

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
 Data File : BM018573.D
 Acq On : 15 Jan 2019 22:29
 Operator : JU/SJ
 Sample : K1131-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:07:32 PM

Quant Time: Jan 16 00:35:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	241729	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	1028035	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	611663	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1483912	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1762481	20.00	ng	0.00
87) Perylene-d12	23.63	264	1919929	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1602560	122.41	ng	0.00
7) Phenol-d6	6.93	99	2139136	128.65	ng	0.00
23) Nitrobenzene-d5	8.92	82	1272705	71.77	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	984136	126.36	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3336899	71.19	ng	0.00
79) Terphenyl-d14	19.78	244	5768464	68.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	141552	26.529	ng	94
3) Pyridine	3.68	79	405126	30.455	ng	99
4) n-Nitrosodimethylamine	3.60	42	220781	40.136	ng	# 95
6) Aniline	7.09	93	272637	14.699	ng	99
8) 2-Chlorophenol	7.32	128	619432	40.514	ng	96
9) Benzaldehyde	6.90	77	165498	14.553	ng	96
10) Phenol	6.96	94	744531	44.065	ng	98
11) bis(2-Chloroethyl)ether	7.19	93	477932	35.999	ng	95
12) 1,3-Dichlorobenzene	7.64	146	629354	34.564	ng	99
13) 1,4-Dichlorobenzene	7.79	146	646156	35.012	ng	99
14) 1,2-Dichlorobenzene	8.10	146	621976	35.543	ng	98
15) Benzyl Alcohol	8.00	79	508478	42.340	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.28	45	598484	35.275	ng	93
17) 2-Methylphenol	8.20	107	492008	42.899	ng	98
18) Hexachloroethane	8.82	117	227015	34.500	ng	96
19) n-Nitroso-di-n-propylamine	8.56	70	404031	37.339	ng	94
20) 3+4-Methylphenols	8.52	107	680409	42.975	ng	99
22) Acetophenone	8.58	105	843557	33.170	ng	# 97
24) Nitrobenzene	8.96	77	614851	35.238	ng	96
25) Isophorone	9.48	82	1130113	42.084	ng	97
26) 2-Nitrophenol	9.66	139	338548	40.126	ng	96
27) 2,4-Dimethylphenol	9.72	122	540524	42.742	ng	99
28) bis(2-Chloroethoxy)methane	9.96	93	689174	37.150	ng	100
29) 2,4-Dichlorophenol	10.19	162	616312	40.928	ng	98
30) 1,2,4-Trichlorobenzene	10.40	180	632423	33.836	ng	99
31) Naphthalene	10.59	128	1858123	37.530	ng	100
32) Benzoic acid	9.82	122	103838m	17.045	ng	
33) 4-Chloroaniline	10.72	127	214393	10.995	ng	99
34) Hexachlorobutadiene	10.86	225	380066	32.187	ng	98
35) Caprolactam	11.52	113	199108m	38.890	ng	
36) 4-Chloro-3-methylphenol	11.84	107	656152	41.533	ng	99
37) 2-Methylnaphthalene	12.21	142	1414225	40.429	ng	99
38) 1-Methylnaphthalene	12.43	142	1342056	39.651	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.57	216	733184	34.278	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
 Data File : BM018573.D
 Acq On : 15 Jan 2019 22:29
 Operator : JU/SJ
 Sample : K1131-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:07:32 PM

Quant Time: Jan 16 00:35:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	802886	68.393	ng	100
43) 2,4,6-Trichlorophenol	12.82	196	518369	39.908	ng	99
44) 2,4,5-Trichlorophenol	12.90	196	568897	41.645	ng	98
46) 1,1'-Biphenyl	13.23	154	1813389	33.954	ng	99
47) 2-Chloronaphthalene	13.27	162	1421692	34.328	ng	99
48) 2-Nitroaniline	13.49	65	401821	39.436	ng	91
49) Acenaphthylene	14.12	152	2368575	39.244	ng	99
50) Dimethylphthalate	13.86	163	2861644	56.966	ng	99
51) 2,6-Dinitrotoluene	13.99	165	422129	39.671	ng	90
52) Acenaphthene	14.46	154	1339802	36.281	ng	98
53) 3-Nitroaniline	14.32	138	174246	16.243	ng	98
54) 2,4-Dinitrophenol	14.53	184	277271	51.003	ng	91
55) Dibenzofuran	14.80	168	2199666	36.050	ng	100
56) 4-Nitrophenol	14.64	139	783334	84.524	ng	94
57) 2,4-Dinitrotoluene	14.78	165	603715	40.099	ng	98
58) Fluorene	15.45	166	1822734	40.101	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.03	232	530092	43.778	ng	96
60) Diethylphthalate	15.23	149	1938498	38.225	ng	99
61) 4-Chlorophenyl-phenylether	15.44	204	918172	35.049	ng	99
62) 4-Nitroaniline	15.49	138	416612	35.604	ng	99
63) Azobenzene	15.74	77	1527833	36.952	ng	97
65) 4,6-Dinitro-2-methylphenol	15.53	198	311209	34.599	ng	91
66) n-Nitrosodiphenylamine	15.67	169	1625480	35.313	ng	99
67) 4-Bromophenyl-phenylether	16.34	248	566701	34.127	ng	97
68) Hexachlorobenzene	16.44	284	635908	34.207	ng	98
69) Atrazine	16.62	200	628594	37.775	ng	98
70) Pentachlorophenol	16.80	266	864978	71.045	ng	100
71) Phenanthrene	17.19	178	2989409	37.875	ng	99
72) Anthracene	17.29	178	3038243	40.030	ng	100
73) Carbazole	17.56	167	2864254	36.732	ng	99
74) Di-n-butylphthalate	18.12	149	3420214	40.042	ng	100
75) Fluoranthene	19.22	202	3701869	40.680	ng	97
77) Benzidine	19.41	184	1242858	28.559	ng	100
78) Pyrene	19.58	202	3813415	36.502	ng	100
80) Butylbenzylphthalate	20.48	149	1732873	38.872	ng	96
81) Benzo(a)anthracene	21.33	228	4013001	38.650	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	728383	18.551	ng	100
83) Chrysene	21.38	228	3788071	37.781	ng	100
84) Bis(2-ethylhexyl)phthalate	21.25	149	2480138	38.528	ng	99
85) Di-n-octyl phthalate	22.14	149	4484047	41.416	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.94	276	4963361	42.930	ng	96
88) Benzo(b)fluoranthene	22.94	252	4389379	40.270	ng	99
89) Benzo(k)fluoranthene	22.99	252	4047496	36.847	ng	98
90) Benzo(a)pyrene	23.53	252	4162997	39.894	ng	98
91) Dibenzo(a,h)anthracene	25.96	278	4180310	39.536	ng	98
92) Benzo(g,h,i)perylene	26.66	276	4098769	39.836	ng	97

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

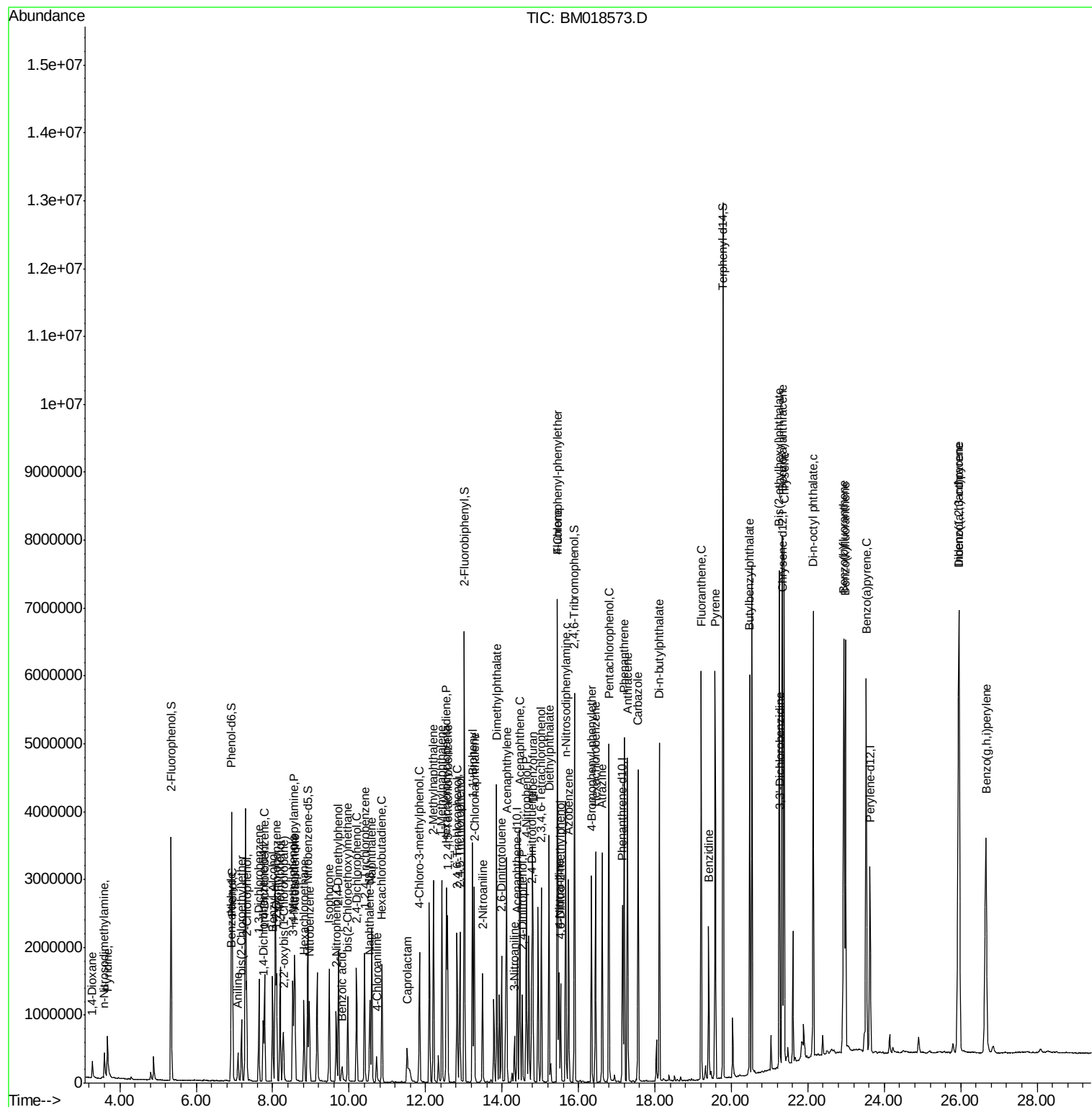
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011519\
 Data File : BM018573.D
 Acq On : 15 Jan 2019 22:29
 Operator : JU/SJ
 Sample : K1131-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

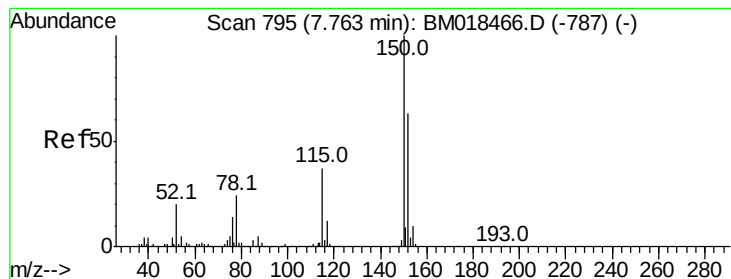
Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Manual Integrations
 APPROVED

Sohil
 1/16/2019 2:07:32 PM

Quant Time: Jan 16 00:35:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 10 05:57:41 2019
 Response via : Initial Calibration





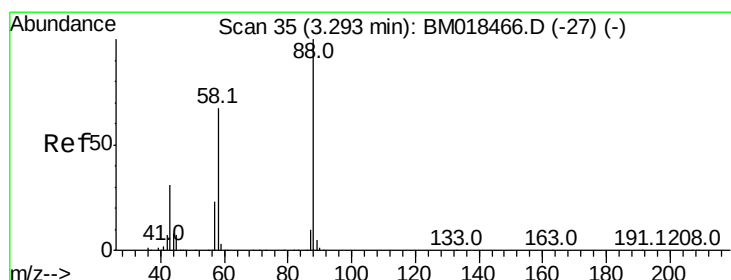
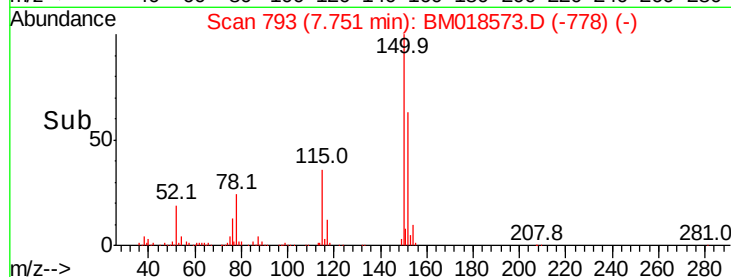
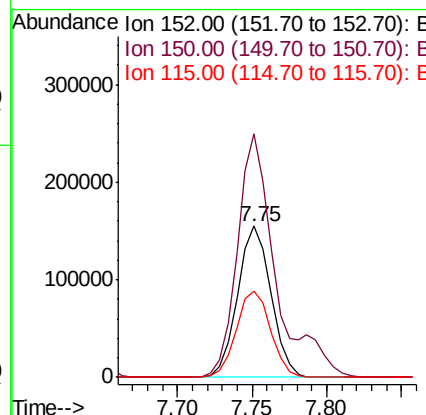
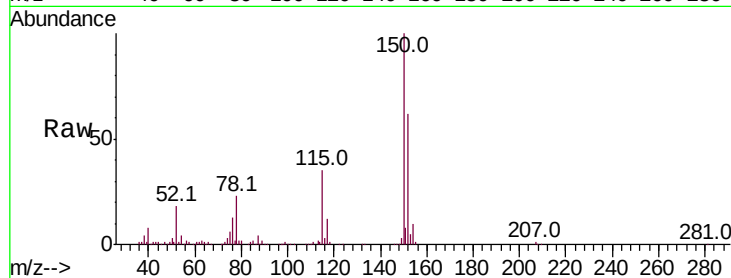
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.9	190.3
115	56.7	45.5	68.3

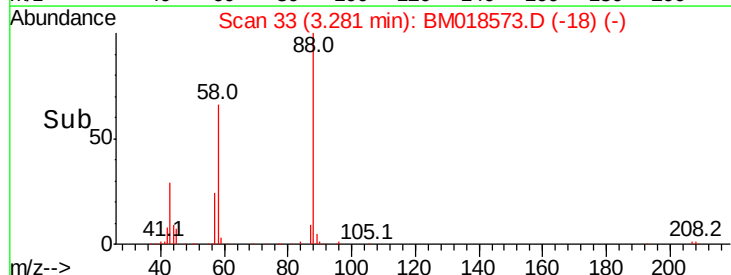
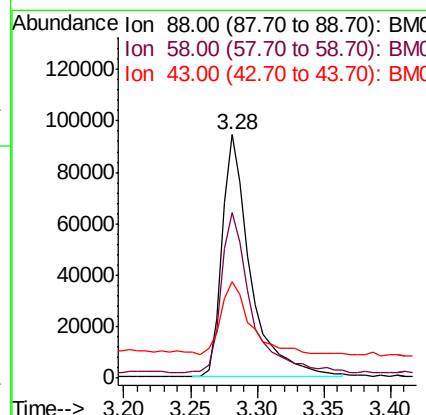
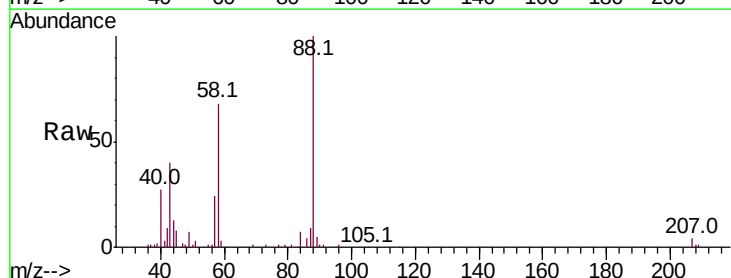
Manual Integrations
 APPROVED

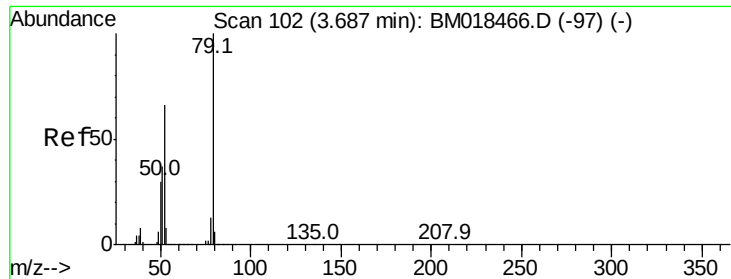
Sohil
 1/16/2019 2:07:32 PM



#2
 1,4-Dioxane
 Concen: 26.529 ng
 RT: 3.28 min Scan# 33
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	58.4	87.6
43	30.6	26.2	39.4





#3

Pvridine

Concen: 30.455 ng

RT: 3.68 min Scan# 100

Delta R.T. -0.04 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

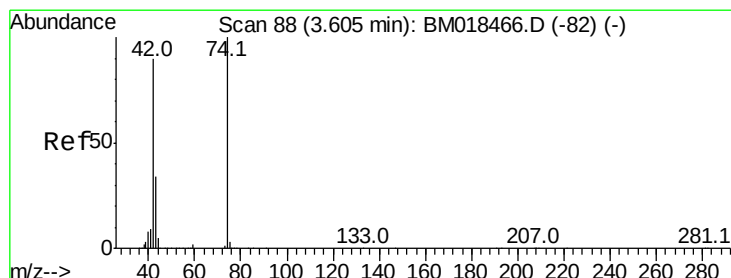
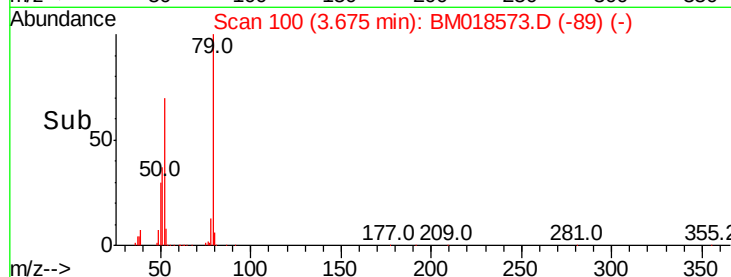
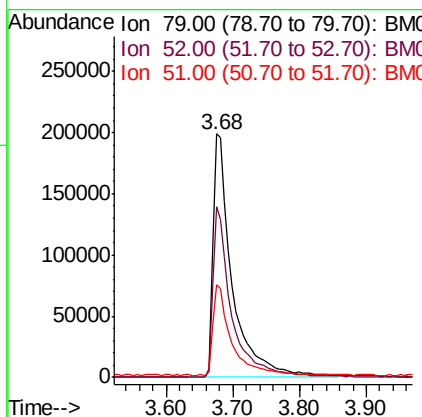
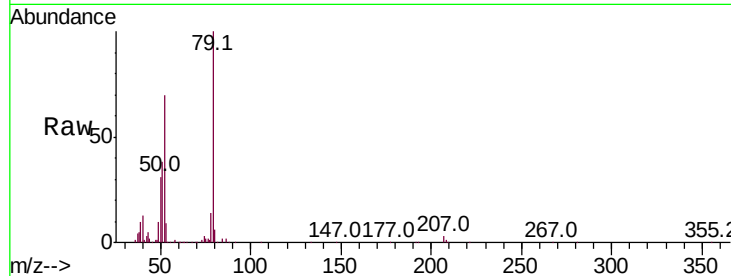
ClientSampleId :

QD-01-011019MS

Tot Ion	79	Resp	405126
Ion Ratio	Lower	Upper	
79	100		
52	69.8	56.4	84.6
51	37.8	31.0	46.4

Manual Integrations
APPROVED

Sohil
1/16/2019 2:07:32 PM



#4

n-Nitrosodimethylamine

Concen: 40.136 ng

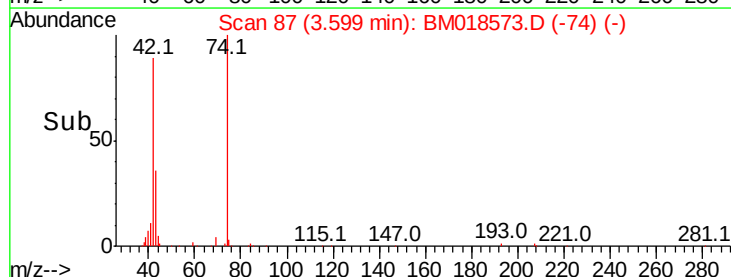
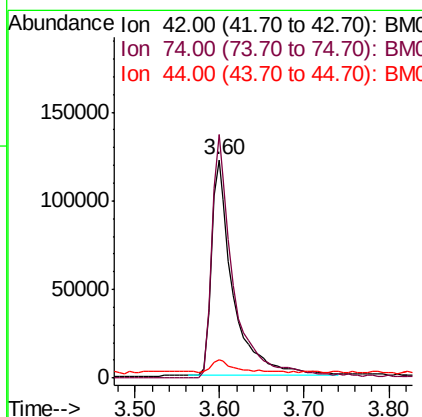
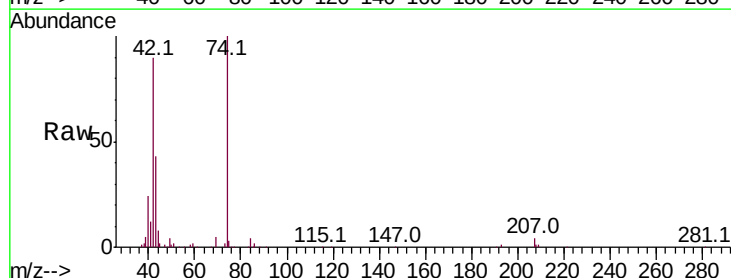
RT: 3.60 min Scan# 87

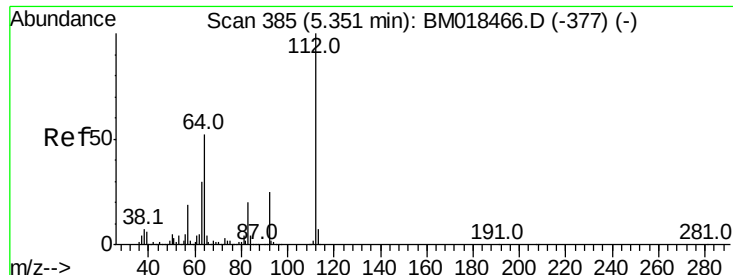
Delta R.T. -0.02 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Tgt Ion	42	Resp	220781
Ion Ratio	Lower	Upper	
42	100		
74	111.4	88.6	132.8
44	8.4	16.9	25.3





#5

2-Fluorophenol

Concen: 122.415 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

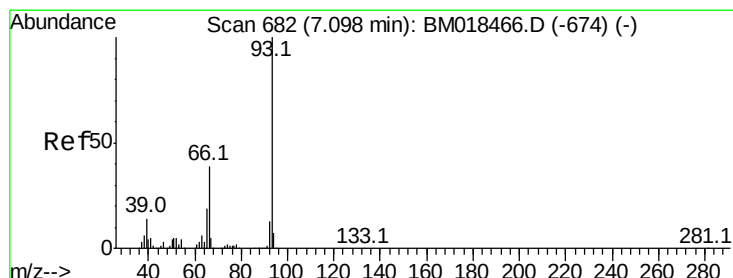
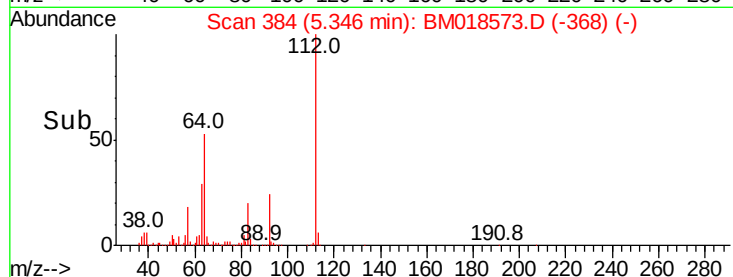
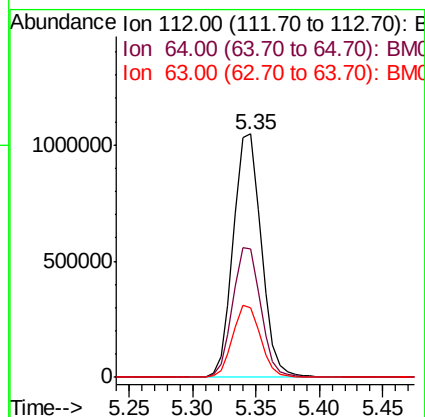
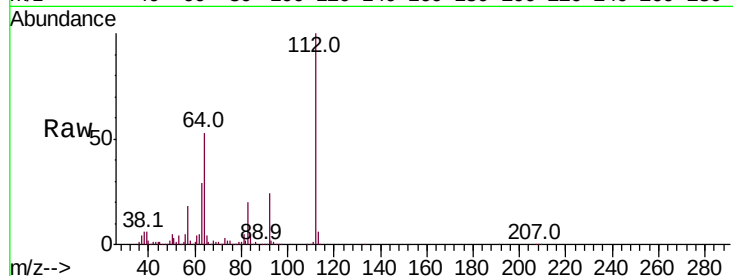
ClientSampleId :

QD-01-011019MS

Tot Ion:	112	Resp:	1602560
Ion	Ratio	Lower	Upper
112	100		
64	52.5	46.5	69.7
63	28.7	25.2	37.8

Manual Integrations
APPROVED

Sohil
1/16/2019 2:07:32 PM



#6

Aniline

Concen: 14.699 ng

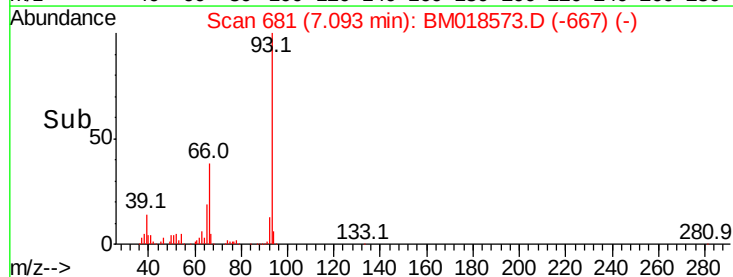
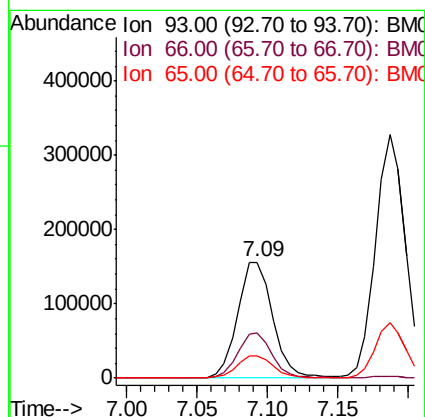
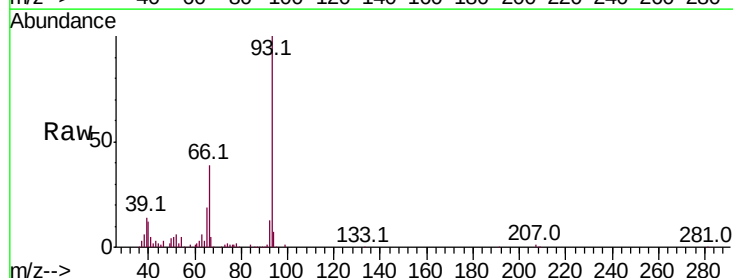
RT: 7.09 min Scan# 681

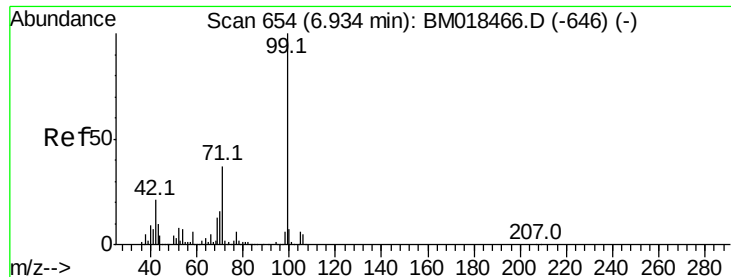
Delta R.T. -0.02 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Tgt Ion:	93	Resp:	272637
Ion	Ratio	Lower	Upper
93	100		
66	38.8	31.7	47.5
65	19.4	15.9	23.9





#7

Phenol-d6

Concen: 128.651 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion: 99 Resp: 2139136

Ion Ratio Lower Upper

99 100

42 19.7 17.3 25.9

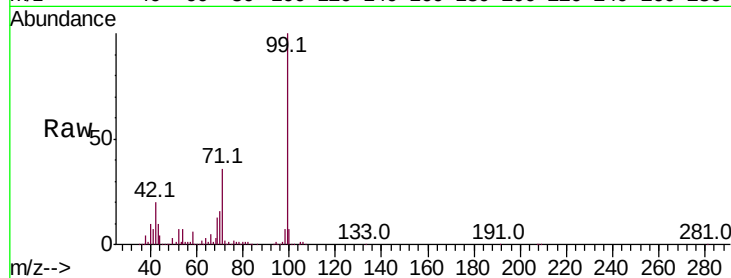
71 36.3 28.0 42.0

Manual Integrations

APPROVED

Sohil

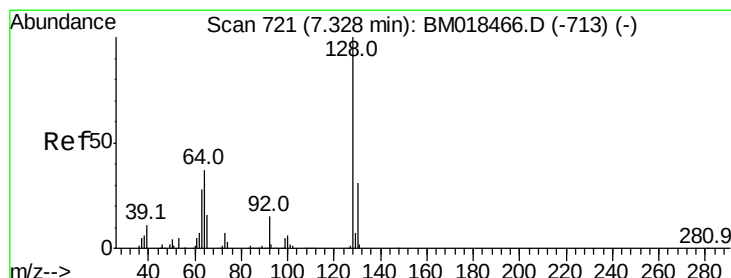
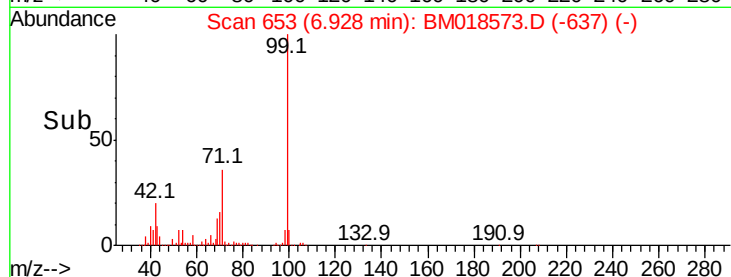
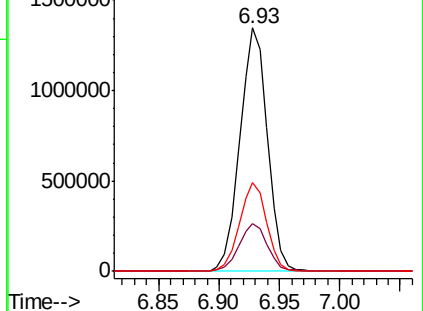
1/16/2019 2:07:32 PM



