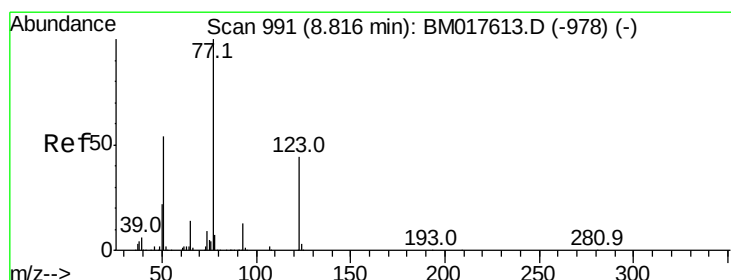
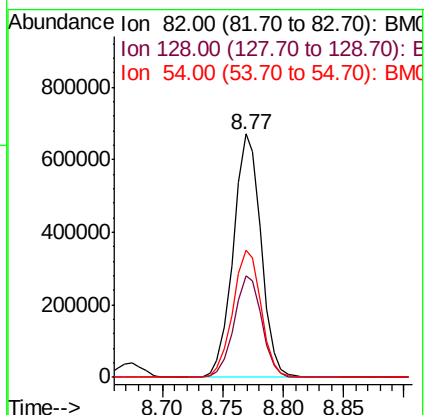
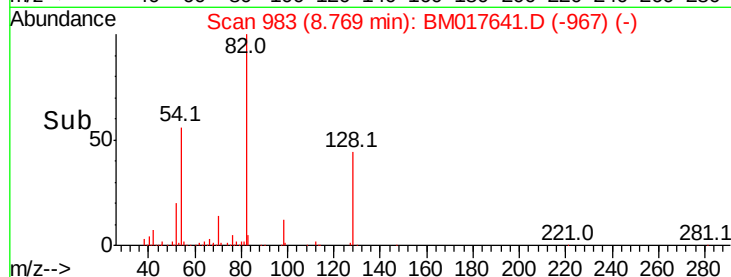
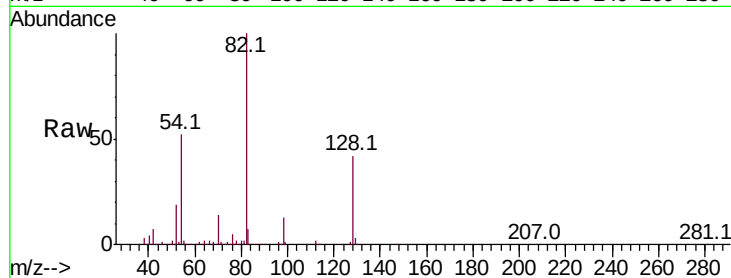
54 52.5 41.4 62.2

Manual Integrations

APPROVED

Sohil

11/14/2018 5:18:21 PM



#24

Nitrobenzene

Concen: 43.862 ng

RT: 8.81 min Scan# 990

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

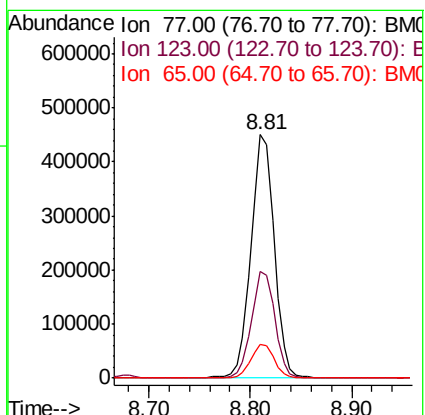
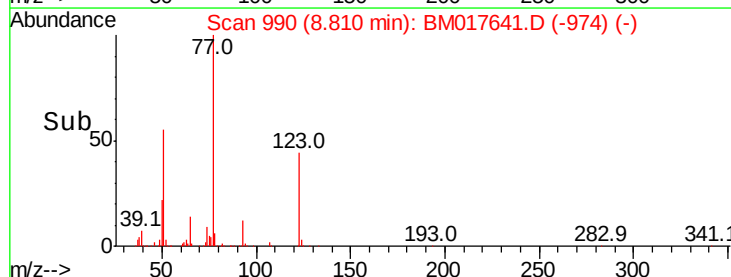
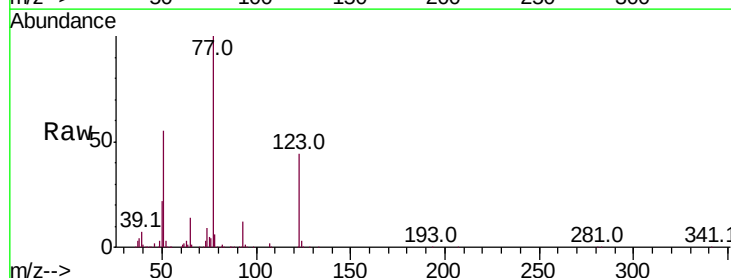
Tgt Ion: 77 Resp: 721191

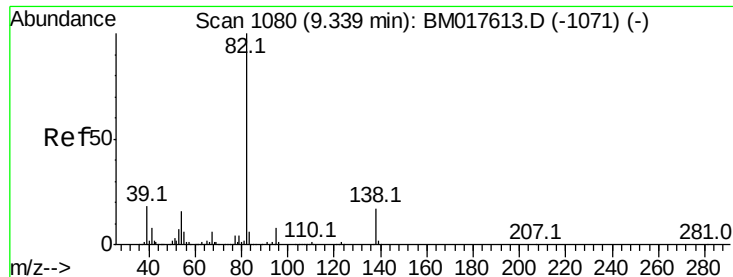
Ion Ratio Lower Upper

77 100

123 43.7 35.1 52.7

65 13.6 11.0 16.6





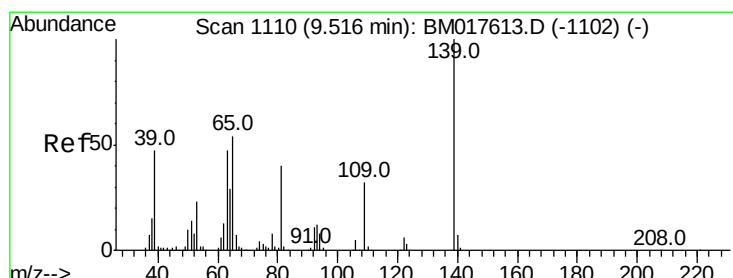
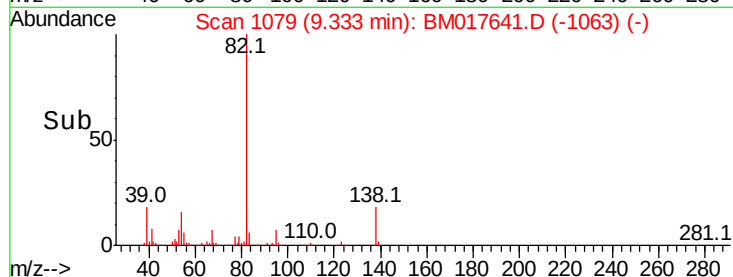
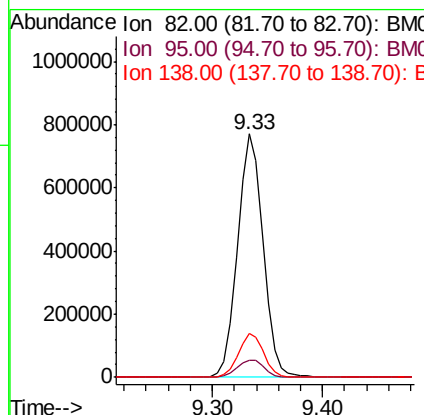
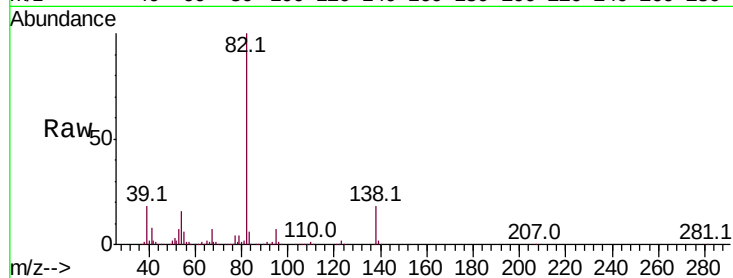
#25
Isophorone
Concen: 50.137 ng
RT: 9.33 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleID :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	6.1	9.1
138	17.9	13.9	20.9

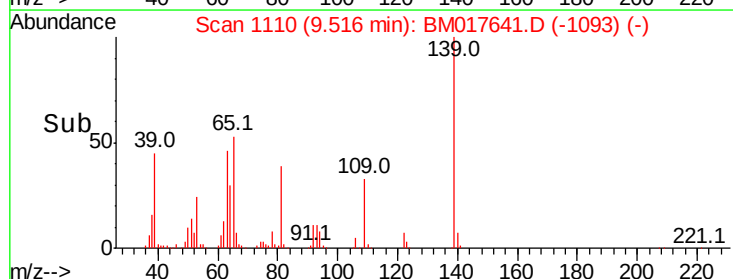
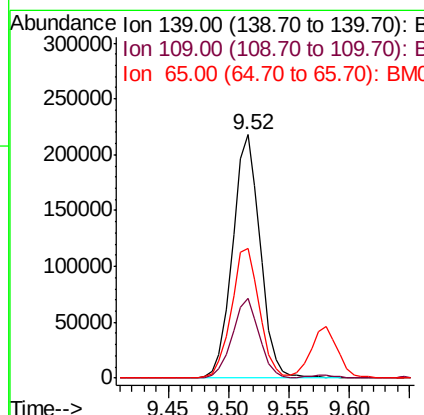
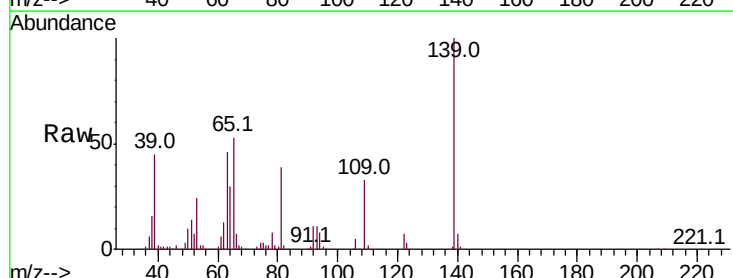
Manual Integrations
APPROVED

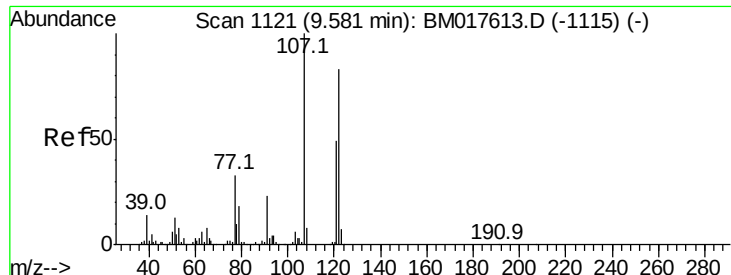
Sohil
11/14/2018 5:18:21 PM



#26
2-Nitrophenol
Concen: 45.854 ng
RT: 9.52 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.7	25.9	38.9
65	53.3	43.0	64.4





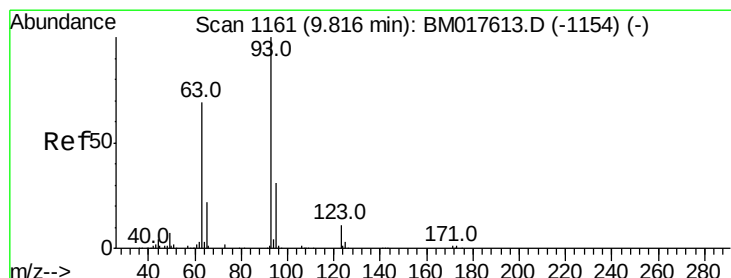
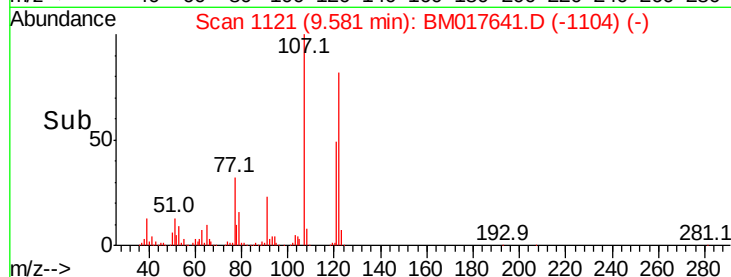
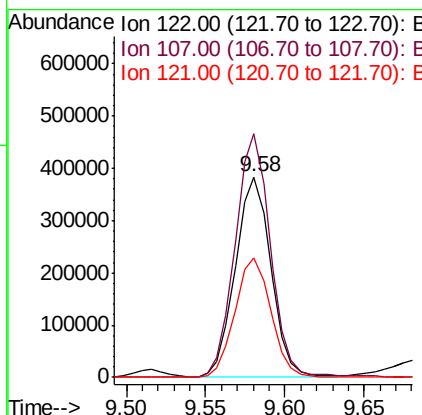
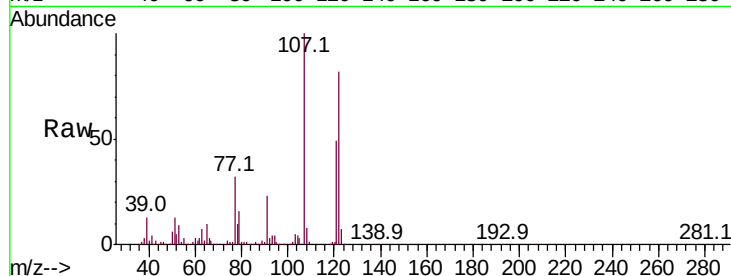
#27
2,4-Dimethylphenol
Concen: 54.396 ng
RT: 9.58 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.4	95.8	143.8
121	59.9	47.2	70.8

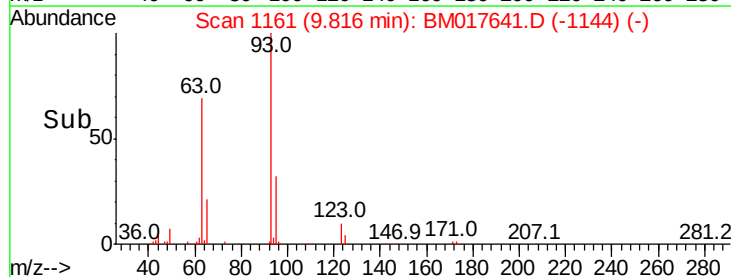
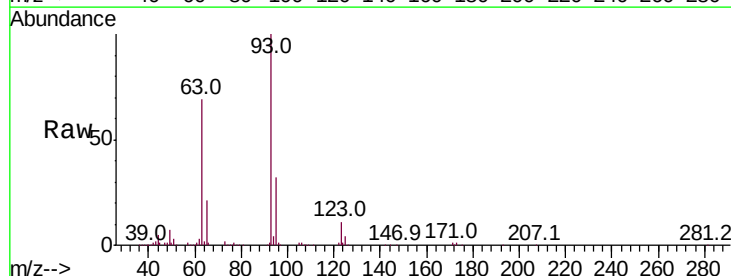
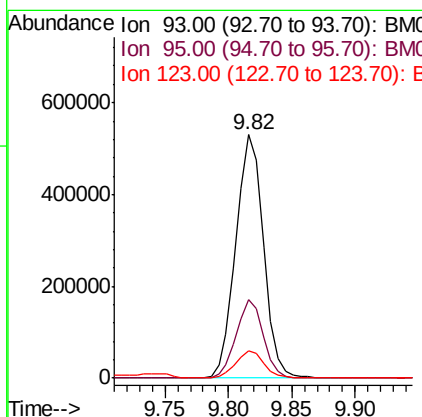
Manual Integrations
APPROVED

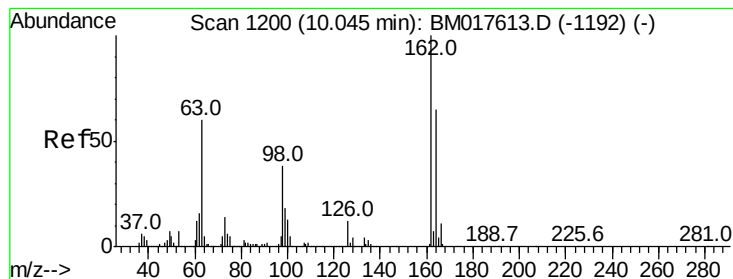
Sohil
11/14/2018 5:18:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.339 ng
RT: 9.82 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	24.9	37.3
123	11.0	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 48.931 ng

RT: 10.05 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

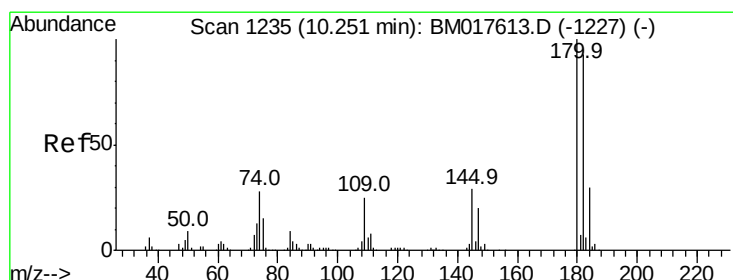
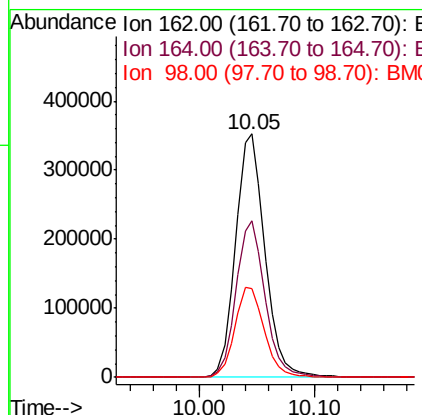
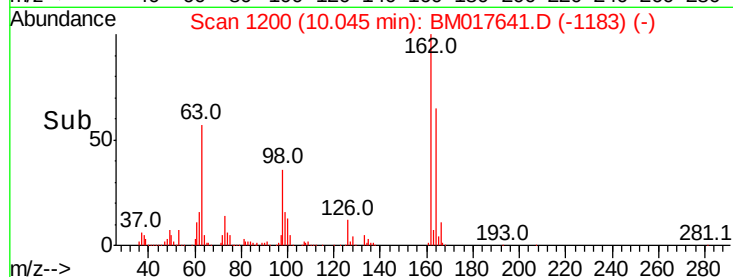
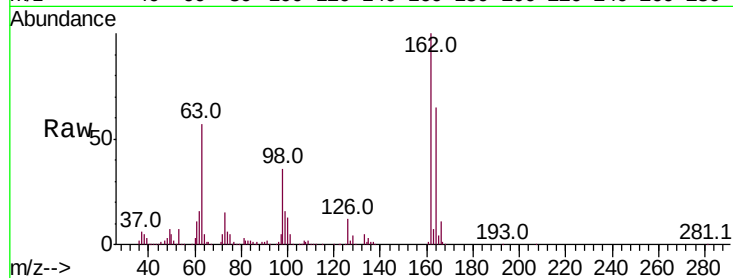
ClientSampleId :

PB114777BSD

Tot Ion:	162	Resp:	619977
Ion Ratio	Lower	Upper	
162	100		
164	64.5	45.0	85.0
98	36.4	17.5	57.5

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 PM



#30

1,2,4-Trichlorobenzene

Concen: 43.884 ng

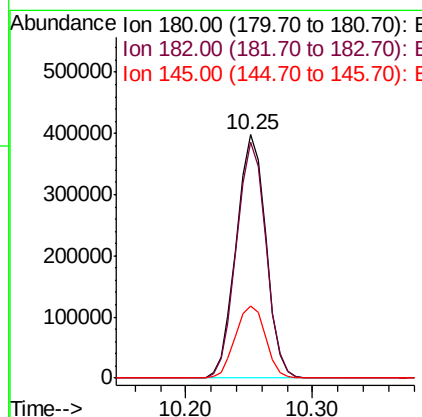
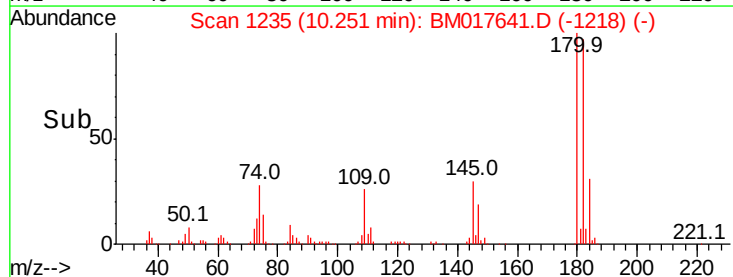
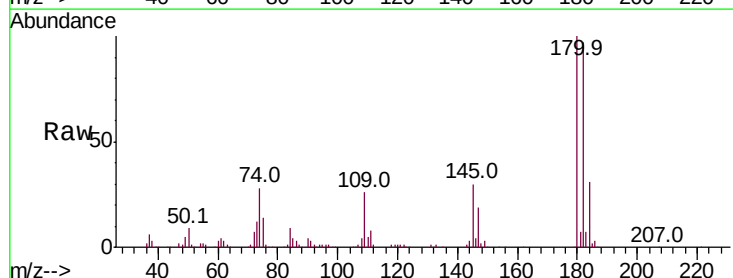
RT: 10.25 min Scan# 1235

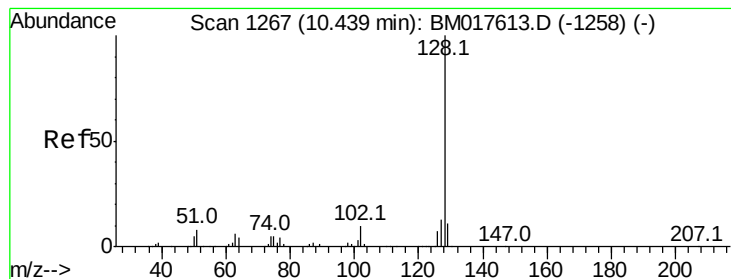
Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Tgt Ion:	180	Resp:	646697
Ion Ratio	Lower	Upper	
180	100		
182	97.1	74.4	111.6
145	29.7	23.5	35.3





#31

Naphthalene

Concen: 47.439 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

Tot Ion:128 Resp: 1951364

Ion Ratio Lower Upper

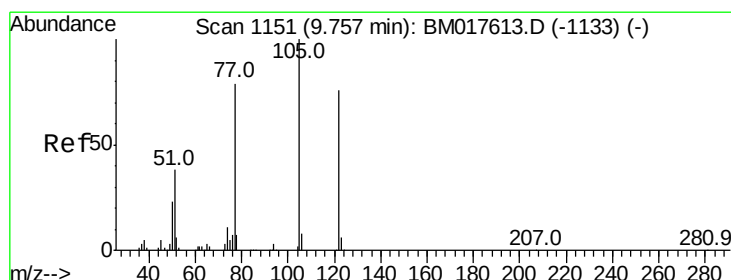
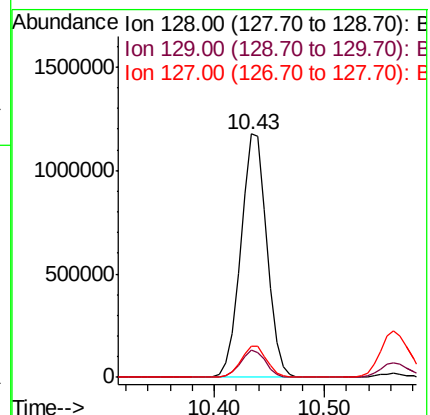
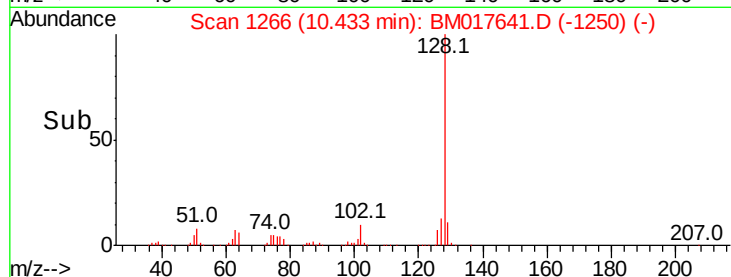
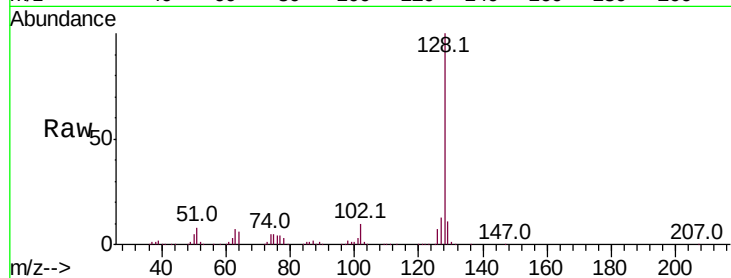
128 100