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

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

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



#8

2-Chlorophenol

Concen: 40.514 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

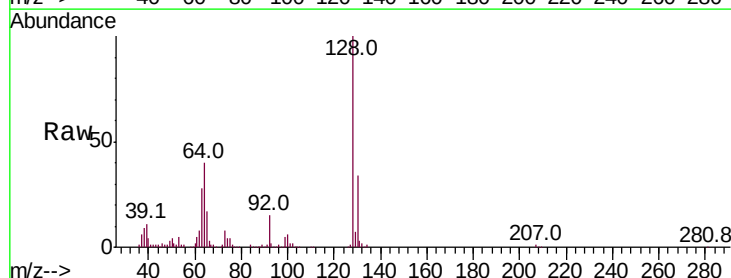
Tgt Ion:128 Resp: 619432

Ion Ratio Lower Upper

128 100

130 33.8 13.6 53.6

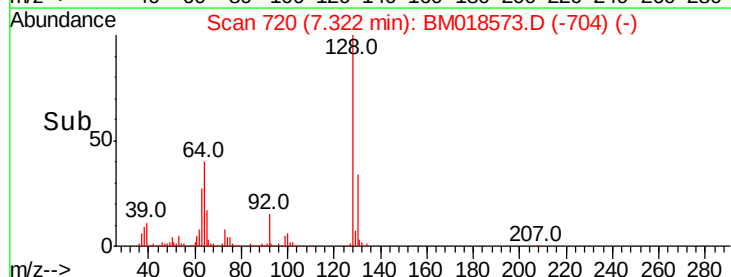
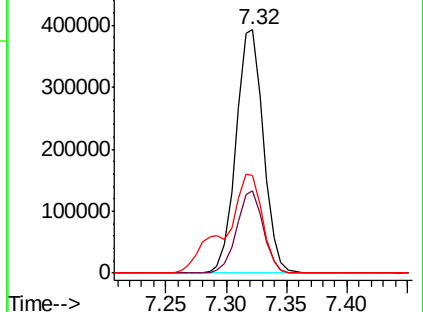
64 39.9 24.8 64.8

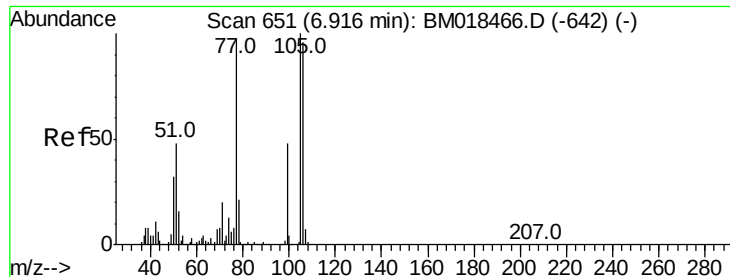


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

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

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





#9

Benzaldehyde

Concen: 14.553 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

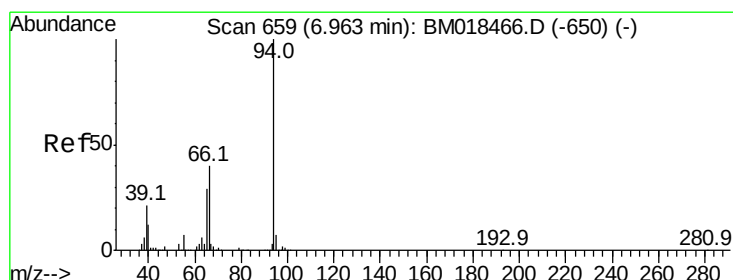
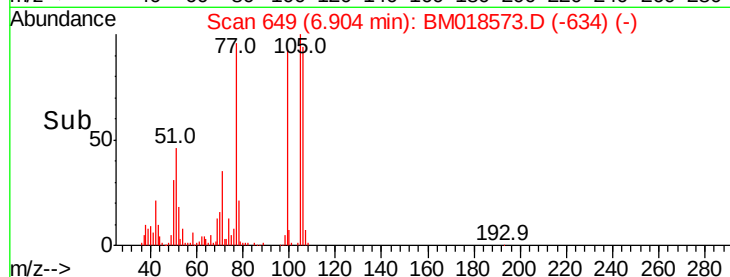
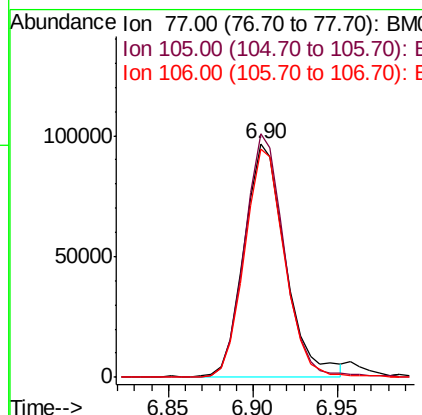
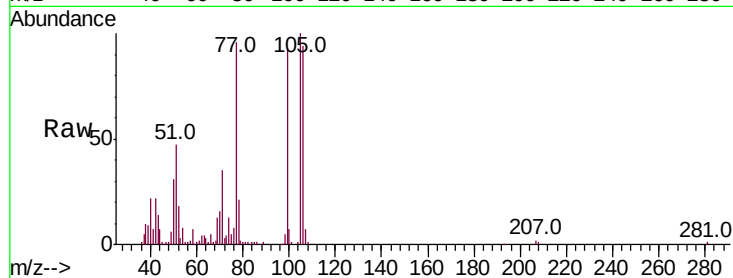
ClientSampleId :

QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.2	79.7	119.7
106	97.6	75.2	115.2

Manual Integrations
APPROVED

Sohil
1/16/2019 2:07:32 PM



#10

Phenol

Concen: 44.065 ng

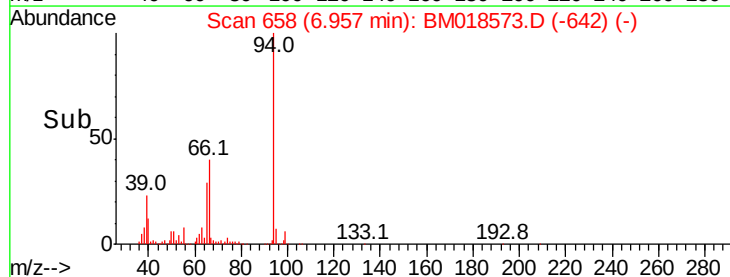
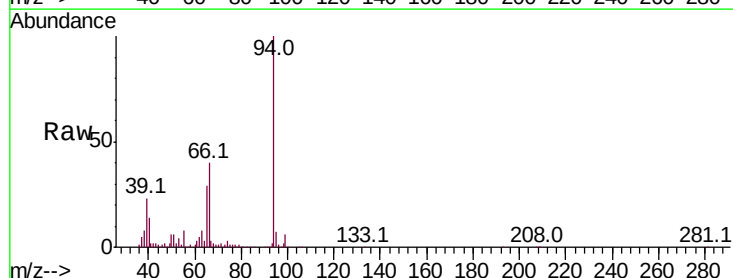
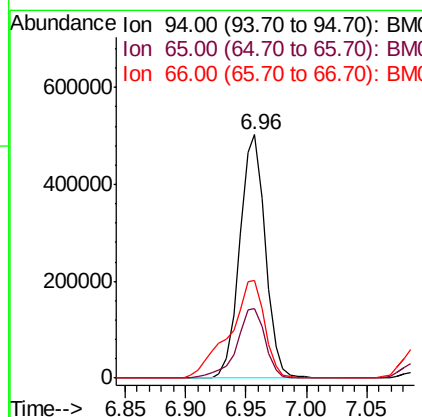
RT: 6.96 min Scan# 658

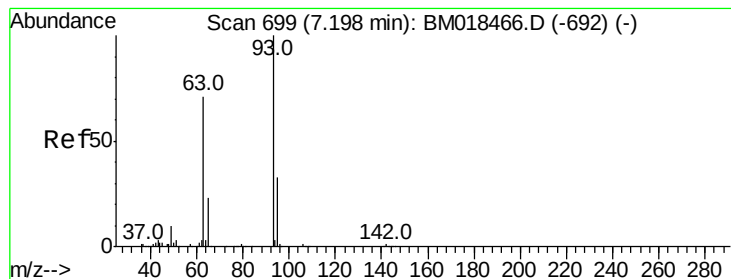
Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.6	9.4	49.4
66	40.3	19.1	59.1





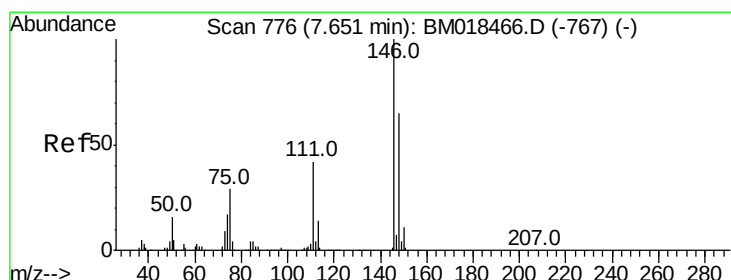
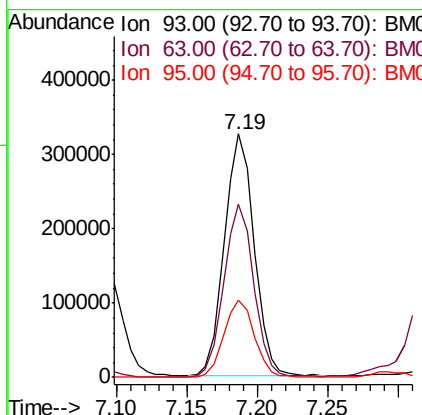
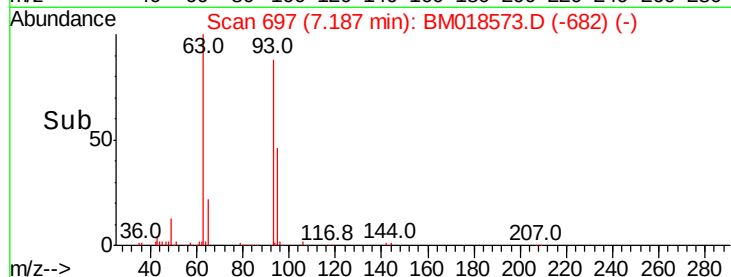
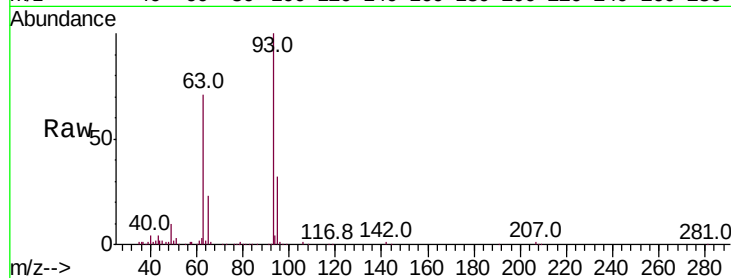
#11
bis(2-Chloroethyl)ether
Concen: 35.999 ng
RT: 7.19 min Scan# 697
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.3	56.4	96.4
95	31.9	12.7	52.7

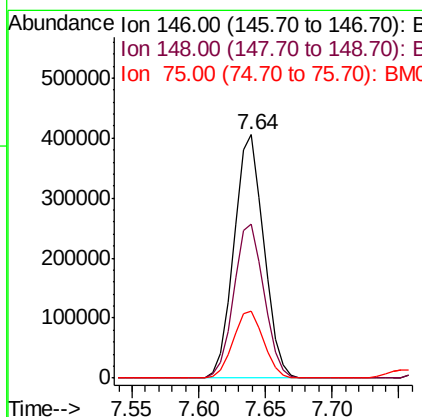
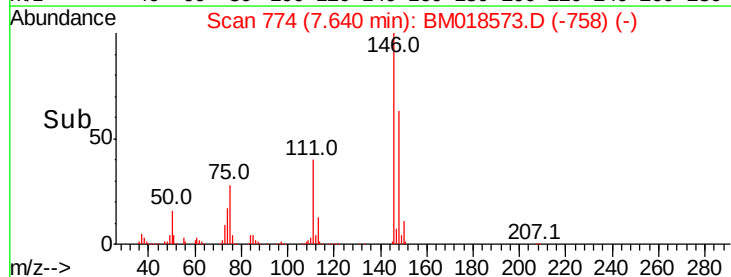
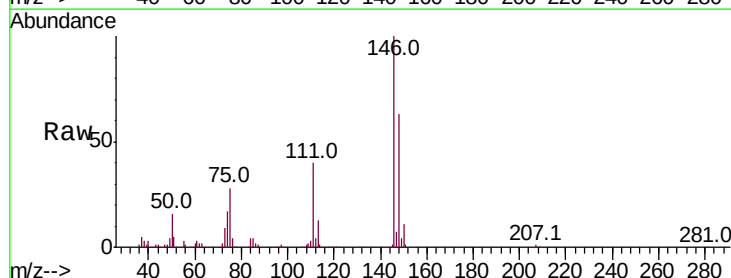
Manual Integrations
APPROVED

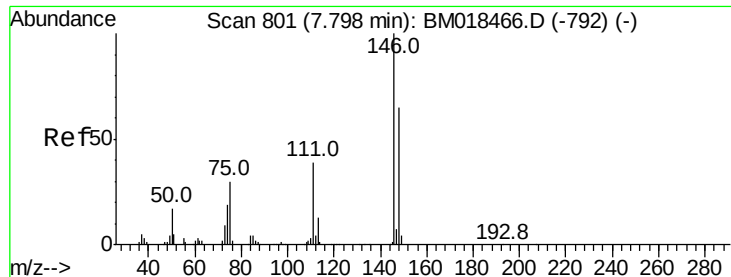
Sohil
1/16/2019 2:07:32 PM



#12
1,3-Dichlorobenzene
Concen: 34.564 ng
RT: 7.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.5	75.7
75	27.7	23.0	34.6





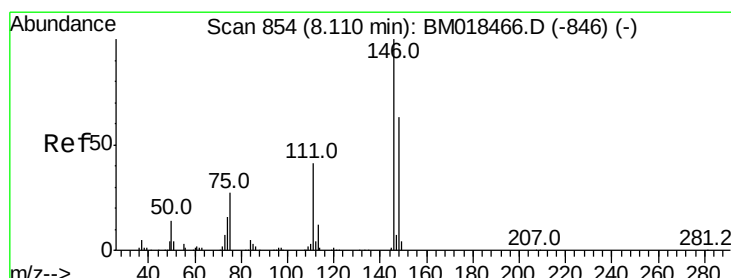
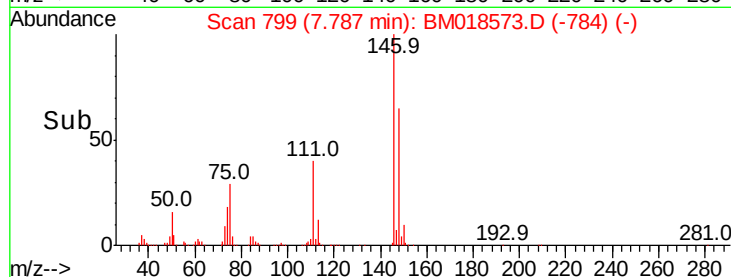
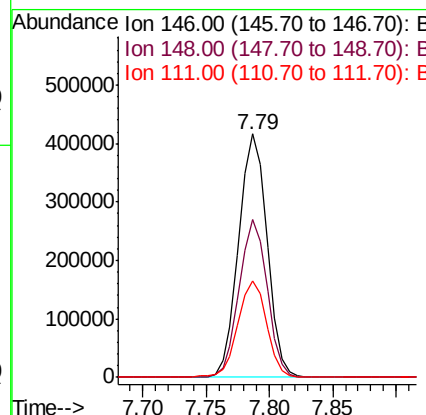
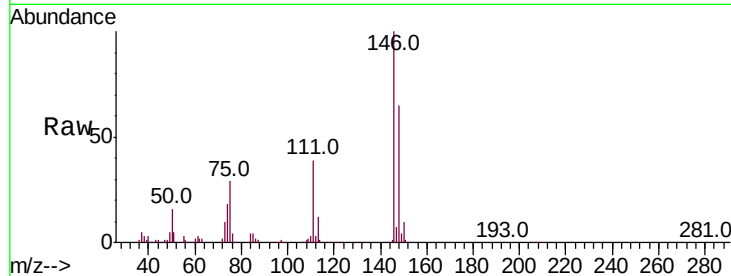
#13
1,4-Dichlorobenzene
Concen: 35.012 ng
RT: 7.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	39.5	32.2	48.2

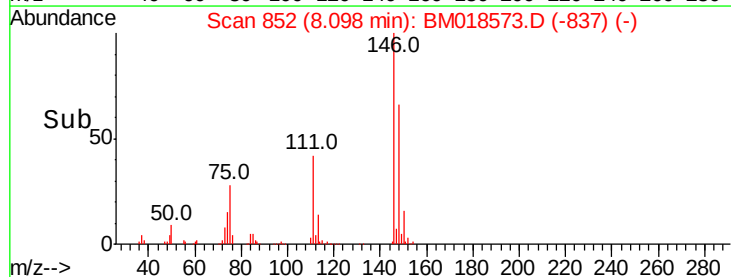
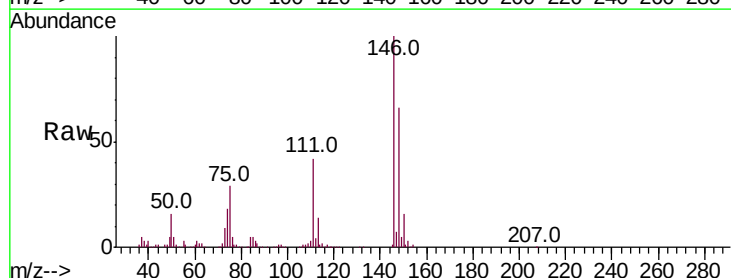
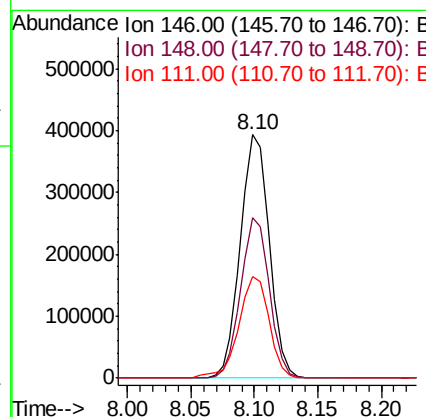
Manual Integrations
APPROVED

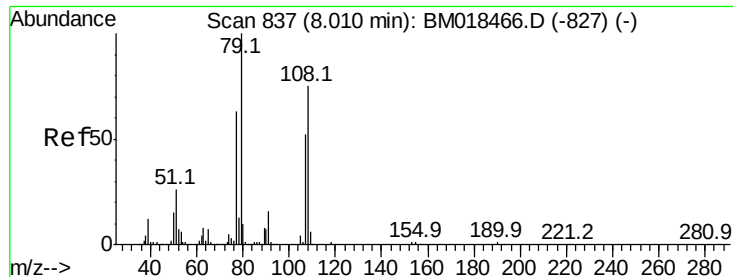
Sohil
1/16/2019 2:07:32 PM



#14
1,2-Dichlorobenzene
Concen: 35.543 ng
RT: 8.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.0	76.6
111	41.8	33.8	50.6





#15

Benzyl Alcohol

Concen: 42.340 ng

RT: 8.00 min Scan# 835

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

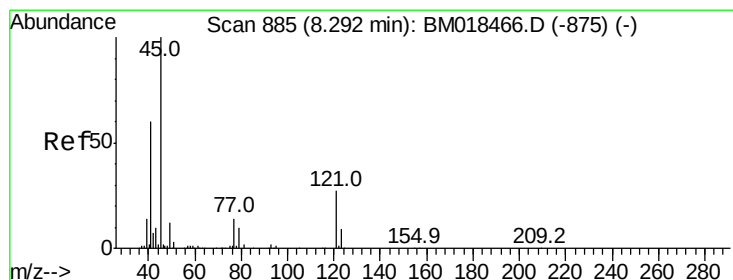
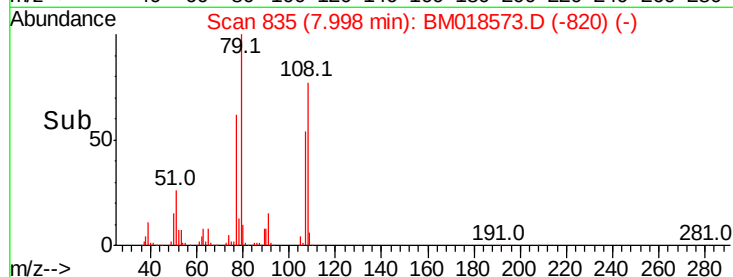
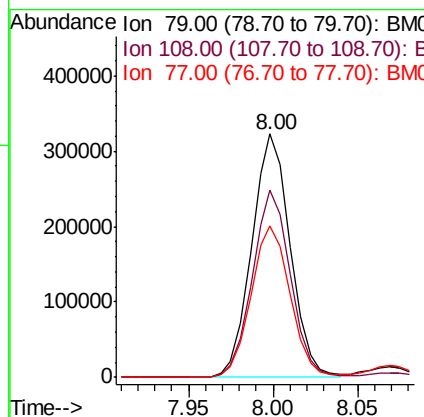
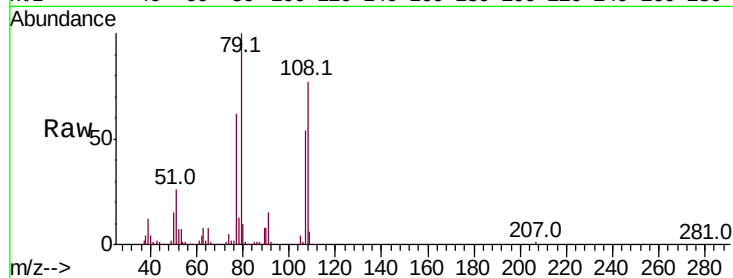
ClientSampleId :

QD-01-011019MS

Tot Ion:	79	Resp:	508478
Ion Ratio	Lower	Upper	
79	100		
108	77.2	60.4	90.6
77	62.3	53.4	80.2

Manual Integrations
APPROVED

Sohil
1/16/2019 2:07:32 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.275 ng

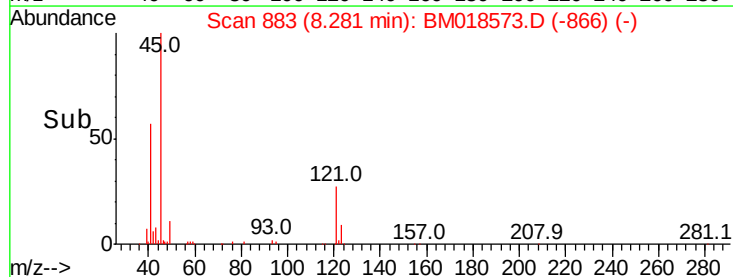
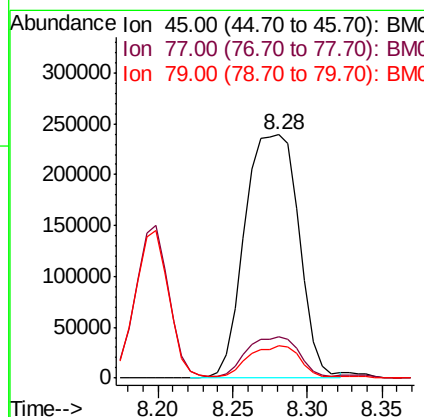
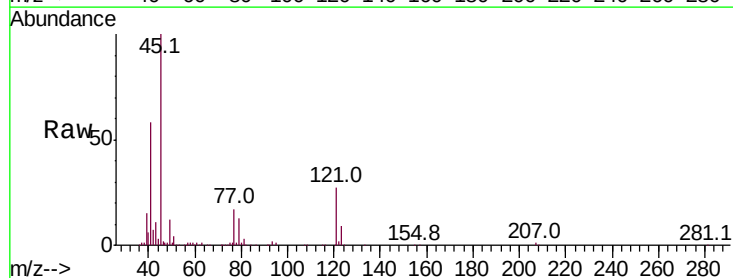
RT: 8.28 min Scan# 883

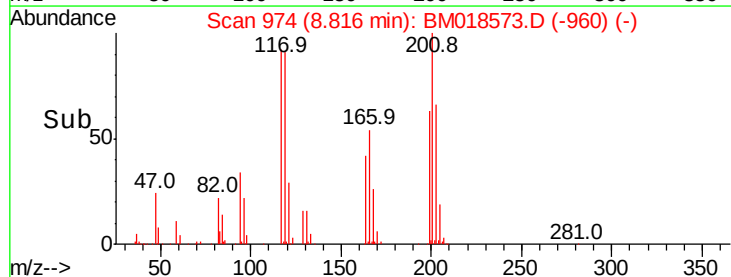
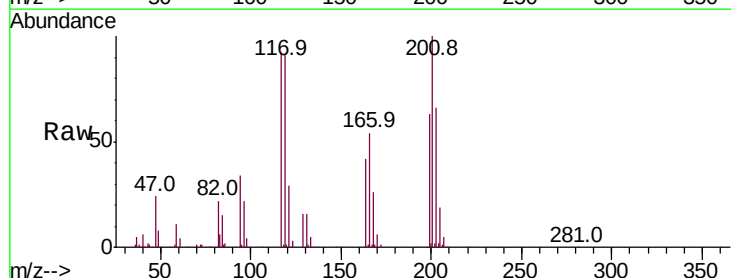
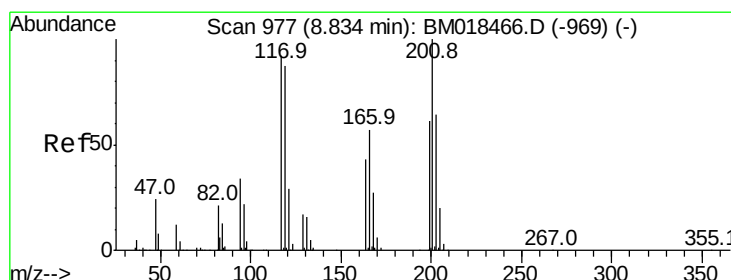
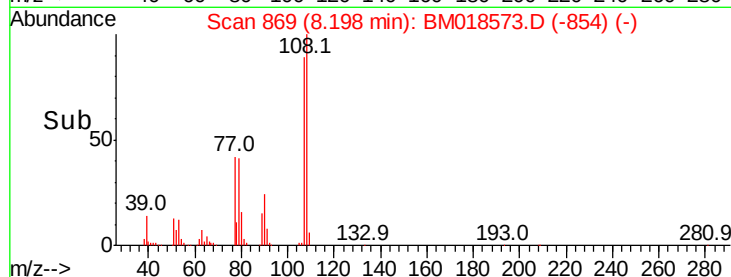
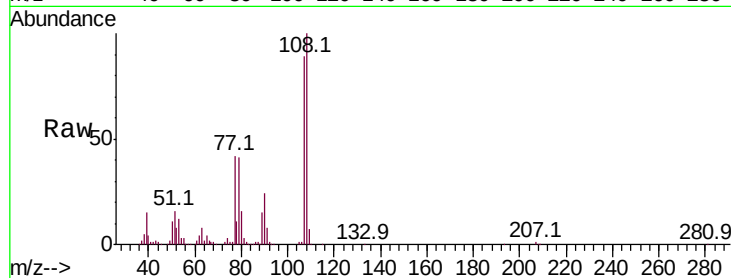
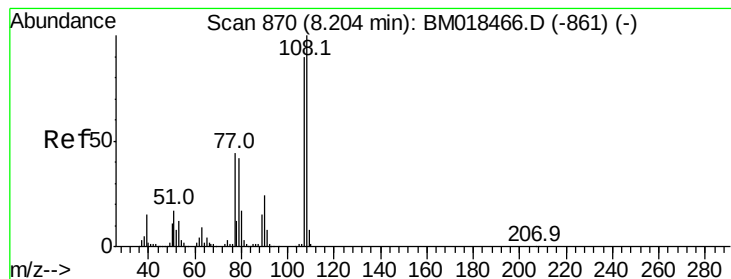
Delta R.T. -0.00 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

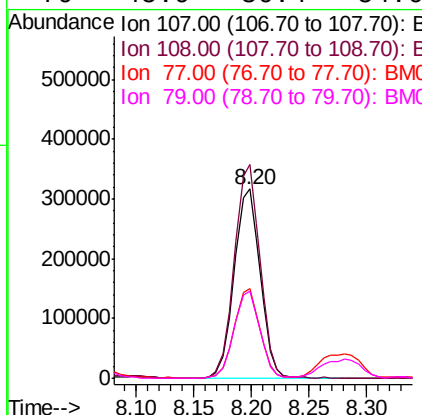
Tgt Ion:	45	Resp:	598484
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.0	33.4
79	13.1	0.0	31.1





#17
2-Methylphenol
Concen: 42.899 ng
RT: 8.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	87.5	131.3	
77	47.4	37.3	55.9	
79	45.9	36.4	54.6	



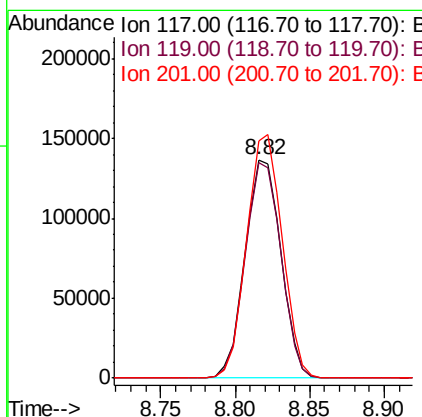
Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

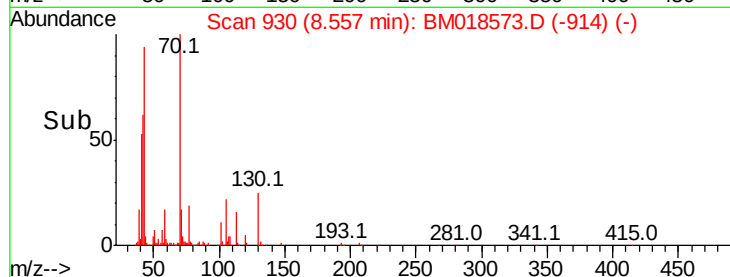
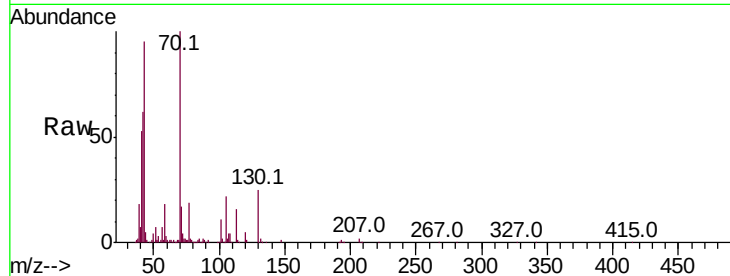
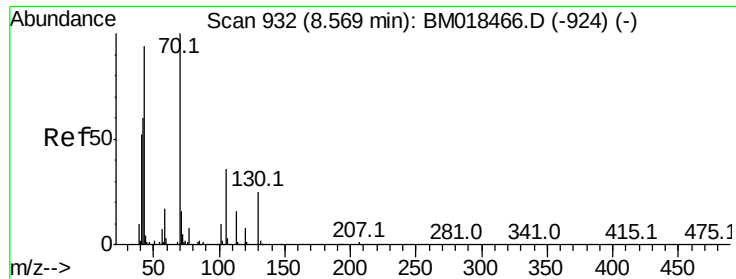
Manual Integrations
APPROVED