129 11.2 8.6 12.8

127 13.0 10.3 15.5

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 PM



#32

Benzoic acid

Concen: 42.643 ng m

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

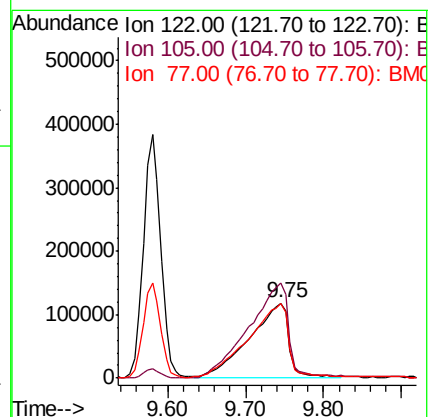
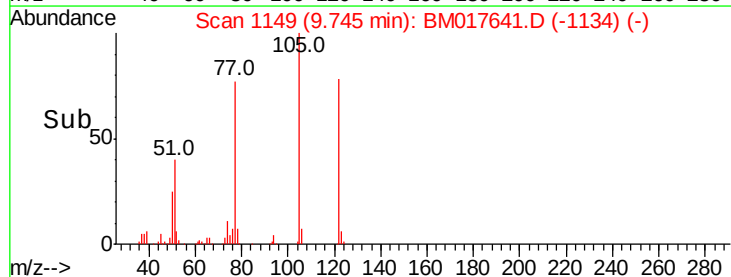
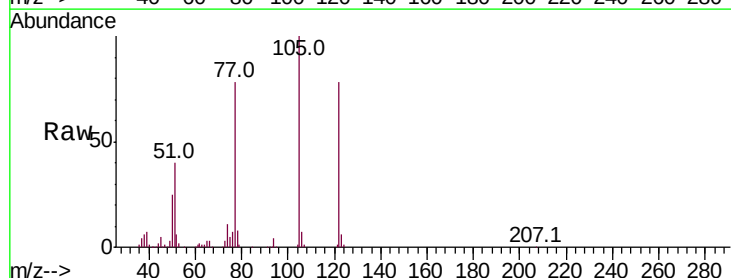
Tgt Ion:122 Resp: 421628

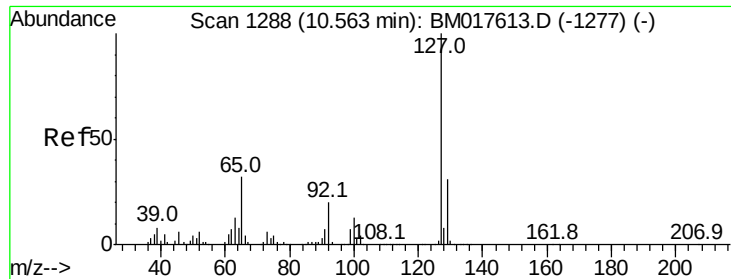
Ion Ratio Lower Upper

122 100

105 127.9 109.1 149.1

77 99.9 82.1 122.1





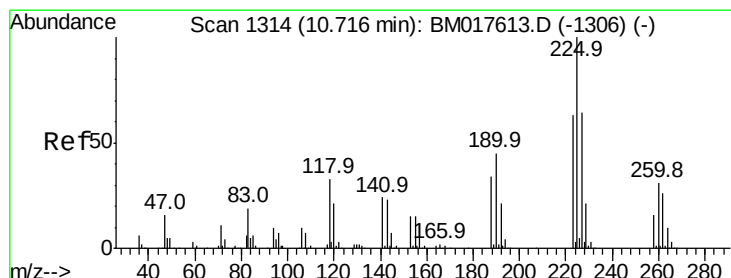
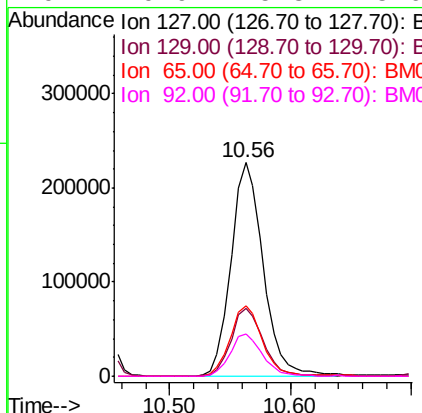
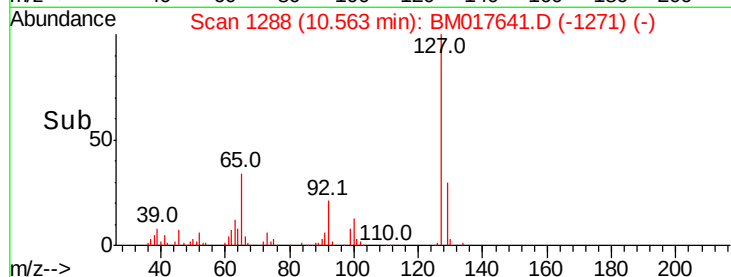
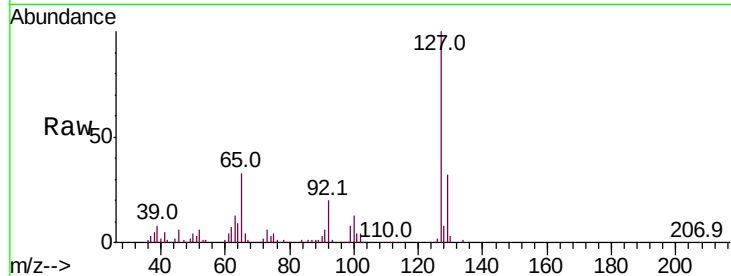
#33
4-Chloroaniline
Concen: 23.415 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	25.0	37.4	
65	33.2	25.8	38.8	
92	19.9	15.8	23.6	

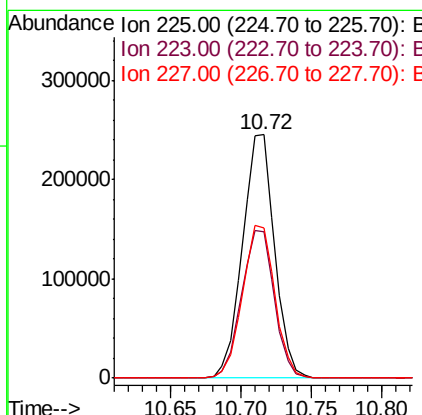
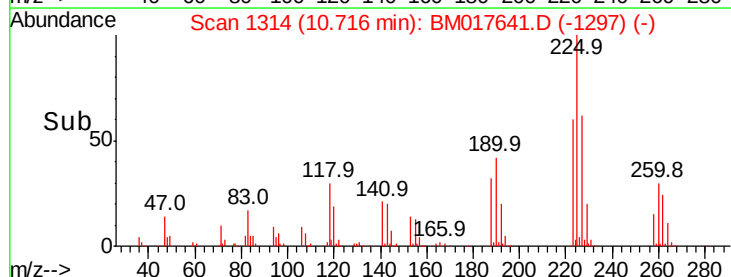
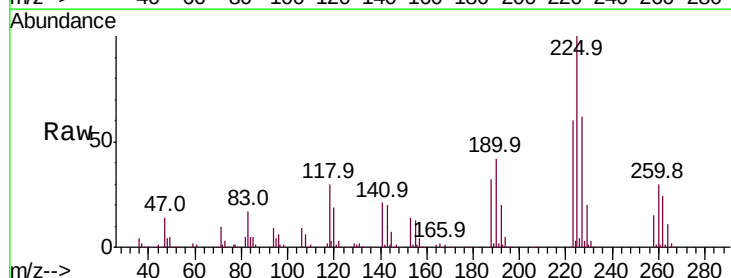
Manual Integrations
APPROVED

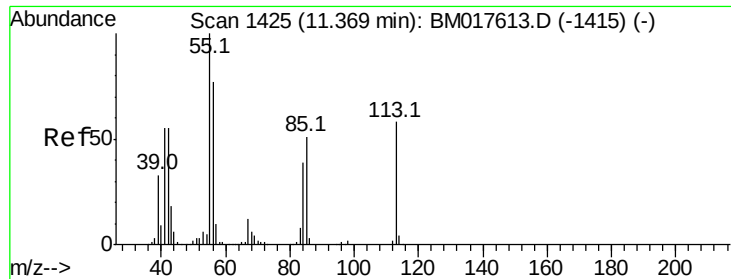
Sohil
11/14/2018 5:18:21 PM



#34
Hexachlorobutadiene
Concen: 42.672 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.2	50.7	76.1	
227	61.9	51.0	76.4	





#35

Caprolactam

Concen: 40.277 ng/mL

RT: 11.36 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleID :

PB114777BSD

Tot Ion:113 Resp: 187934

Ion Ratio Lower Upper

113 100

55 179.0 153.1 193.1

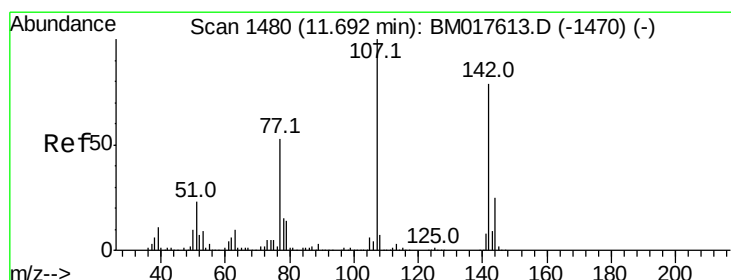
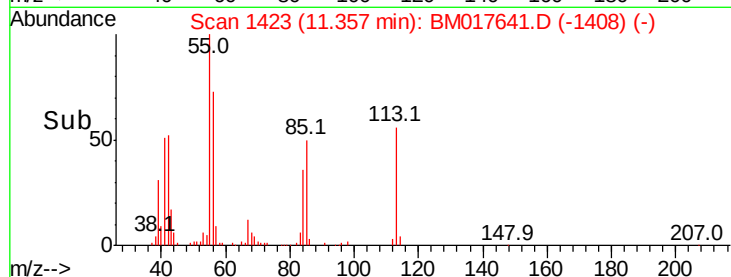
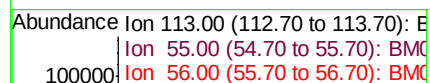
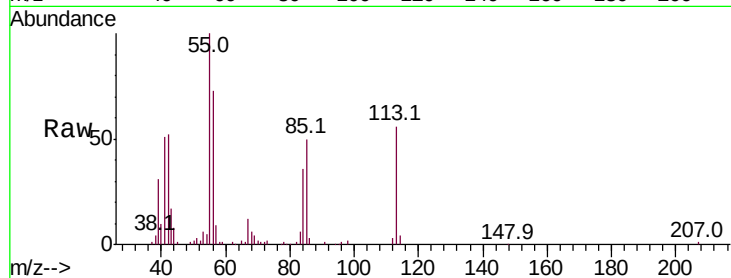
56 129.8 112.7 152.7

Manual Integrations

APPROVED

Sohil

11/14/2018 5:18:21 PM



#36

4-Chloro-3-methylphenol

Concen: 46.620 ng/mL

RT: 11.69 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

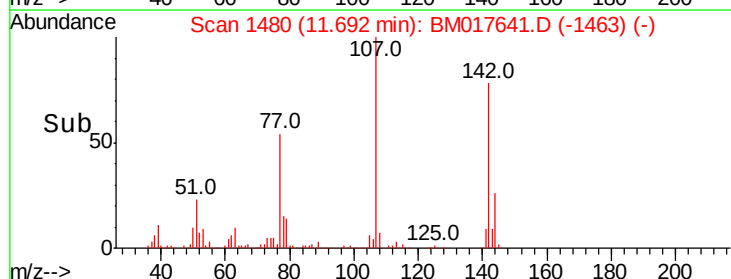
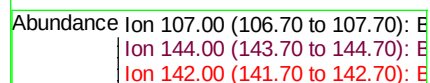
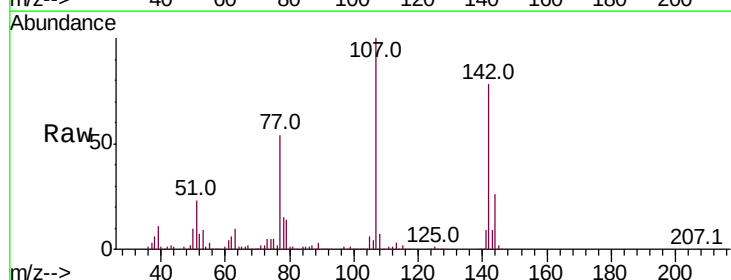
Tgt Ion:107 Resp: 681983

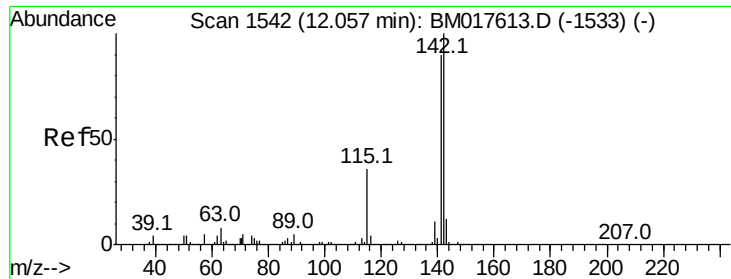
Ion Ratio Lower Upper

107 100

144 26.2 19.9 29.9

142 77.6 63.0 94.4





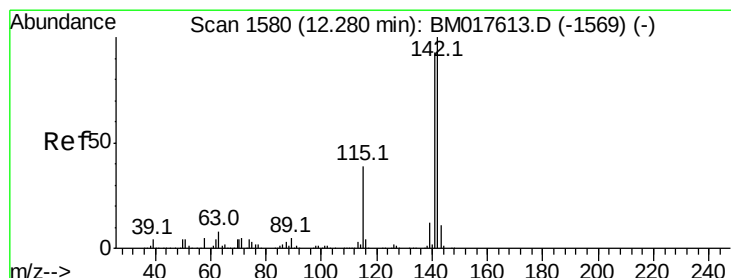
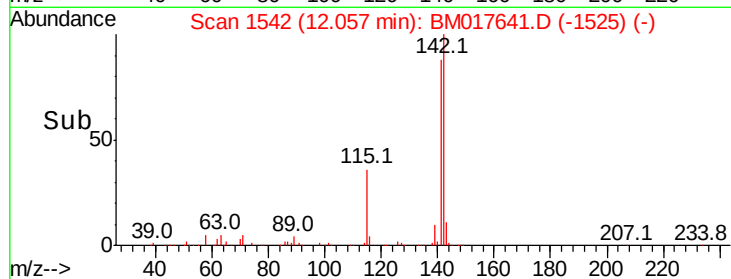
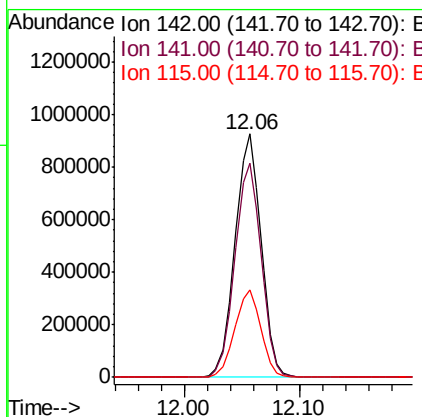
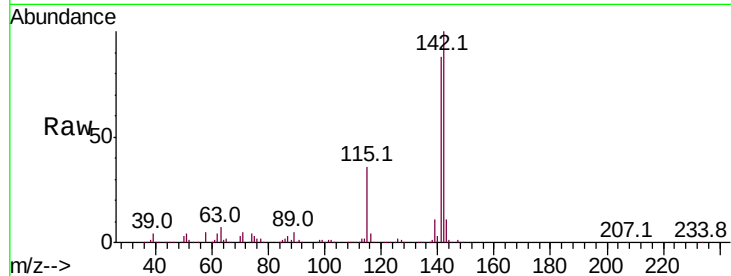
#37
2-Methylnaphthalene
Concen: 49.894 ng
RT: 12.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.2	108.4
115	35.8	28.5	42.7

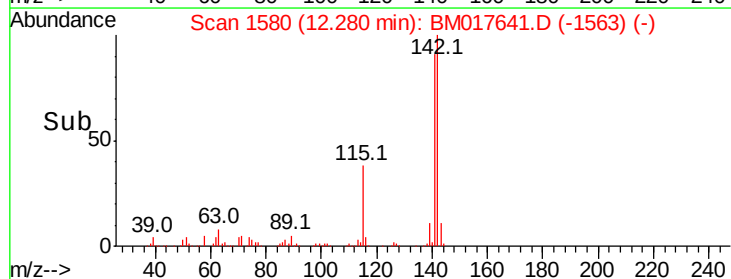
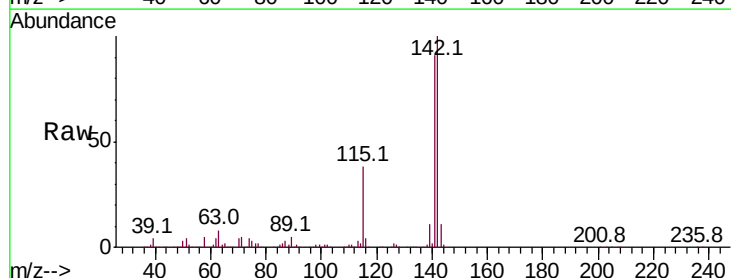
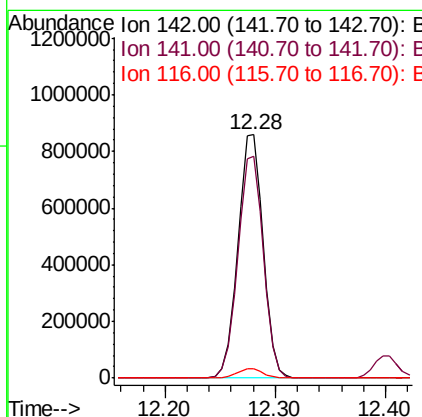
Manual Integrations
APPROVED

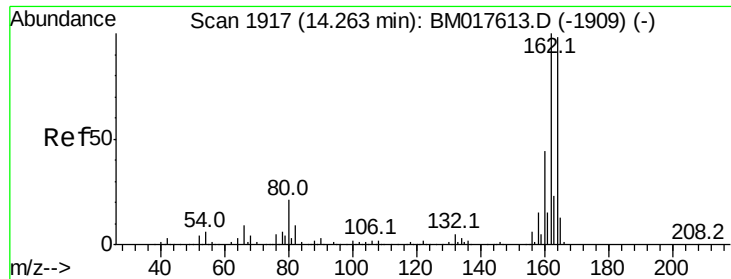
Sohil
11/14/2018 5:18:21 PM



#38
1-Methylnaphthalene
Concen: 48.296 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	74.2	111.4
116	3.7	3.1	4.7





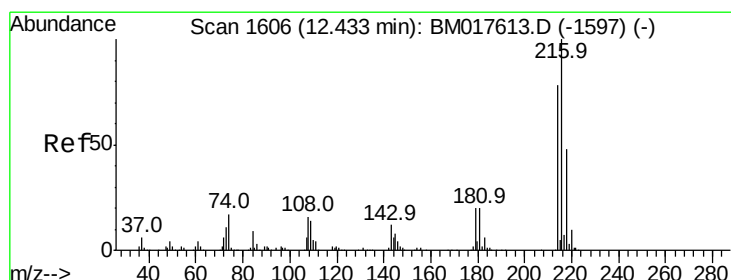
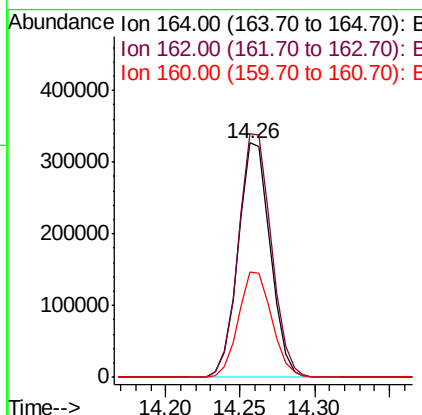
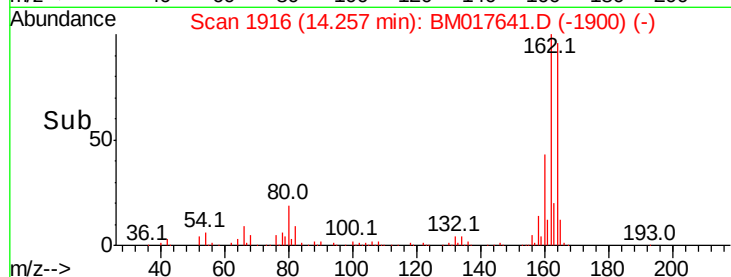
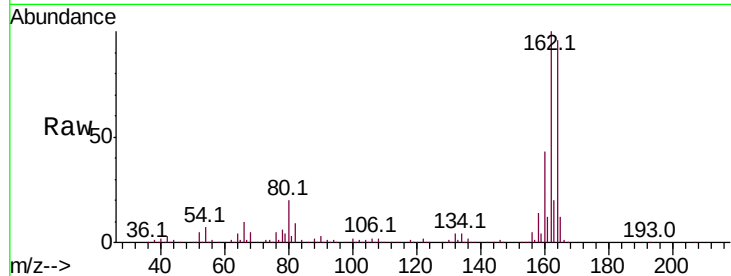
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.4	122.0
160	44.8	35.6	53.4

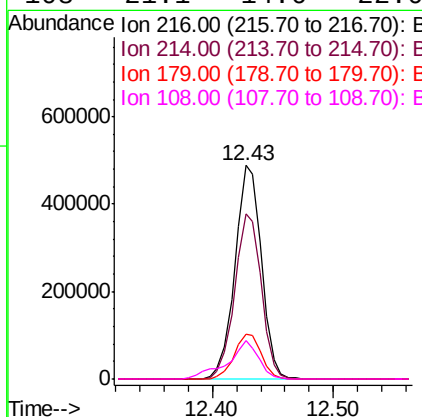
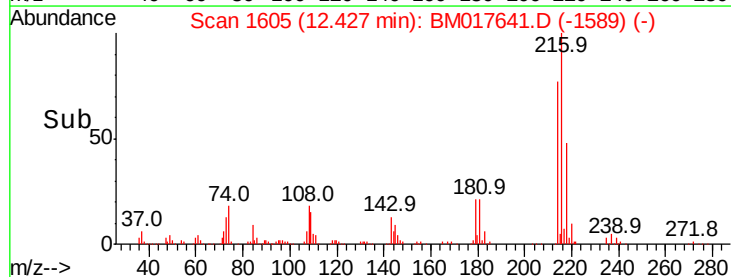
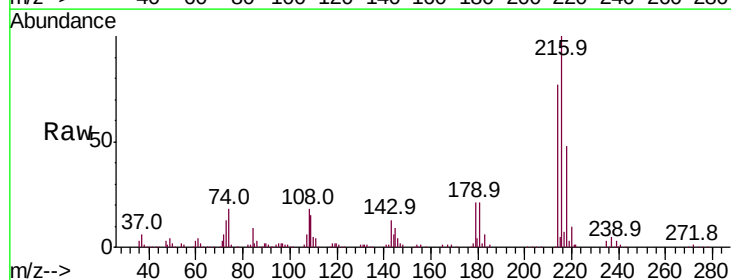
Manual Integrations
APPROVED