Sohil
1/16/2019 2:07:32 PM

#18
Hexachloroethane
Concen: 34.500 ng
RT: 8.82 min Scan# 974
Delta R.T. -0.02 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.5	78.3	117.5	
201	108.7	81.4	122.0	





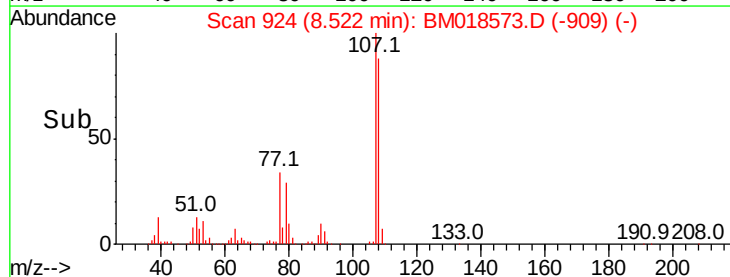
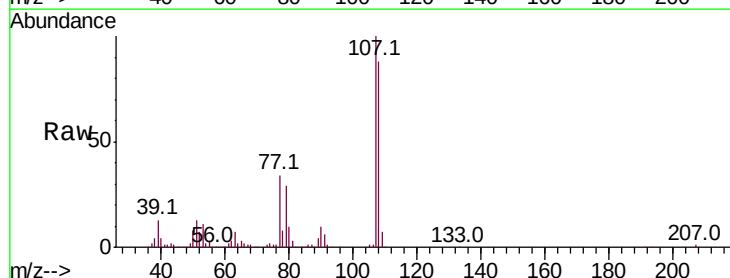
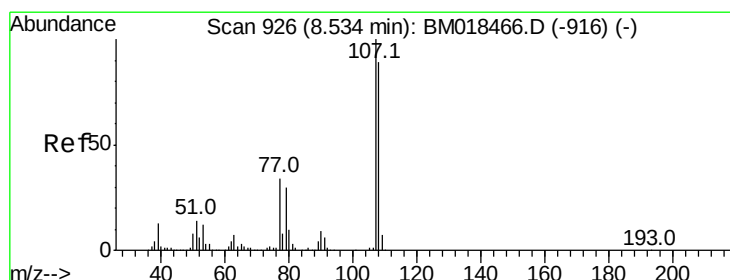
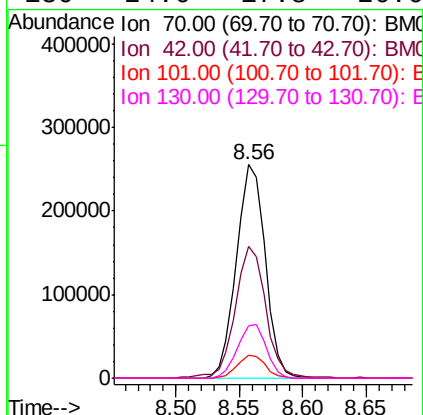
#19
n-Nitroso-di-n-propylamine
Concen: 37.339 ng
RT: 8.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.9	54.0	81.0
101	10.8	8.1	12.1
130	24.6	17.8	26.6

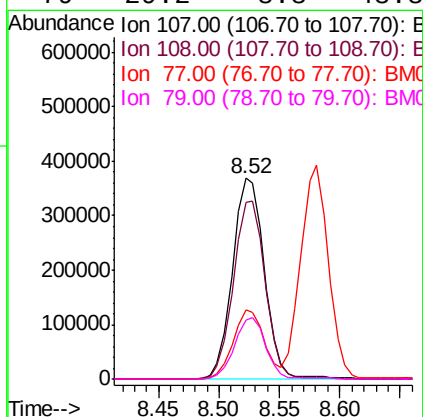
Manual Integrations
APPROVED

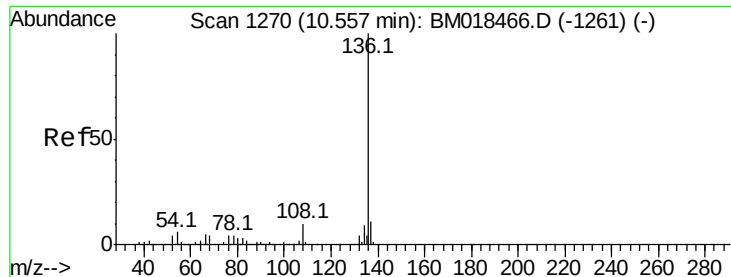
Sohil
1/16/2019 2:07:32 PM



#20
3+4-Methylphenols
Concen: 42.975 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	66.8	106.8
77	34.2	13.3	53.3
79	29.2	8.8	48.8





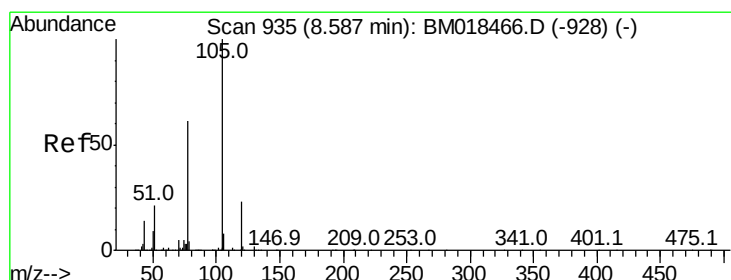
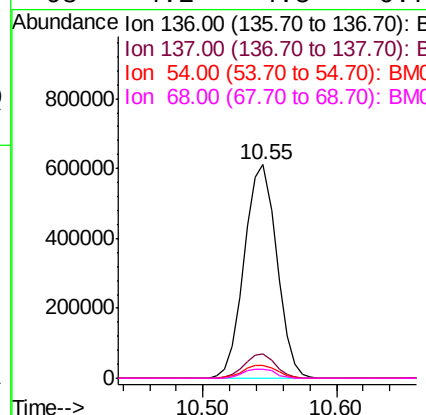
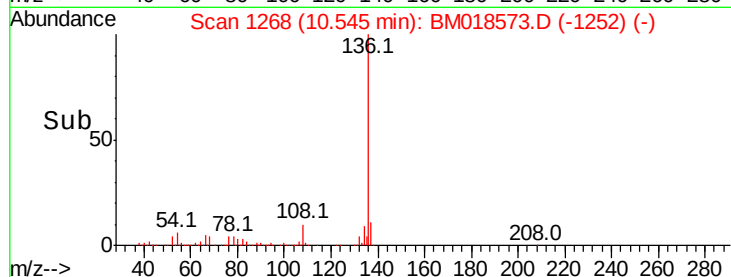
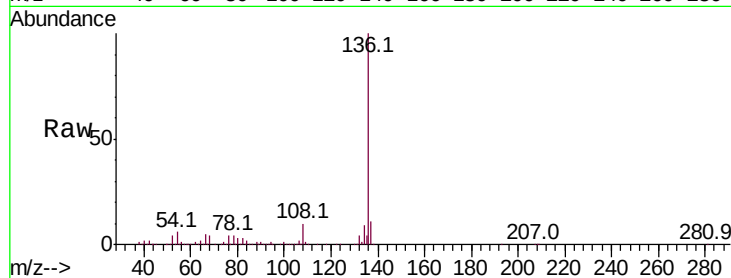
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.0	6.0	9.0
68	4.2	4.5	6.7

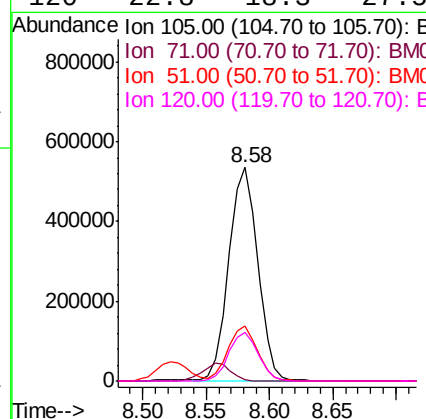
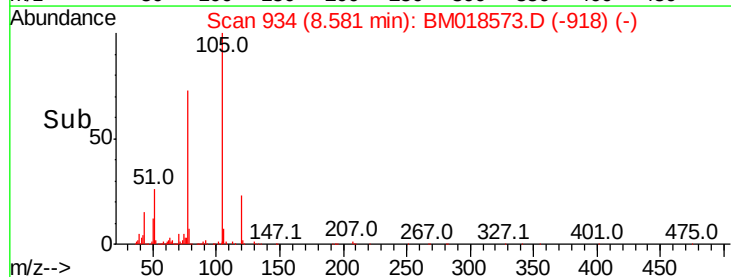
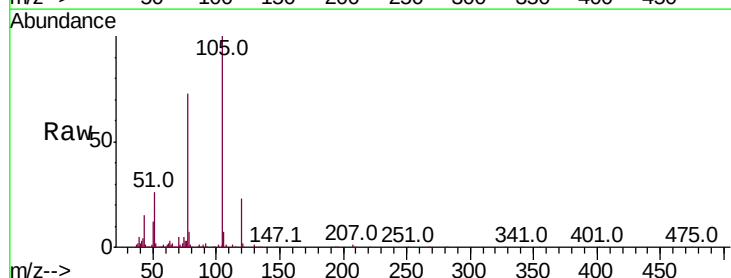
Manual Integrations
APPROVED

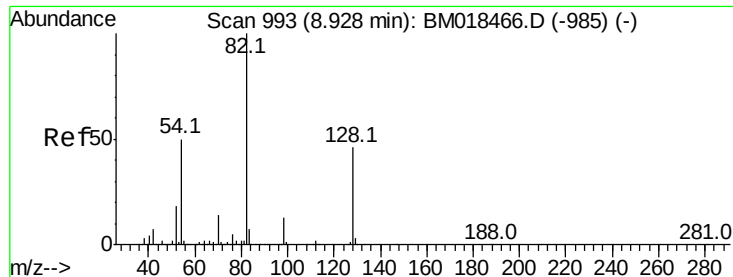
Sohil
1/16/2019 2:07:32 PM



#22
Acetophenone
Concen: 33.170 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.8	1.7	2.5
51	25.9	22.6	34.0
120	22.8	18.3	27.5





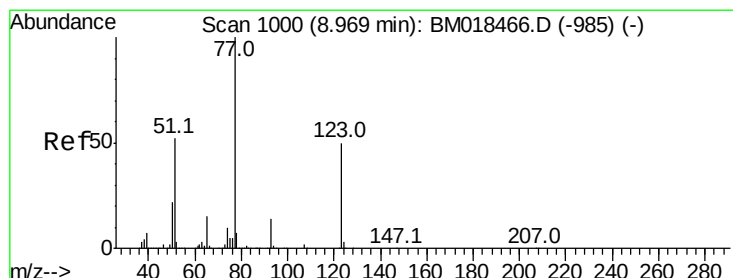
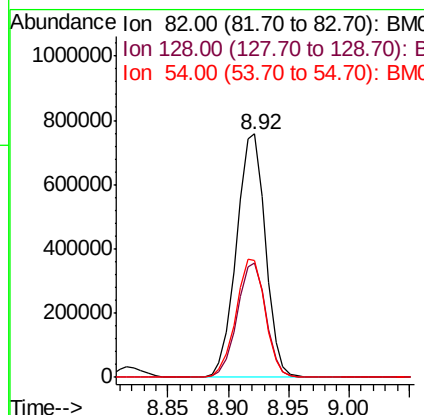
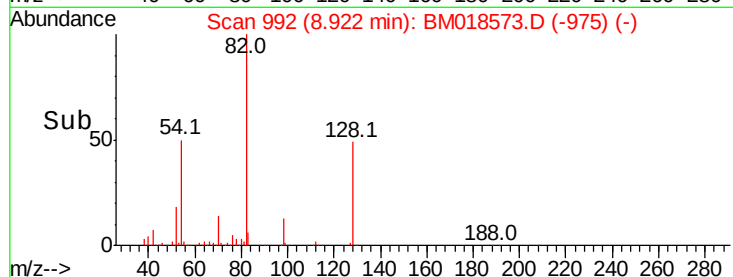
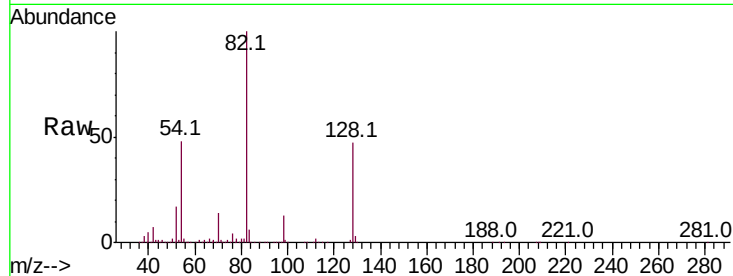
#23
 Nitrobenzene-d5
 Concen: 71.768 ng
 RT: 8.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.3	54.5
54	48.1	41.7	62.5

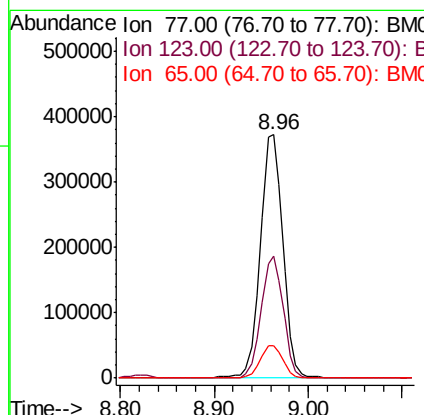
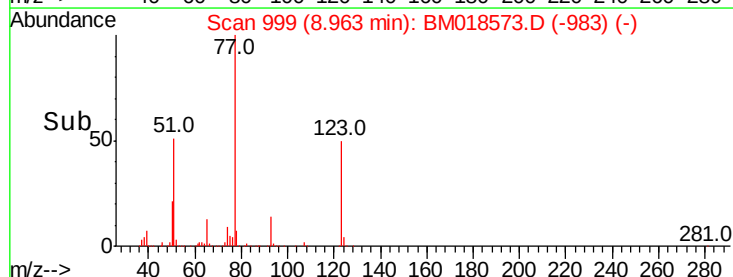
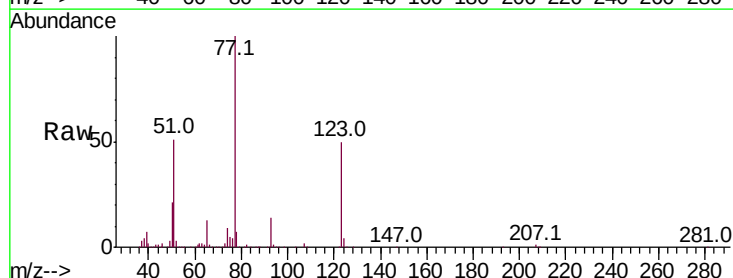
Manual Integrations
 APPROVED

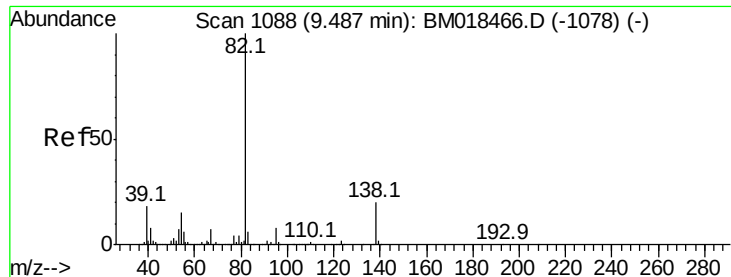
Sohil
 1/16/2019 2:07:32 PM



#24
 Nitrobenzene
 Concen: 35.238 ng
 RT: 8.96 min Scan# 999
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.1	37.7	56.5
65	13.4	11.0	16.6





#25

Isophorone

Concen: 42.084 ng

RT: 9.48 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion: 82 Resp: 1130113

Ion Ratio Lower Upper

82 100

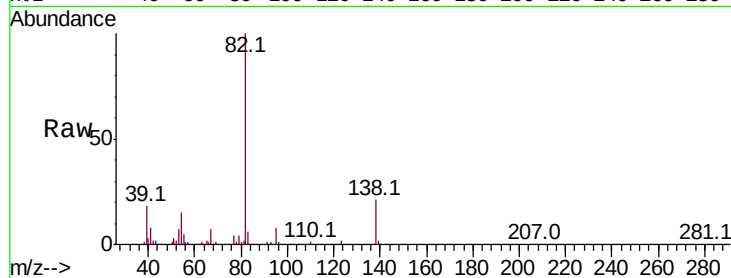
95 8.0 6.1 9.1

138 20.7 15.1 22.7

Manual Integrations
APPROVED

Sohil

1/16/2019 2:07:32 PM



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

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

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

9.48

800000

600000

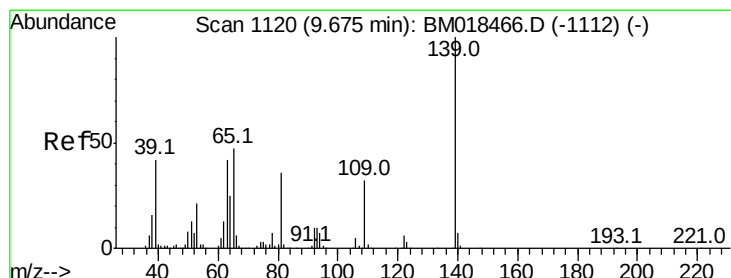
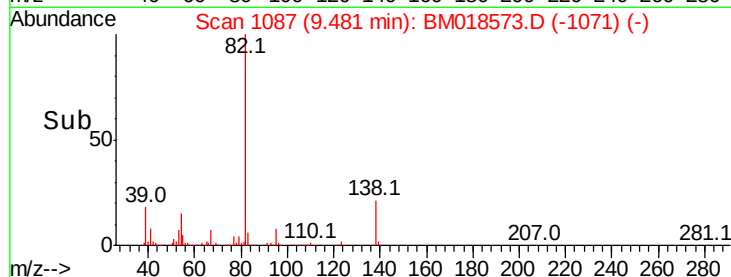
400000

200000

0

9.40 9.45 9.50 9.55

Time-->



#26

2-Nitrophenol

Concen: 40.126 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

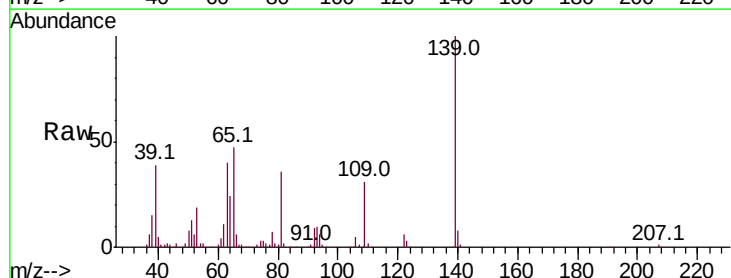
Tgt Ion: 139 Resp: 338548

Ion Ratio Lower Upper

139 100

109 31.0 23.4 35.2

65 46.5 39.4 59.2



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

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

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

9.66

250000

200000

150000

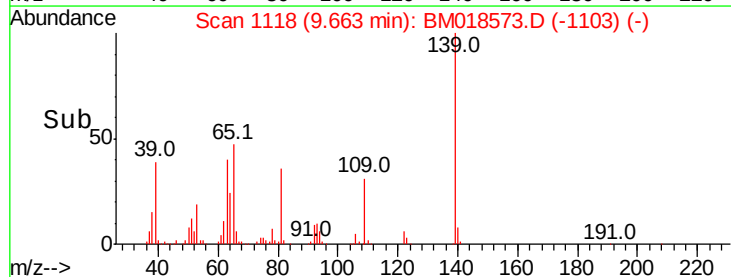
100000

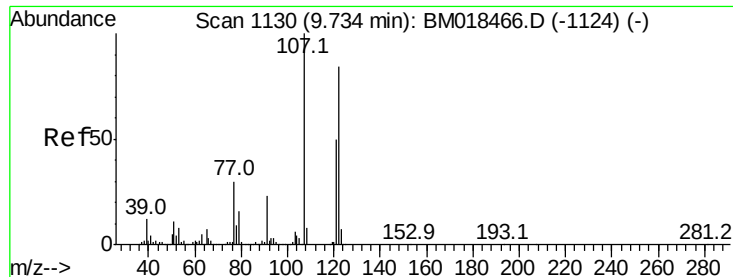
50000

0

9.60 9.65 9.70 9.75

Time-->





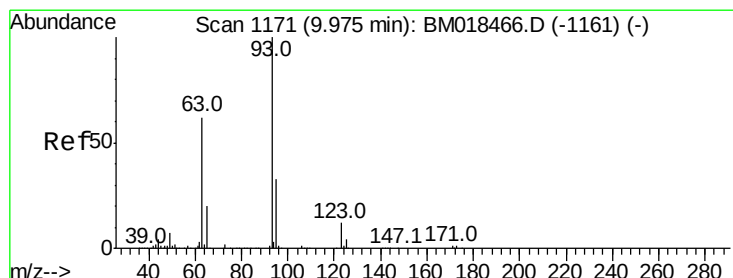
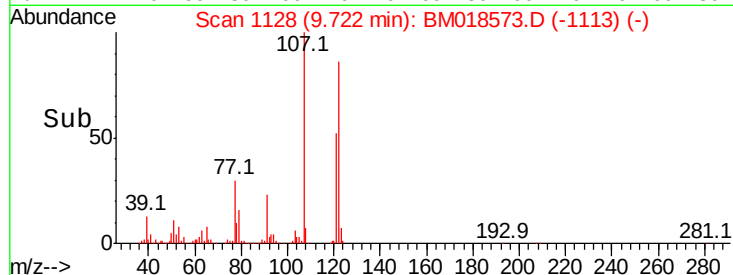
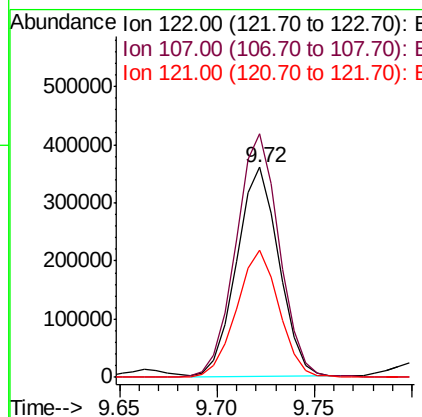
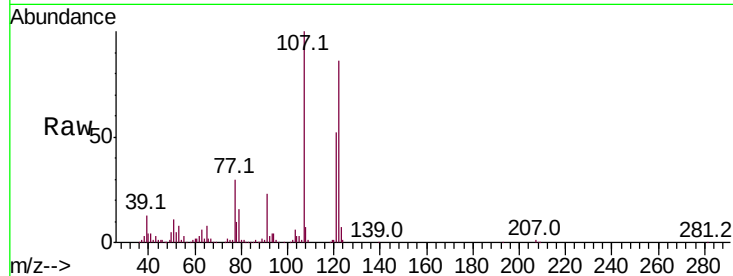
#27
2,4-Dimethylphenol
Concen: 42.742 ng
RT: 9.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	540524		
107	115.8	91.9	137.9	
121	60.4	47.5	71.3	

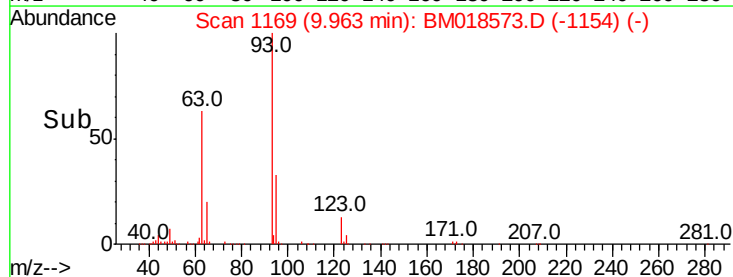
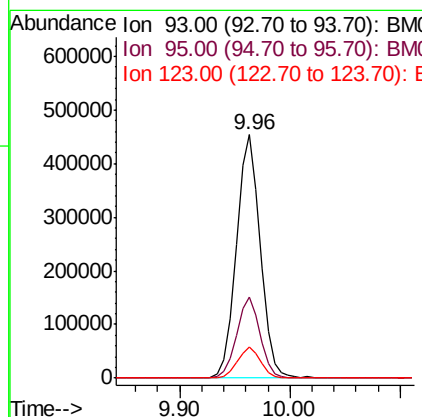
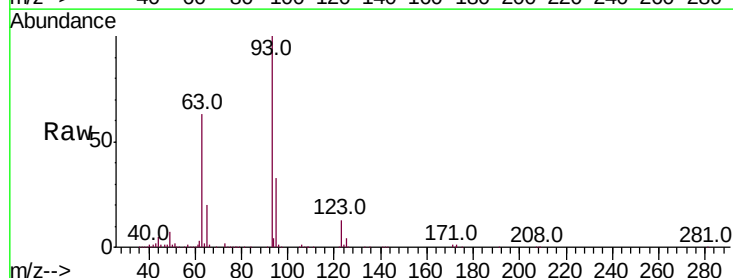
Manual Integrations
APPROVED

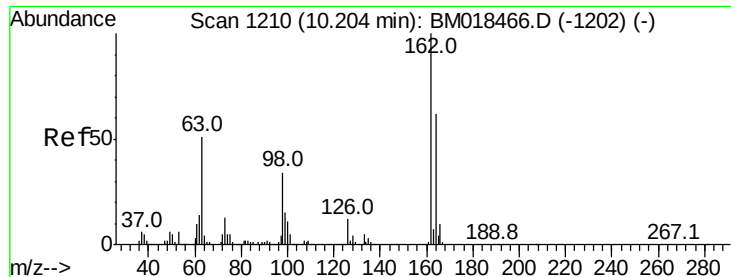
Sohil
1/16/2019 2:07:32 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.150 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	689174		
95	33.1	26.6	39.8	
123	12.6	9.9	14.9	





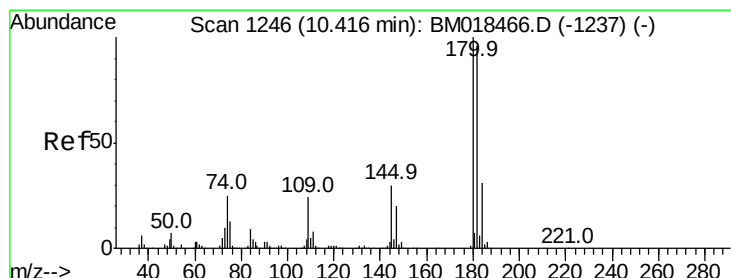
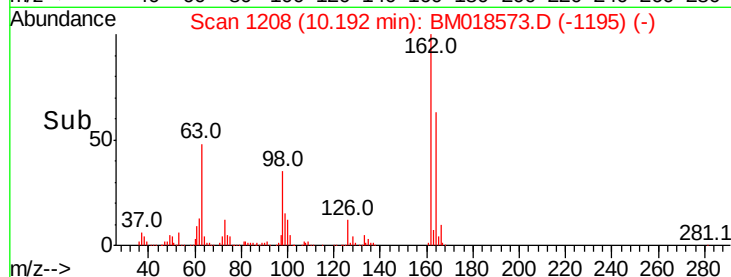
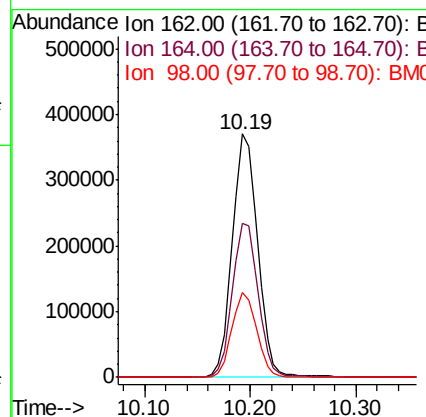
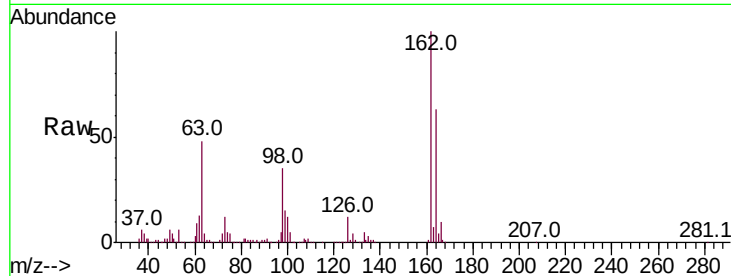
#29
2,4-Dichlorophenol
Concen: 40.928 ng
RT: 10.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.0	45.6	85.6
98	35.0	14.7	54.7

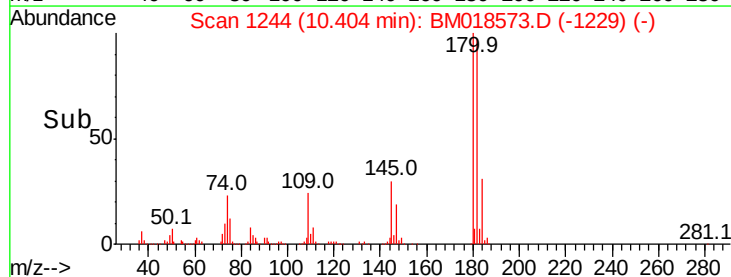
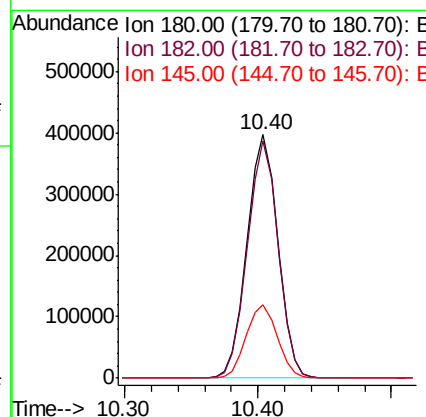
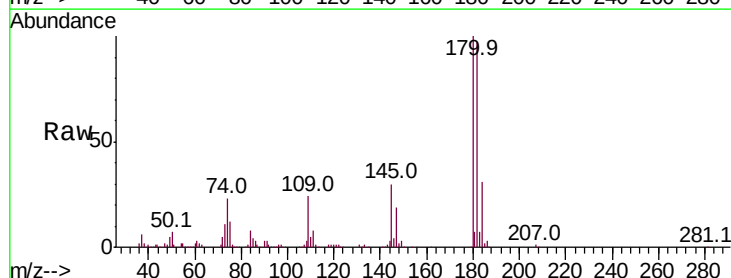
Manual Integrations
APPROVED

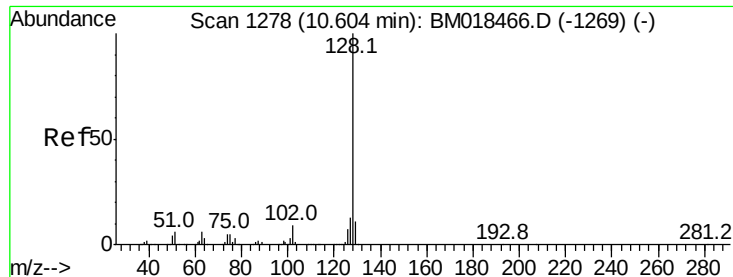
Sohil
1/16/2019 2:07:32 PM



#30
1,2,4-Trichlorobenzene
Concen: 33.836 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.3	77.4	116.2
145	30.3	24.6	37.0





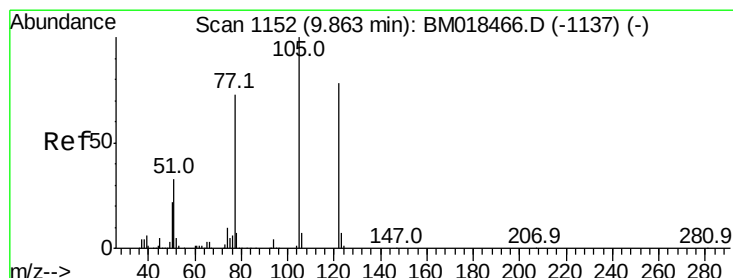
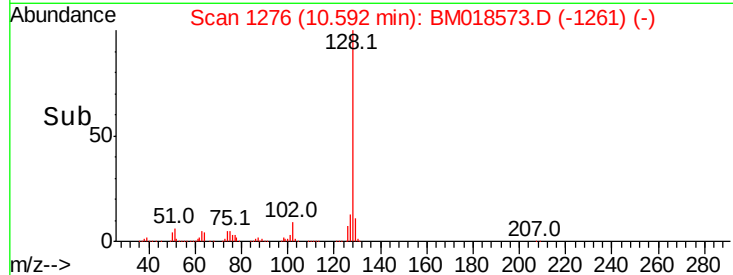
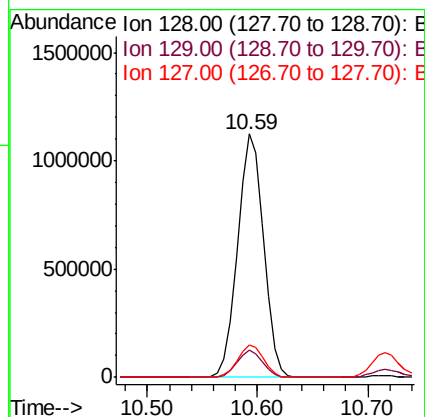
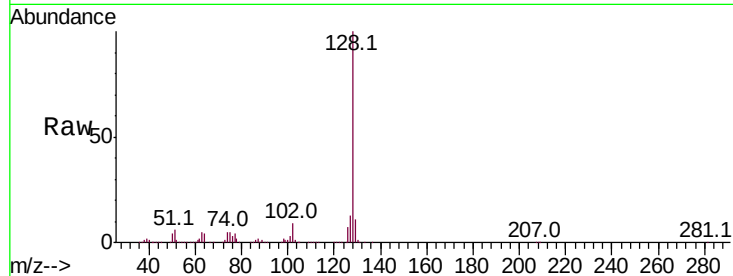
#31
Naphthalene
Concen: 37.530 ng
RT: 10.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.4	10.8	16.2

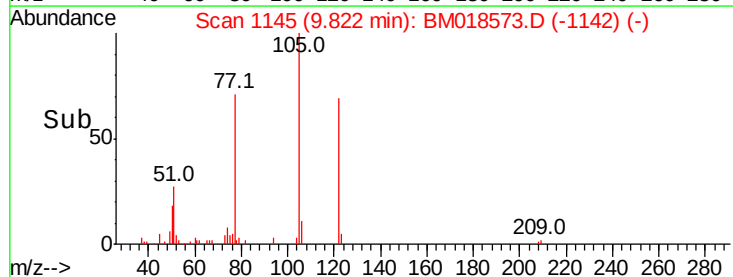
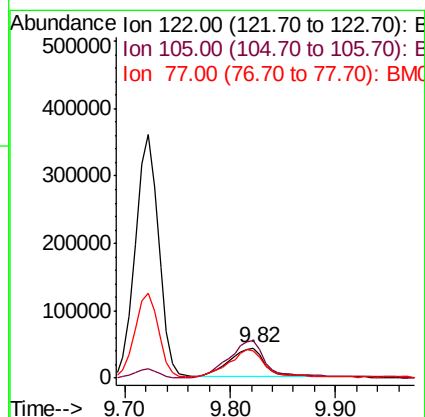
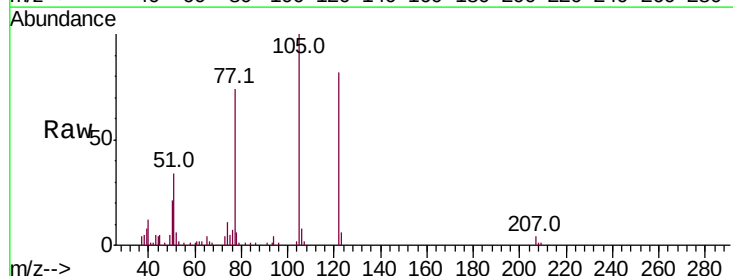
Manual Integrations
APPROVED

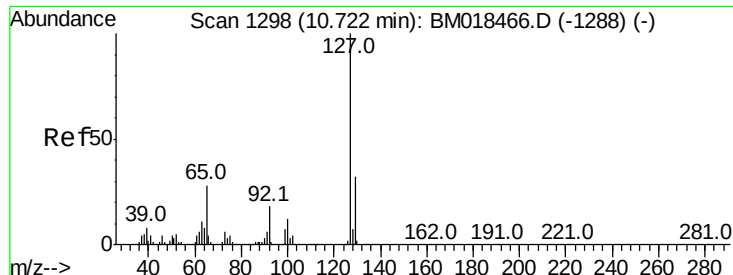
Sohil
1/16/2019 2:07:32 PM



#32
Benzoic acid
Concen: 17.045 ng m
RT: 9.82 min Scan# 1145
Delta R.T. -0.08 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	100.4	140.4
77	90.3	71.7	111.7





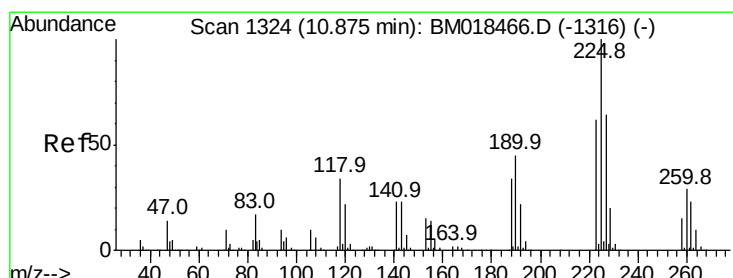
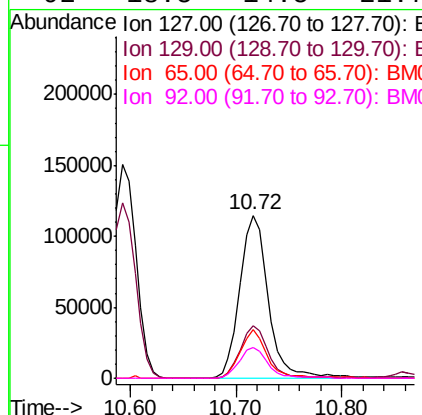
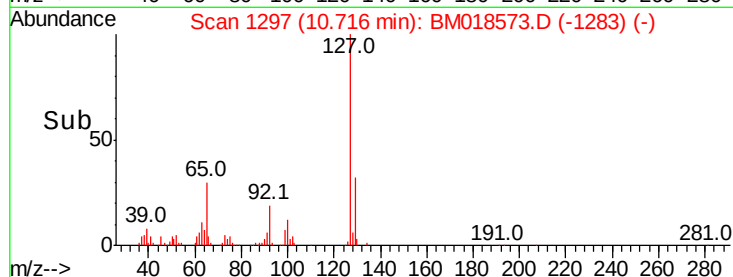
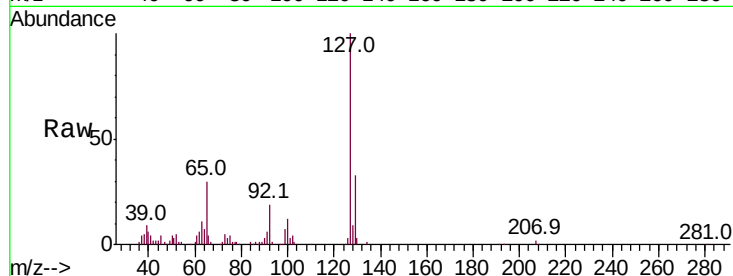
#33
4-Chloroaniline
Concen: 10.995 ng
RT: 10.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	25.9	38.9	
65	29.9	23.4	35.2	
92	18.5	14.5	21.7	

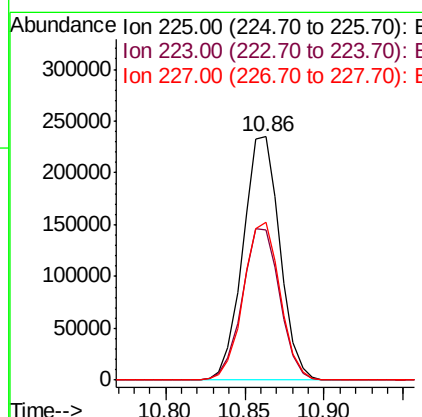
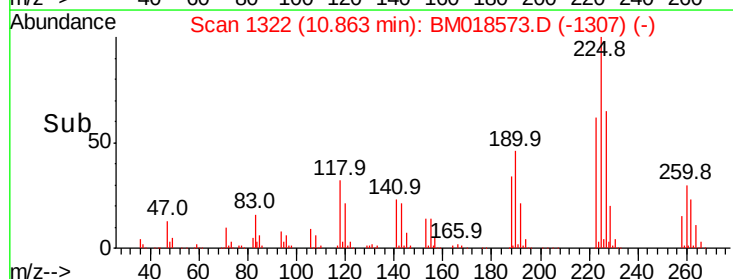
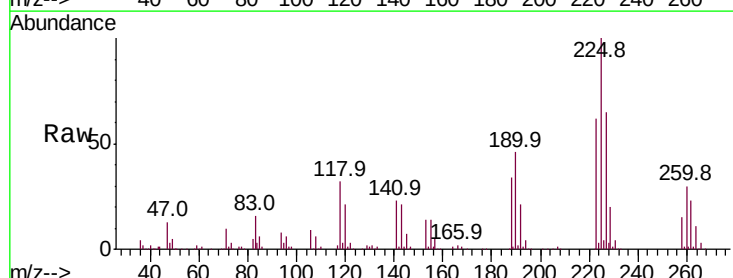
Manual Integrations
APPROVED

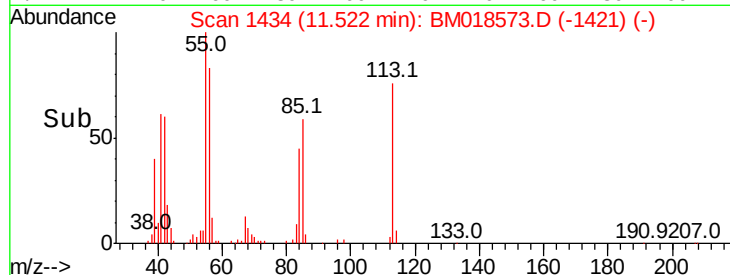
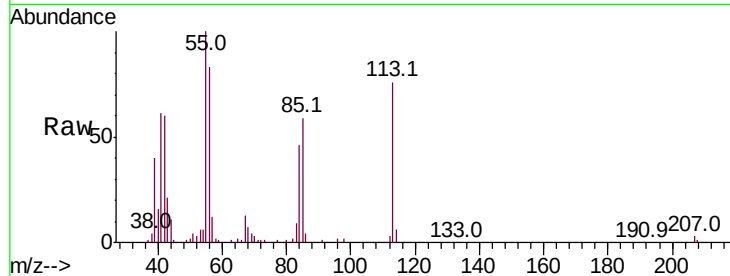
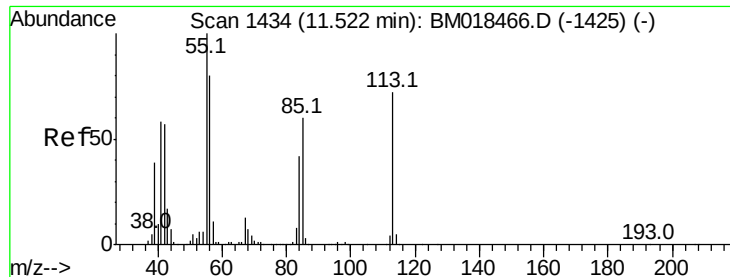
Sohil
1/16/2019 2:07:32 PM



#34
Hexachlorobutadiene
Concen: 32.187 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	50.8	76.2	
227	64.9	50.4	75.6	





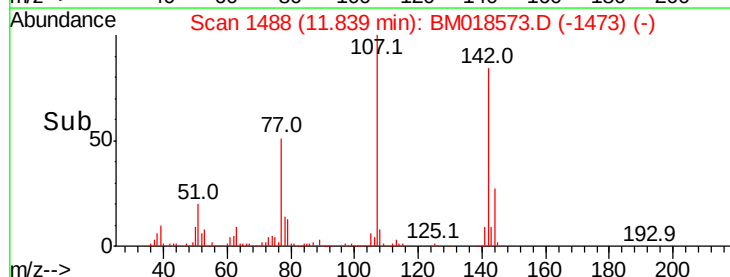
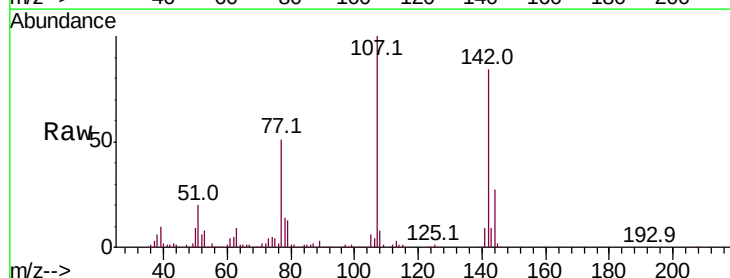
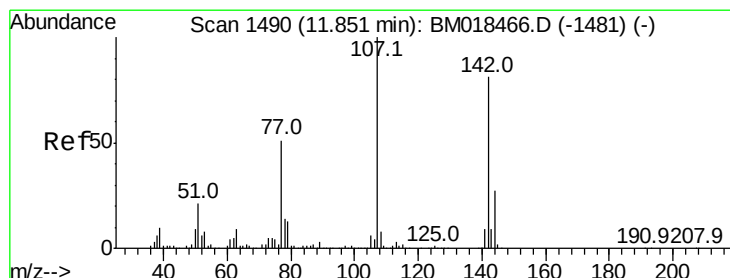
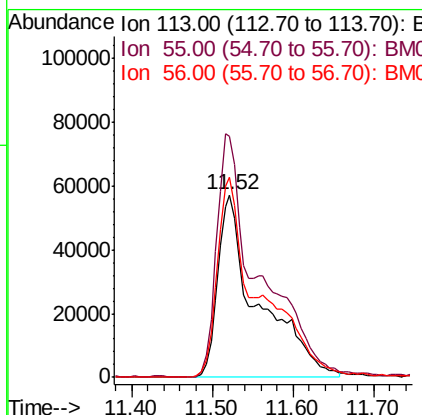
#35
Caprolactam
Concen: 38.890 ng/ml
RT: 11.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	132.4	139.3	179.3#
56	109.7	101.4	141.4

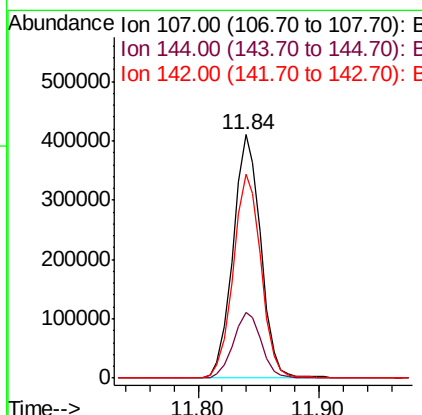
Manual Integrations
APPROVED

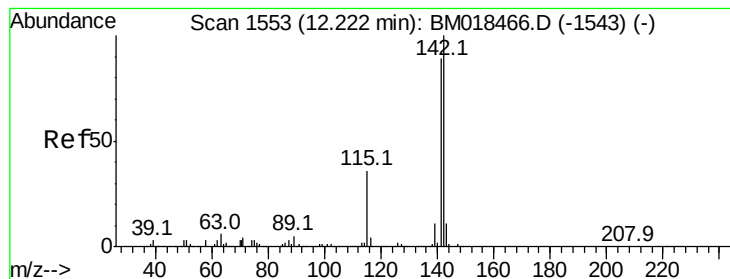
Sohil
1/16/2019 2:07:32 PM



#36
4-Chloro-3-methylphenol
Concen: 41.533 ng/ml
RT: 11.84 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.9	32.9
142	83.6	67.9	101.9





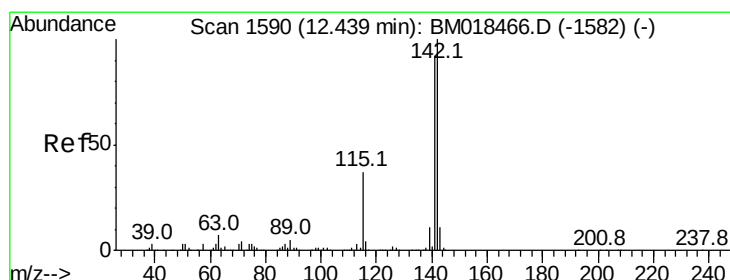
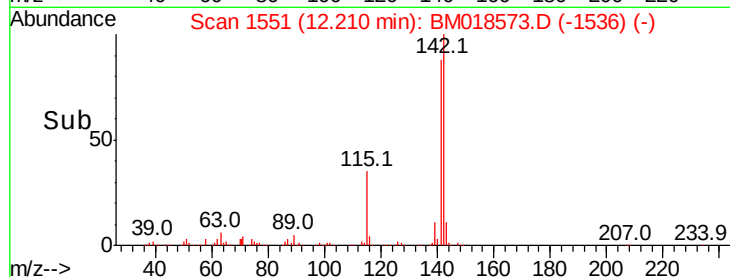
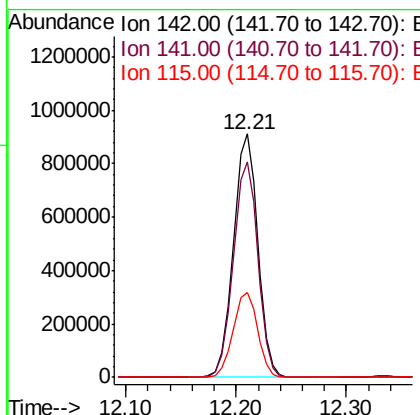
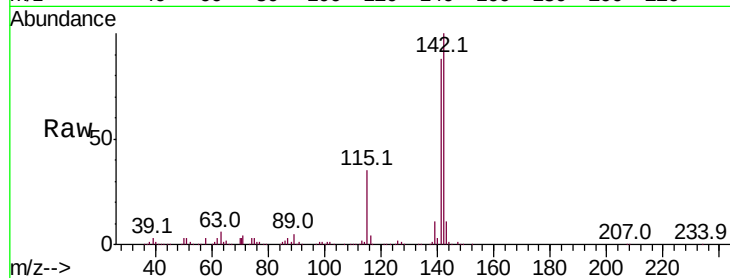
#37
2-Methylnaphthalene
Concen: 40.429 ng
RT: 12.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2
115	34.9	28.0	42.0

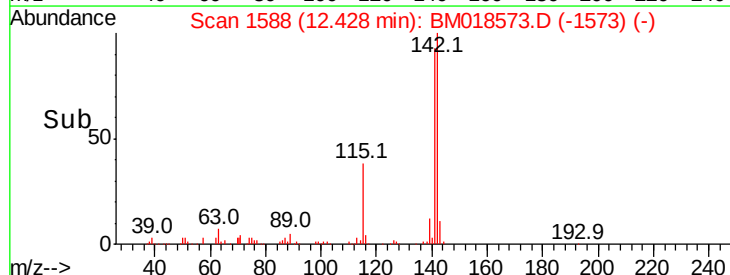
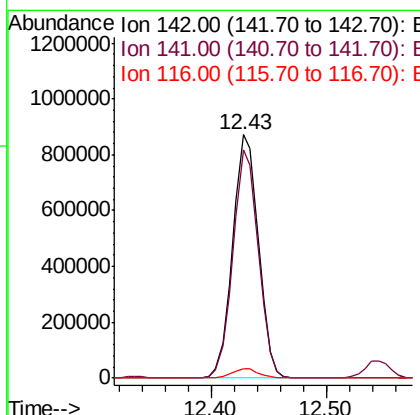
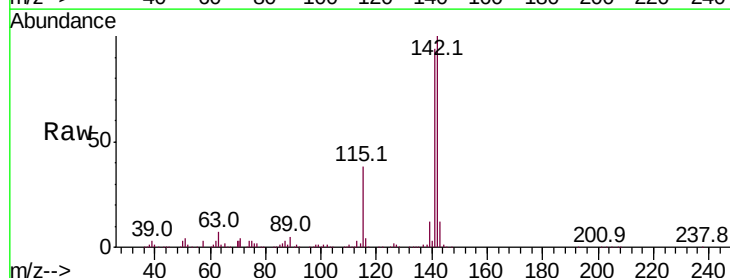
Manual Integrations
APPROVED

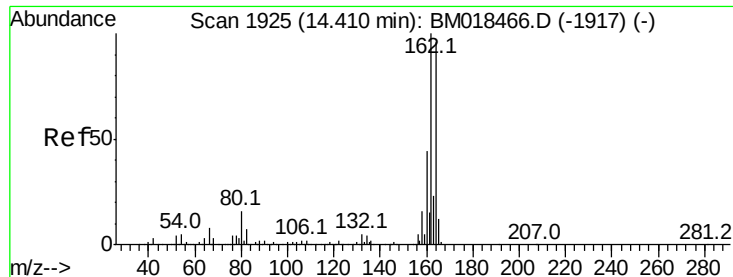
Sohil
1/16/2019 2:07:32 PM



#38
1-Methylnaphthalene
Concen: 39.651 ng
RT: 12.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.6	113.4
116	4.1	3.0	4.6





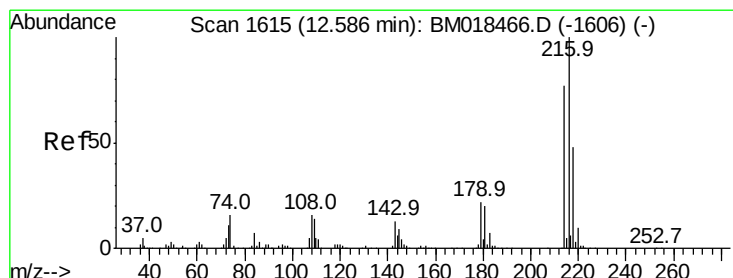
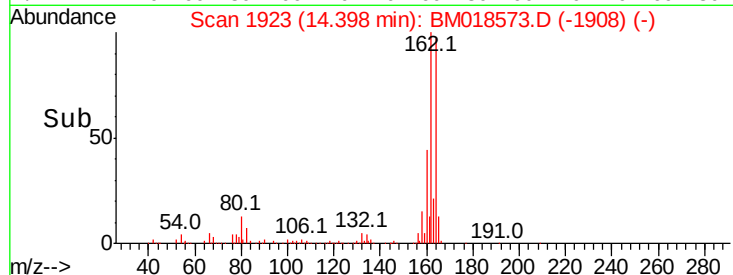
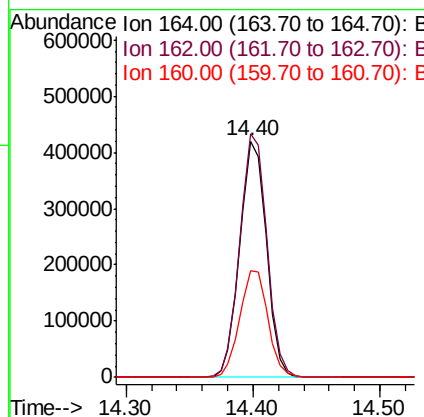
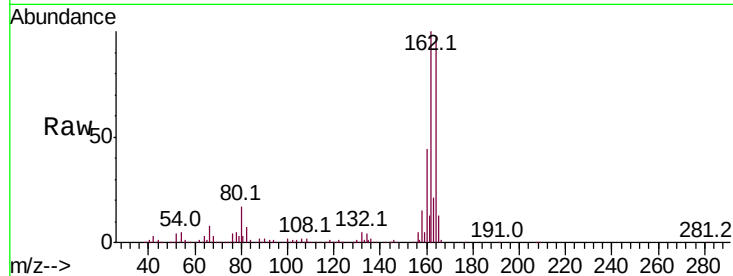
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	611663		
162	103.2	83.0	124.4	
160	45.4	37.1	55.7	

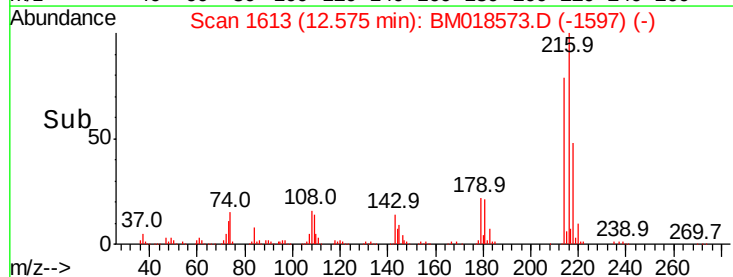
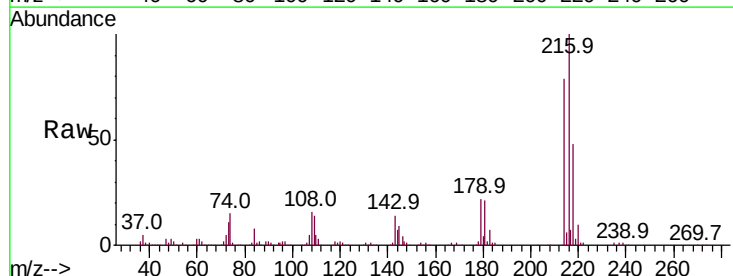
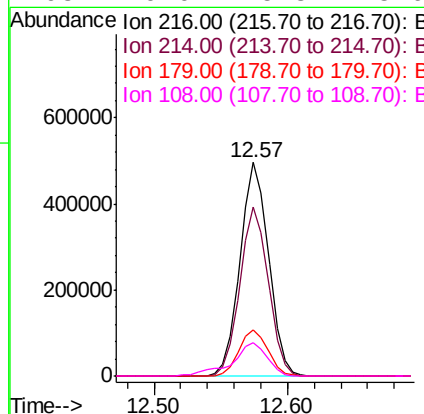
Manual Integrations
APPROVED

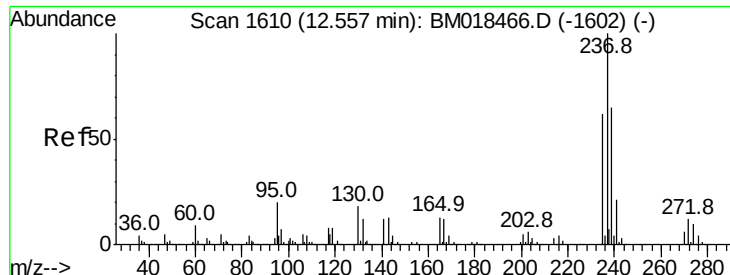
Sohil
1/16/2019 2:07:32 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.278 ng
RT: 12.57 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	733184		
214	78.8	63.4	95.0	
179	21.8	17.9	26.9	
108	19.0	15.8	23.6	





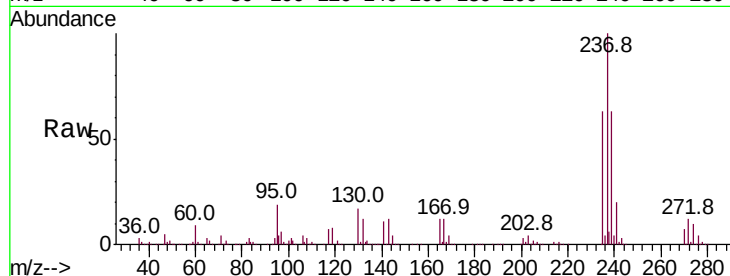
#41
Hexachlorocyclopentadiene
Concen: 68.393 ng
RT: 12.55 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

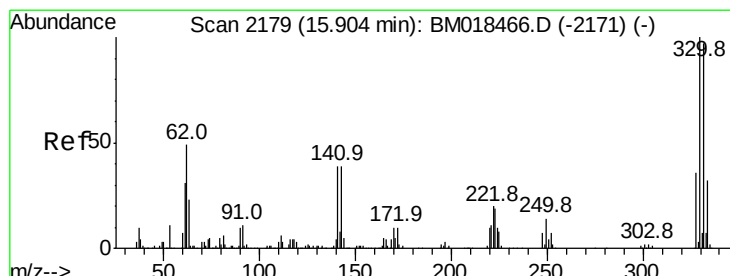
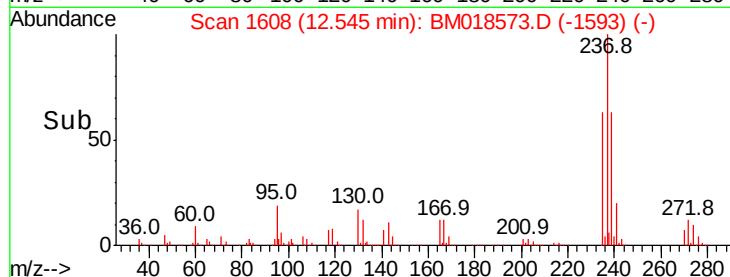
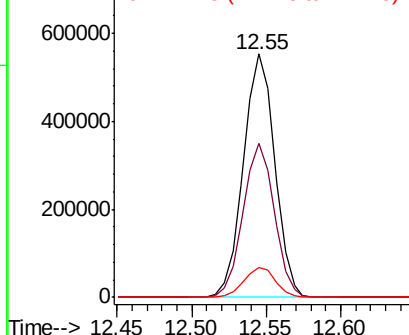
Tot Ion	Ratio	Resp	Lower	Upper
237	100	802886		
235	63.0	42.8	82.8	
272	12.4	0.0	31.9	