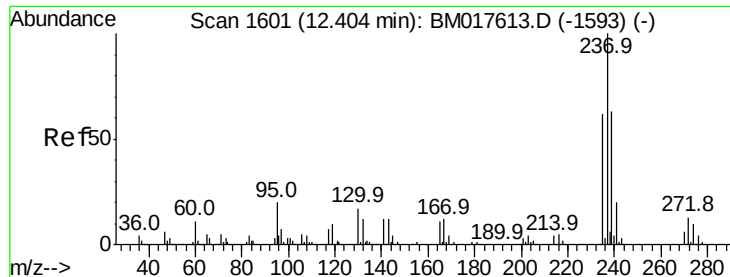
Sohil
11/14/2018 5:18:21 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.320 ng
RT: 12.43 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.5	93.7
179	21.5	16.8	25.2
108	21.1	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 114.814 ng

RT: 12.40 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

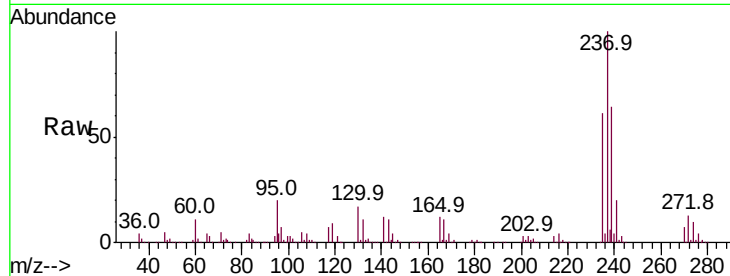
ClientSampleId :

PB114777BSD

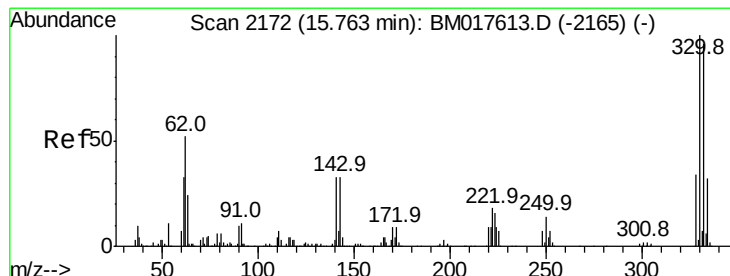
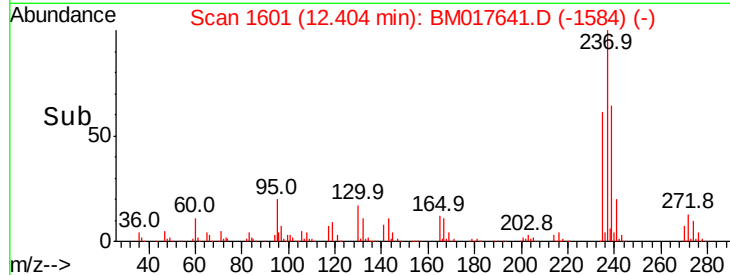
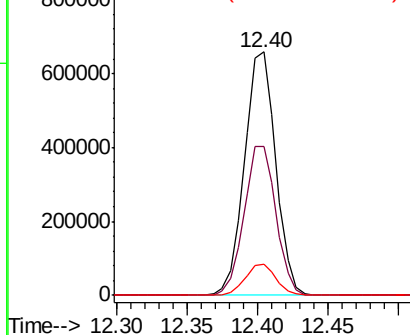
Tot Ion:	237	Resp:	1021991
Ion Ratio	Lower	Upper	
237	100		
235	61.2	42.2	82.2
272	13.0	0.0	32.6

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 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: 137.866 ng

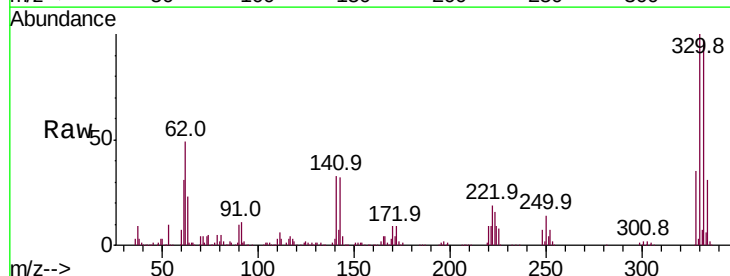
RT: 15.76 min Scan# 2172

Delta R.T. -0.00 min

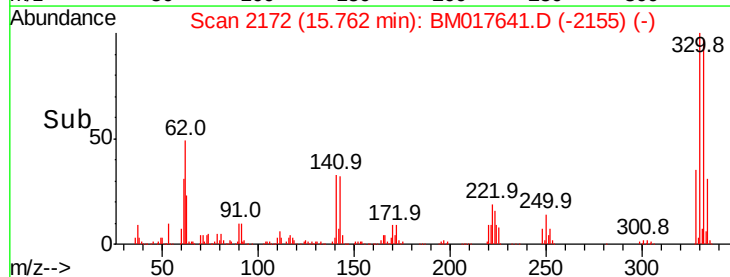
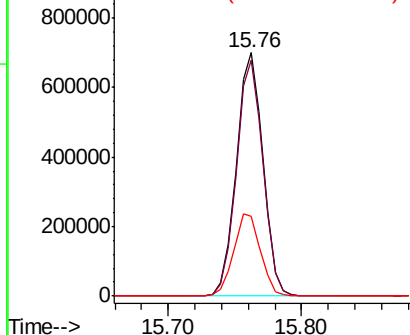
Lab File: BM017641.D

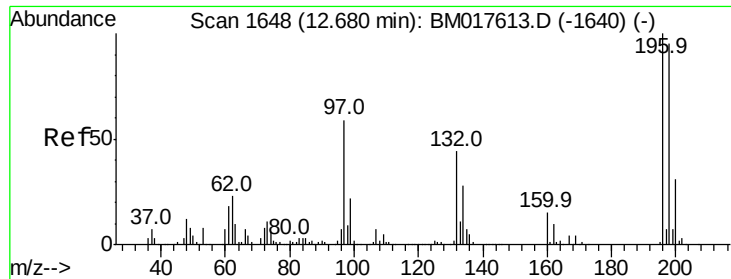
Acq: 14 Nov 2018 03:27

Tgt Ion:	330	Resp:	967702
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.9	116.9
141	34.2	27.5	41.3



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





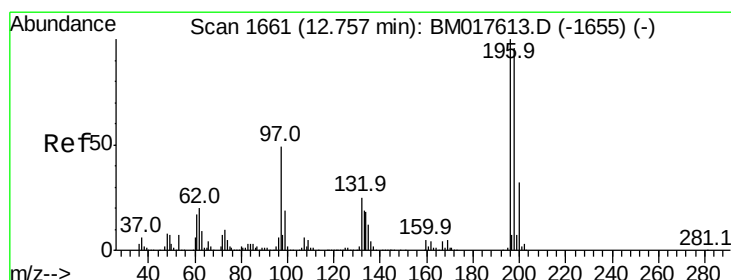
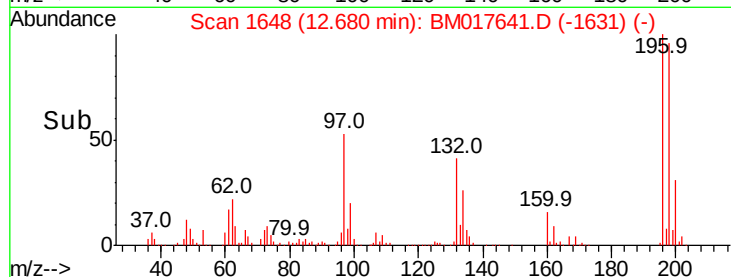
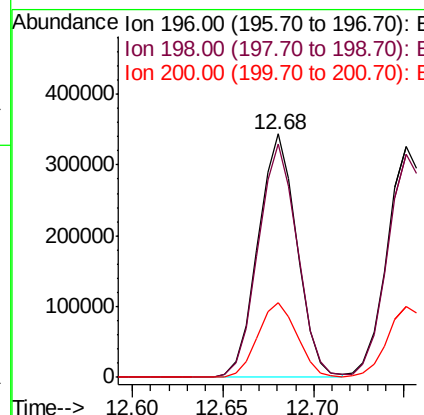
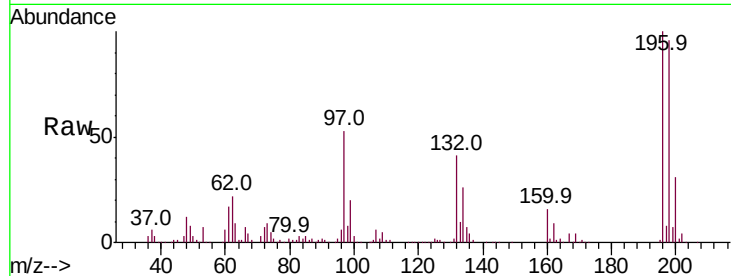
#43
 2,4,6-Trichlorophenol
 Concen: 47.397 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	511408		
198	95.8	75.6	113.4	
200	30.8	24.8	37.2	

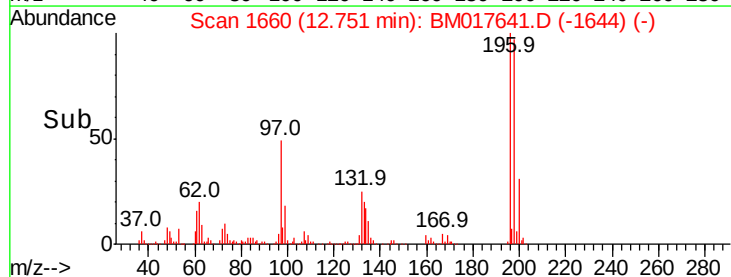
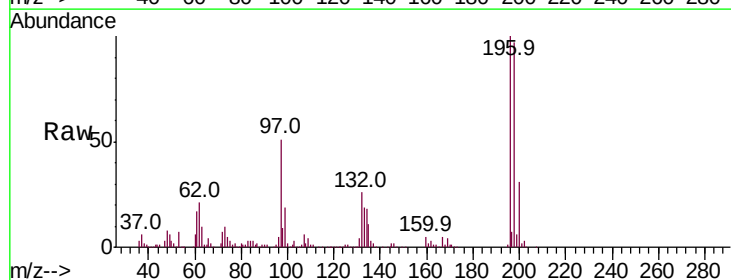
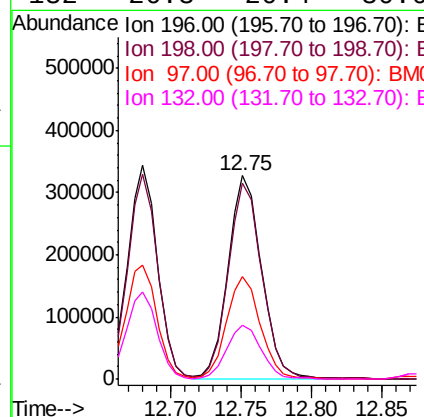
Manual Integrations
 APPROVED

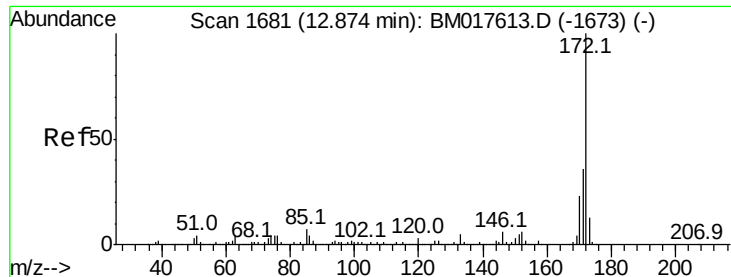
Sohil
 11/14/2018 5:18:21 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.282 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	538665		
198	96.6	76.8	115.2	
97	50.7	39.0	58.6	
132	26.3	20.4	30.6	





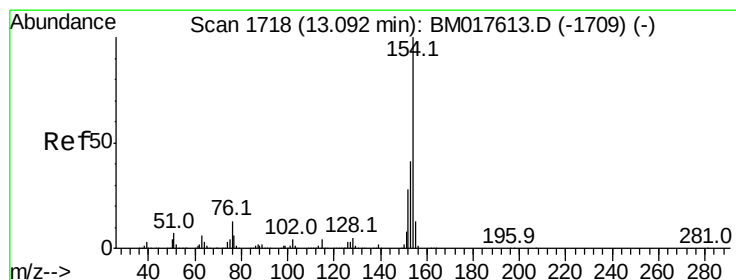
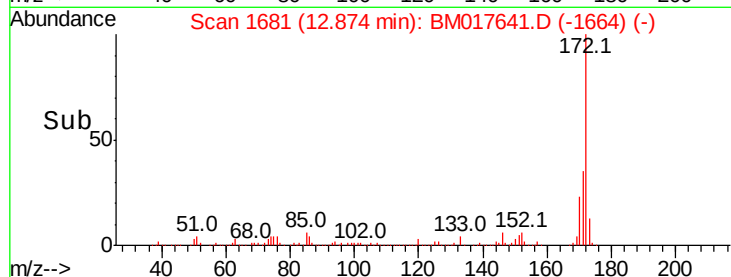
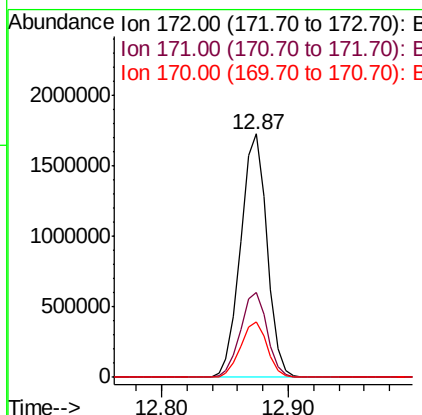
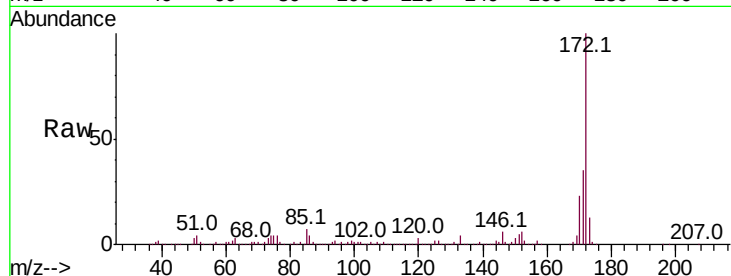
#45
2-Fluorobiphenyl
Concen: 65.951 ng
RT: 12.87 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.7	43.1
170	22.7	18.3	27.5

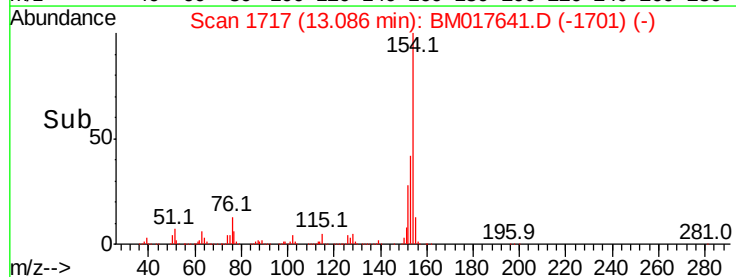
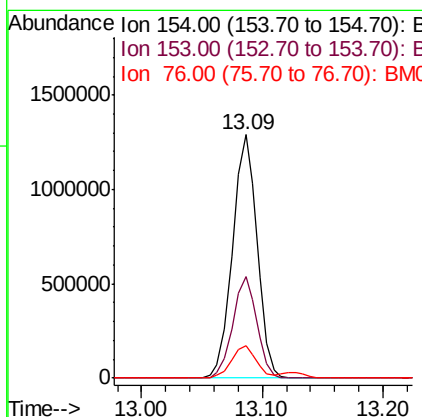
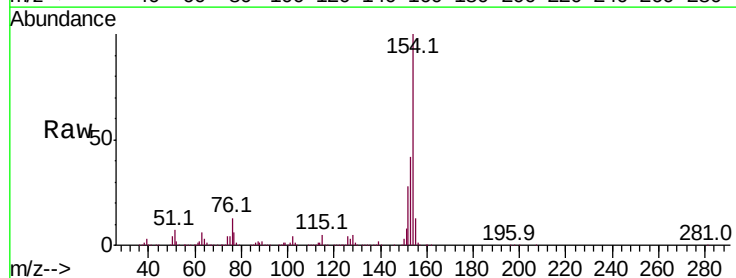
Manual Integrations
APPROVED

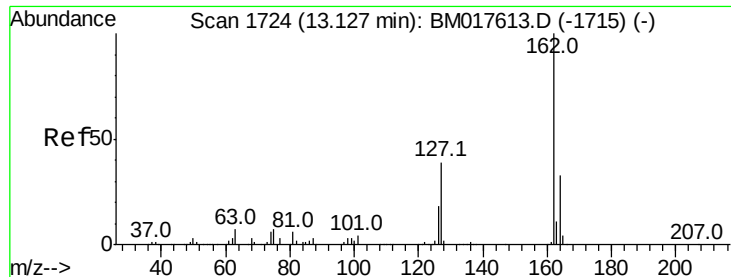
Sohil
11/14/2018 5:18:21 PM



#46
1,1'-Biphenyl
Concen: 41.783 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.8	60.8
76	13.3	0.0	32.8





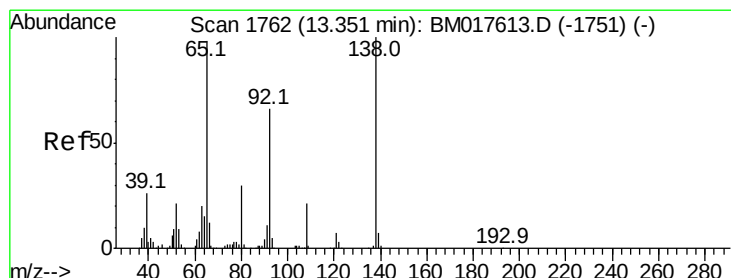
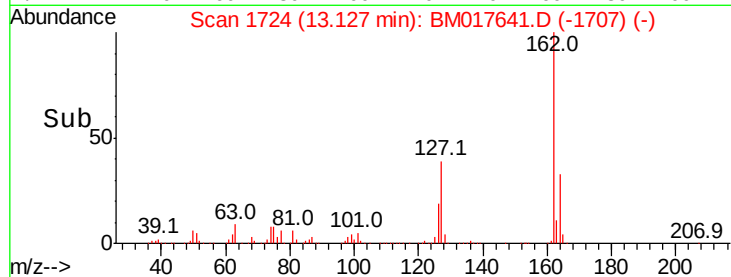
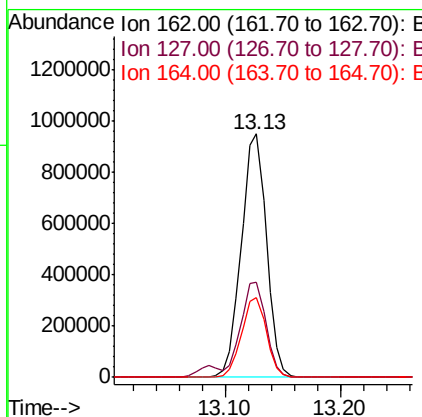
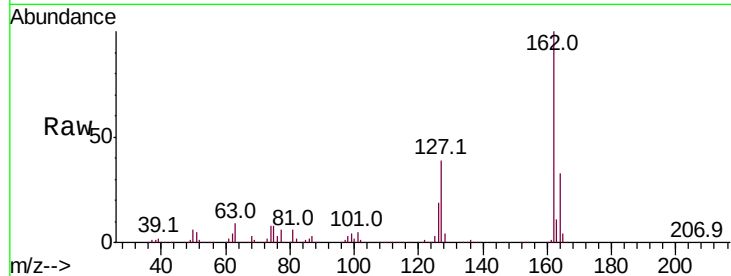
#47
 2-Chloronaphthalene
 Concen: 44.282 ng
 RT: 13.13 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.6	48.8
164	32.5	26.5	39.7

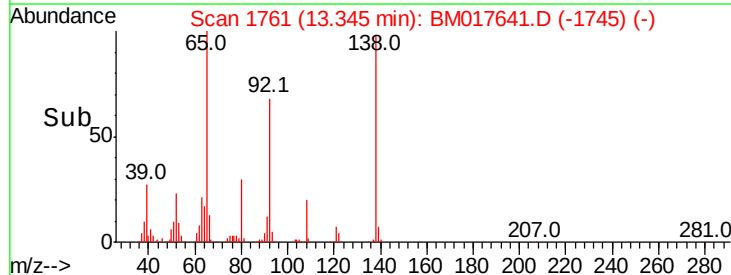
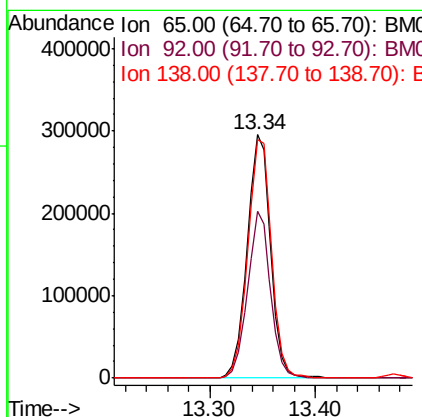
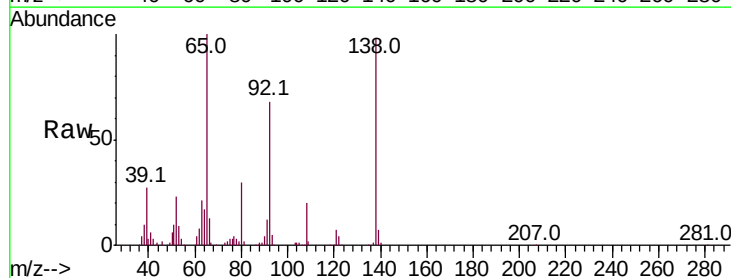
Manual Integrations
 APPROVED

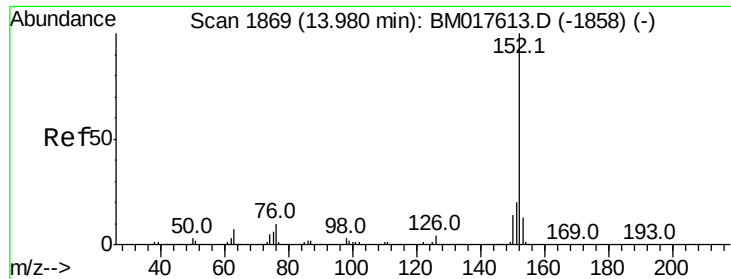
Sohil
 11/14/2018 5:18:21 PM



#48
 2-Nitroaniline
 Concen: 45.360 ng
 RT: 13.34 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.4	53.7	80.5
138	97.8	81.5	122.3