Manual Integrations
APPROVED

Sohil
1/16/2019 2:07:32 PM

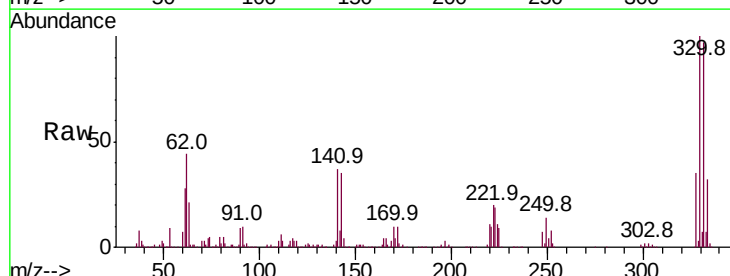


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

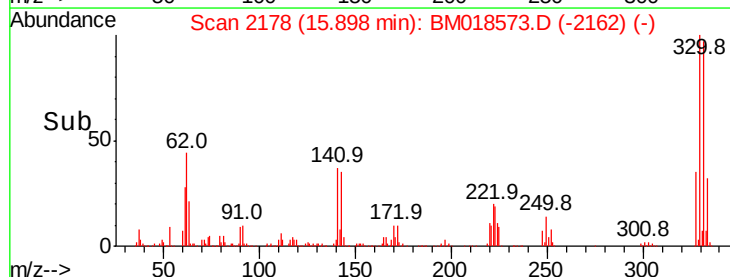
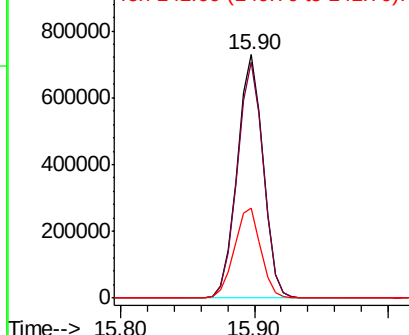


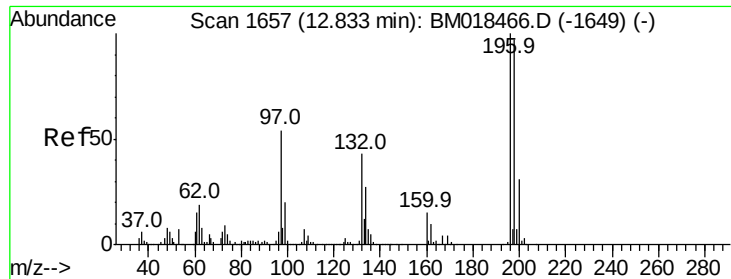
#42
2,4,6-Tribromophenol
Concen: 126.363 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	984136		
332	97.2	77.6	116.4	
141	38.0	31.7	47.5	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





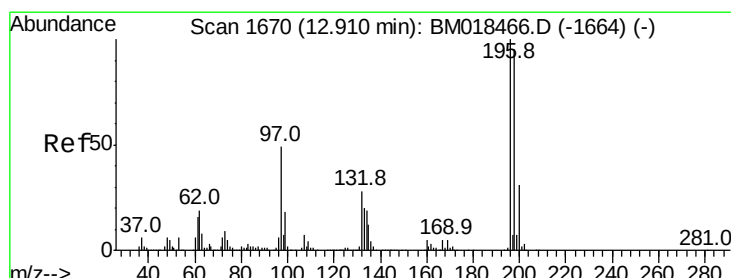
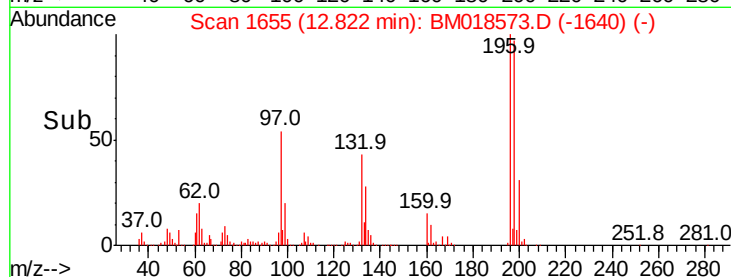
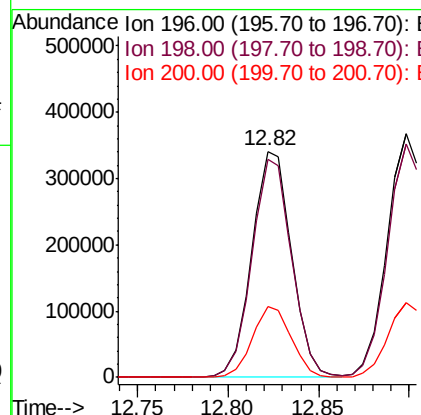
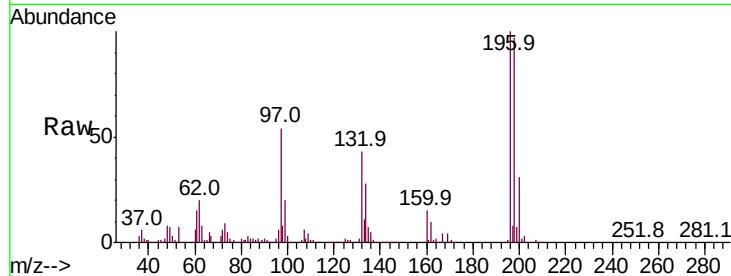
#43
 2,4,6-Trichlorophenol
 Concen: 39.908 ng
 RT: 12.82 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Instrument :
 BNA_M
 ClientSampleID :
 QD-01-011019MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	518369		
198	96.7	76.6	115.0	
200	31.2	24.2	36.4	

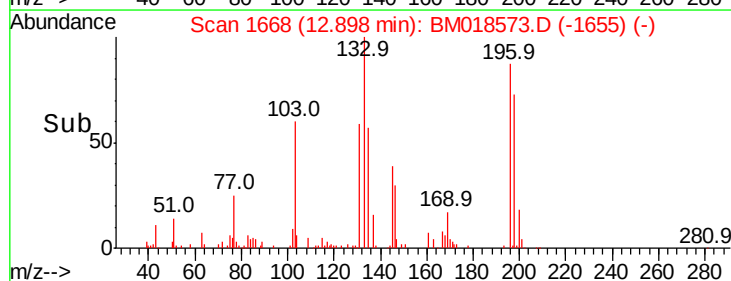
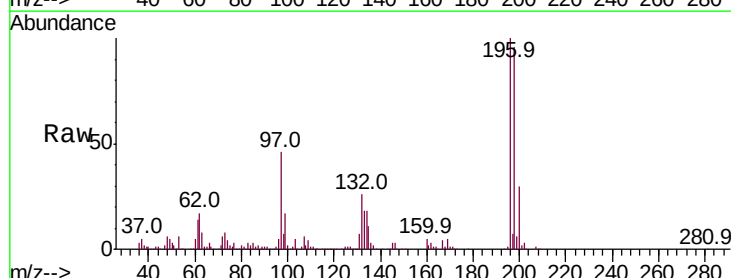
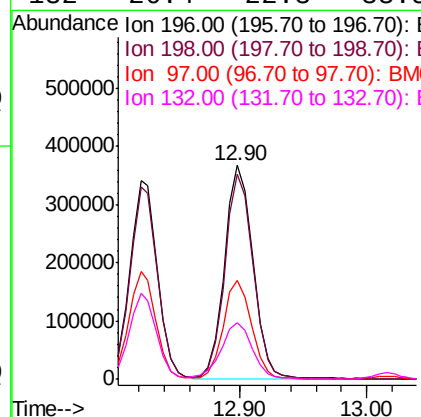
Manual Integrations
 APPROVED

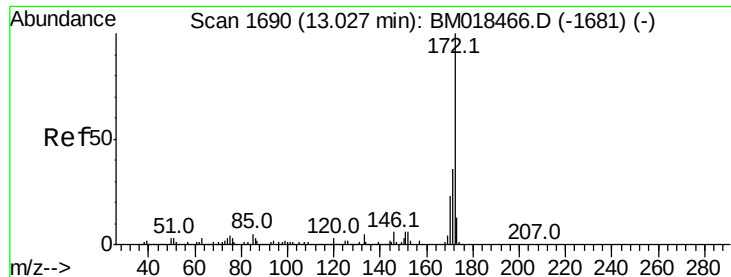
Sohil
 1/16/2019 2:07:32 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.645 ng
 RT: 12.90 min Scan# 1668
 Delta R.T. -0.02 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	568897		
198	95.7	76.7	115.1	
97	45.9	39.2	58.8	
132	26.4	22.3	33.5	





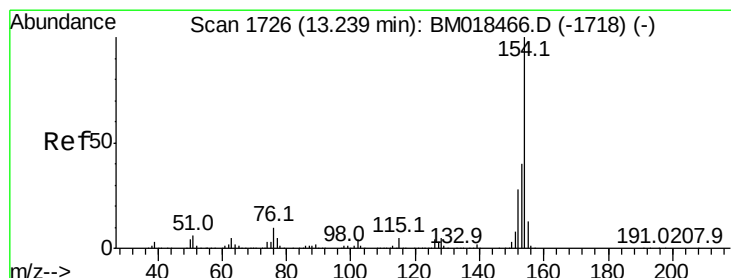
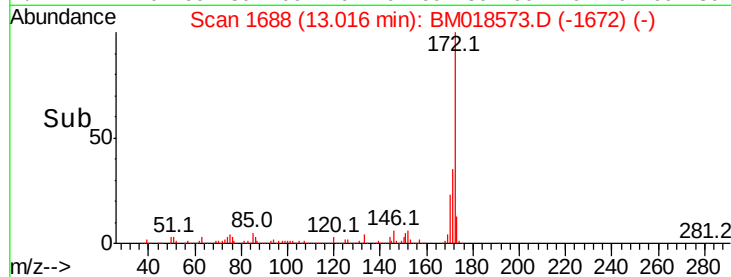
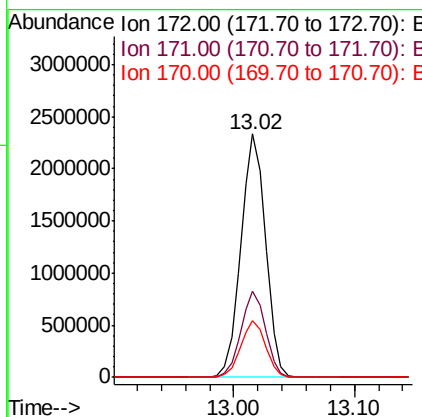
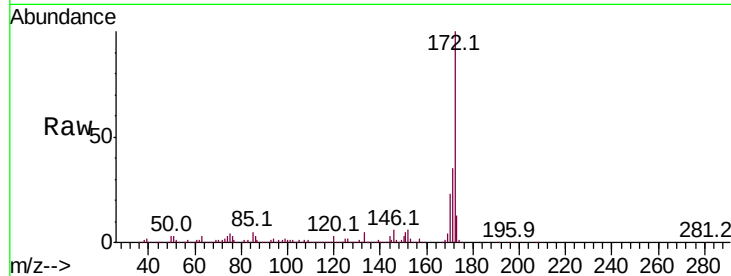
#45
2-Fluorobiphenyl
Concen: 71.186 ng
RT: 13.02 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.2	18.9	28.3

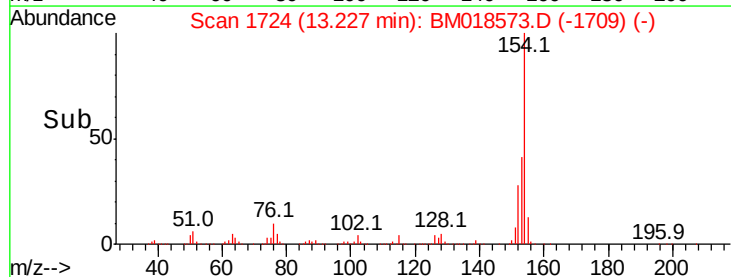
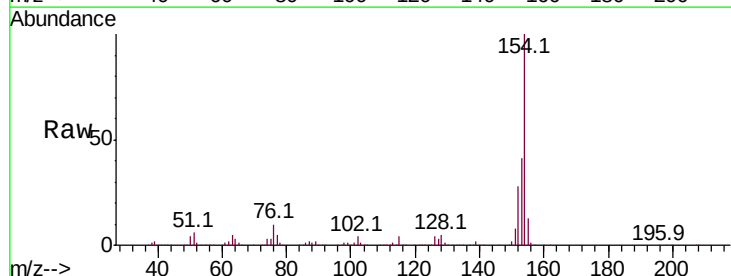
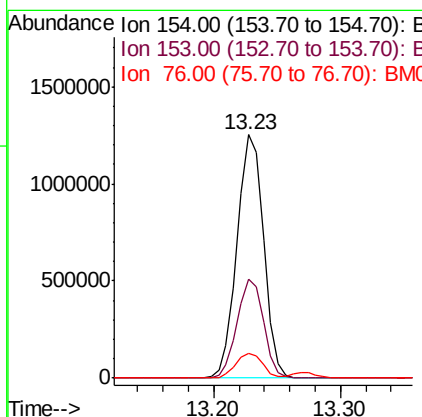
Manual Integrations
APPROVED

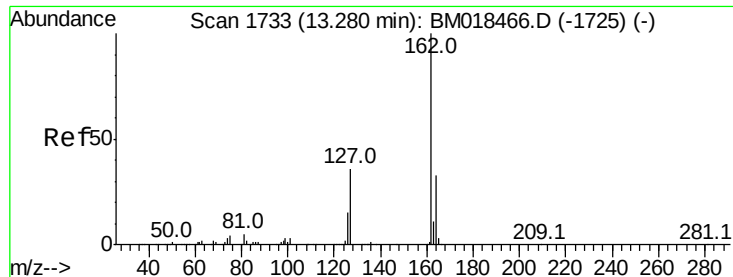
Sohil
1/16/2019 2:07:32 PM



#46
1,1'-Biphenyl
Concen: 33.954 ng
RT: 13.23 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	10.4	0.0	31.9





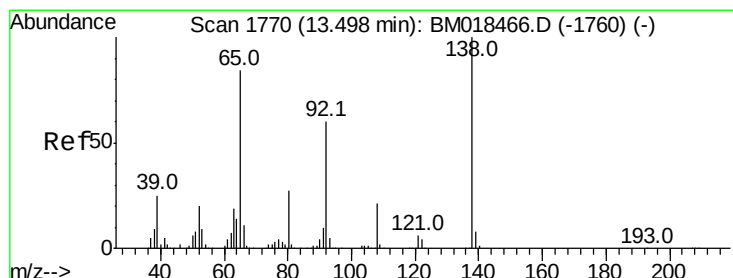
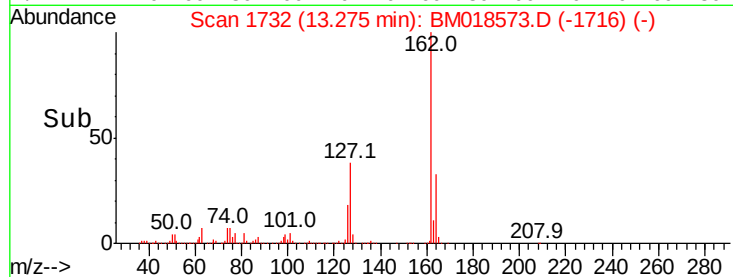
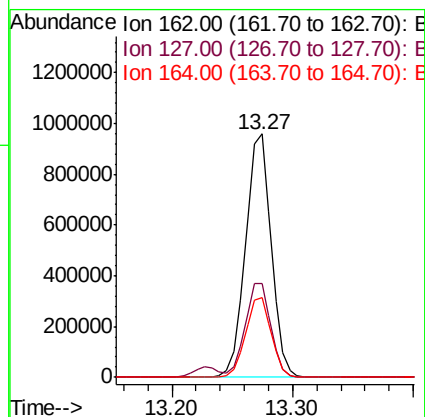
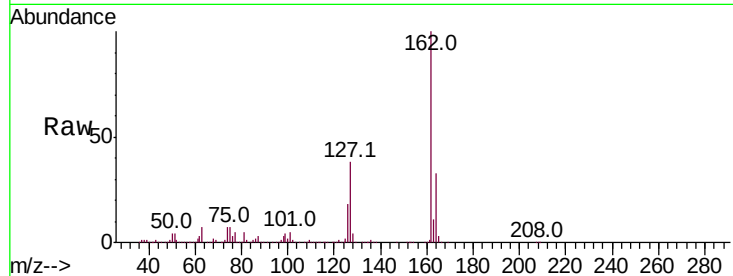
#47
2-Chloronaphthalene
Concen: 34.328 ng
RT: 13.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	31.4	47.0
164	32.9	26.2	39.4

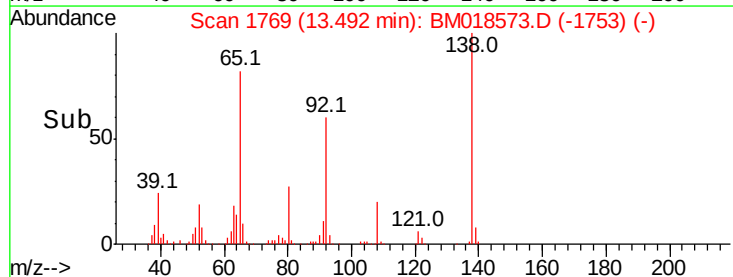
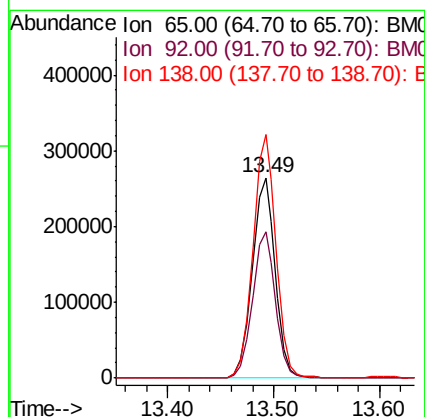
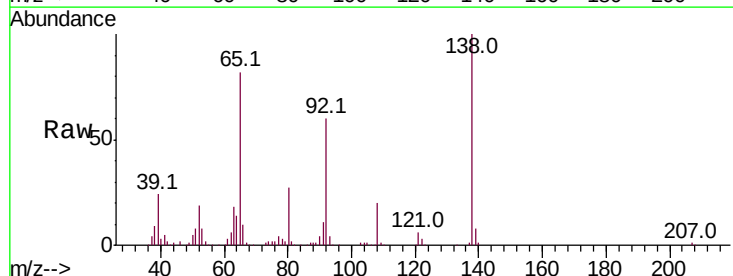
Manual Integrations
APPROVED

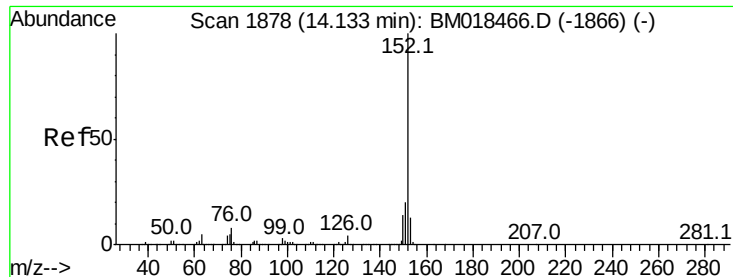
Sohil
1/16/2019 2:07:32 PM



#48
2-Nitroaniline
Concen: 39.436 ng
RT: 13.49 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.0	53.4	80.2
138	121.6	88.9	133.3





#49

Acenaphthylene

Concen: 39.244 ng

RT: 14.12 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

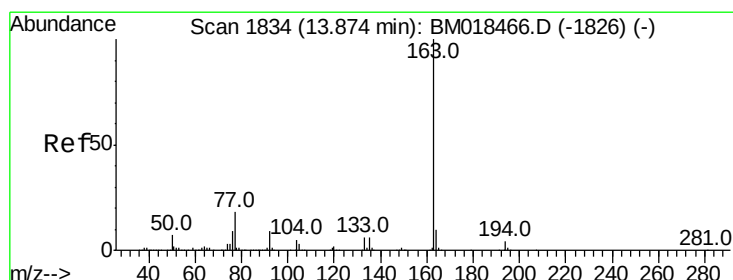
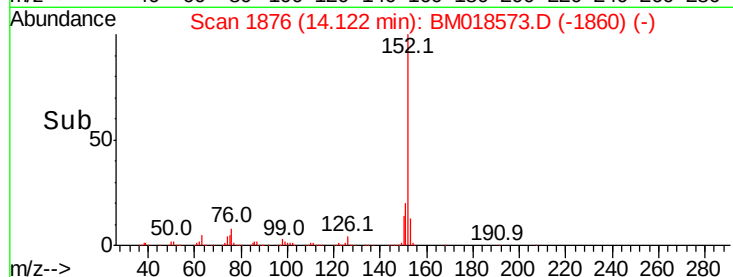
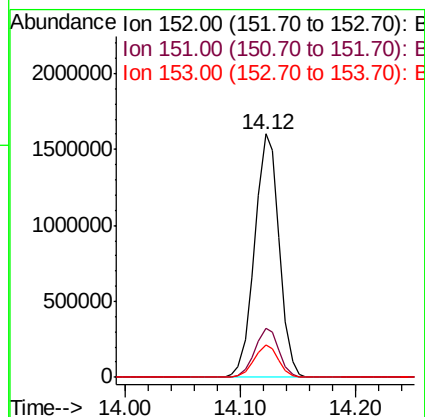
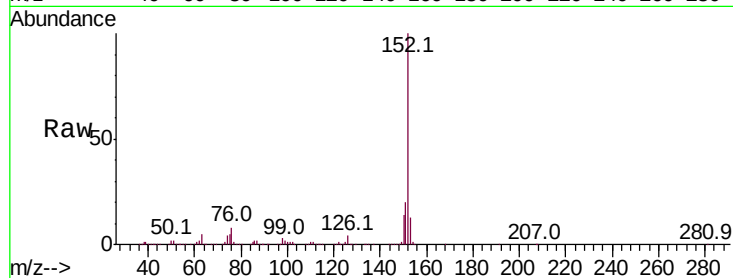
ClientSampleId :

QD-01-011019MS

Tot Ion:	152	Resp:	2368575
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.7	23.5
153	13.2	10.5	15.7

Manual Integrations
APPROVED

Sohil
1/16/2019 2:07:32 PM



#50

Dimethylphthalate

Concen: 56.966 ng

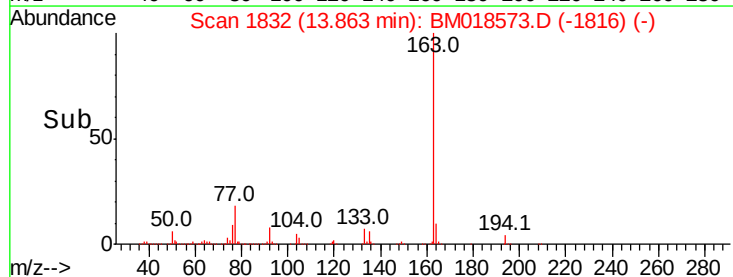
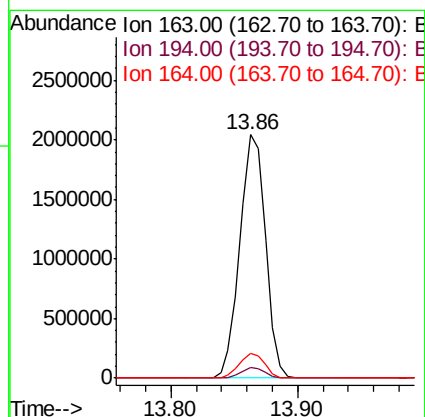
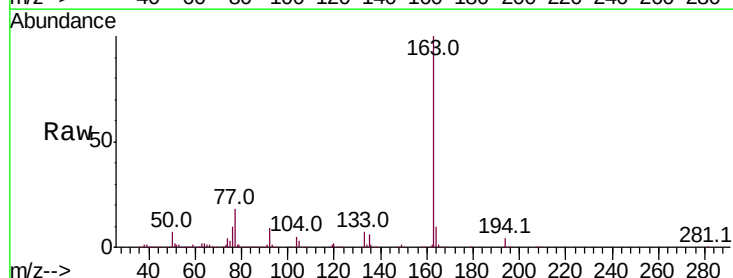
RT: 13.86 min Scan# 1832

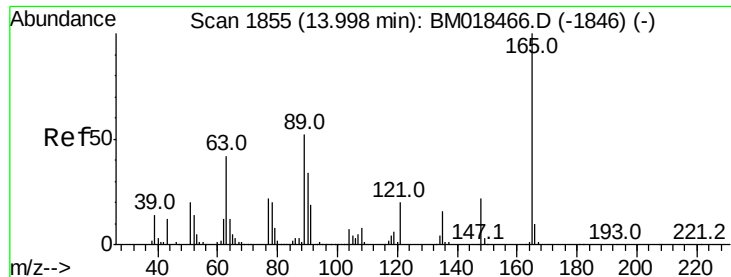
Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Tgt Ion:	163	Resp:	2861644
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.1	7.8	11.8





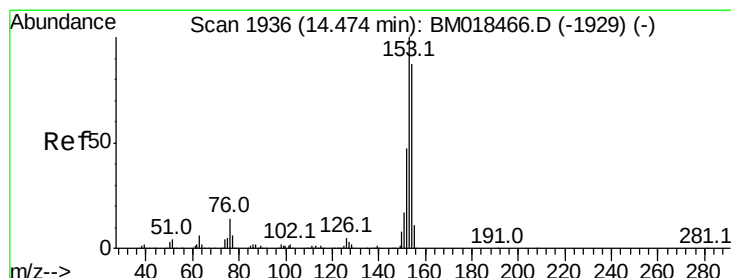
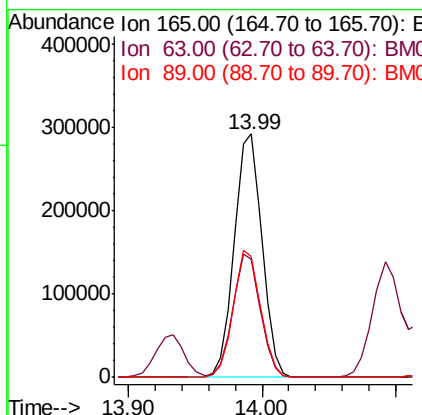
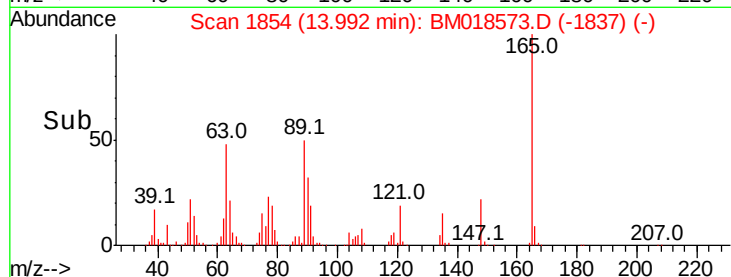
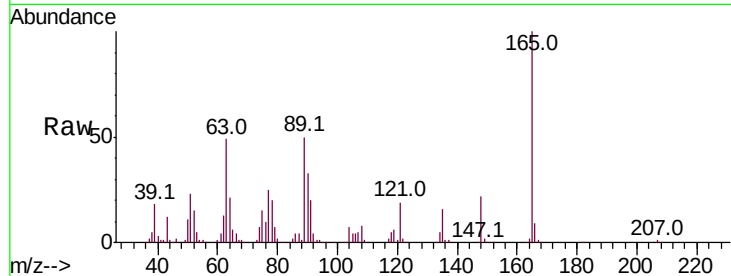
#51
 2,6-Dinitrotoluene
 Concen: 39.671 ng
 RT: 13.99 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.8	45.6	68.4
89	49.7	44.6	66.8

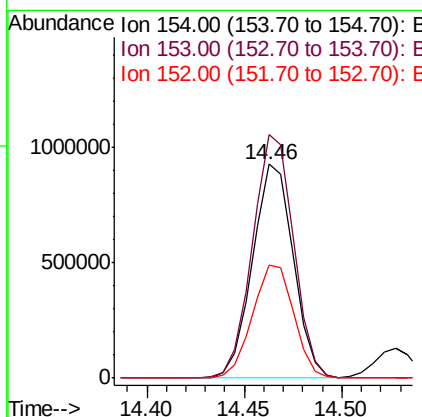
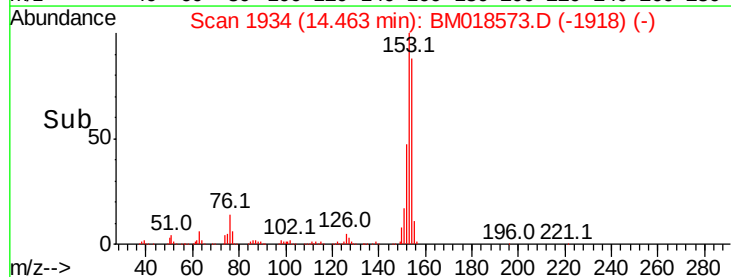
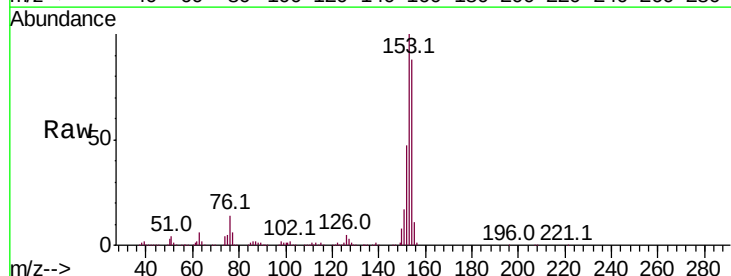
Manual Integrations
 APPROVED

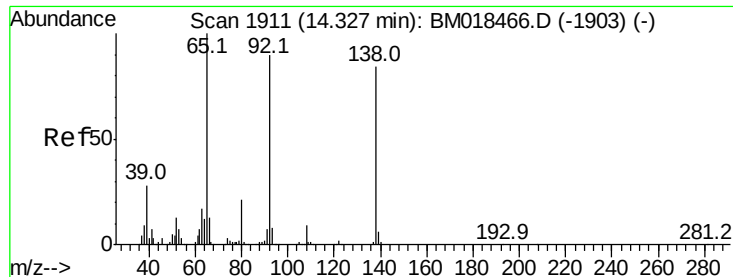
Sohil
 1/16/2019 2:07:32 PM



#52
 Acenaphthene
 Concen: 36.281 ng
 RT: 14.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	92.3	138.5
152	53.1	43.8	65.6