#49

Acenaphthylene

Concen: 48.265 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

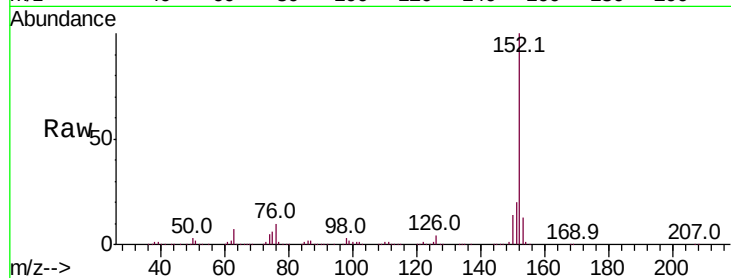
ClientSampleId :

PB114777BSD

Tot Ion:	152	Resp:	2360157
Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.8	10.5	15.7

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 PM

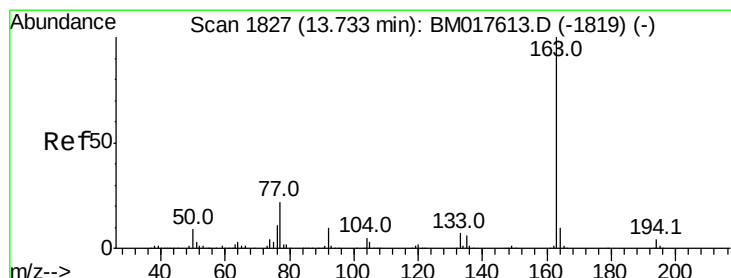
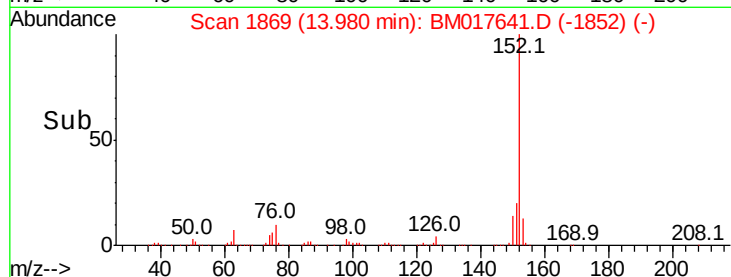
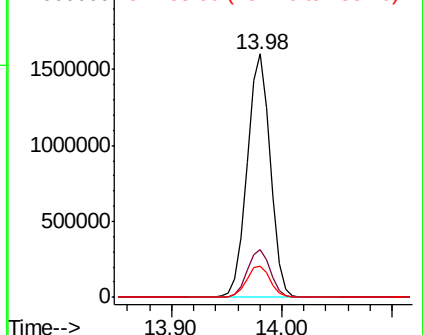


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.894 ng

RT: 13.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

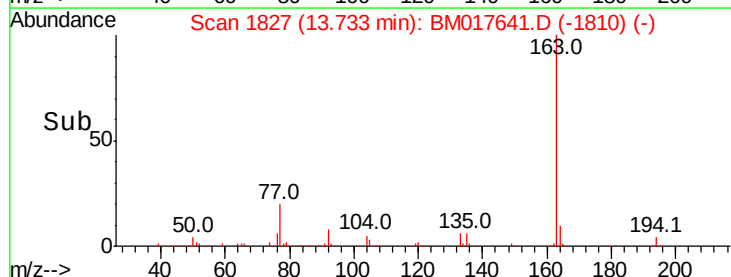
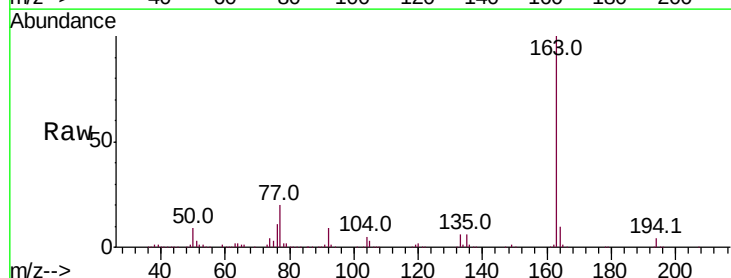
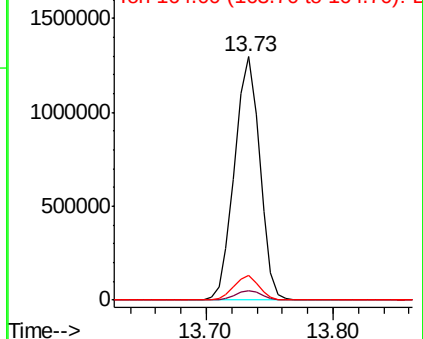
Tgt Ion:	163	Resp:	1783089
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.1	8.2	12.4

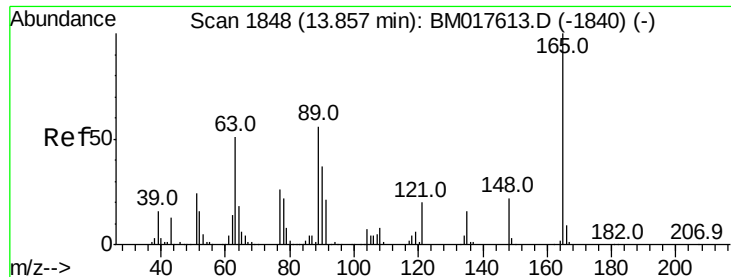
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





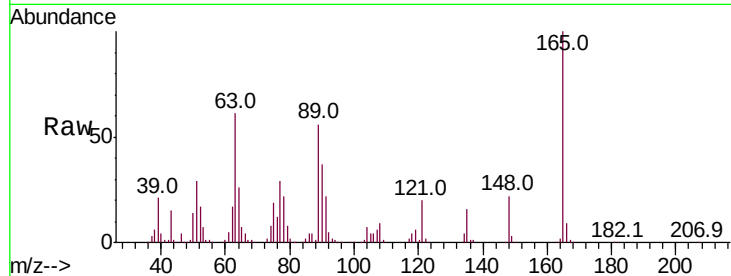
#51
2,6-Dinitrotoluene
Concen: 45.441 ng
RT: 13.85 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	401881		
63	61.0	47.3	70.9	
89	56.2	44.8	67.2	

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 PM

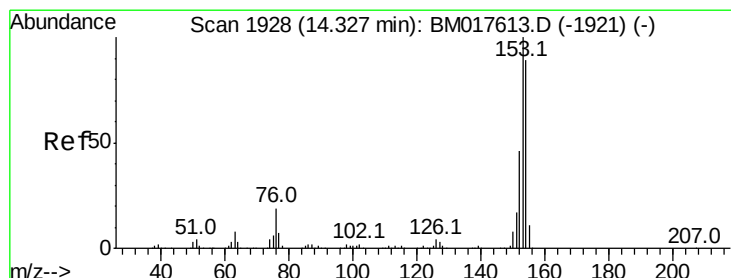
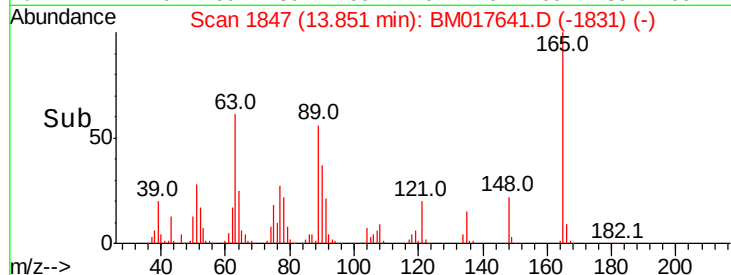
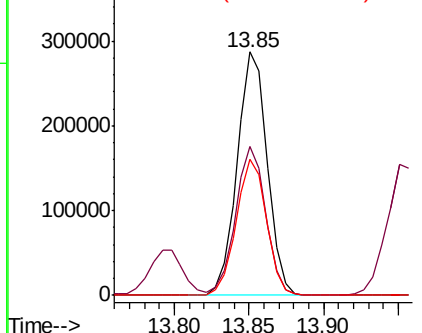


Abundance

Ion 165.00 (164.70 to 165.70): E

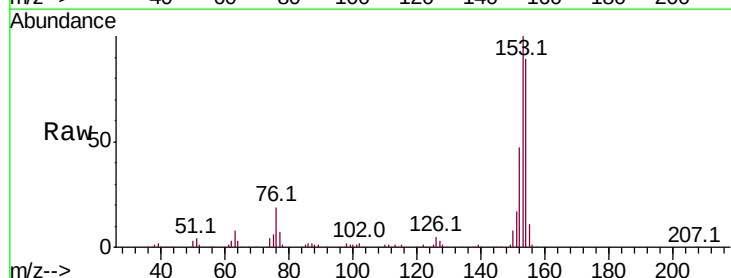
Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52
Acenaphthene
Concen: 45.184 ng
RT: 14.33 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1355981		
153	112.7	90.2	135.4	
152	52.9	41.6	62.4	

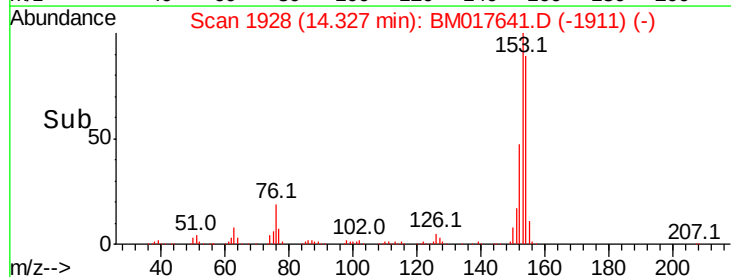
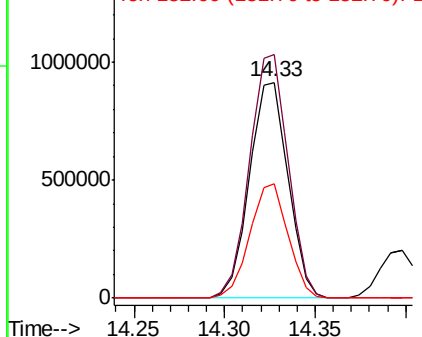


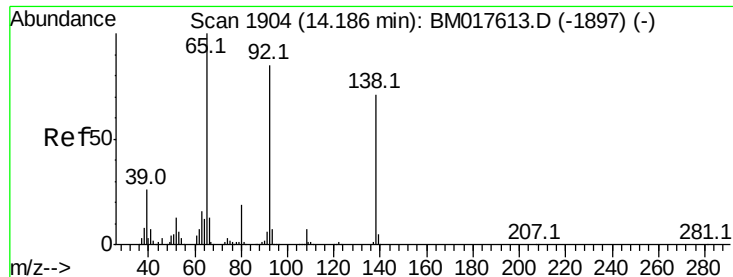
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





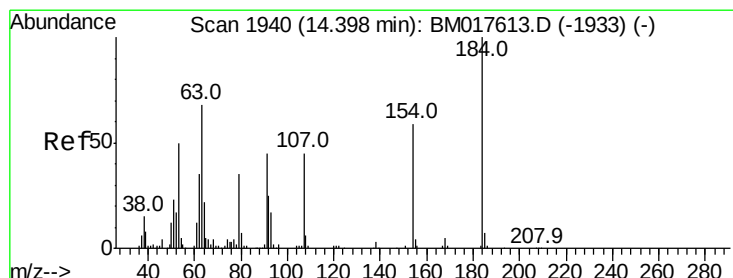
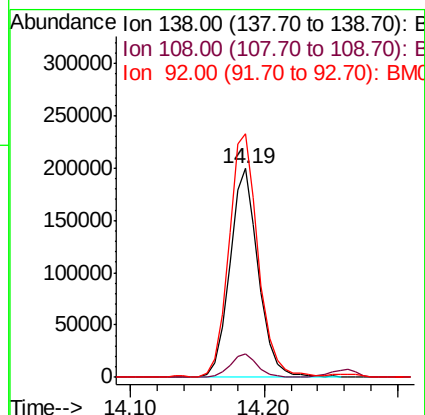
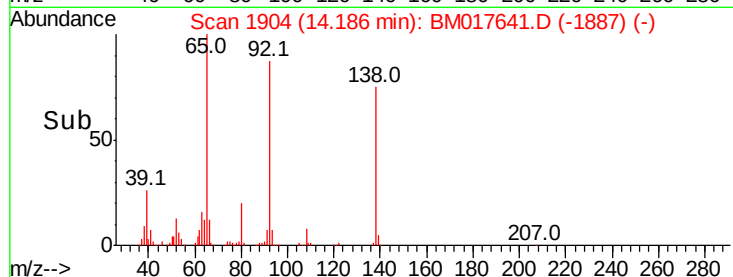
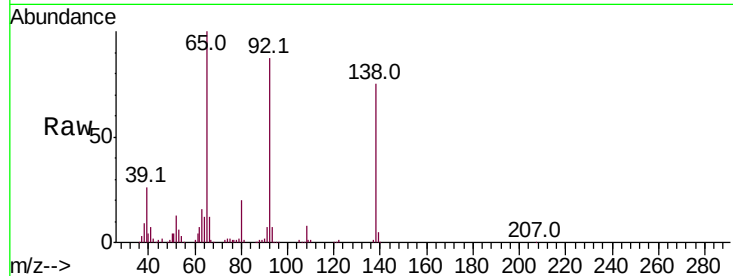
#53
3-Nitroaniline
Concen: 30.953 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.2	12.2
92	116.6	95.4	143.2

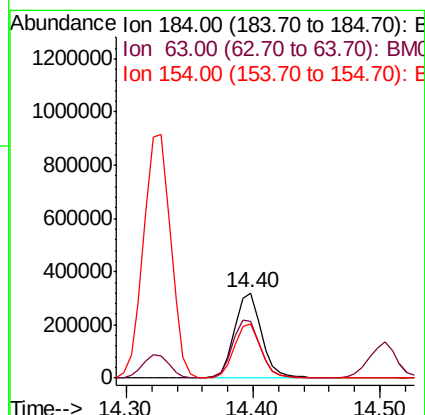
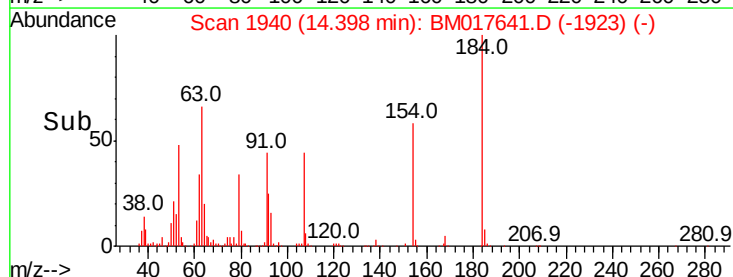
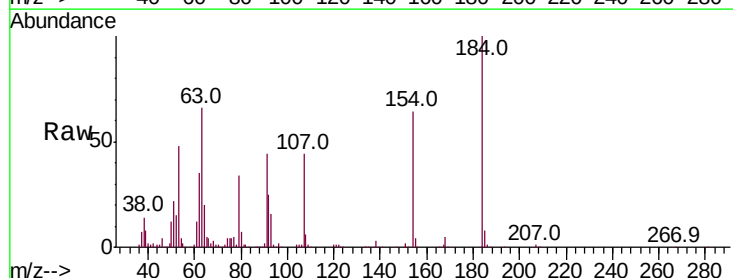
Manual Integrations
APPROVED

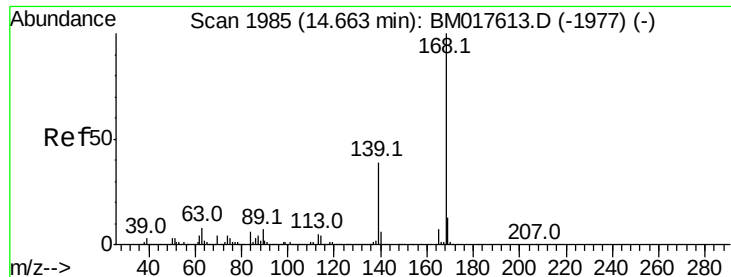
Sohil
11/14/2018 5:18:21 PM



#54
2,4-Dinitrophenol
Concen: 86.994 ng
RT: 14.40 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.3	55.1	82.7
154	63.9	51.3	76.9





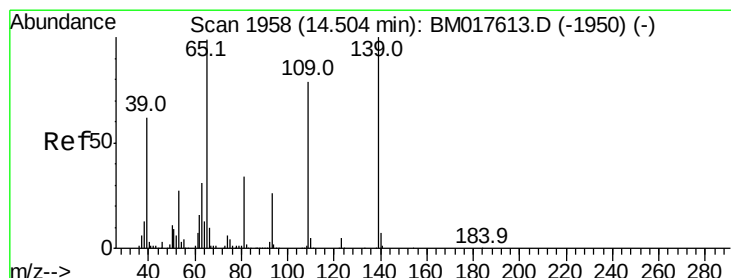
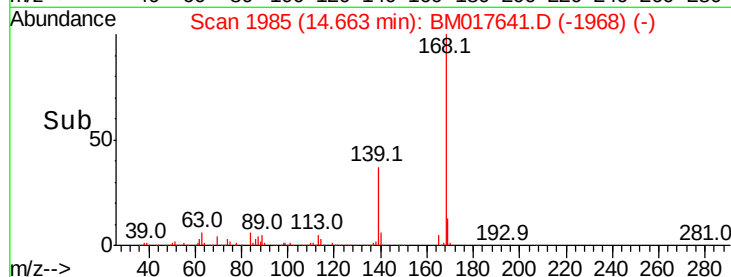
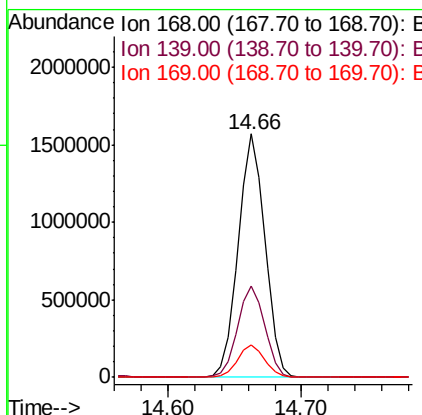
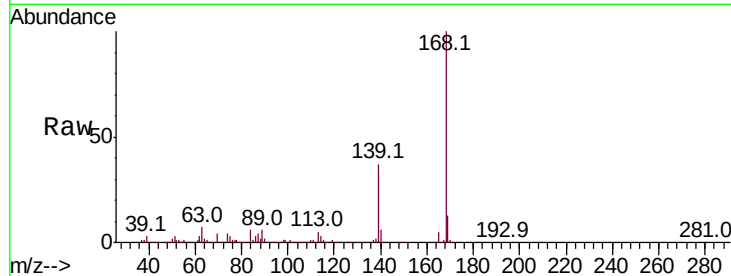
#55
Dibenzofuran
Concen: 44.526 ng
RT: 14.66 min Scan# 1985
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.0	46.6
169	13.3	10.6	16.0

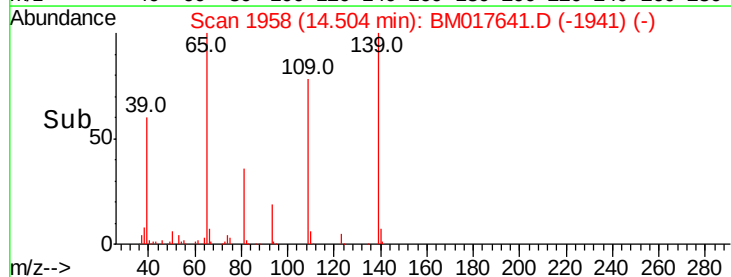
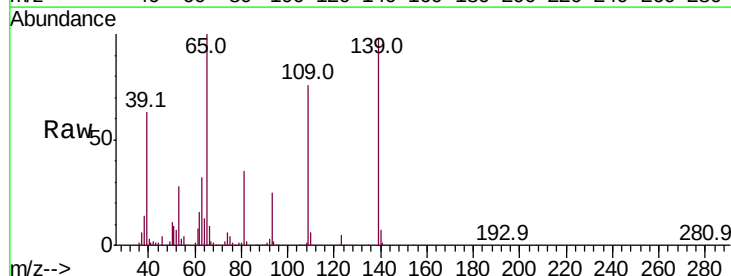
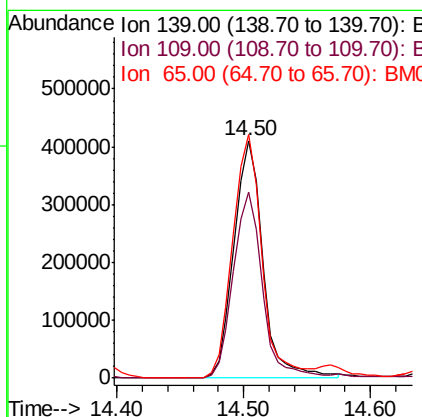
Manual Integrations
APPROVED

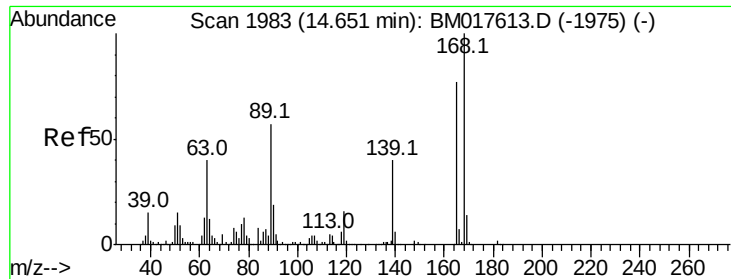
Sohil
11/14/2018 5:18:21 PM



#56
4-Nitrophenol
Concen: 80.723 ng
RT: 14.50 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.3	58.6	98.6
65	102.4	79.5	119.5





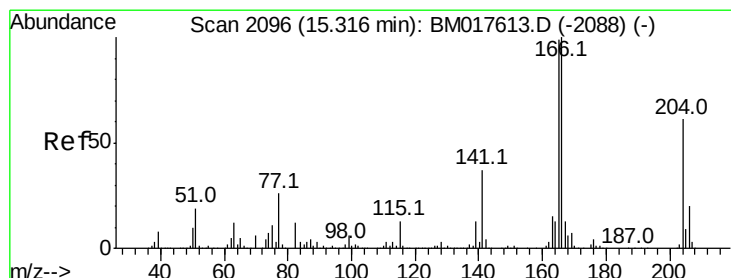
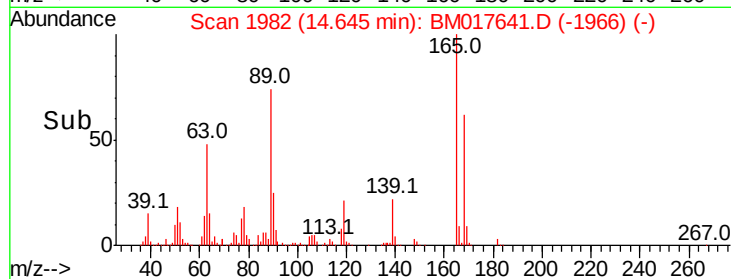
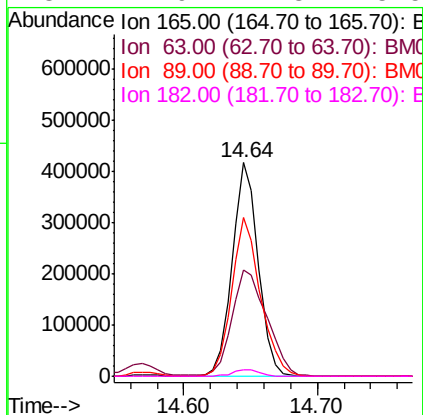
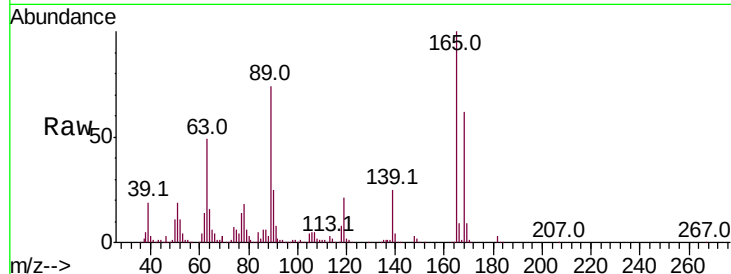
#57
2,4-Dinitrotoluene
Concen: 47.510 ng
RT: 14.64 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	566397		
63	49.5	41.8	62.8	
89	74.2	59.5	89.3	
182	2.9	2.3	3.5	

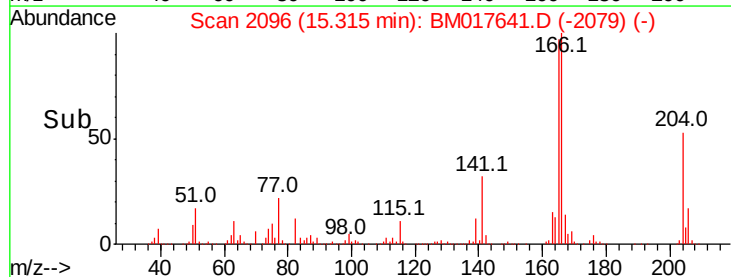
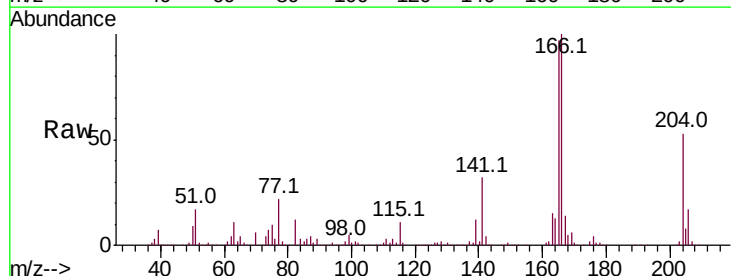
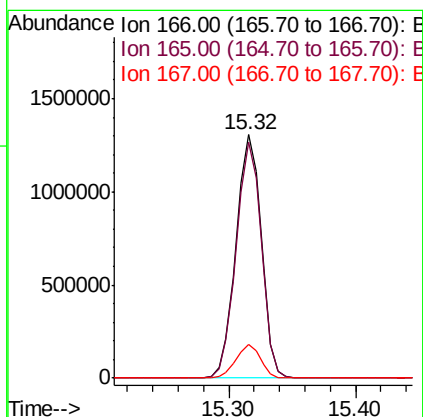
Manual Integrations
APPROVED

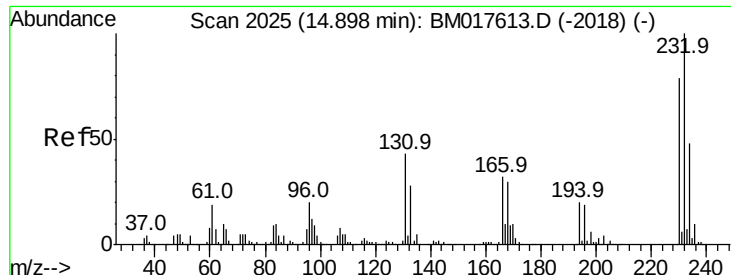
Sohil
11/14/2018 5:18:21 PM



#58
Fluorene
Concen: 47.930 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1799517		
165	96.8	79.0	118.6	
167	13.6	10.8	16.2	





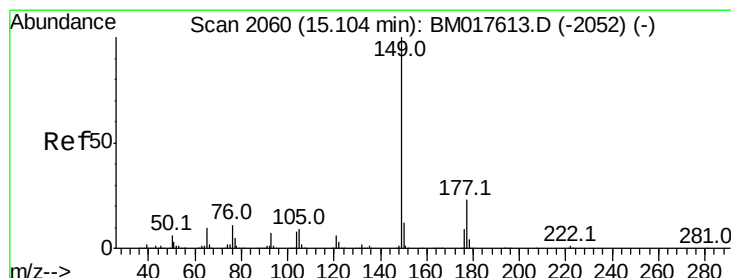
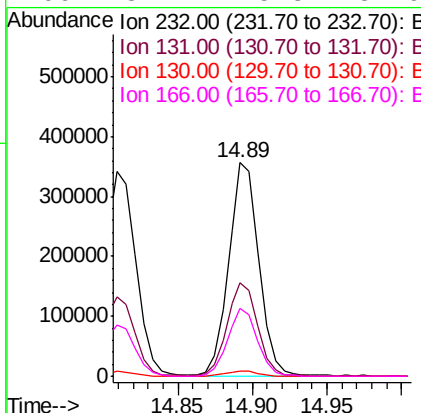
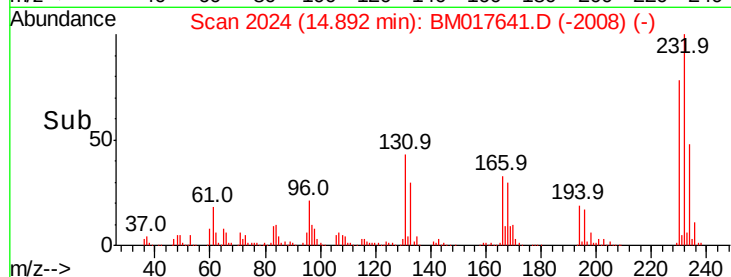
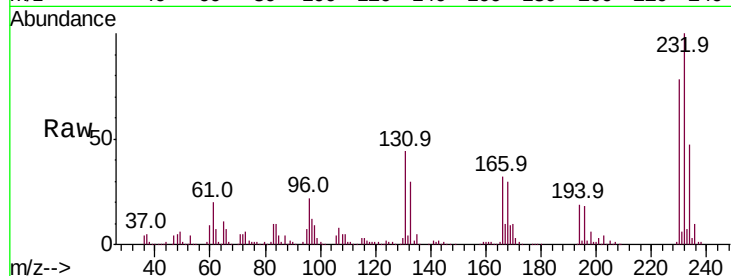
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.768 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	500546		
131	44.5		34.8	52.2
130	2.5		1.9	2.9
166	31.7		25.3	37.9

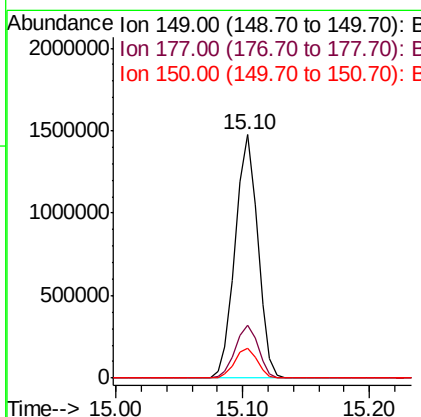
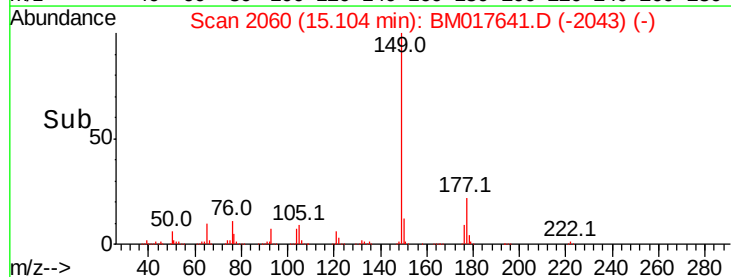
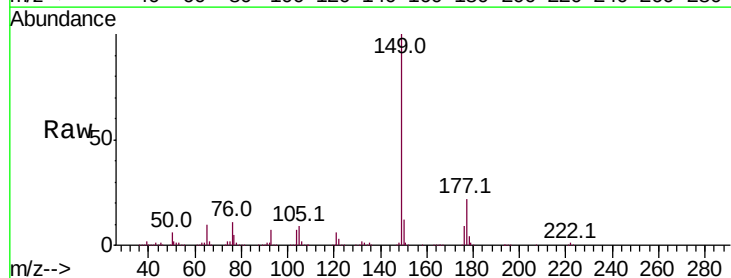
Manual Integrations
 APPROVED

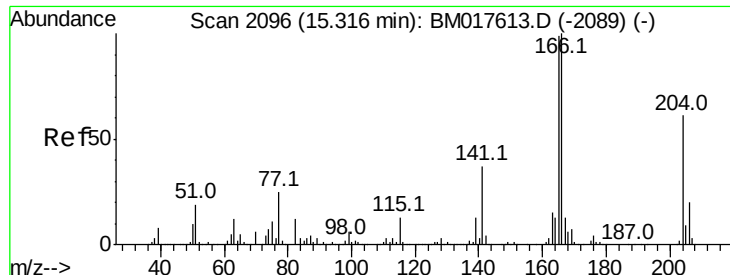
Sohil
 11/14/2018 5:18:21 PM



#60
 Diethylphthalate
 Concen: 42.236 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1812523		
177	22.0		18.1	27.1
150	12.2		9.9	14.9





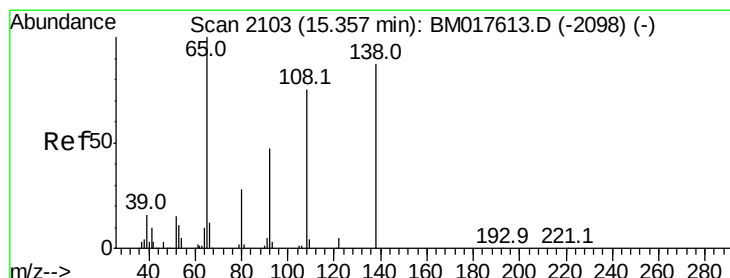
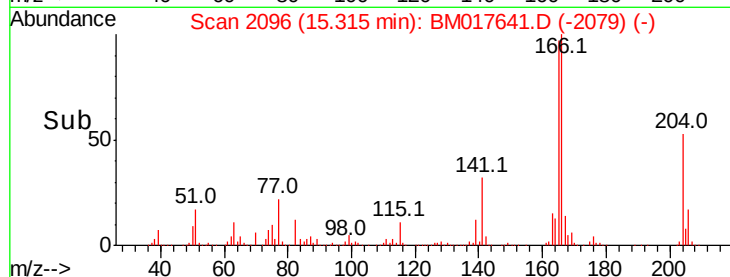
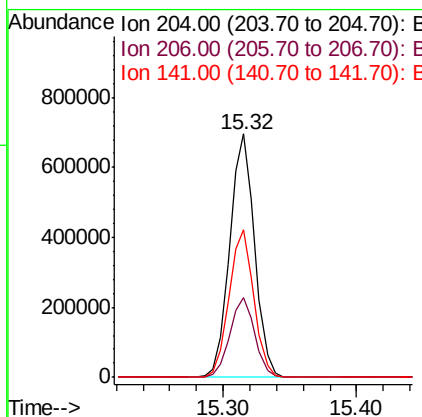
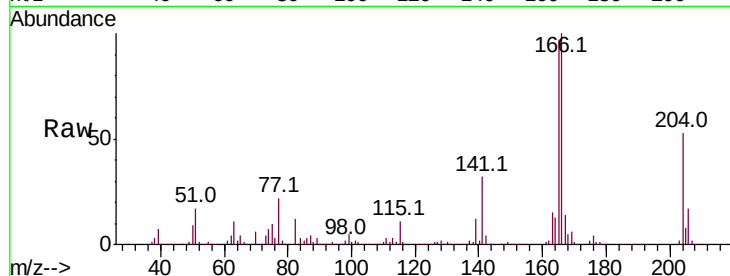
#61
 4-Chlorophenyl-phenylether
 Concen: 42.359 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	60.4	47.9	71.9

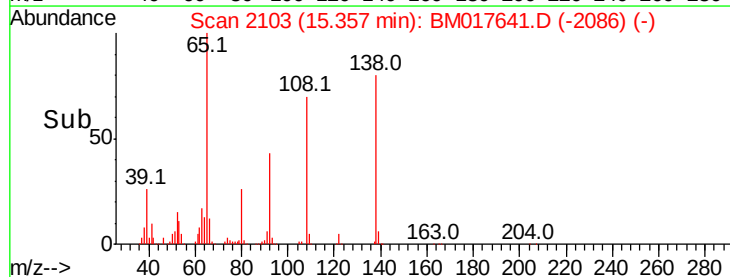
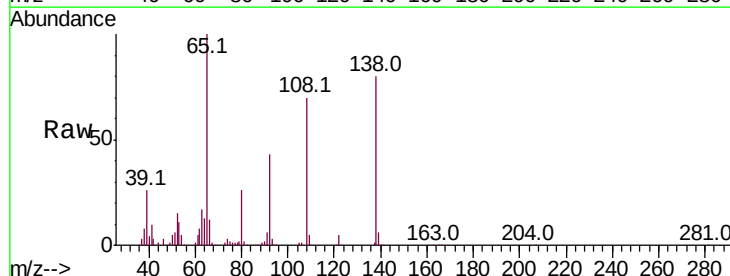
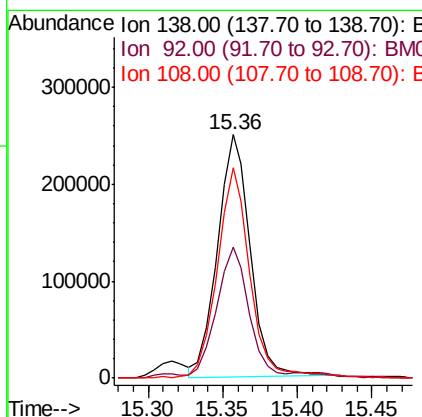
Manual Integrations
 APPROVED

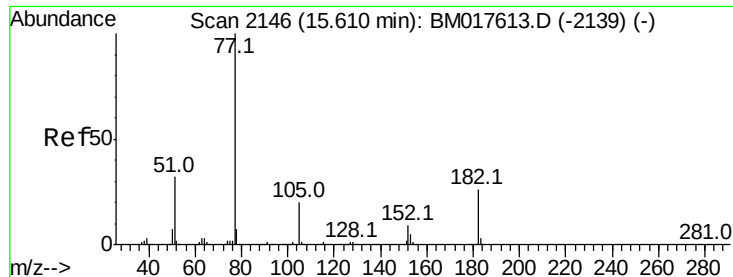
Sohil
 11/14/2018 5:18:21 PM



#62
 4-Nitroaniline
 Concen: 42.130 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	33.4	73.4
108	86.5	64.3	104.3





#63

Azobenzene

Concen: 44.259 ng

RT: 15.61 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

Tot Ion: 77 Resp: 1755790

Ion Ratio Lower Upper

77 100

182 26.5 5.8 45.8

105 20.2 0.0 40.0

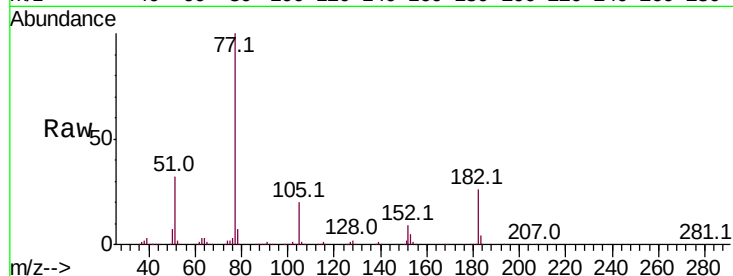
51 31.7 12.5 52.5

Manual Integrations

APPROVED

Sohil

11/14/2018 5:18:21 PM



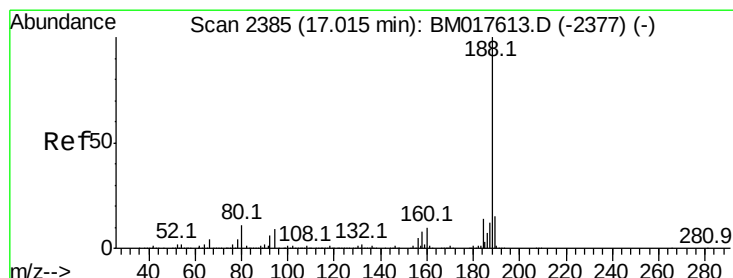
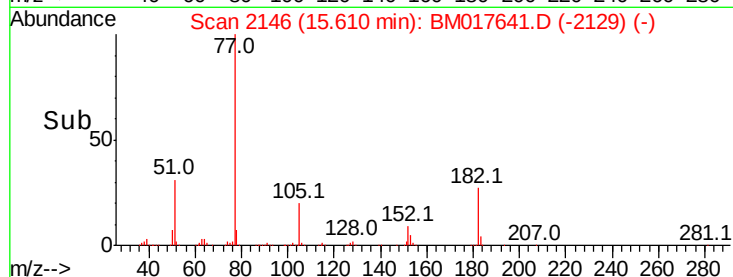
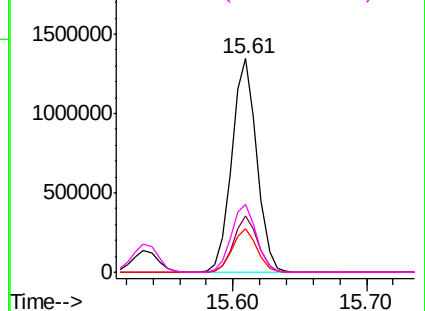
Abundance

Ion 77.00 (76.70 to 77.70): BM017641.D (-2129) (-)

Ion 182.00 (181.70 to 182.70): BM017641.D (-2129) (-)

Ion 105.00 (104.70 to 105.70): BM017641.D (-2129) (-)

Ion 51.00 (50.70 to 51.70): BM017641.D (-2129) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.02 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

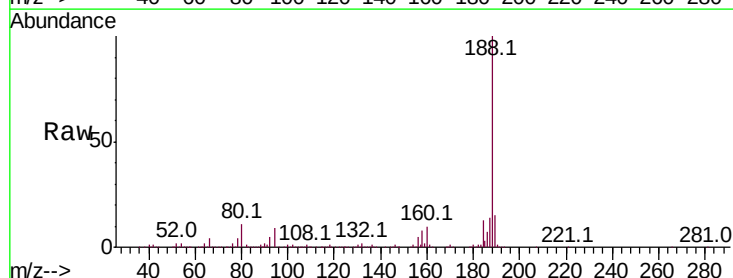
Tgt Ion: 188 Resp: 1086632

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

80 10.8 8.6 13.0

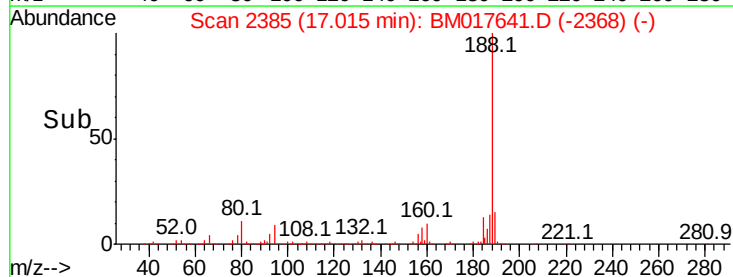
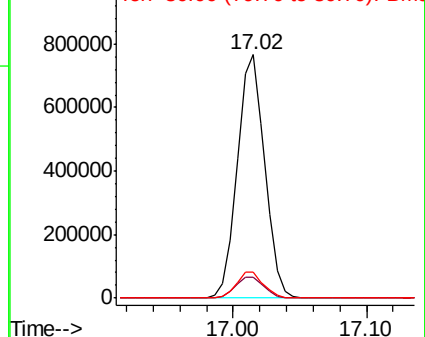


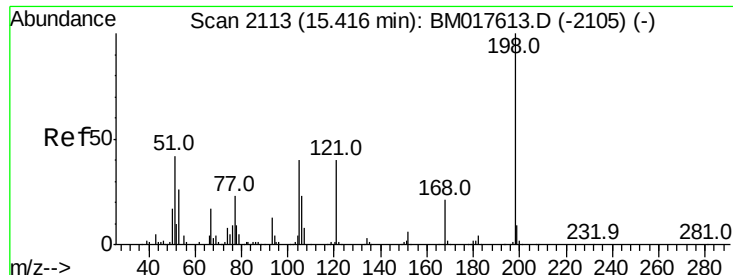
Abundance

Ion 188.00 (187.70 to 188.70): BM017641.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM017641.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM017641.D (-2368) (-)





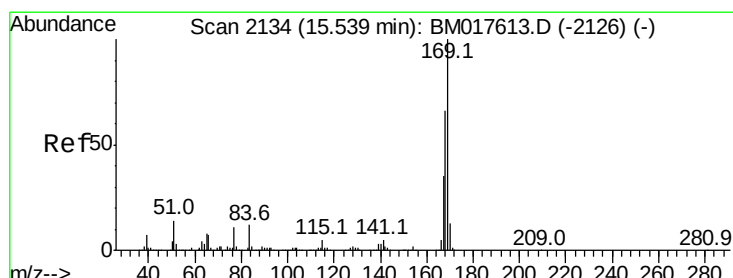
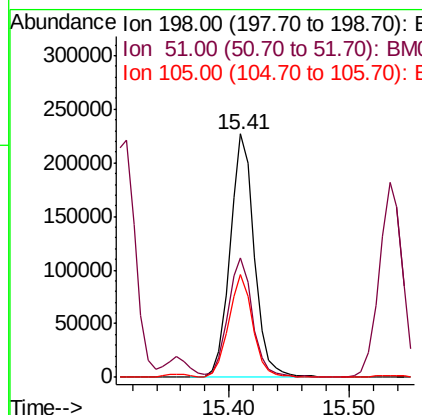
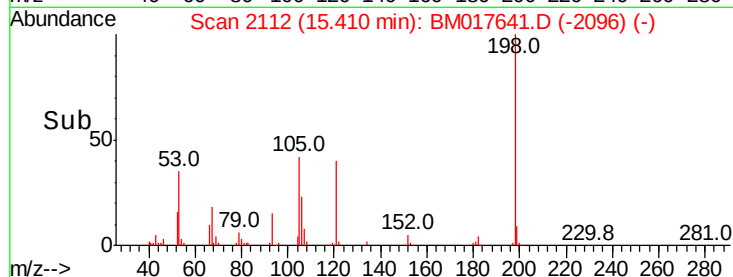
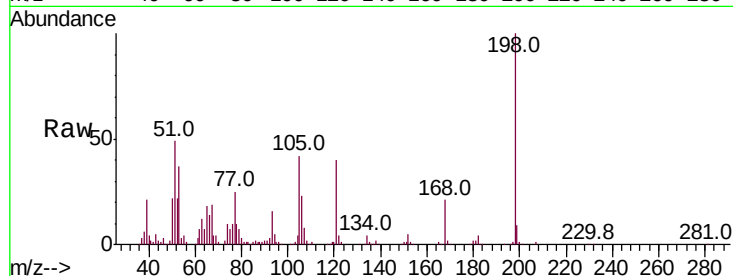
#65
4,6-Dinitro-2-methylphenol
Concen: 41.920 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	315558		
51	49.2	25.9	65.9	
105	42.3	20.6	60.6	