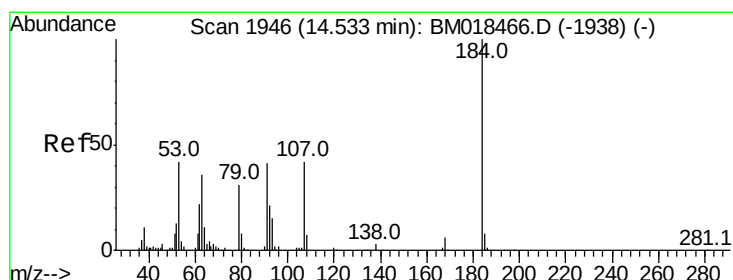
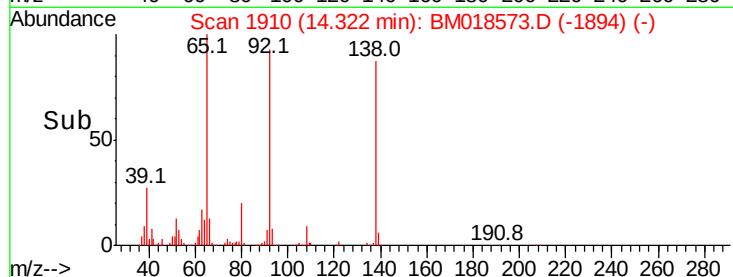
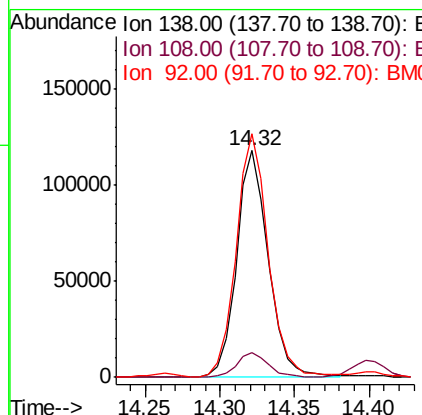
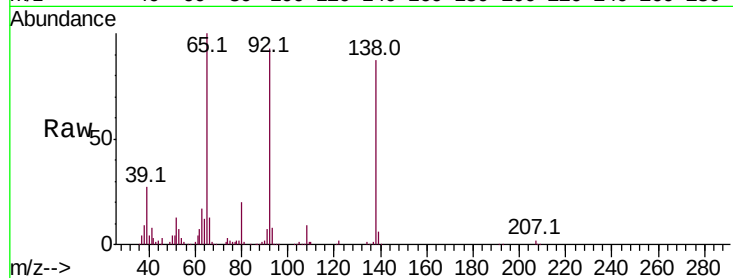
#53
3-Nitroaniline
Concen: 16.243 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	107.5	88.2	132.2

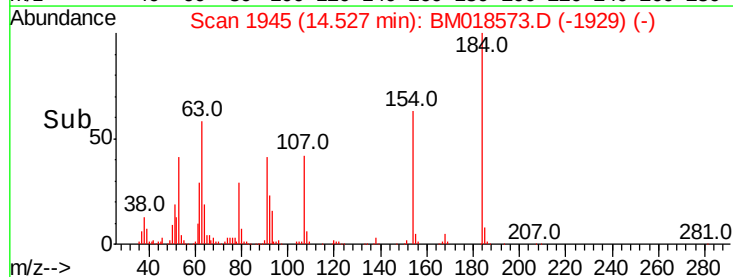
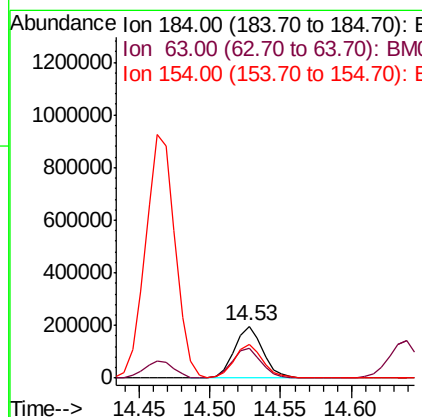
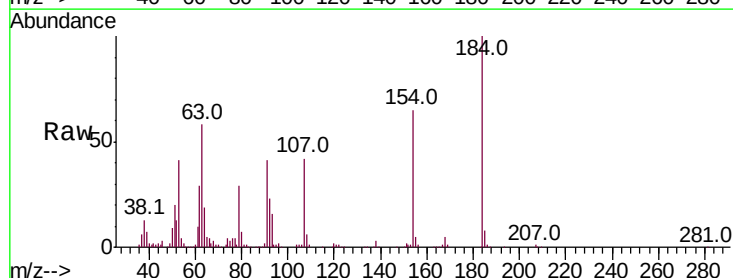
Manual Integrations
APPROVED

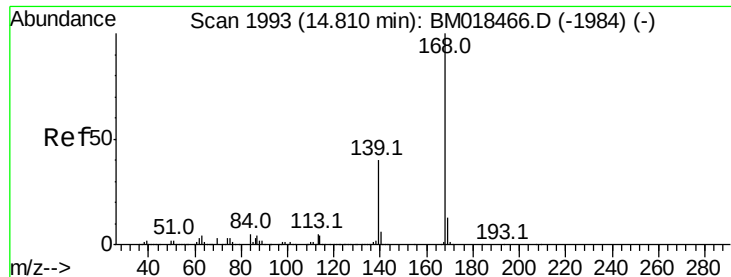
Sohil
1/16/2019 2:07:32 PM



#54
2,4-Dinitrophenol
Concen: 51.003 ng
RT: 14.53 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.1	55.9	83.9
154	64.7	54.2	81.4





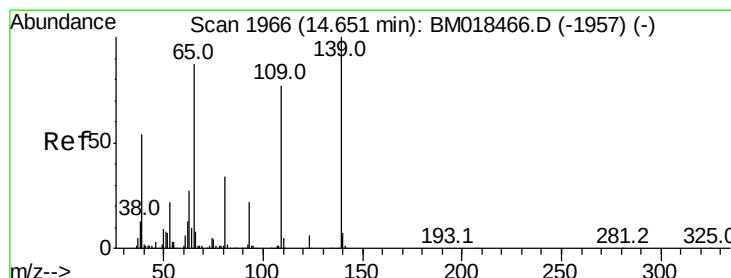
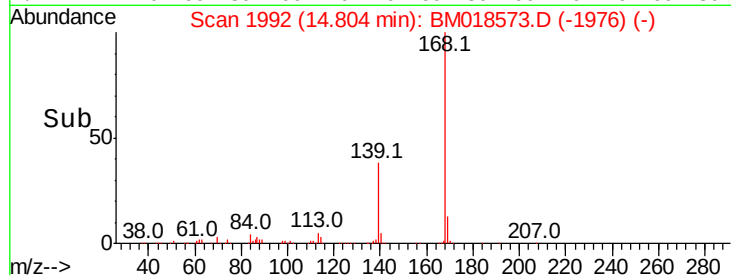
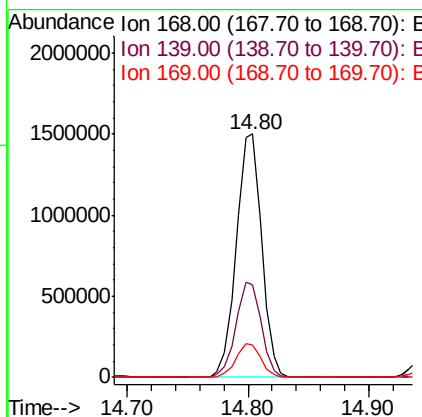
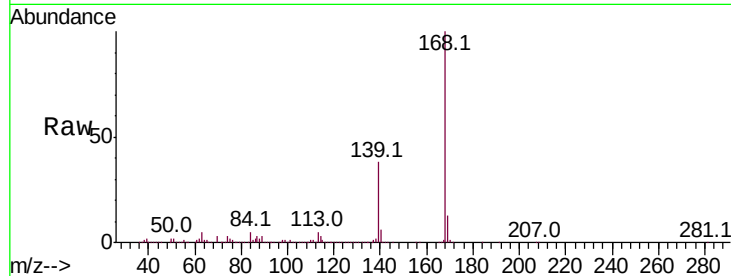
#55
Dibenzofuran
Concen: 36.050 ng
RT: 14.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.3	45.5
169	13.1	10.6	16.0

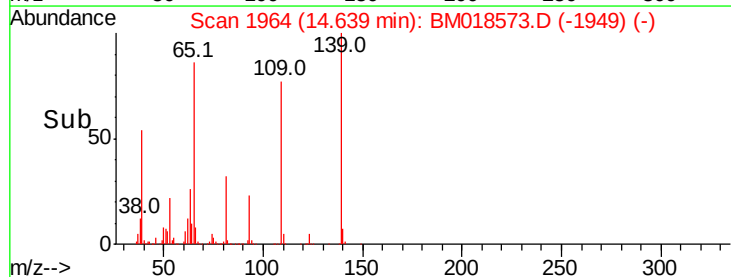
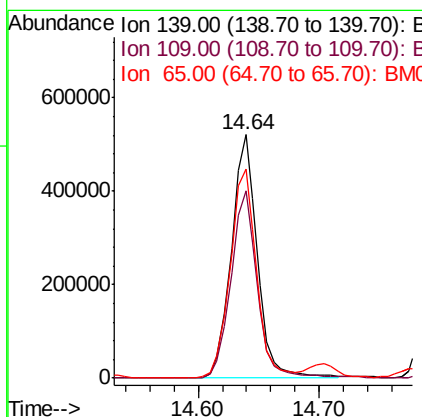
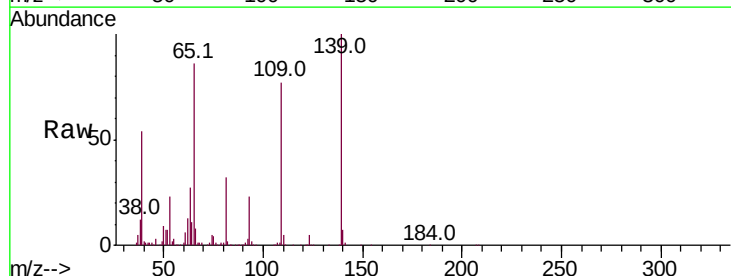
Manual Integrations
APPROVED

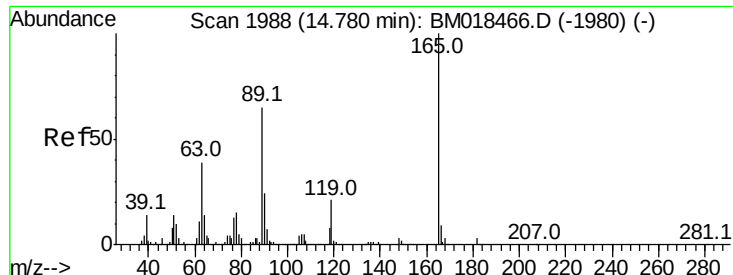
Sohil
1/16/2019 2:07:32 PM



#56
4-Nitrophenol
Concen: 84.524 ng
RT: 14.64 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.8	51.7	91.7
65	86.1	71.4	111.4





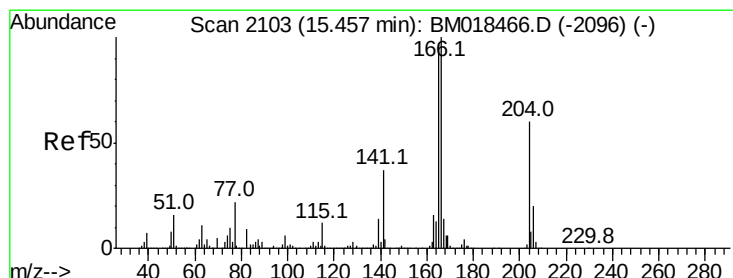
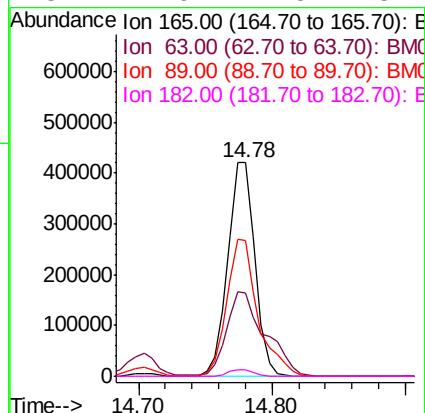
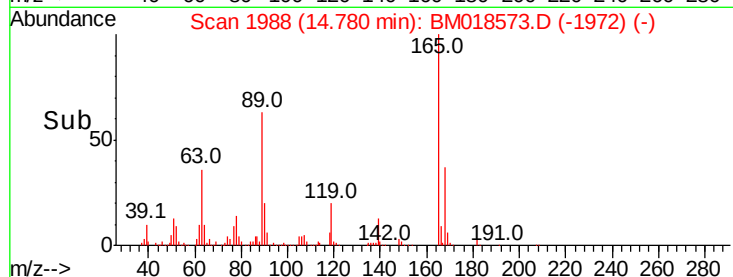
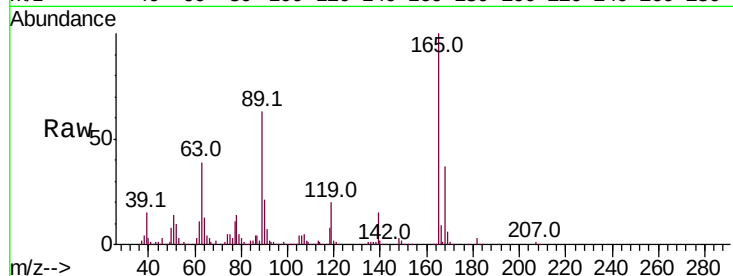
#57
2,4-Dinitrotoluene
Concen: 40.099 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	603715		
63	38.8	32.2	48.2	
89	63.5	52.1	78.1	
182	2.9	2.5	3.7	

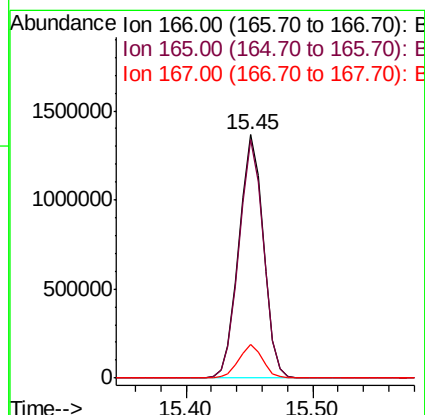
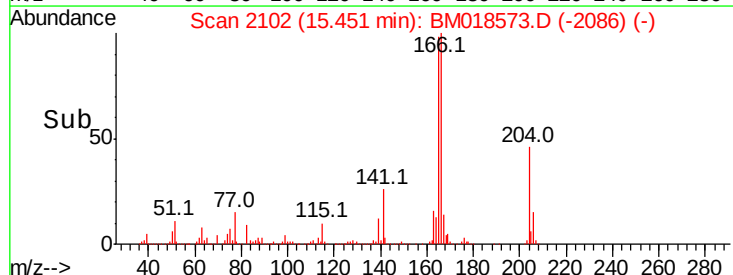
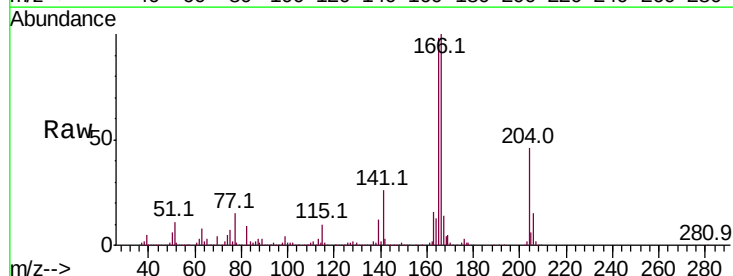
Manual Integrations
APPROVED

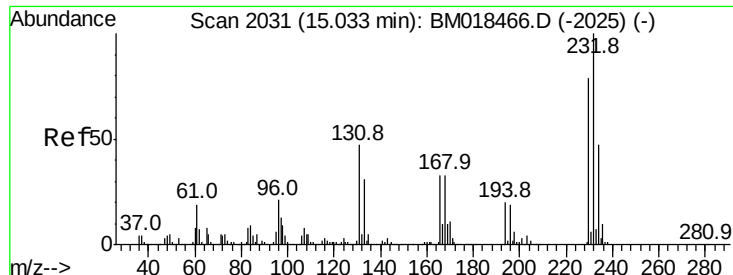
Sohil
1/16/2019 2:07:32 PM



#58
Fluorene
Concen: 40.101 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1822734		
165	98.0	78.3	117.5	
167	13.9	10.9	16.3	





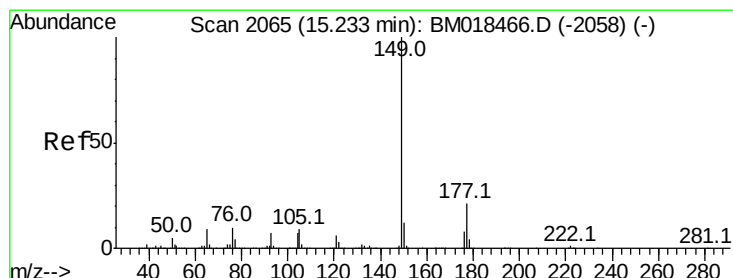
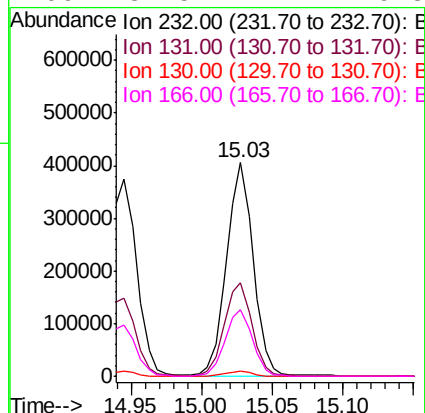
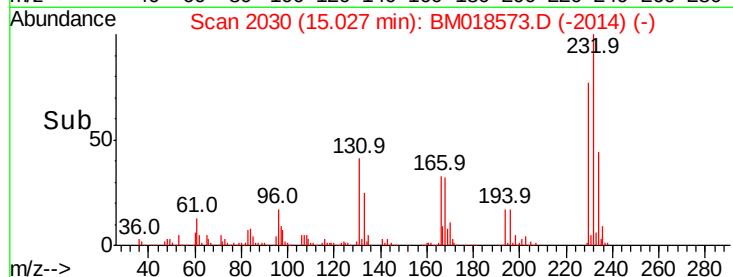
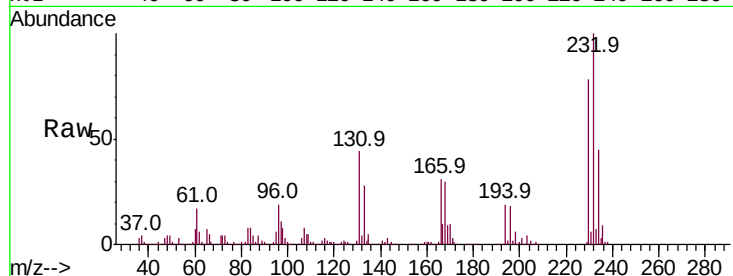
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.778 ng
 RT: 15.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	530092		
131	44.9	38.6	57.8	
130	2.4	2.2	3.4	
166	32.5	27.2	40.8	

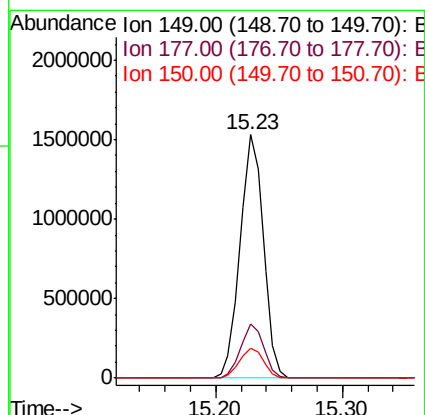
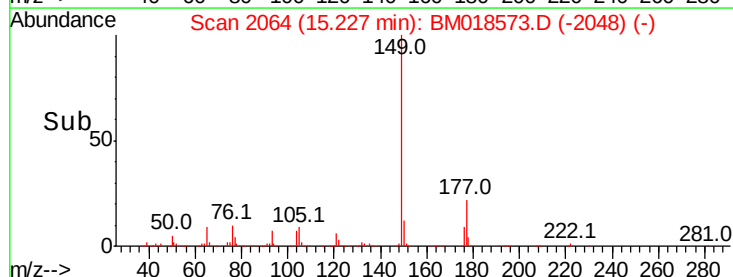
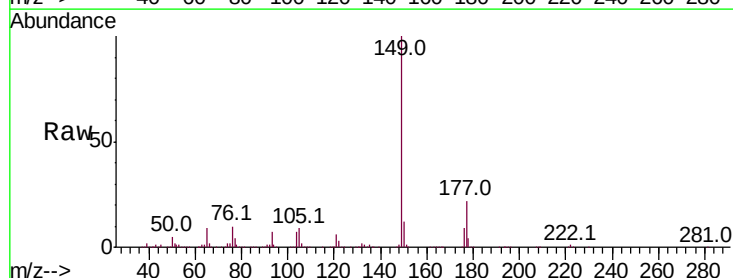
Manual Integrations
 APPROVED

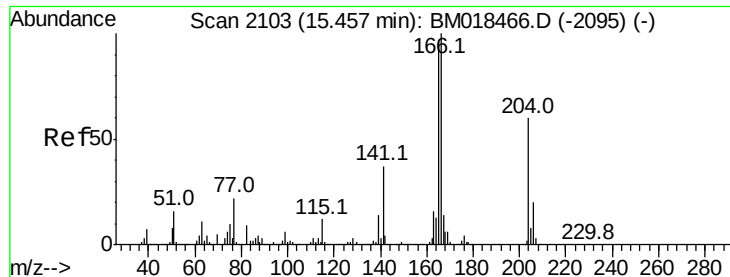
Sohil
 1/16/2019 2:07:32 PM



#60
 Diethylphthalate
 Concen: 38.225 ng
 RT: 15.23 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1938498		
177	22.1	17.1	25.7	
150	12.2	9.8	14.6	





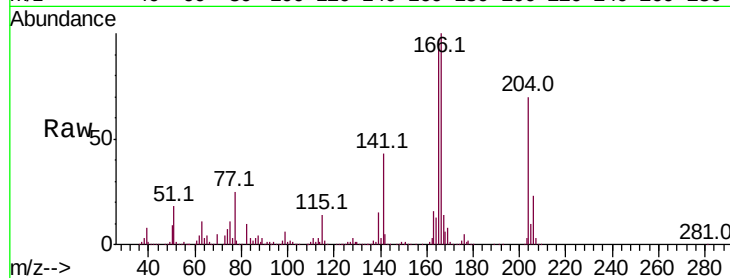
#61
4-Chlorophenyl-phenylether
Concen: 35.049 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.6
141	61.4	49.5	74.3

Manual Integrations
APPROVED

Sohil
1/16/2019 2:07:32 PM

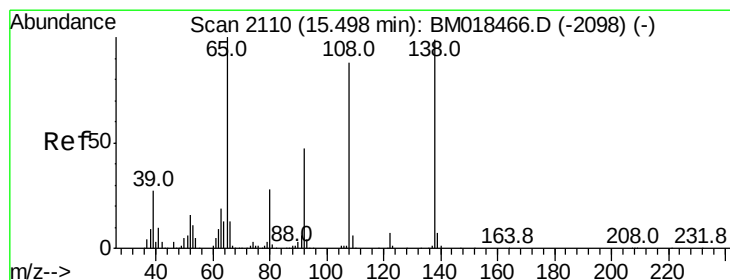
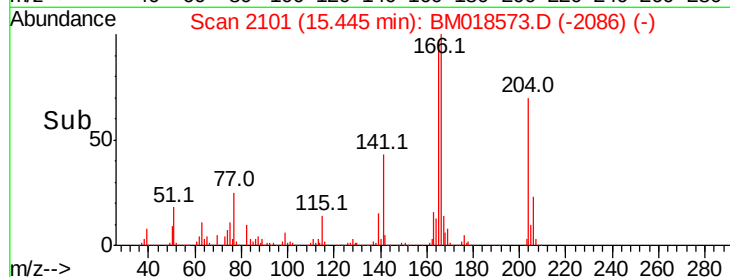
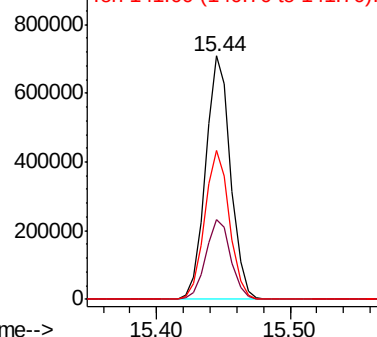


Abundance

Ion 204.00 (203.70 to 204.70): E

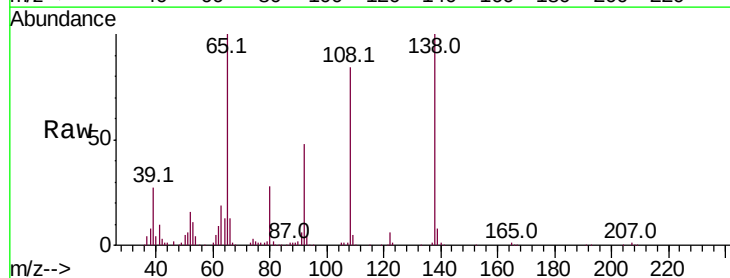
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.604 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	29.0	69.0
108	83.5	63.9	103.9

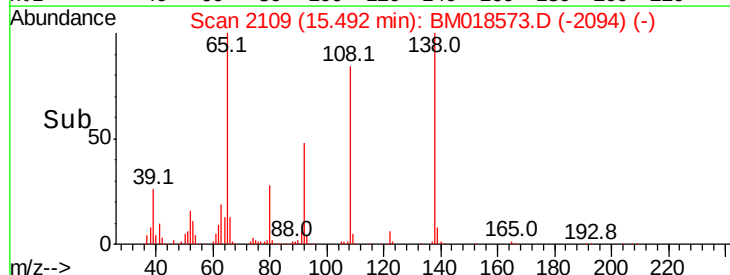
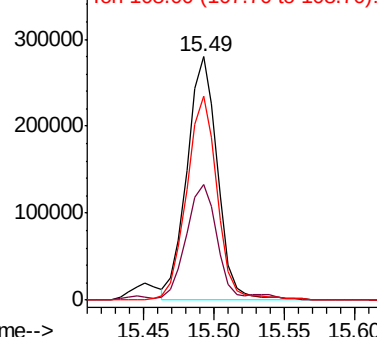


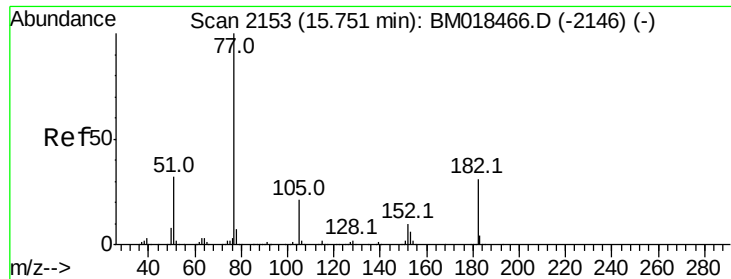
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





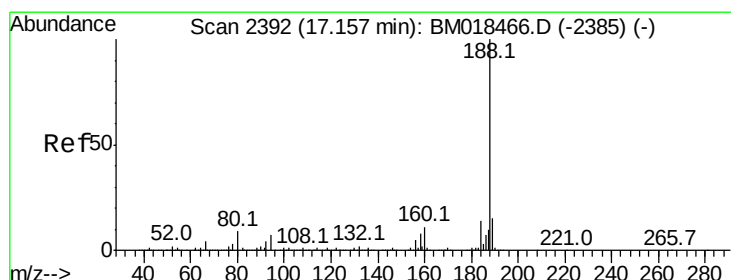
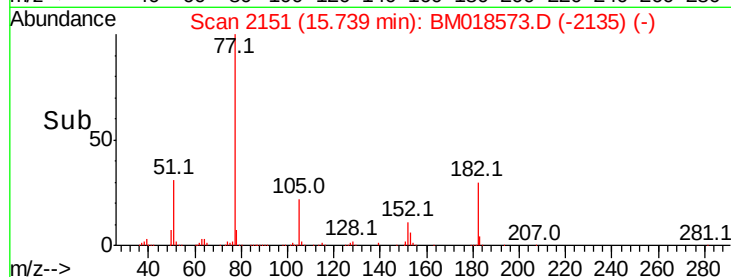
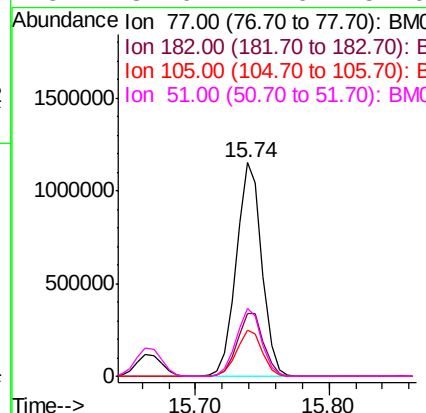
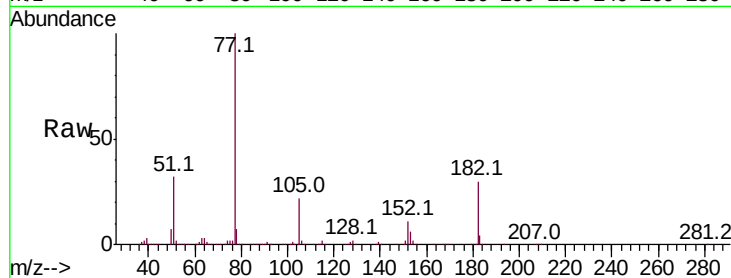
#63
Azobenzene
Concen: 36.952 ng
RT: 15.74 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.5	7.4	47.4
105	21.5	0.0	39.6
51	31.6	12.0	52.0

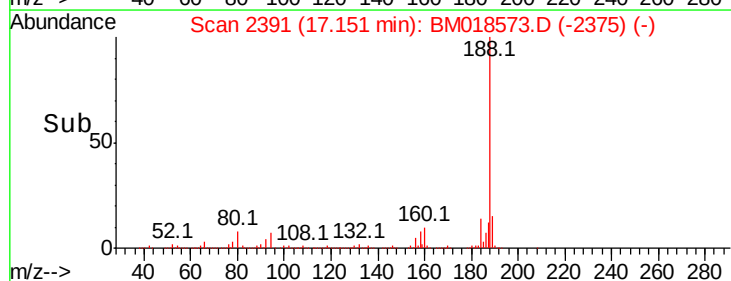
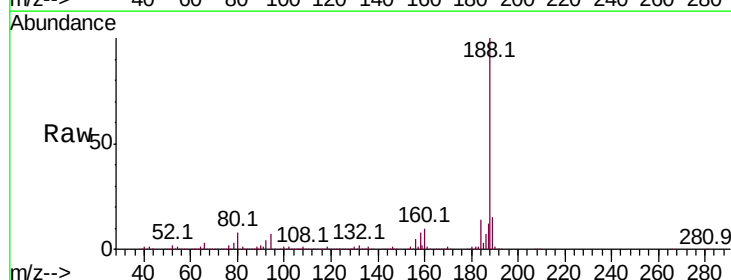
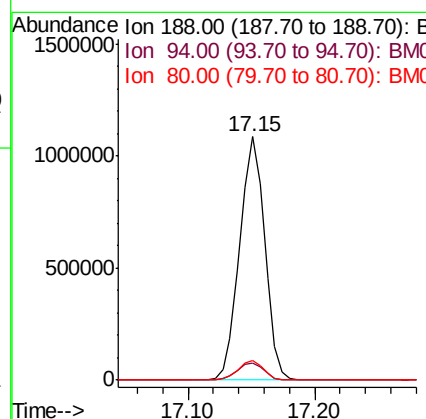
Manual Integrations
APPROVED