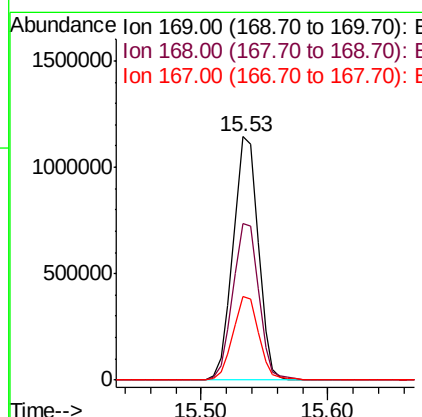
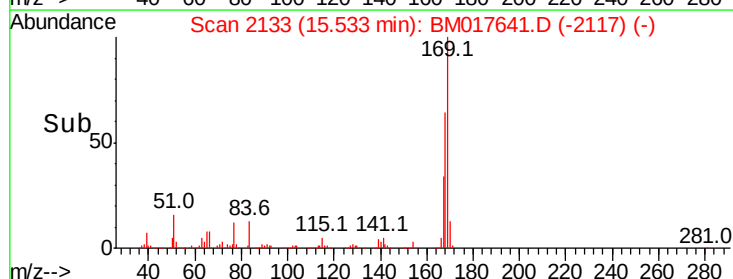
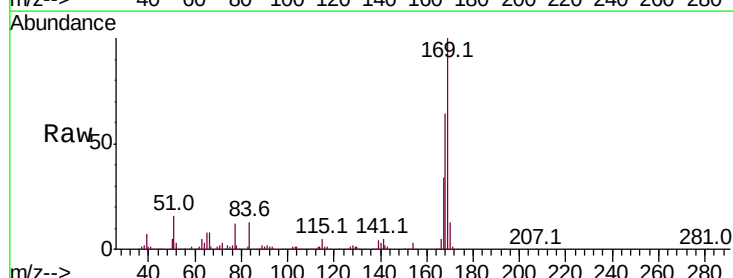
Manual Integrations
APPROVED

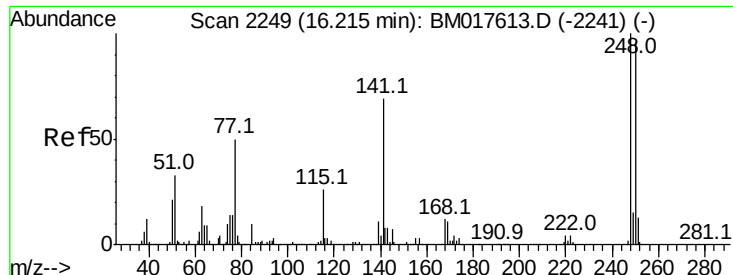
Sohil
11/14/2018 5:18:21 PM



#66
n-Nitrosodiphenylamine
Concen: 44.749 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1563365		
168	64.5	53.0	79.6	
167	34.2	28.0	42.0	





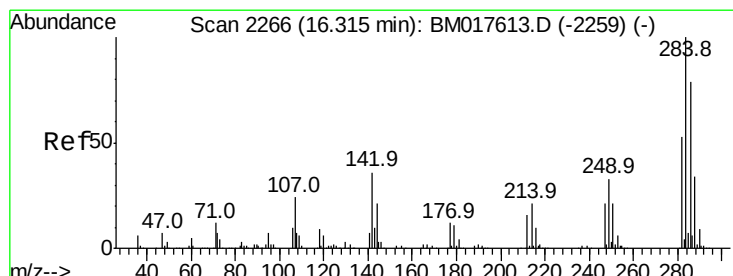
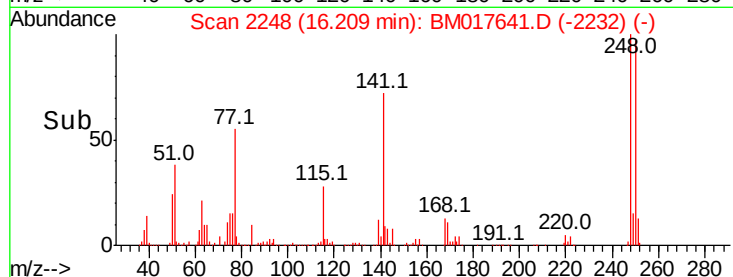
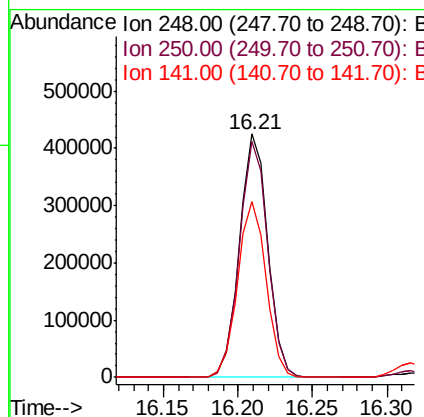
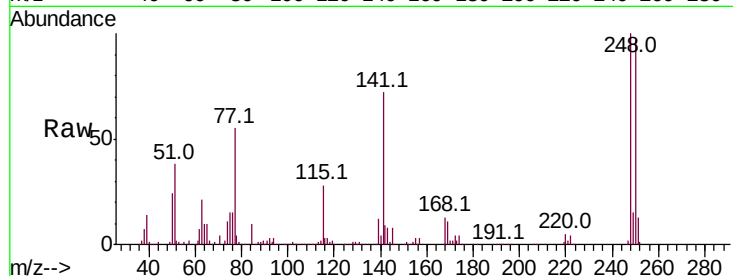
#67
4-Bromophenyl-phenylether
Concen: 43.431 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	76.5	114.7
141	72.4	54.9	82.3

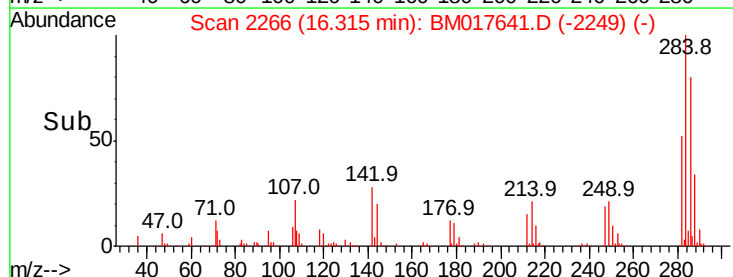
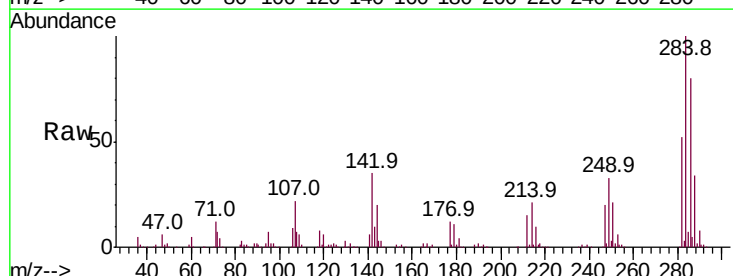
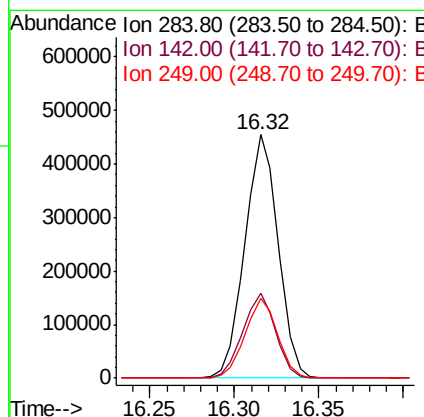
Manual Integrations
APPROVED

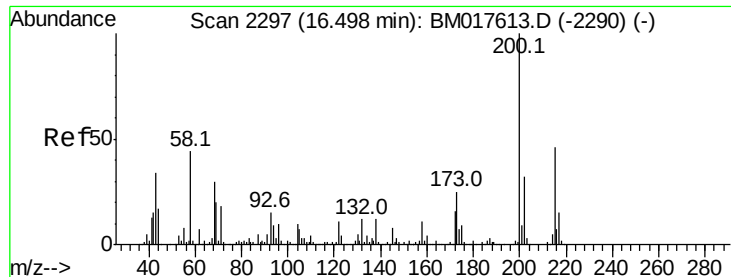
Sohil
11/14/2018 5:18:21 PM



#68
Hexachlorobenzene
Concen: 43.107 ng
RT: 16.32 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.4	42.6
249	32.7	26.4	39.6





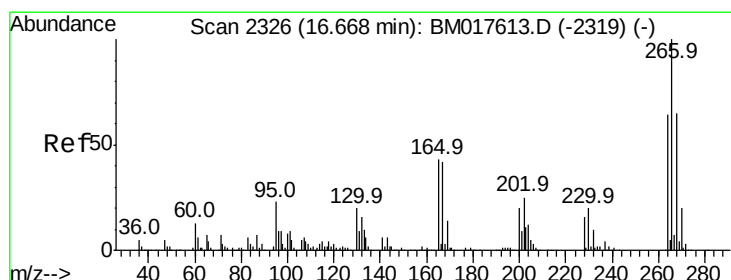
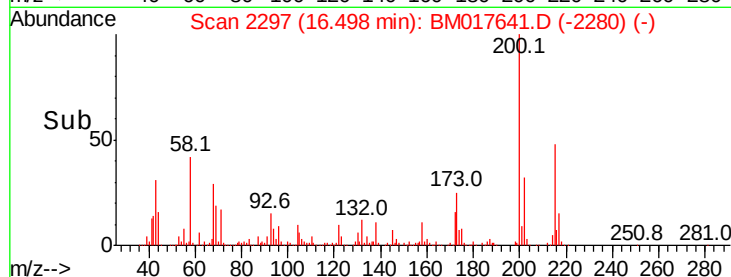
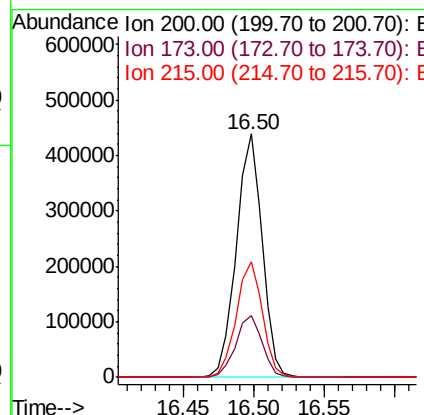
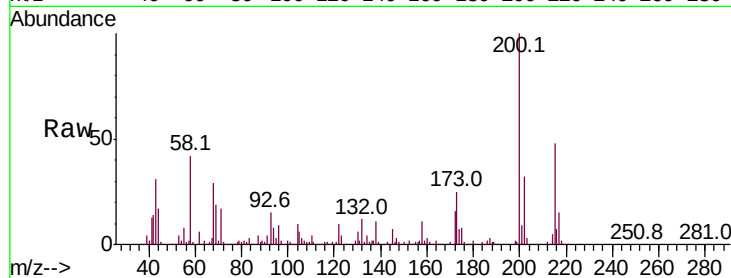
#69
Atrazine
Concen: 43.559 ng
RT: 16.50 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.1	45.1
215	47.7	25.8	65.8

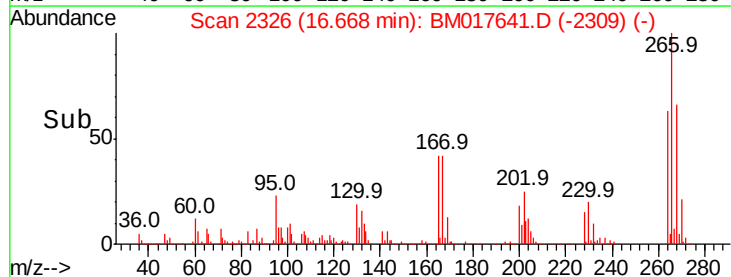
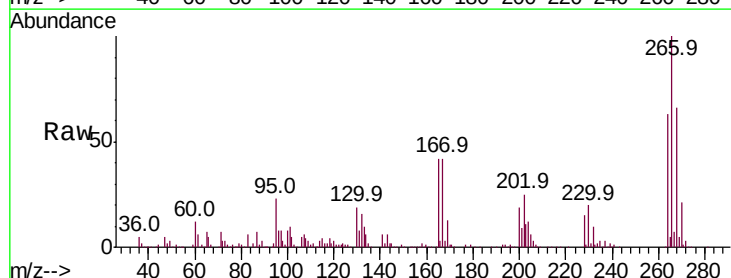
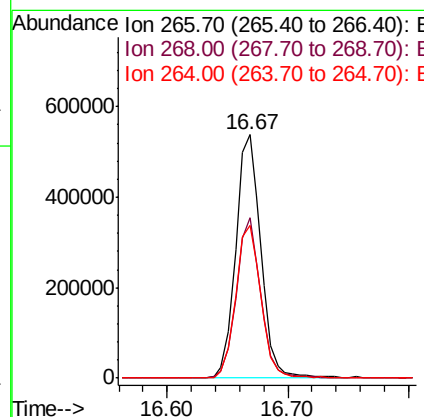
Manual Integrations
APPROVED

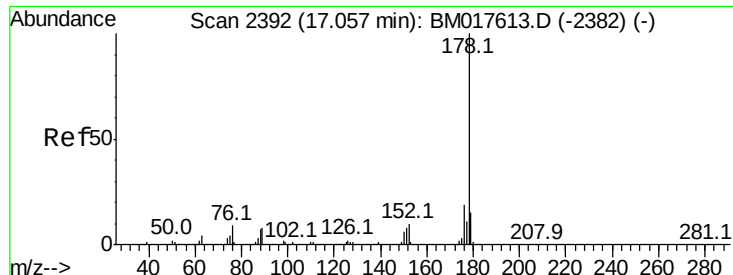
Sohil
11/14/2018 5:18:21 PM



#70
Pentachlorophenol
Concen: 76.775 ng
RT: 16.67 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.1	51.7	77.5
264	62.9	51.3	76.9





#71

Phenanthrene

Concen: 47.069 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

Tot Ion:178 Resp: 2775361

Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.4

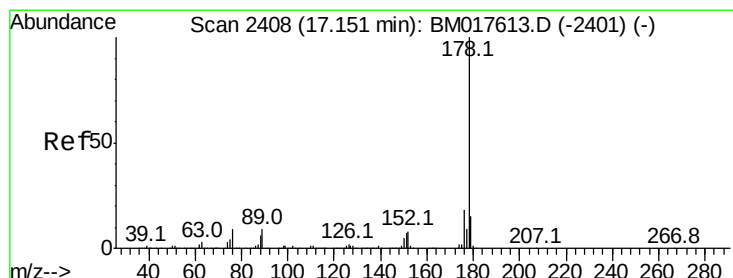
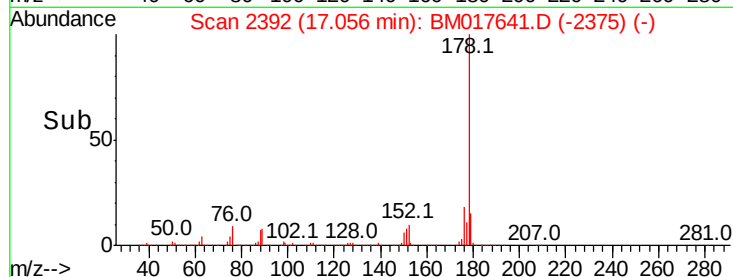
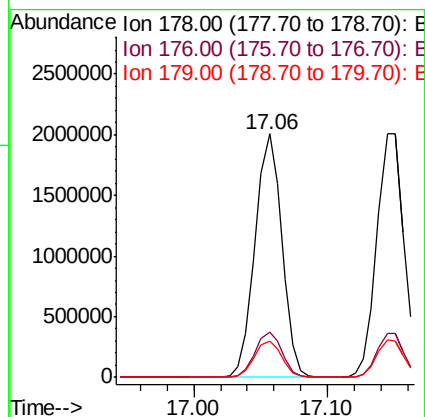
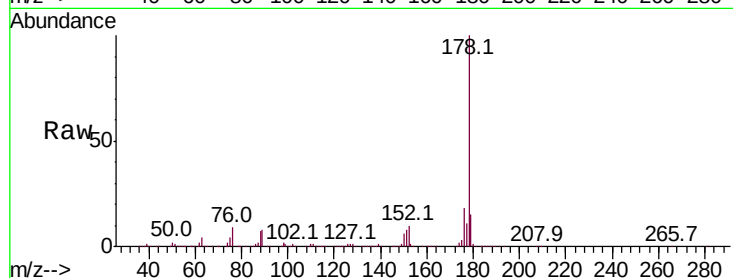
179 15.1 12.4 18.6

Manual Integrations

APPROVED

Sohil

11/14/2018 5:18:21 PM



#72

Anthracene

Concen: 49.343 ng

RT: 17.14 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

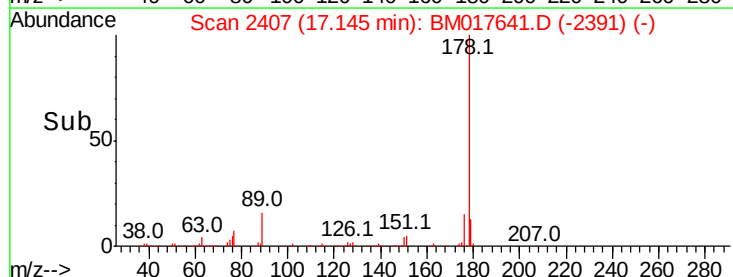
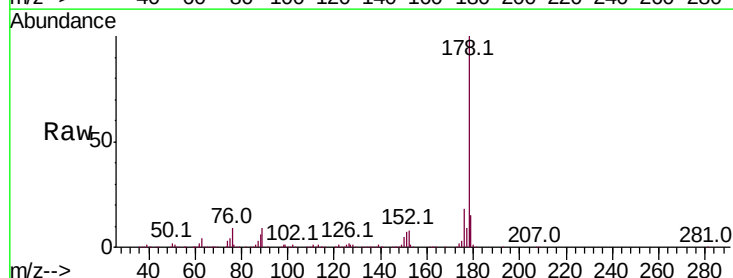
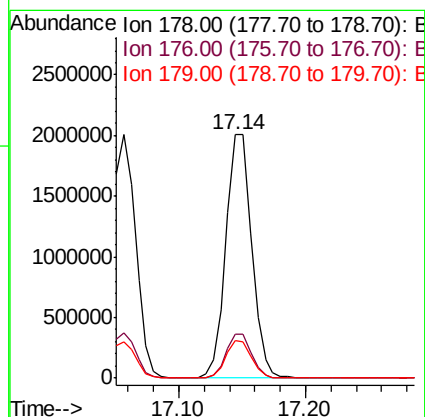
Tgt Ion:178 Resp: 2831098

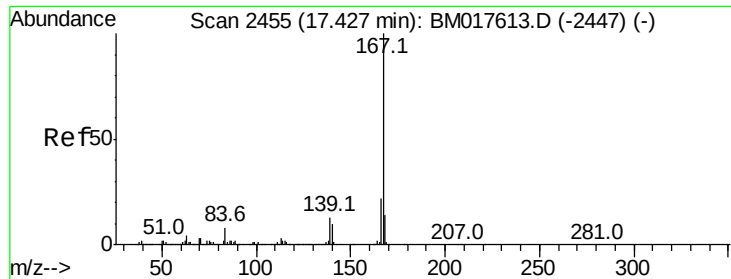
Ion Ratio Lower Upper

178 100

176 18.2 14.5 21.7

179 15.3 12.3 18.5





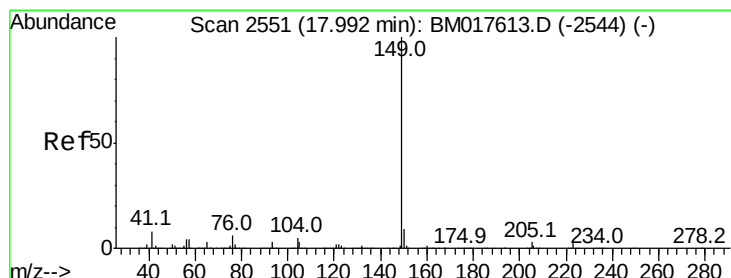
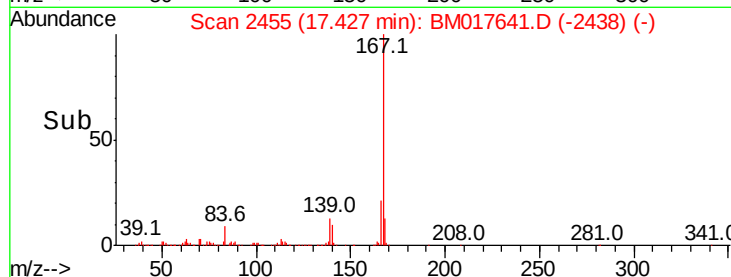
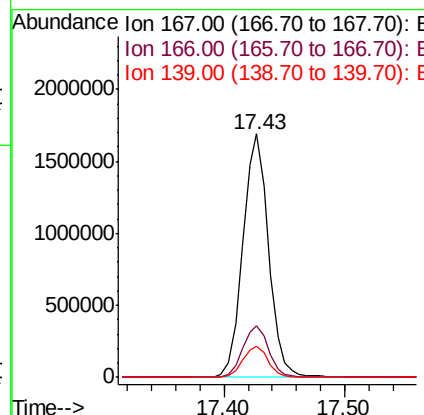
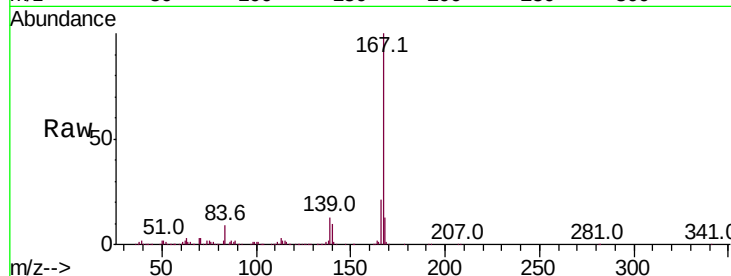
#73
 Carbazole
 Concen: 43.238 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.9	10.2	15.4

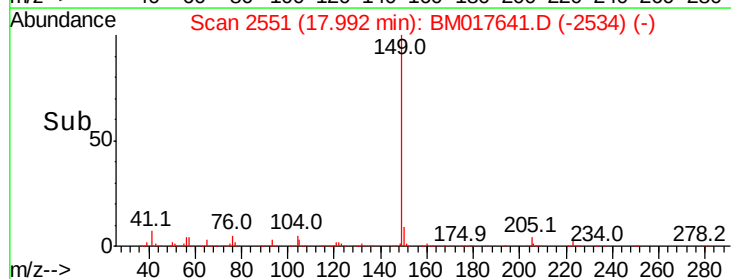
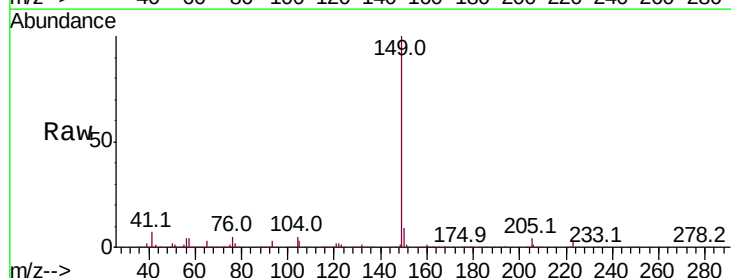
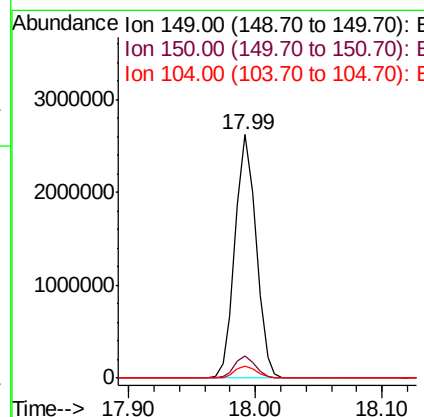
Manual Integrations
 APPROVED

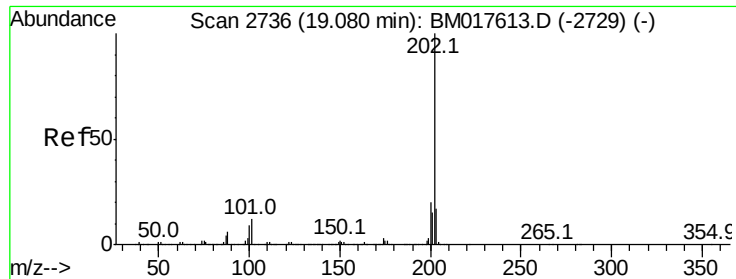
Sohil
 11/14/2018 5:18:21 PM



#74
 Di-n-butylphthalate
 Concen: 46.491 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 47.086 ng

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

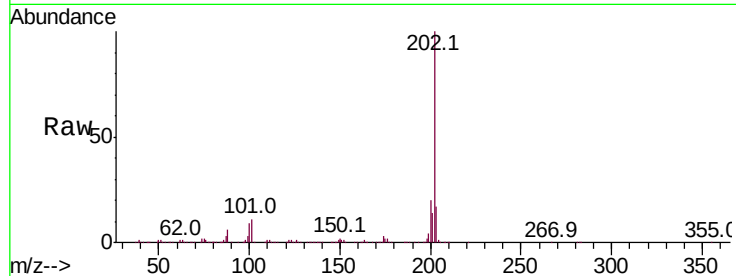
ClientSampleId :

PB114777BSD

Tot Ion:	202	Resp:	3141321
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	31.5
203	17.2	0.0	37.2

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 PM

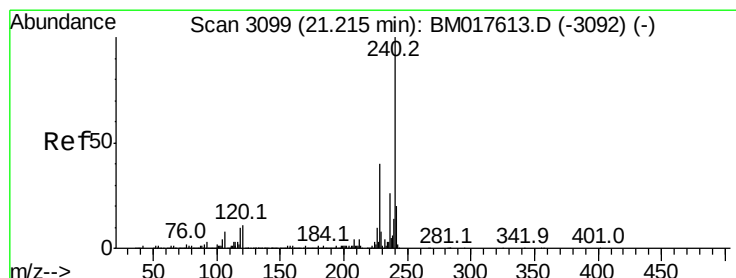
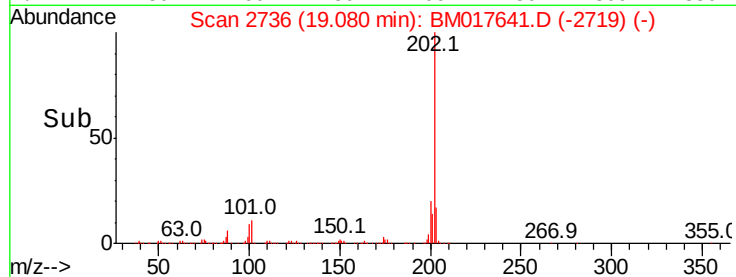
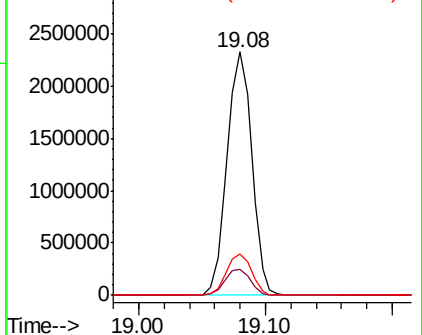


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

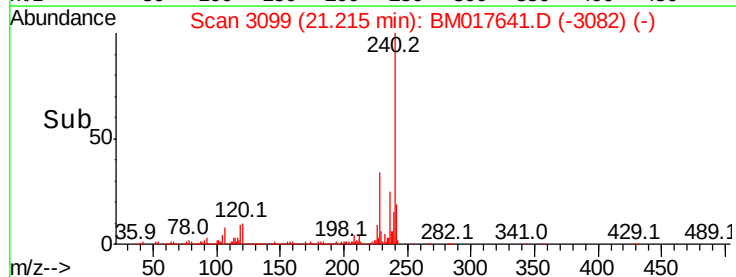
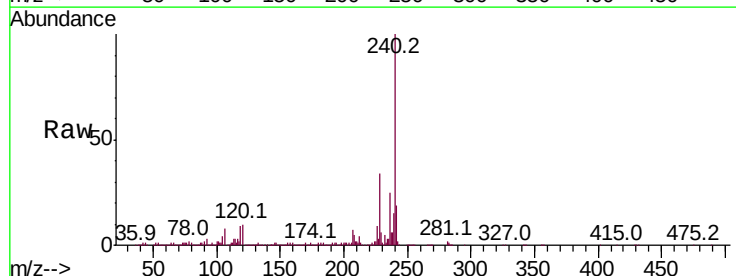
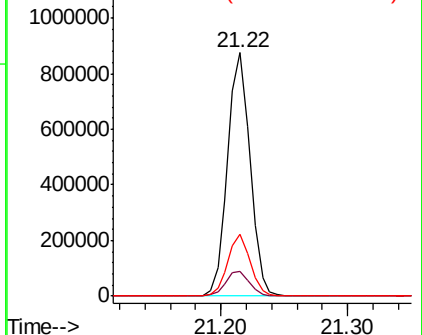
Tgt Ion:	240	Resp:	1072144
Ion Ratio	Lower	Upper	
240	100		
120	10.4	8.5	12.7
236	25.4	20.4	30.6

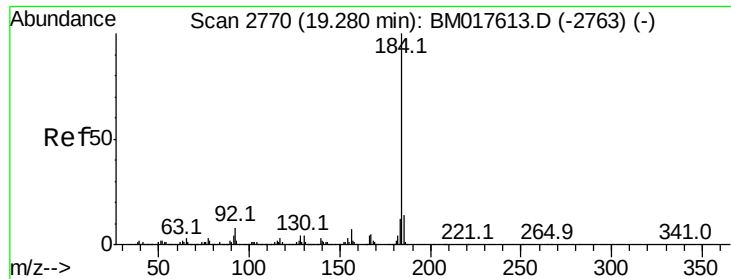
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 55.440 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

Tot Ion:184 Resp: 1935603

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

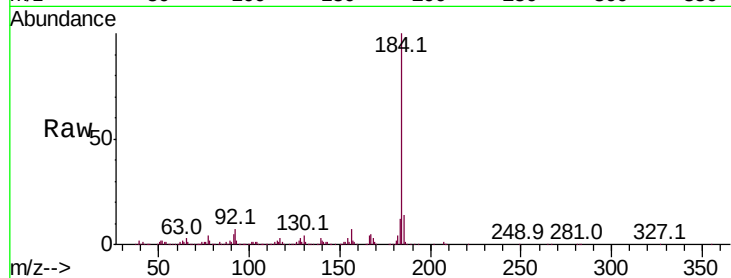
183 11.7 9.5 14.3

Manual Integrations

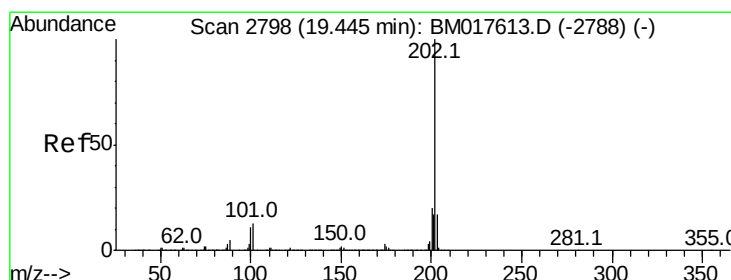
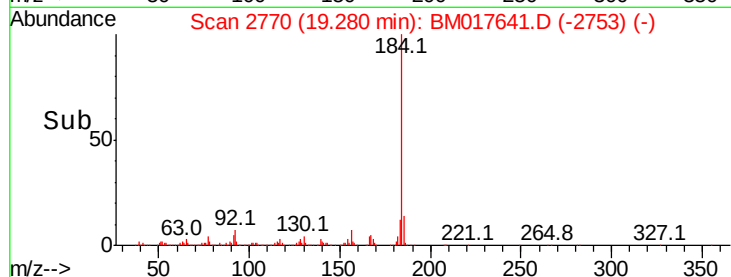
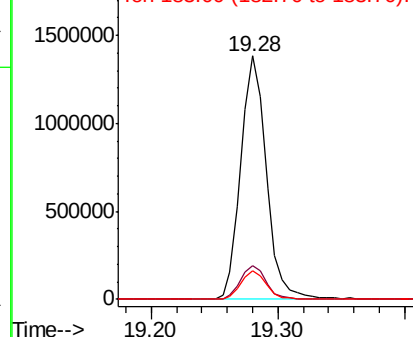
APPROVED

Sohil

11/14/2018 5:18:21 PM



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.758 ng

RT: 19.44 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

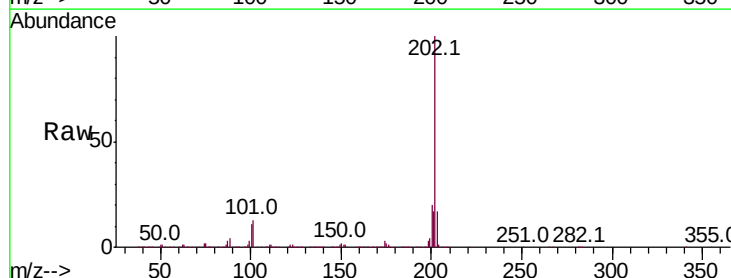
Tgt Ion:202 Resp: 3225490

Ion Ratio Lower Upper

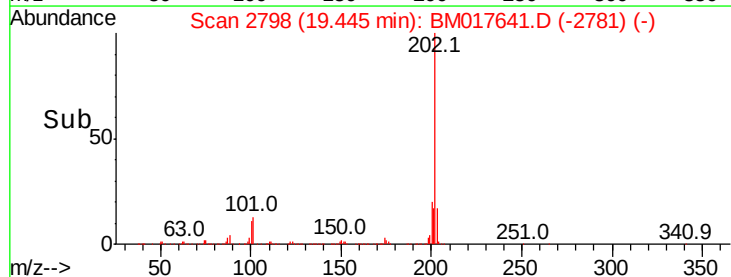
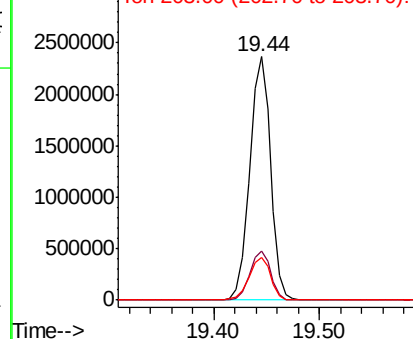
202 100

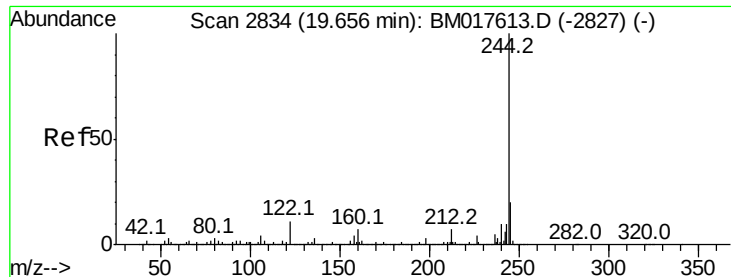
200 20.3 16.4 24.6

203 17.3 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





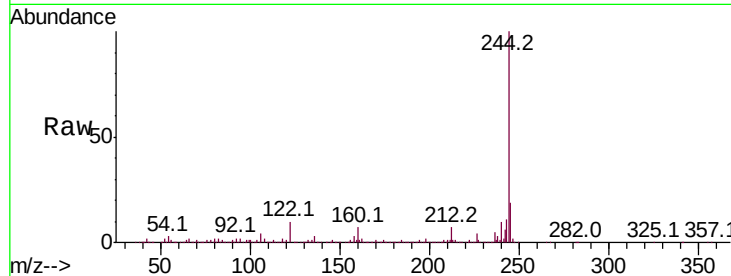
#79
 Terphenyl-d14
 Concen: 76.384 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

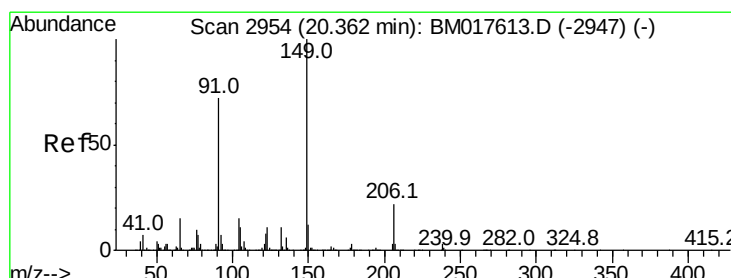
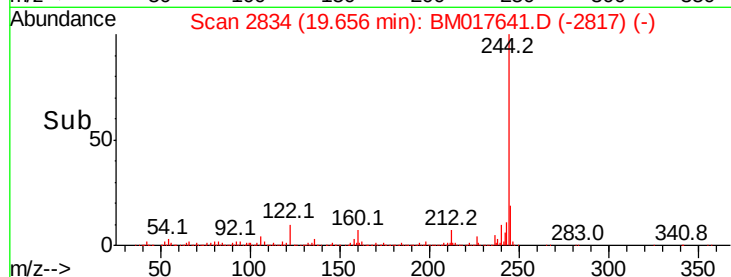
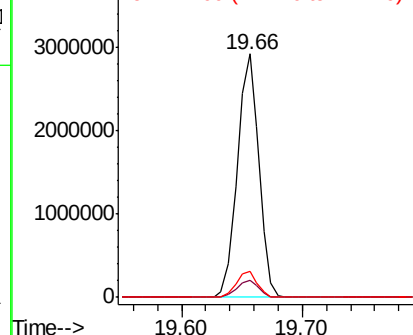
Tot Ion:244 Resp: 3613414
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 10.5 9.0 13.6

Manual Integrations
 APPROVED

Sohil
 11/14/2018 5:18:21 PM

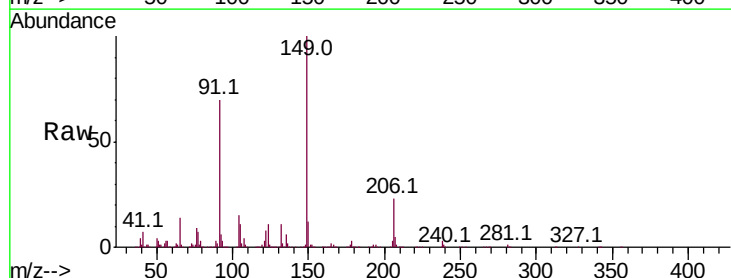


Abundance Ion 244.00 (243.70 to 244.70): E
 4000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

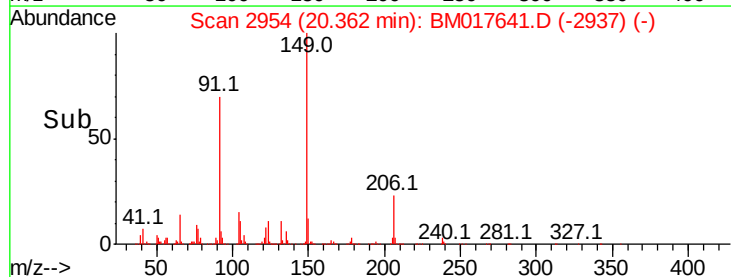
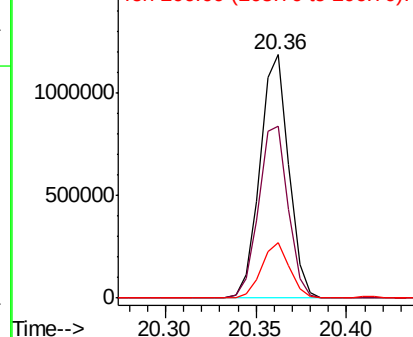


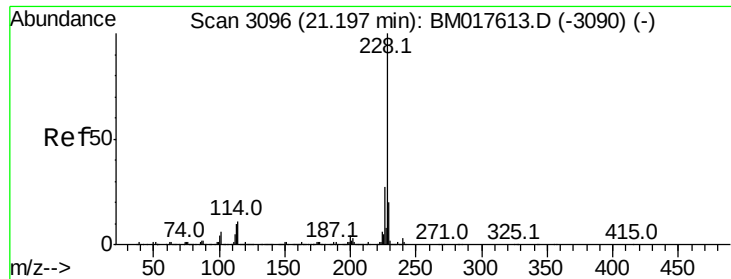
#80
 Butylbenzylphthalate
 Concen: 48.777 ng
 RT: 20.36 min Scan# 2954
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion:149 Resp: 1310557
 Ion Ratio Lower Upper
 149 100
 91 70.4 57.6 86.4
 206 22.7 17.4 26.0



Abundance Ion 149.00 (148.70 to 149.70): E
 1500000 Ion 91.00 (90.70 to 91.70): BM0
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.376 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

ClientSampleId :

PB114777BSD

Tot Ion:228 Resp: 2988078

Ion Ratio Lower Upper

228 100

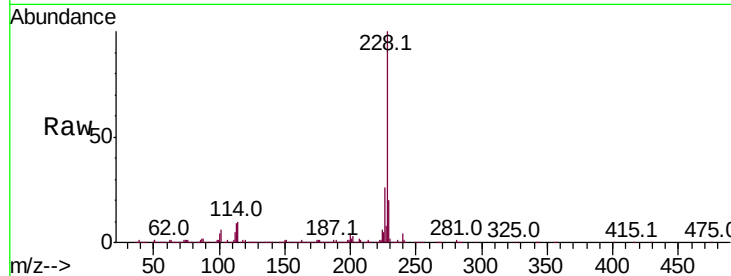
226 26.3 21.3 31.9

229 19.7 16.0 24.0

Manual Integrations
APPROVED

Sohil

11/14/2018 5:18:21 PM

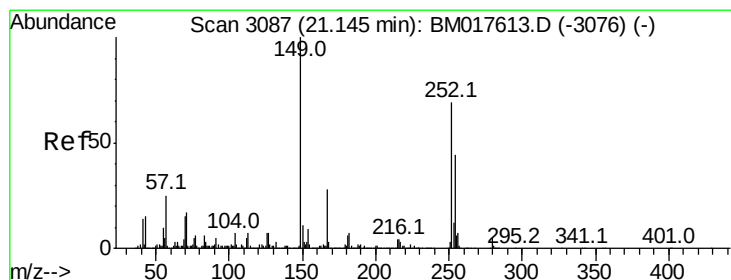
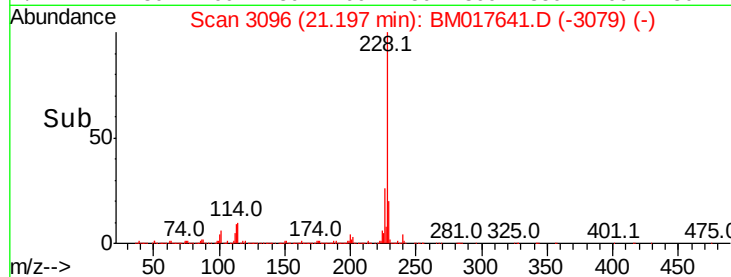
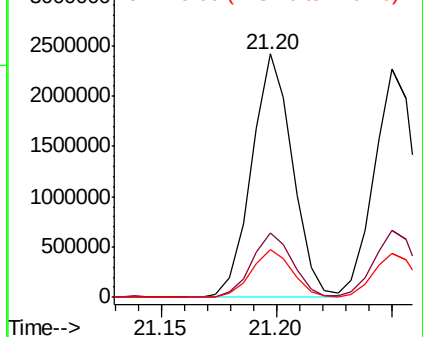


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.672 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

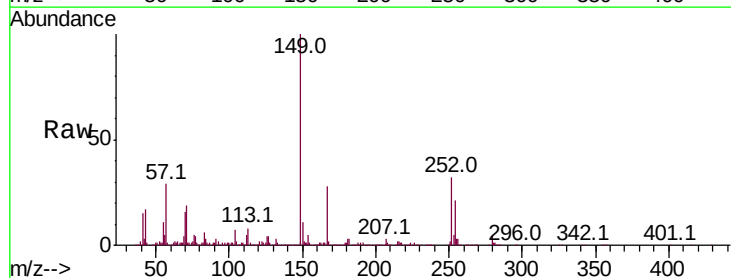
Tgt Ion:252 Resp: 731192

Ion Ratio Lower Upper

252 100

254 63.4 51.4 77.2

126 11.5 8.0 12.0

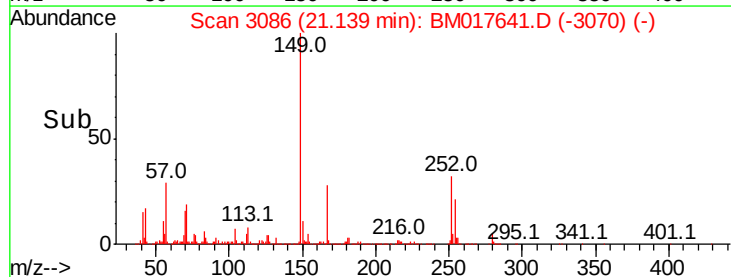
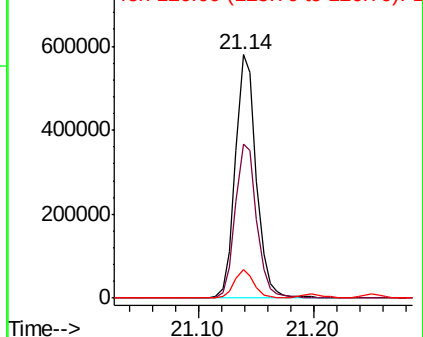


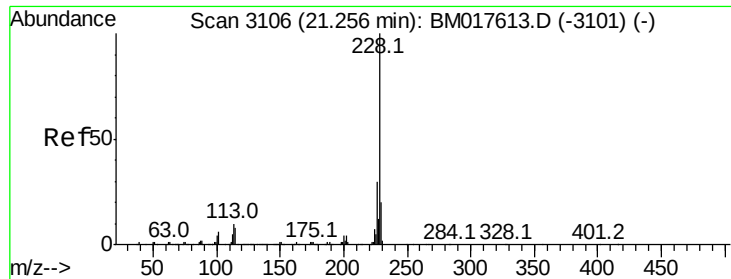
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83
 Chrysene
 Concen: 46.189 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

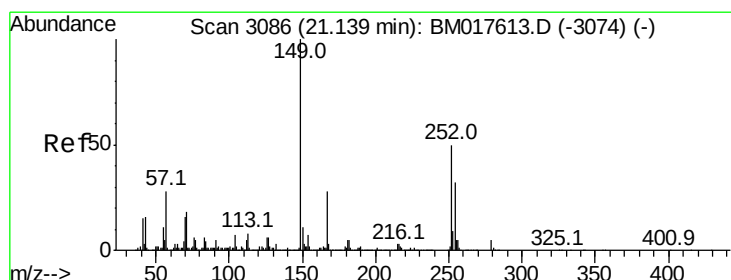
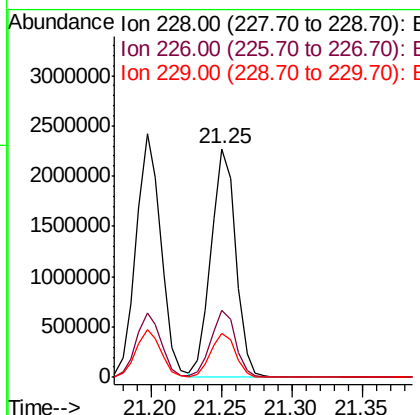
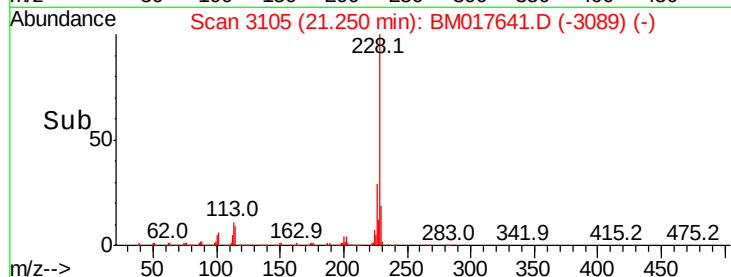
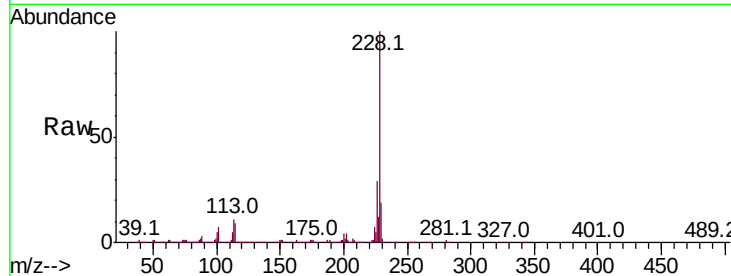
Instrument :
 BNA_M
 ClientSampleId :
 PB114777BSD