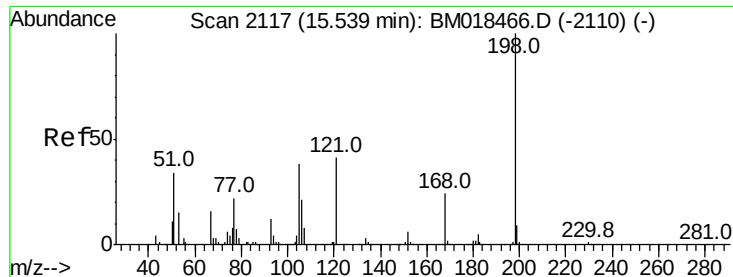
Sohil
1/16/2019 2:07:32 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

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





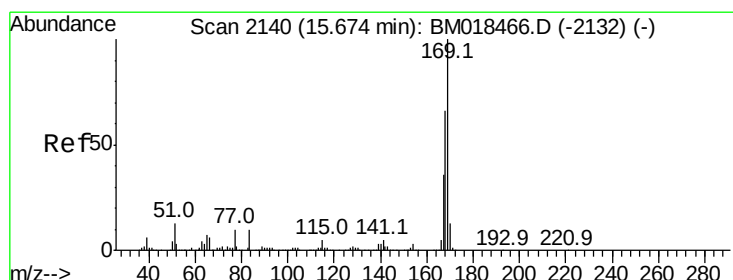
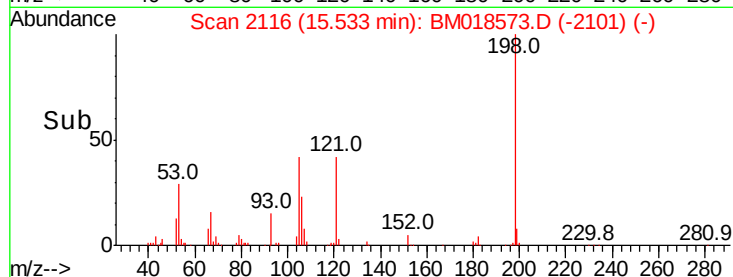
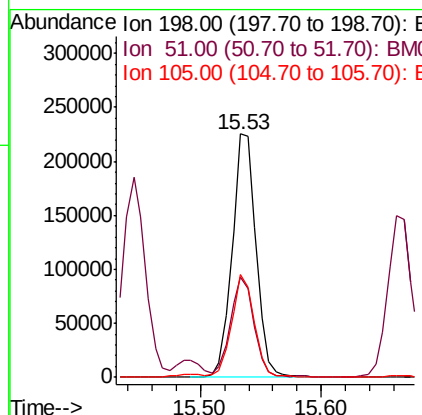
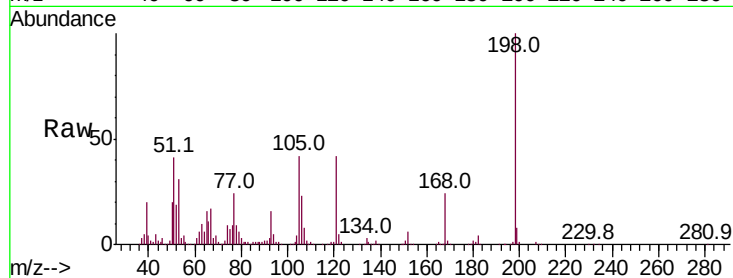
#65
4,6-Dinitro-2-methylphenol
Concen: 34.599 ng
RT: 15.53 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	41.3	29.6	69.6	
105	42.1	25.5	65.5	

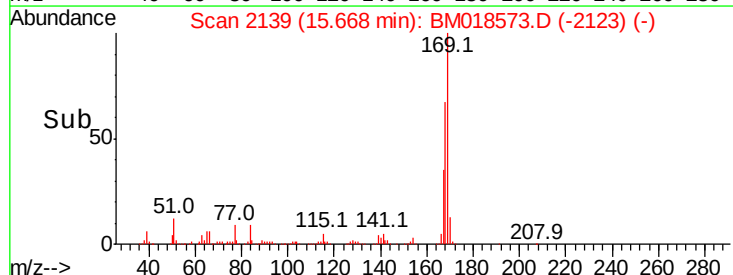
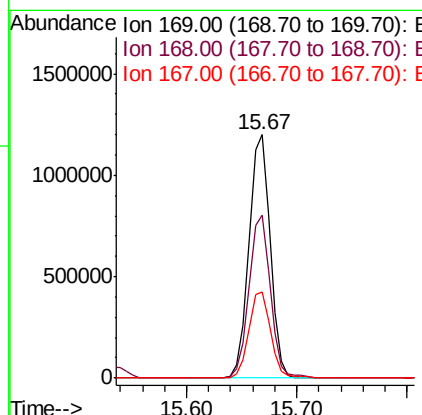
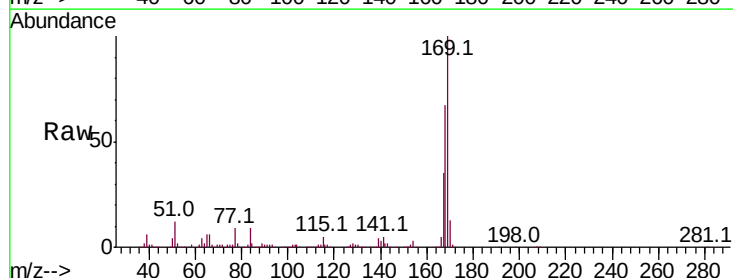
Manual Integrations
APPROVED

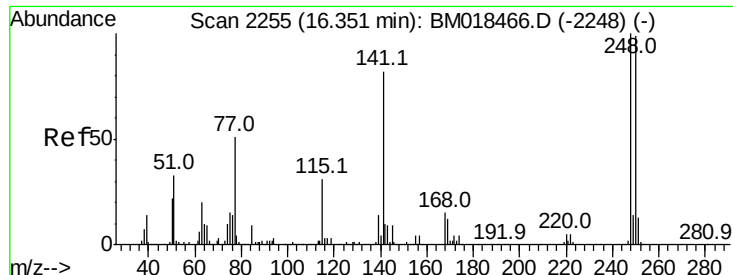
Sohil
1/16/2019 2:07:32 PM



#66
n-Nitrosodiphenylamine
Concen: 35.313 ng
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.0	54.1	81.1	
167	35.5	28.6	42.8	





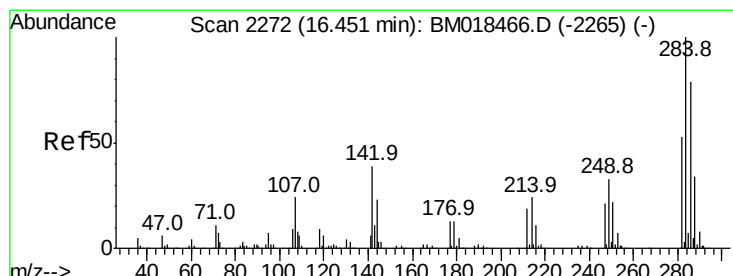
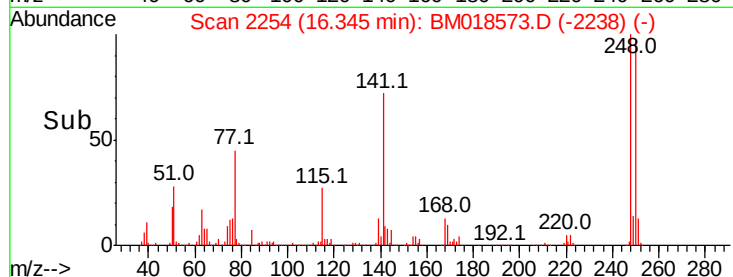
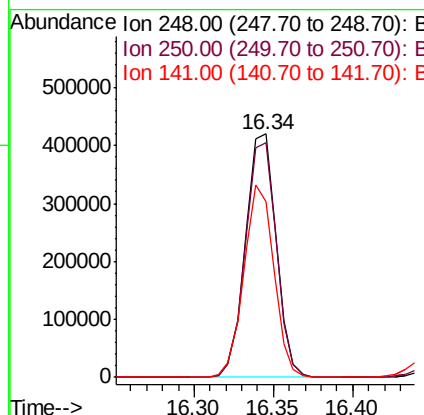
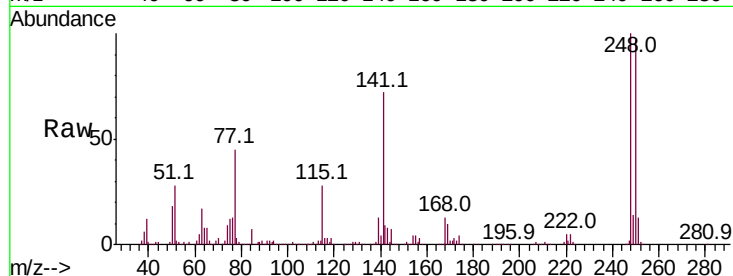
#67
4-Bromophenyl-phenylether
Concen: 34.127 ng
RT: 16.34 min Scan# 2254
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	76.0	114.0
141	72.2	61.5	92.3

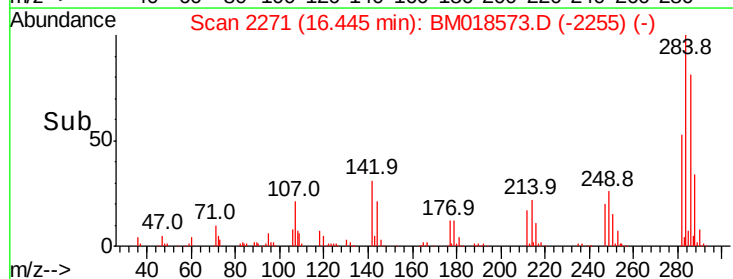
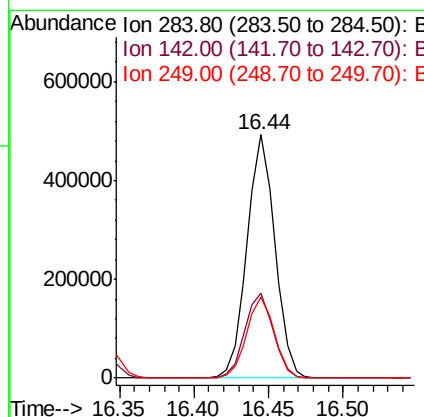
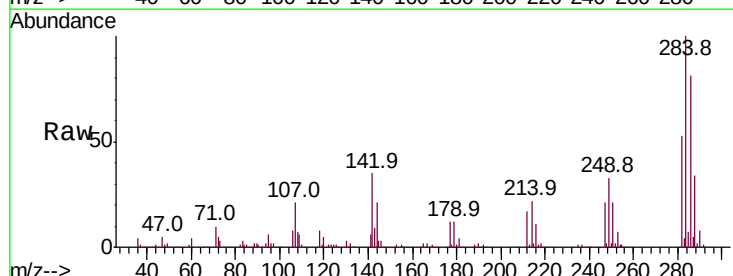
Manual Integrations
APPROVED

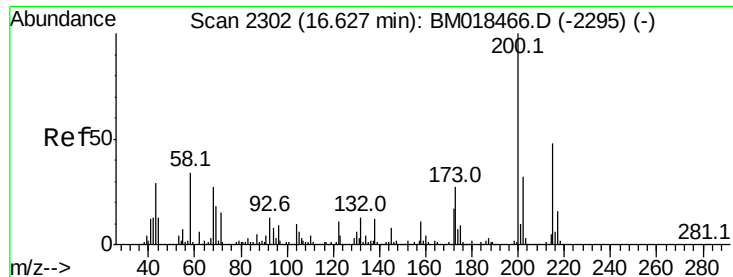
Sohil
1/16/2019 2:07:32 PM



#68
Hexachlorobenzene
Concen: 34.207 ng
RT: 16.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	29.2	43.8
249	33.1	26.1	39.1





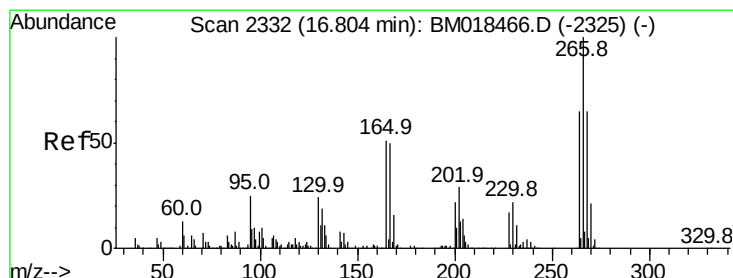
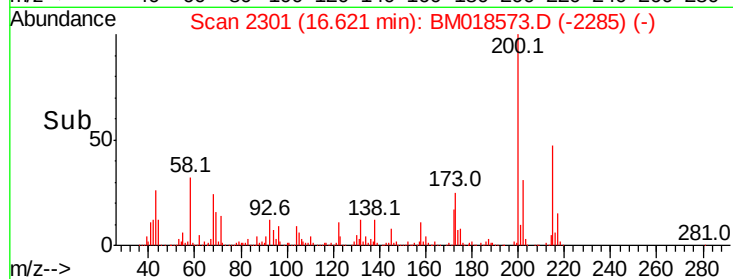
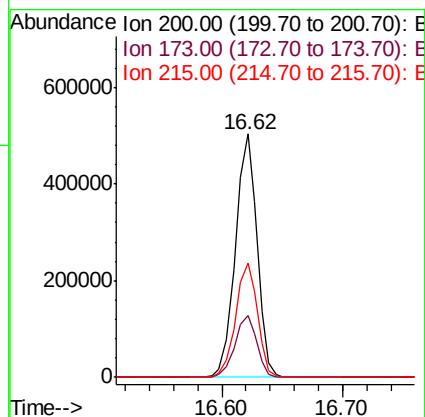
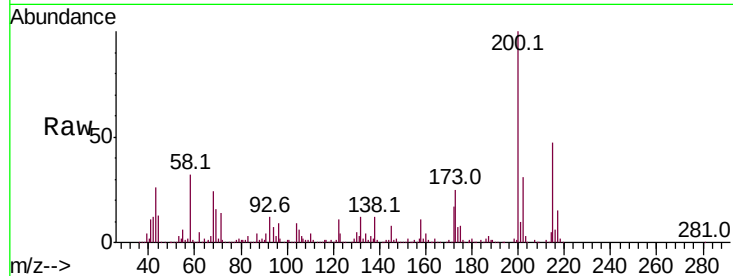
#69
Atrazine
Concen: 37.775 ng
RT: 16.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.2	47.2
215	47.0	28.3	68.3

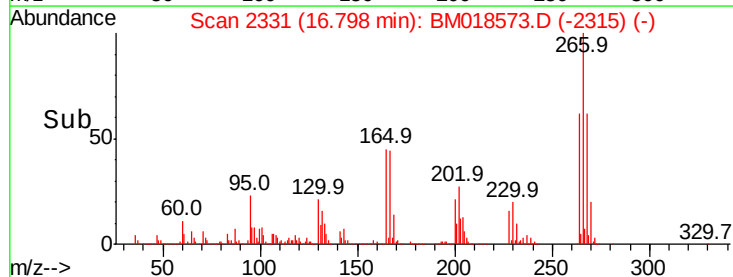
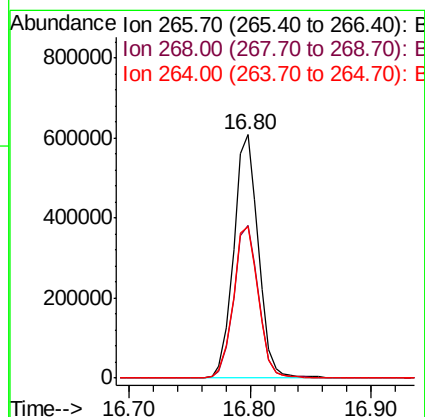
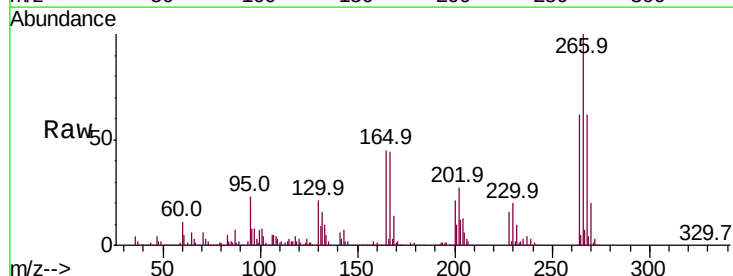
Manual Integrations
APPROVED

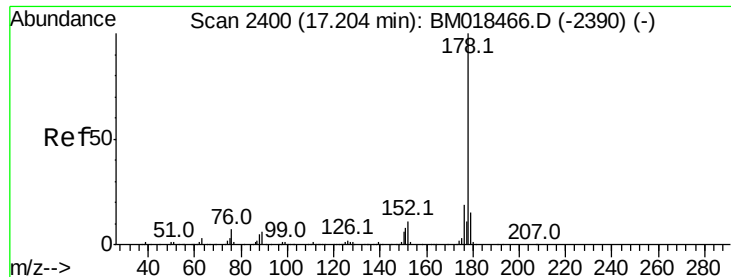
Sohil
1/16/2019 2:07:32 PM



#70
Pentachlorophenol
Concen: 71.045 ng
RT: 16.80 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	49.8	74.6
264	62.2	50.1	75.1





#71

Phenanthrene

Concen: 37.875 ng

RT: 17.19 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion:178 Resp: 2989409

Ion Ratio Lower Upper

178 100

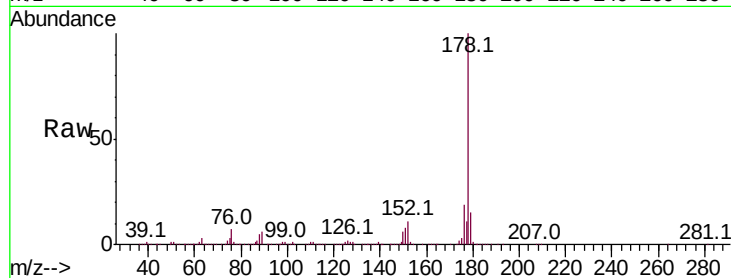
176 18.8 15.4 23.0

179 15.5 12.2 18.4

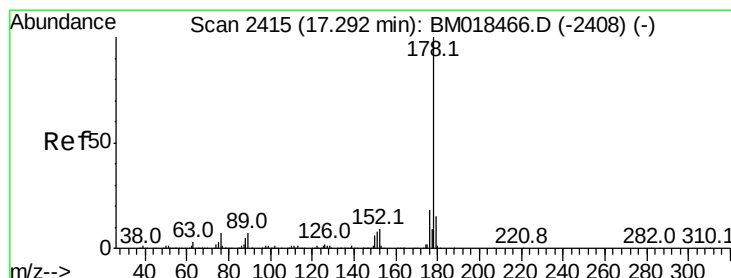
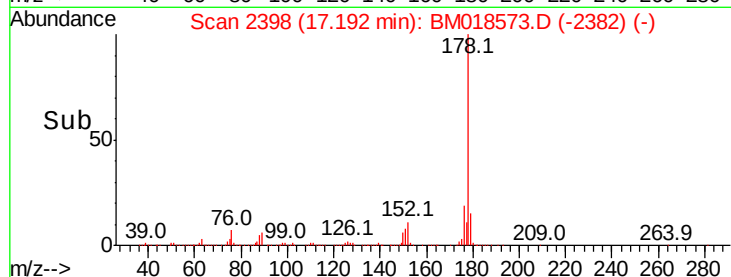
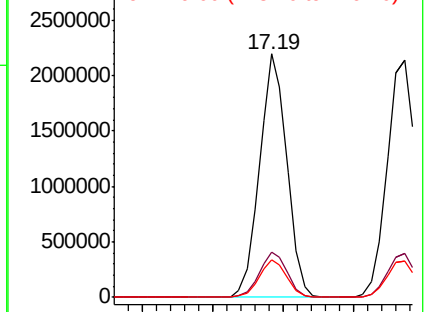
Manual Integrations
APPROVED

Sohil

1/16/2019 2:07:32 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.030 ng

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

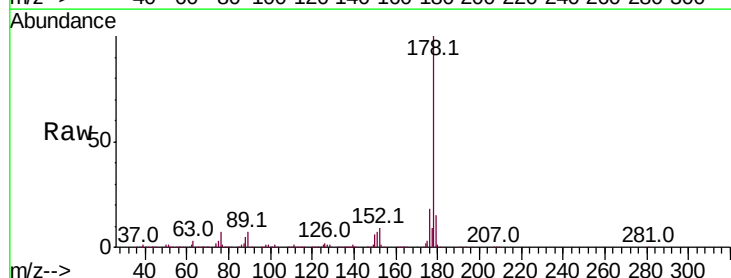
Tgt Ion:178 Resp: 3038243

Ion Ratio Lower Upper

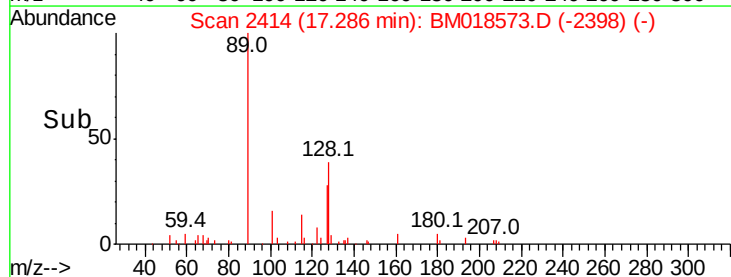
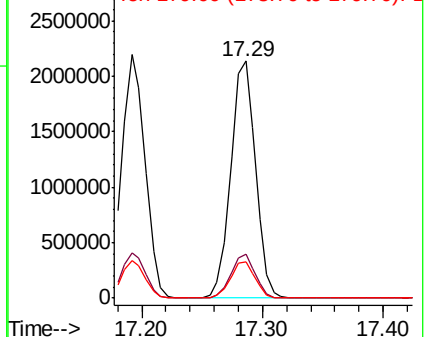
178 100

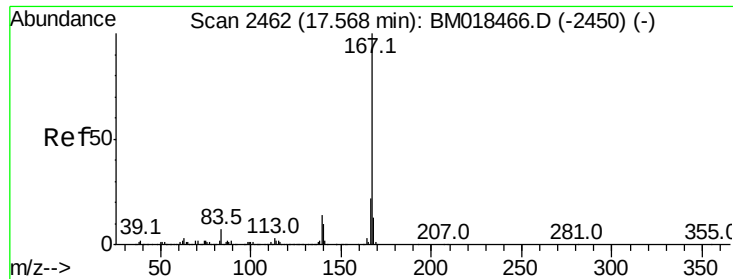
176 18.3 14.7 22.1

179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





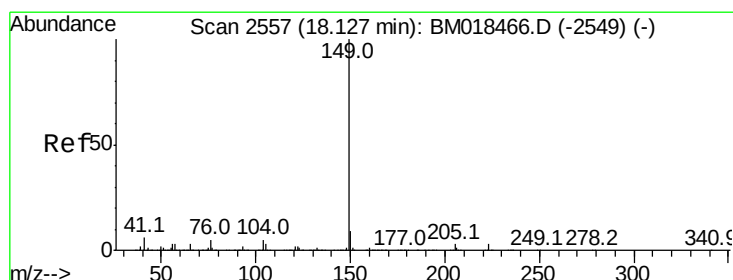
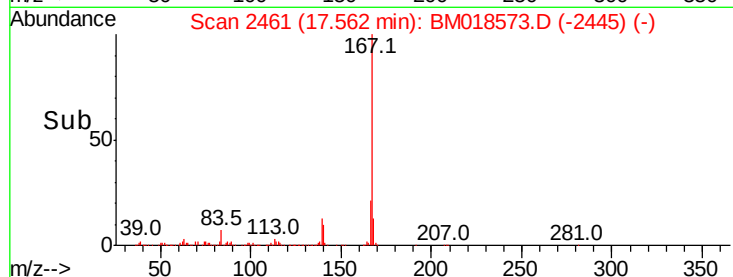
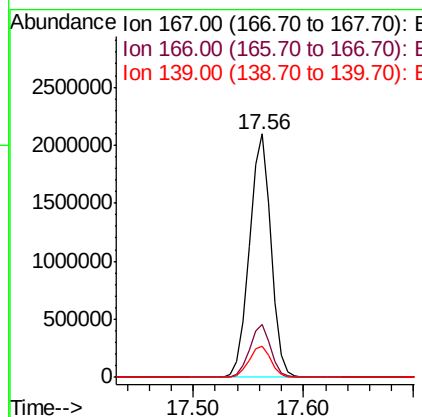
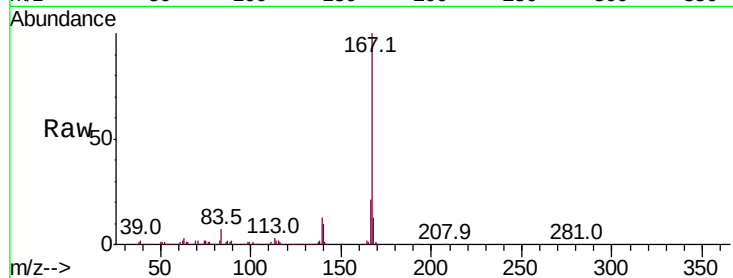
#73
 Carbazole
 Concen: 36.732 ng
 RT: 17.56 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Instrument :
 BNA_M
 ClientSampleId :
 QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	12.8	10.6	16.0

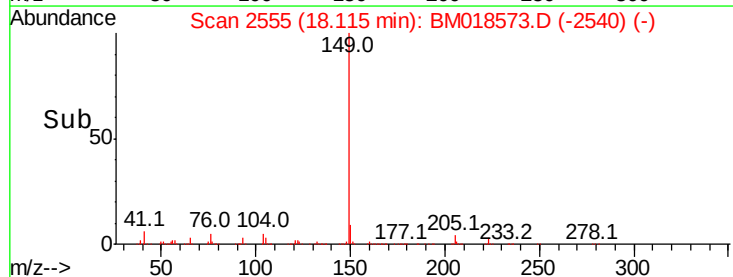
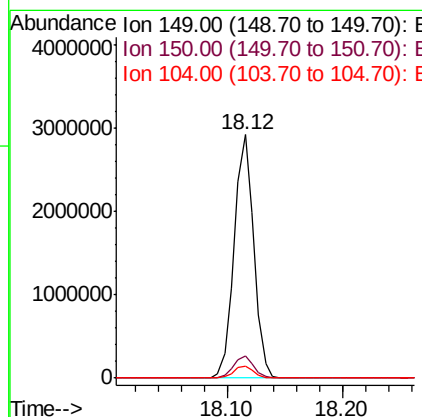
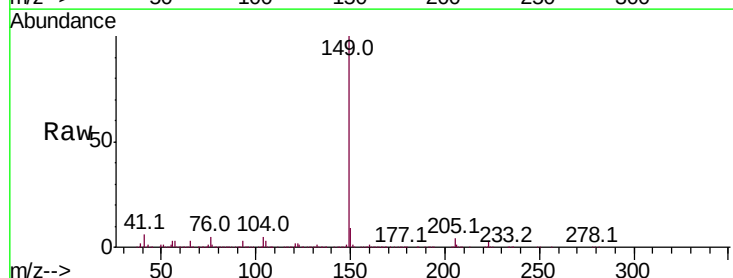
Manual Integrations
 APPROVED

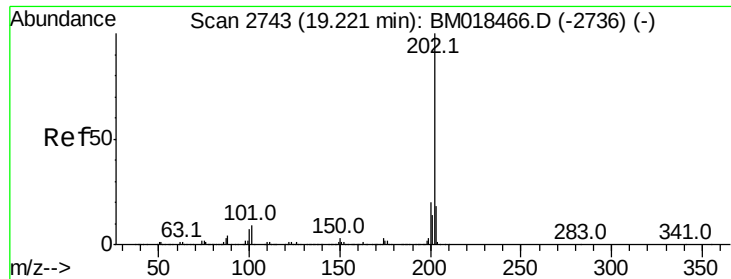
Sohil
 1/16/2019 2:07:32 PM



#74
 Di-n-butylphthalate
 Concen: 40.042 ng
 RT: 18.12 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BM018573.D
 Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 40.680 ng

RT: 19.22 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

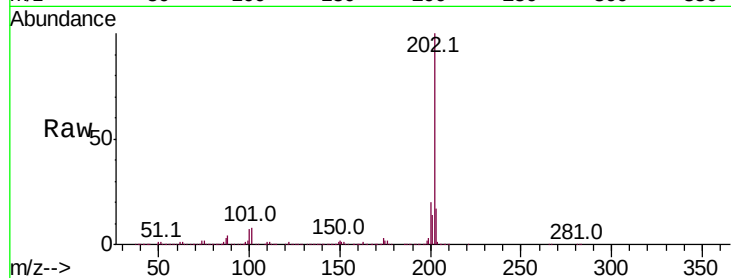
ClientSampleId :

QD-01-011019MS

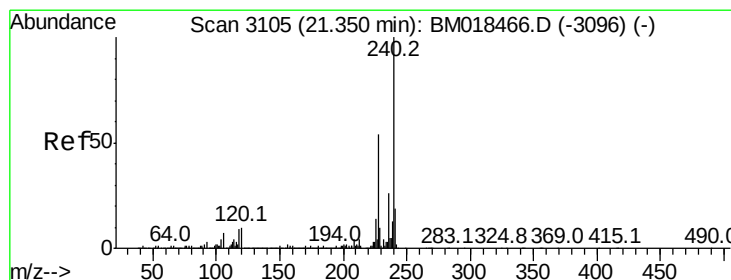
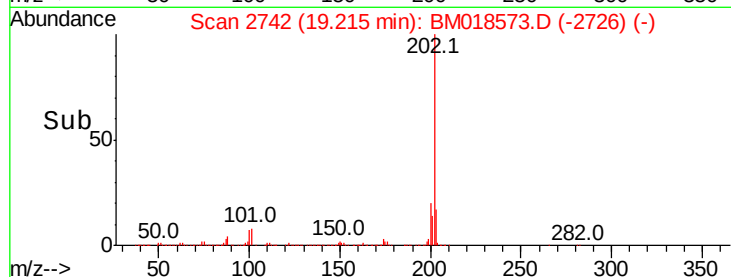
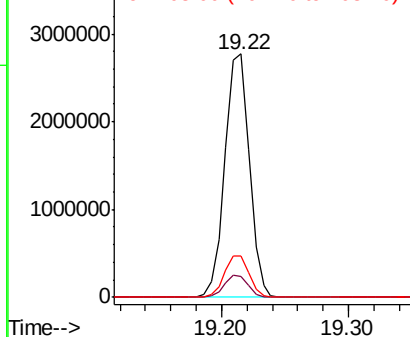
Tot Ion:	202	Resp:	3701869
Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	30.9
203	17.2	0.0	37.4