Tot Ion:228 Resp: 2771039

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	19.4	15.8	23.6

Manual Integrations
 APPROVED

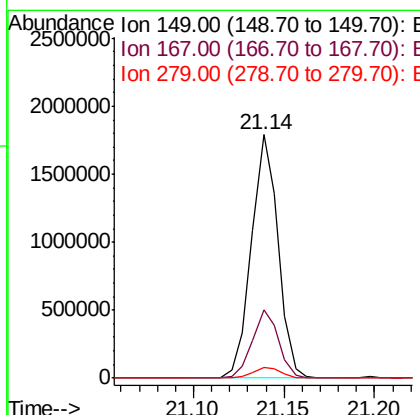
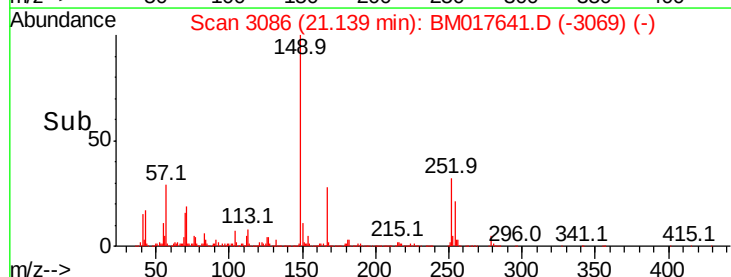
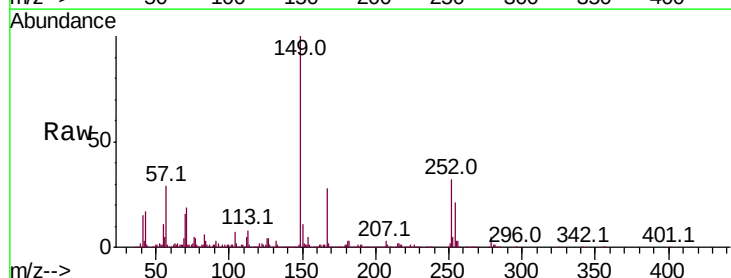
Sohil
 11/14/2018 5:18:21 PM

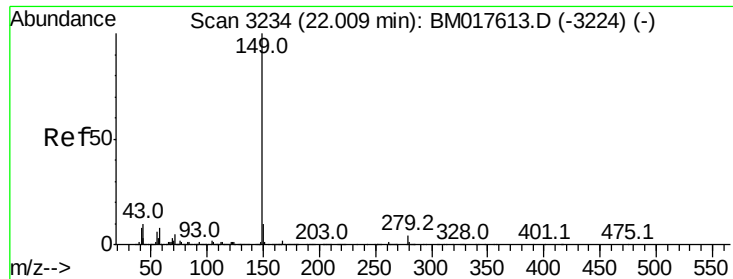


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.941 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: BM017641.D
 Acq: 14 Nov 2018 03:27

Tgt Ion:149 Resp: 1824796

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	4.6	3.7	5.5





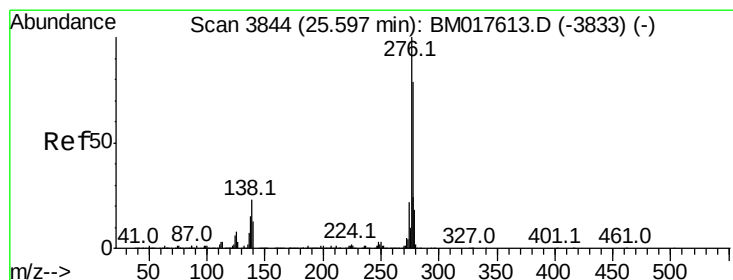
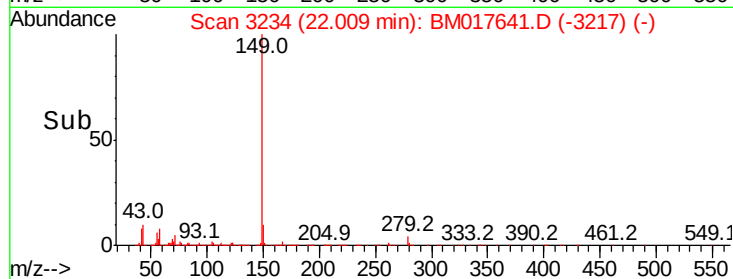
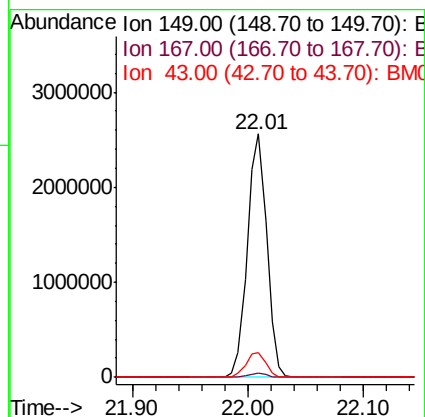
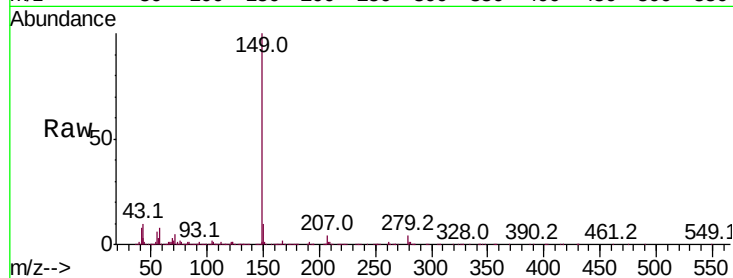
#85
Di-n-octyl phthalate
Concen: 46.910 ng
RT: 22.01 min Scan# 3234
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.5	8.3	12.5

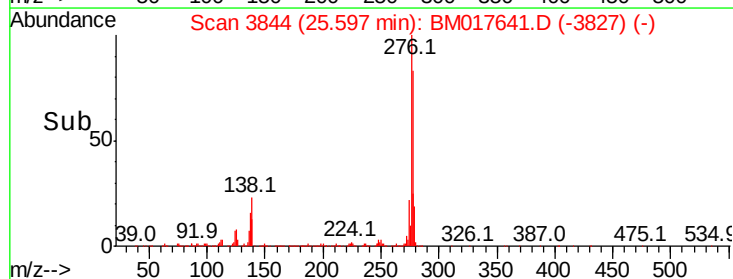
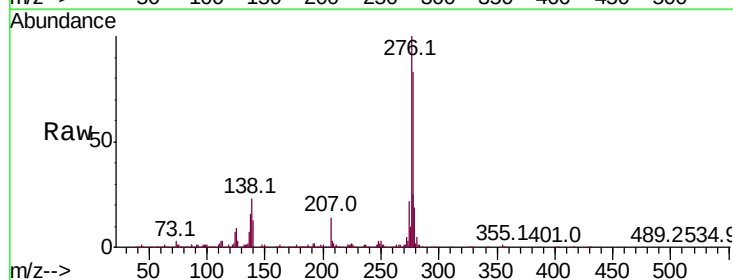
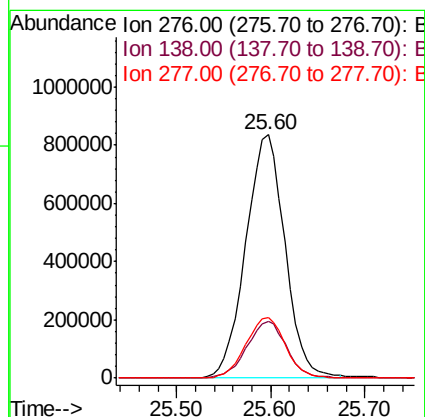
Manual Integrations
APPROVED

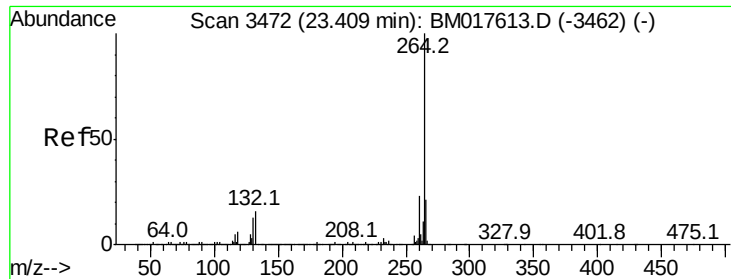
Sohil
11/14/2018 5:18:21 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.397 ng
RT: 25.60 min Scan# 3844
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.1	28.7
277	25.1	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Instrument :

BNA_M

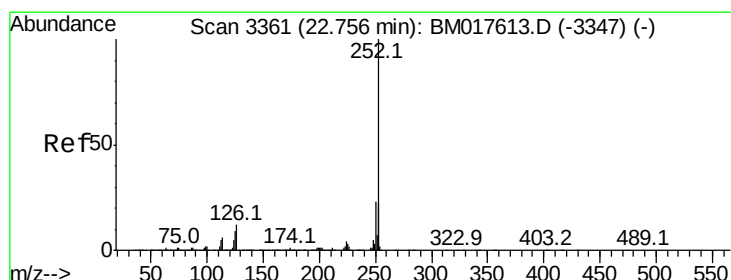
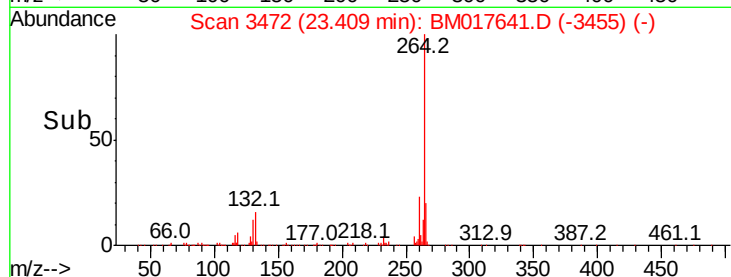
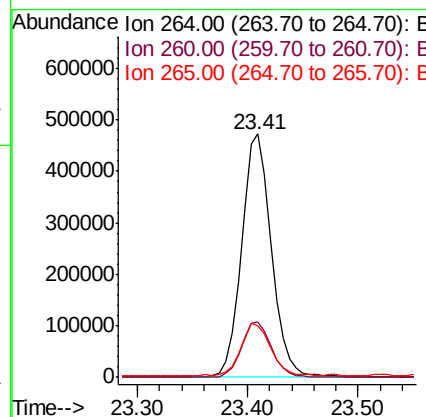
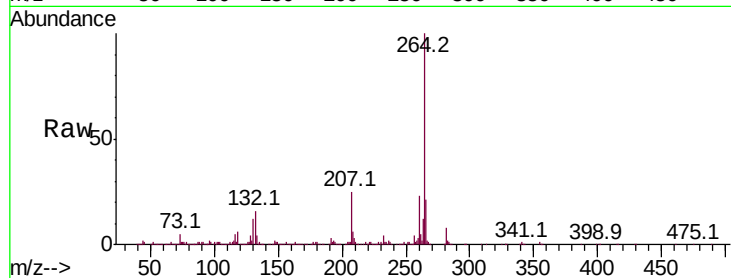
ClientSampleId :

PB114777BSD

Tot Ion:	264	Resp:	896060
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.2	27.2
265	21.3	17.5	26.3

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 PM



#88

Benzo(b)fluoranthene

Concen: 48.826 ng

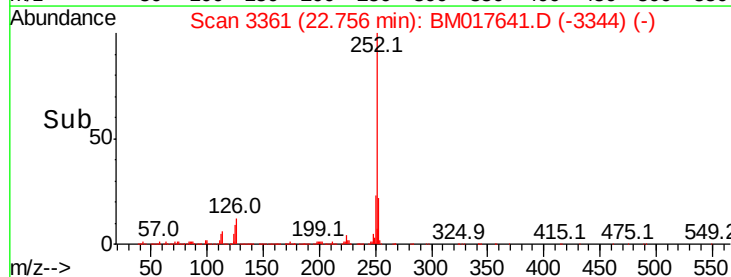
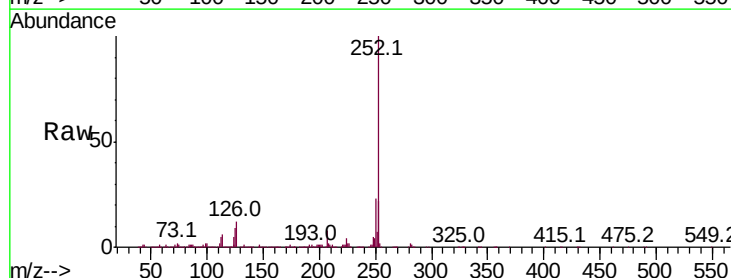
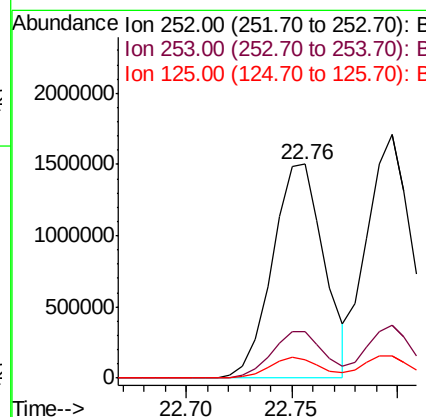
RT: 22.76 min Scan# 3361

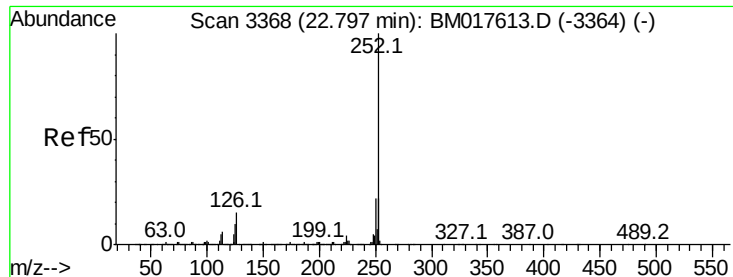
Delta R.T. -0.00 min

Lab File: BM017641.D

Acq: 14 Nov 2018 03:27

Tgt Ion:	252	Resp:	2562206
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.3	25.9
125	8.8	7.6	11.4





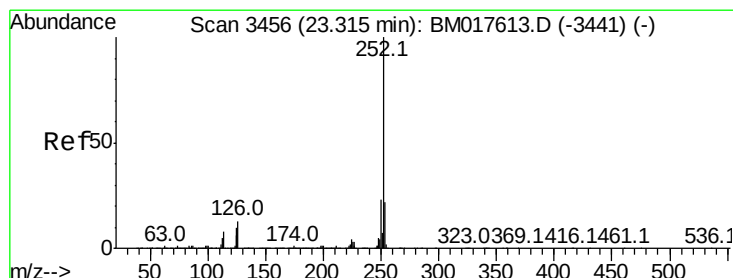
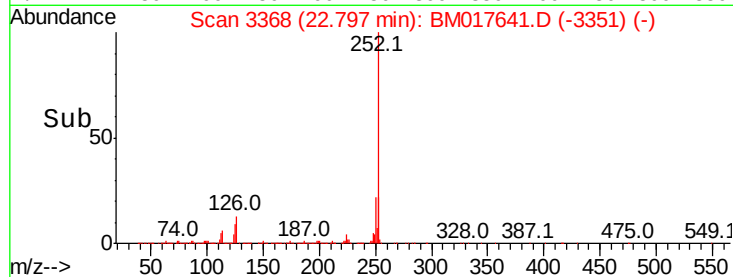
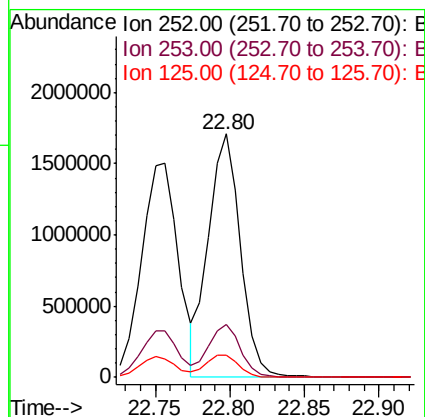
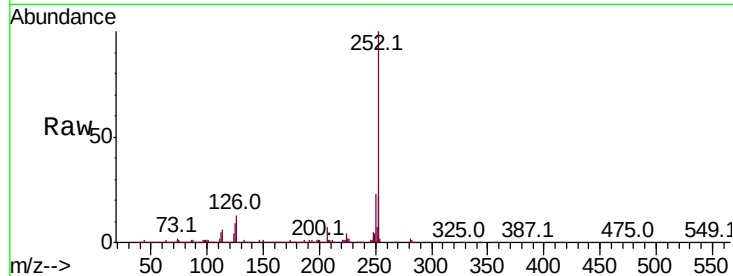
#89
Benzo(k)fluoranthene
Concen: 48.040 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.2	7.9	11.9

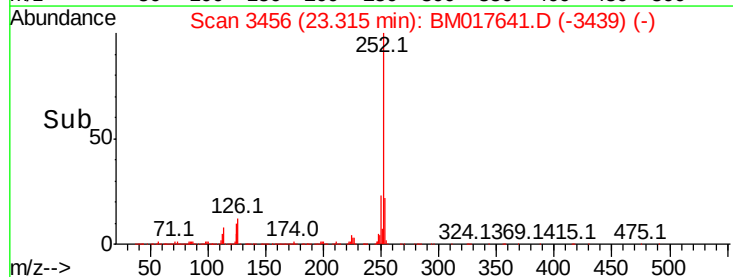
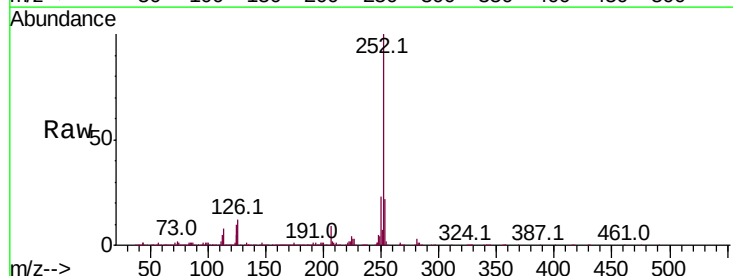
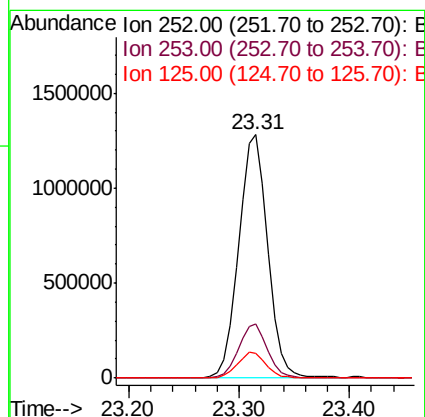
Manual Integrations
APPROVED

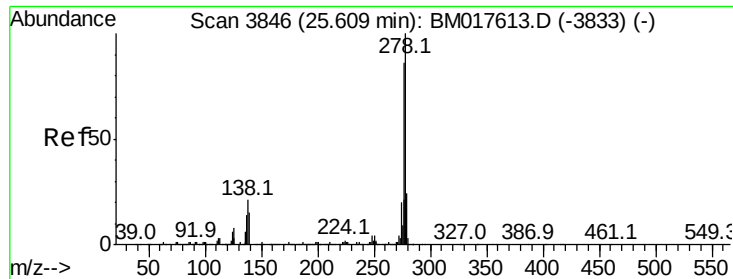
Sohil
11/14/2018 5:18:21 PM



#90
Benzo(a)pyrene
Concen: 49.458 ng
RT: 23.31 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.4	8.2	12.2





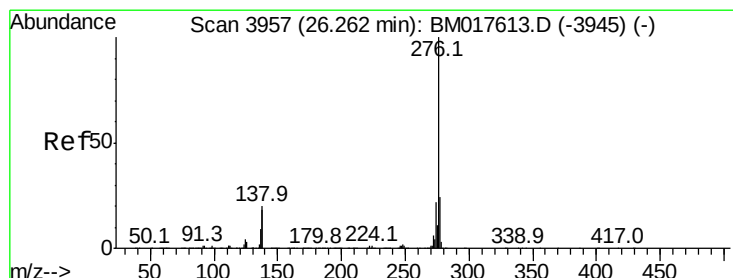
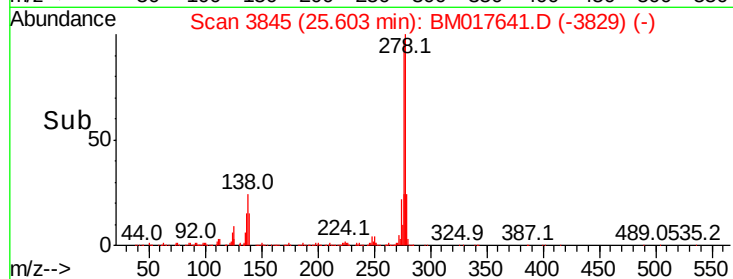
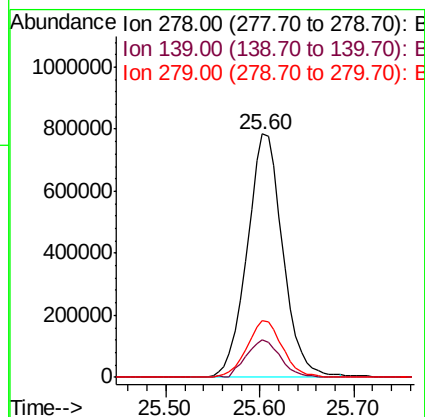
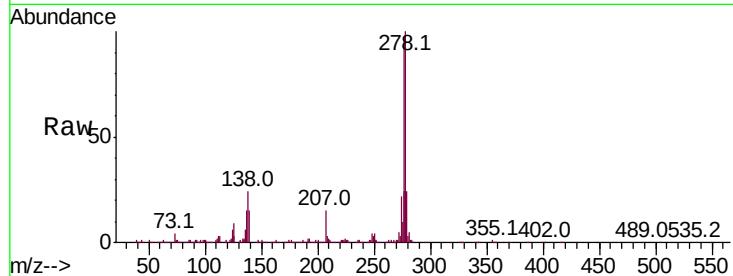
#91
Dibenzo(a,h)anthracene
Concen: 51.265 ng
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Instrument :
BNA_M
ClientSampleId :
PB114777BSD

Tot	Ion:278	Resp: 2062173	
Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.8	17.6
279	23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
11/14/2018 5:18:21 PM



#92
Benzo(g,h,i)perylene
Concen: 52.194 ng
RT: 26.26 min Scan# 3957
Delta R.T. -0.00 min
Lab File: BM017641.D
Acq: 14 Nov 2018 03:27

Tgt	Ion:276	Resp:	1974335
Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.2	15.9	23.9