Manual Integrations
APPROVED

Sohil
1/16/2019 2:07:32 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: 21.34 min Scan# 3104

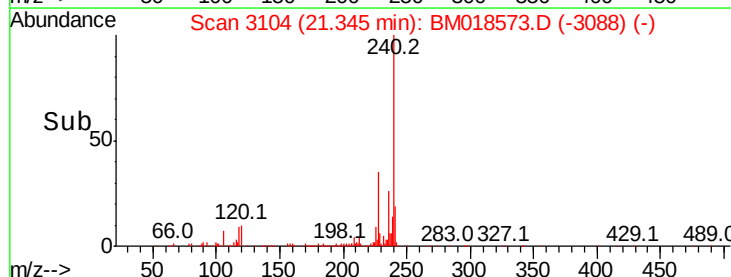
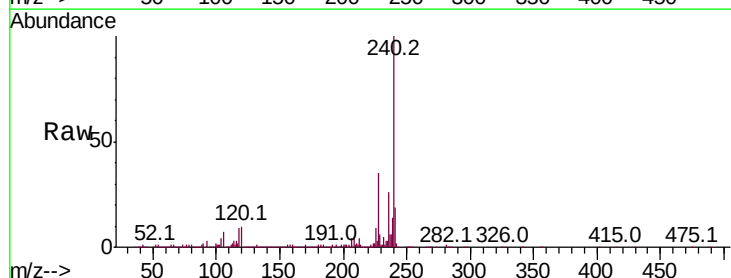
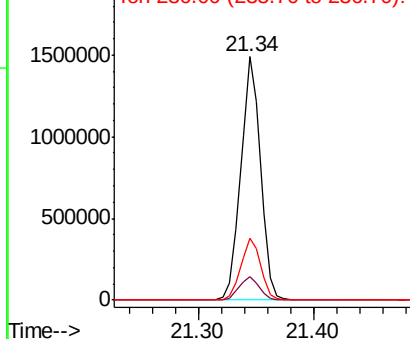
Delta R.T. -0.01 min

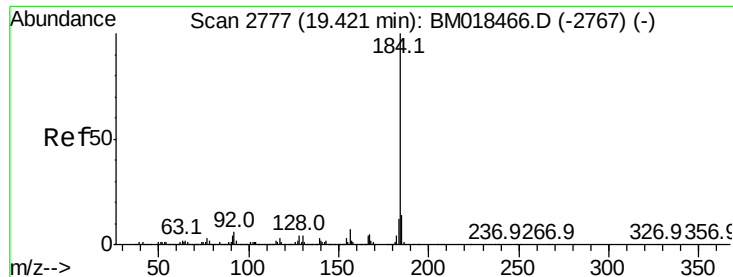
Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Tgt Ion:	240	Resp:	1762481
Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	25.6	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.559 ng

RT: 19.41 min Scan# 2775

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion:184 Resp: 1242858

Ion Ratio Lower Upper

184 100

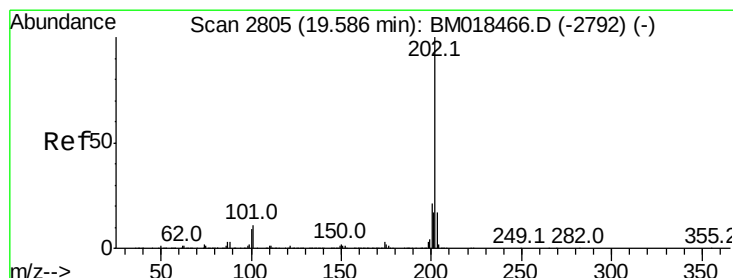
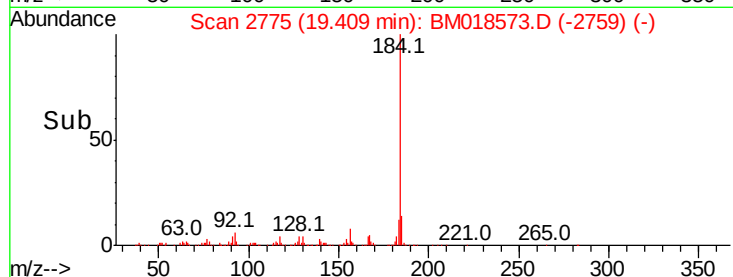
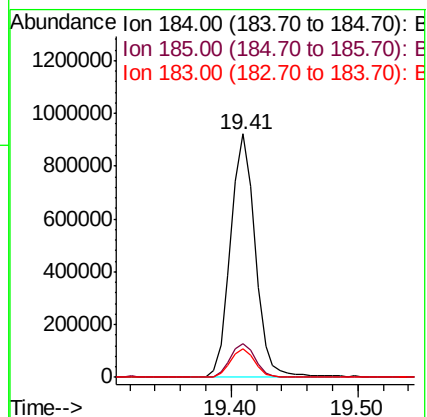
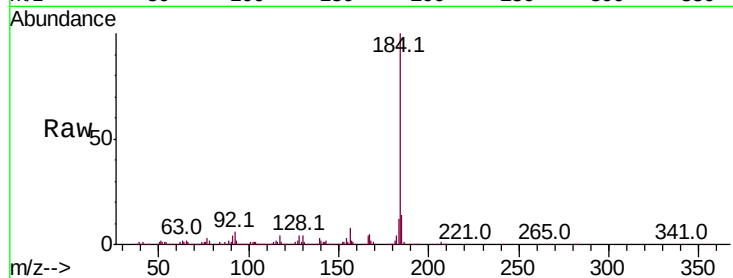
185 14.0 11.4 17.0

183 11.9 9.5 14.3

Manual Integrations
APPROVED

Sohil

1/16/2019 2:07:32 PM



#78

Pyrene

Concen: 36.502 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

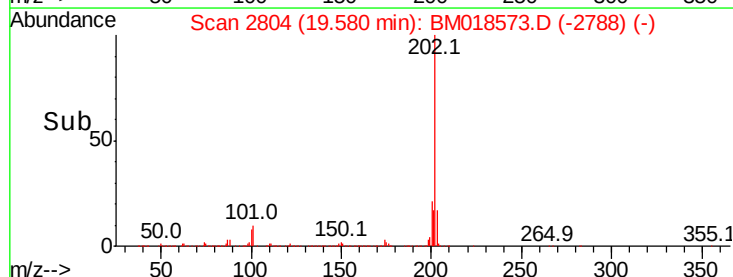
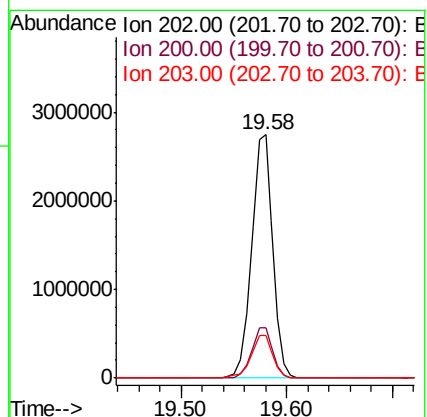
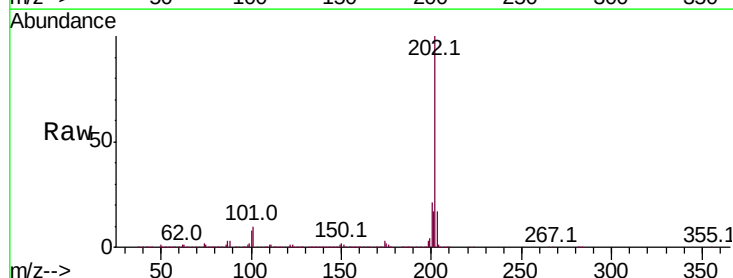
Tgt Ion:202 Resp: 3813415

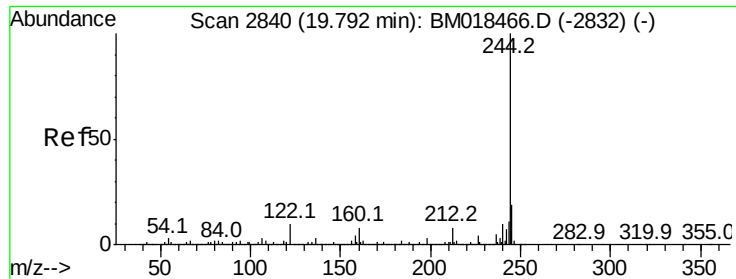
Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

203 17.3 13.8 20.8





#79

Terphenyl-d14

Concen: 68.994 ng

RT: 19.78 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion:244 Resp: 5768464

Ion Ratio Lower Upper

244 100

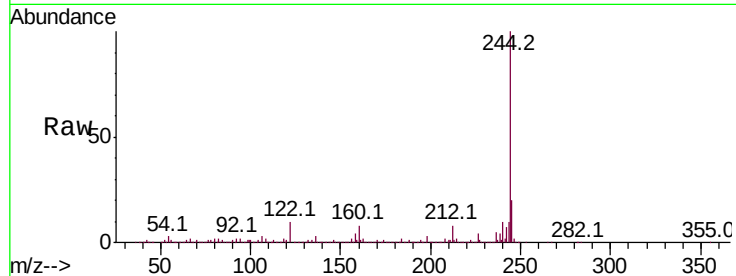
212 7.6 5.9 8.9

122 10.2 9.0 13.4

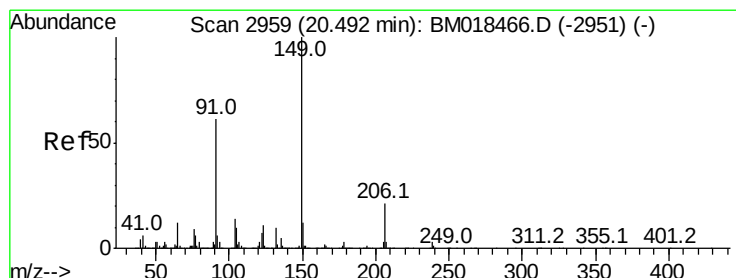
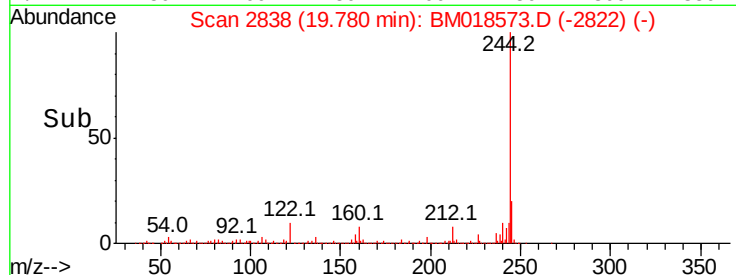
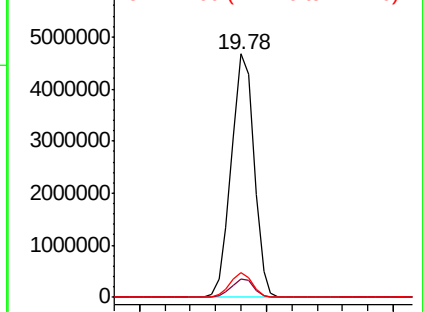
Manual Integrations
APPROVED

Sohil

1/16/2019 2:07:32 PM



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



#80

Butylbenzylphthalate

Concen: 38.872 ng

RT: 20.48 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

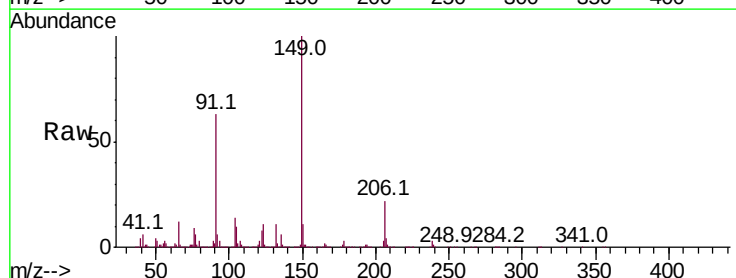
Tgt Ion:149 Resp: 1732873

Ion Ratio Lower Upper

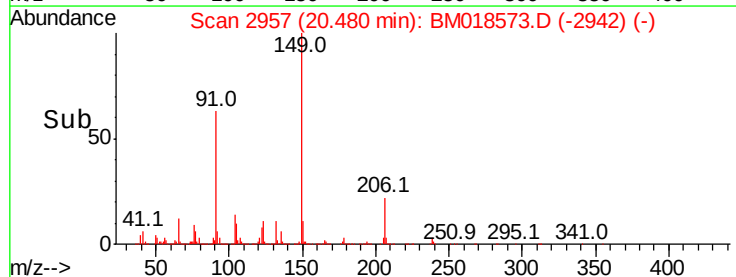
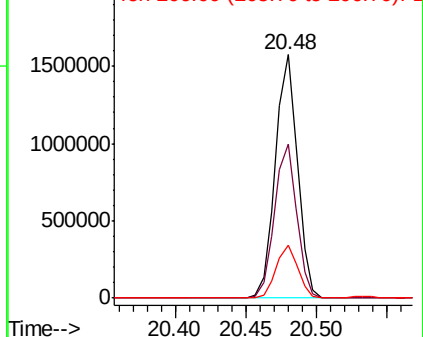
149 100

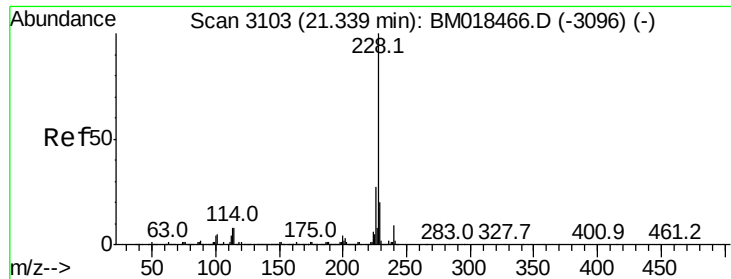
91 63.2 53.1 79.7

206 21.6 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM018573.D (-2942) (-)
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.650 ng

RT: 21.33 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion:228 Resp: 4013001

Ion Ratio Lower Upper

228 100

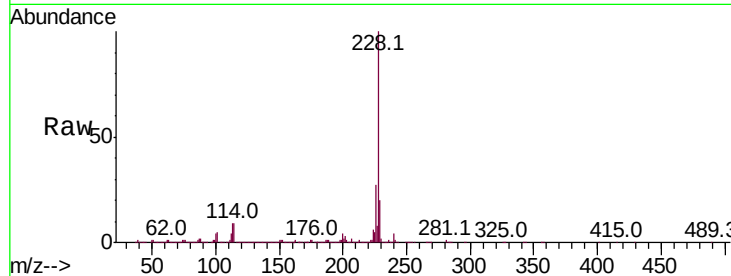
226 27.2 21.8 32.6

229 19.8 15.8 23.8

Manual Integrations
APPROVED

Sohil

1/16/2019 2:07:32 PM

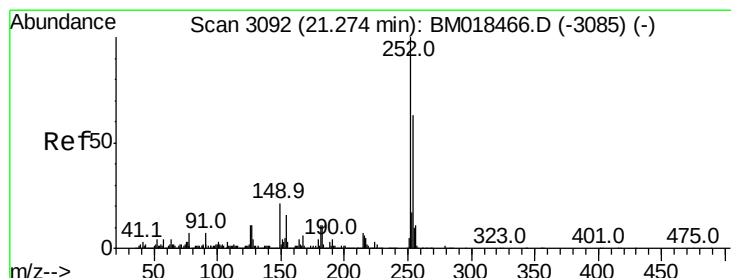
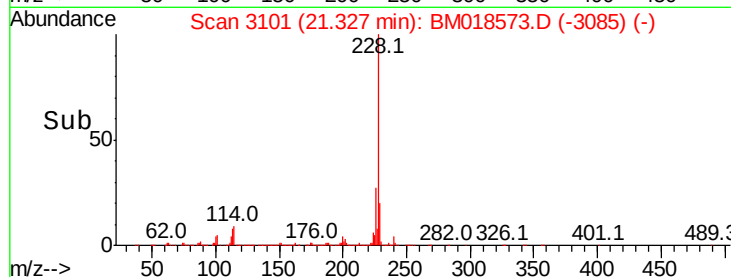
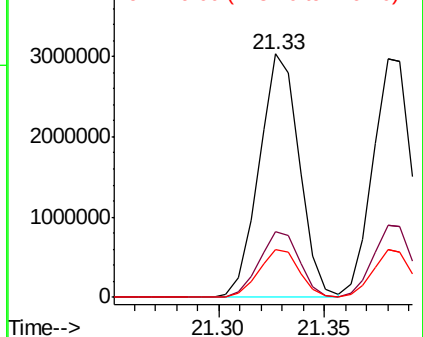


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.551 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

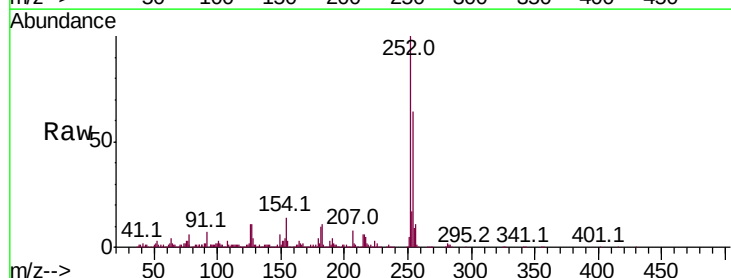
Tgt Ion:252 Resp: 728383

Ion Ratio Lower Upper

252 100

254 64.0 51.4 77.0

126 10.5 8.7 13.1

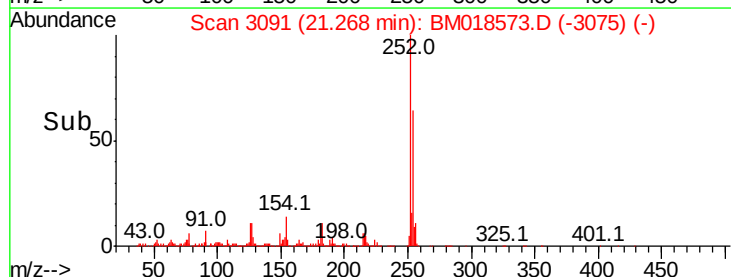
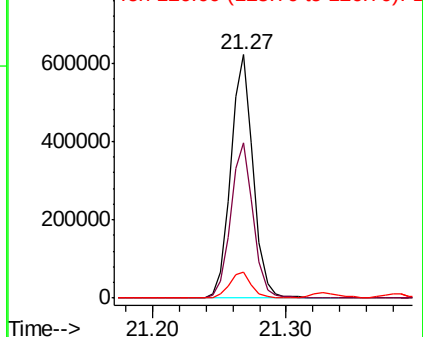


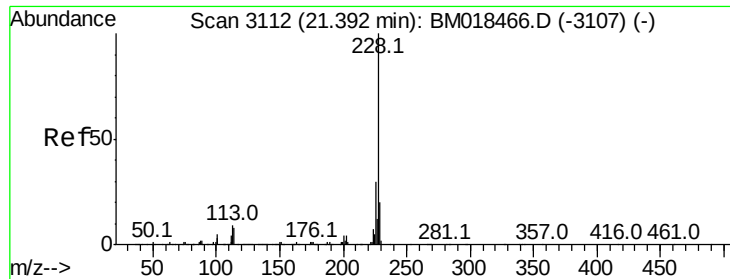
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.781 ng

RT: 21.38 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion:228 Resp: 3788071

Ion Ratio Lower Upper

228 100

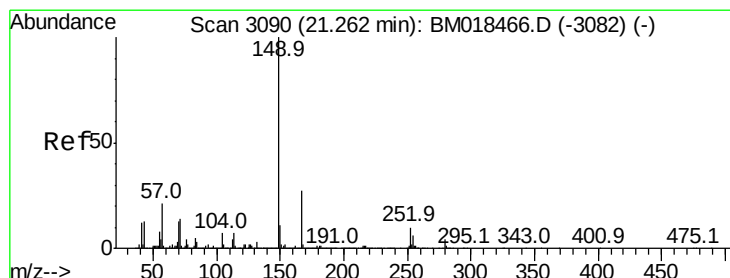
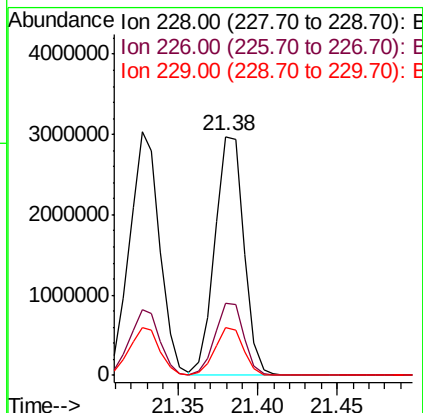
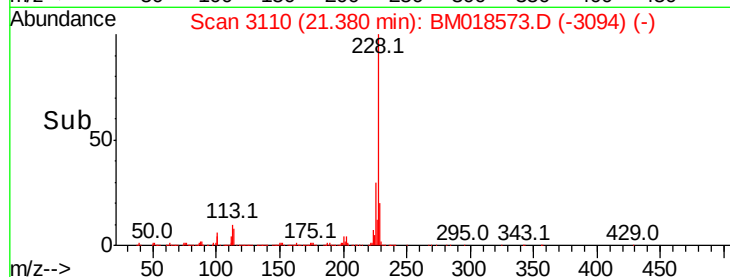
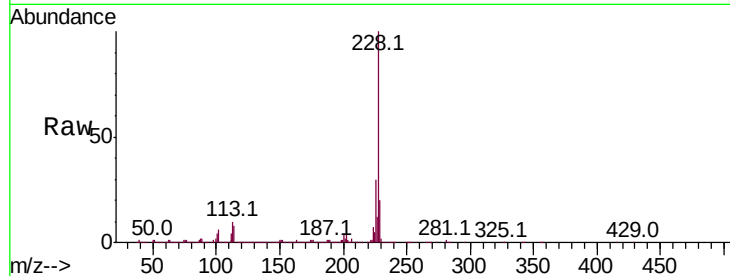
226 30.2 24.2 36.2

229 19.7 15.6 23.4

Manual Integrations
APPROVED

Sohil

1/16/2019 2:07:32 PM



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.528 ng

RT: 21.25 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

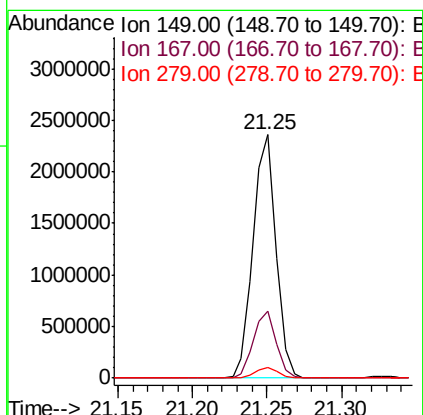
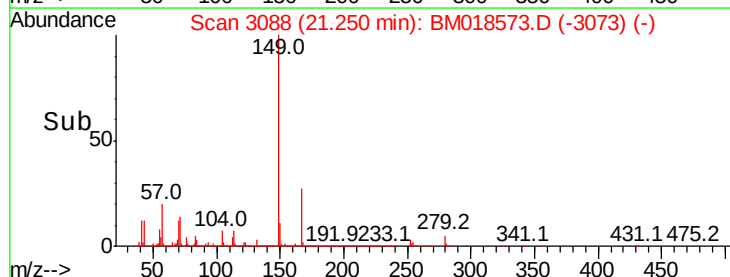
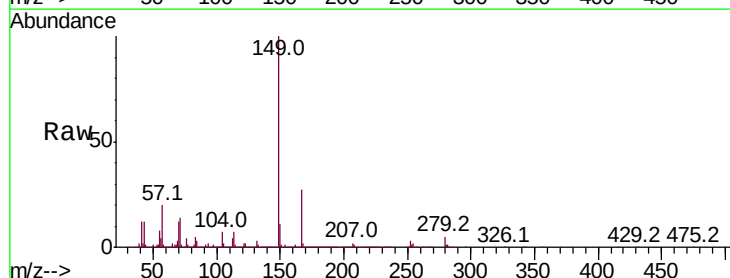
Tgt Ion:149 Resp: 2480138

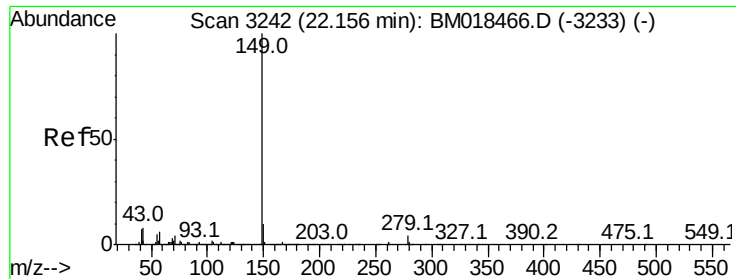
Ion Ratio Lower Upper

149 100

167 27.4 21.6 32.4

279 4.6 3.3 4.9





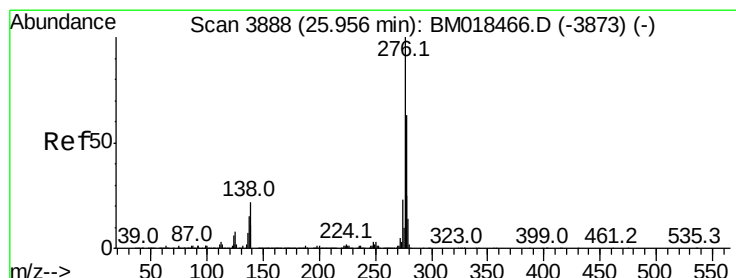
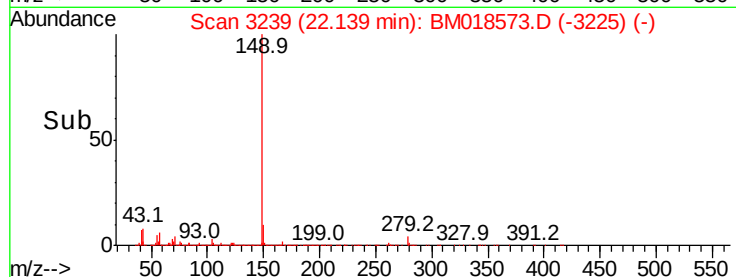
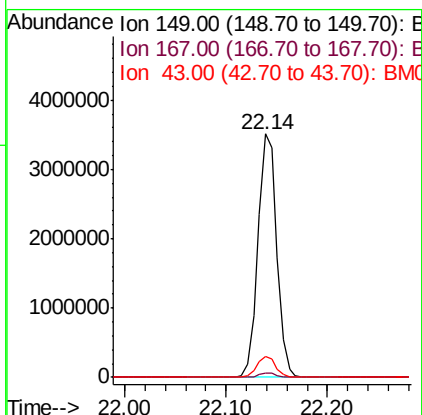
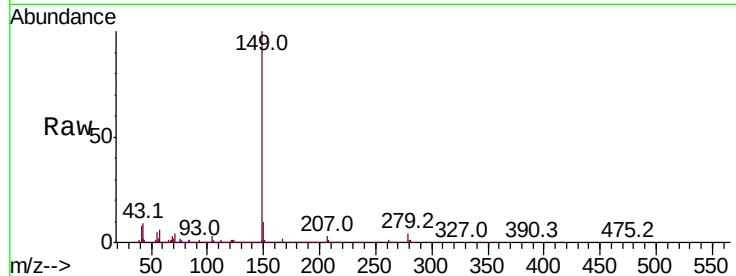
#85
Di-n-octyl phthalate
Concen: 41.416 ng
RT: 22.14 min Scan# 3239
Delta R.T. -0.02 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	8.6	12.8#

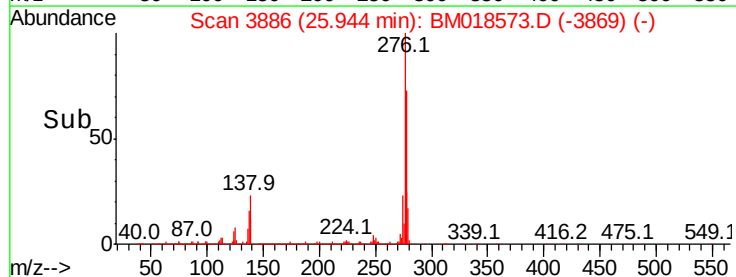
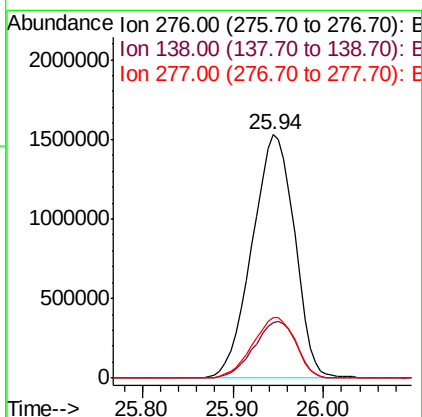
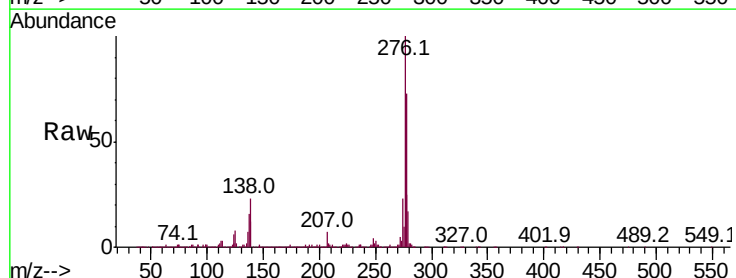
Manual Integrations
APPROVED

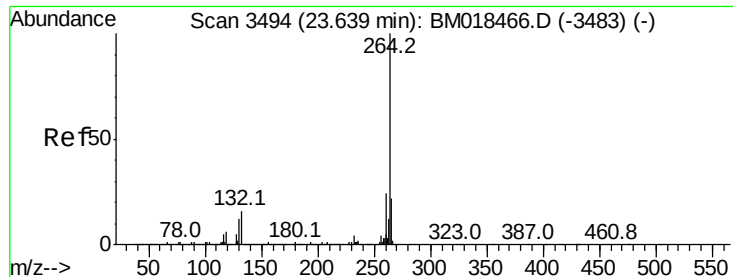
Sohil
1/16/2019 2:07:32 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.930 ng
RT: 25.94 min Scan# 3886
Delta R.T. -0.00 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	21.5	32.3
277	25.3	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Instrument :

BNA_M

ClientSampleId :

QD-01-011019MS

Tot Ion:264 Resp: 1919929

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

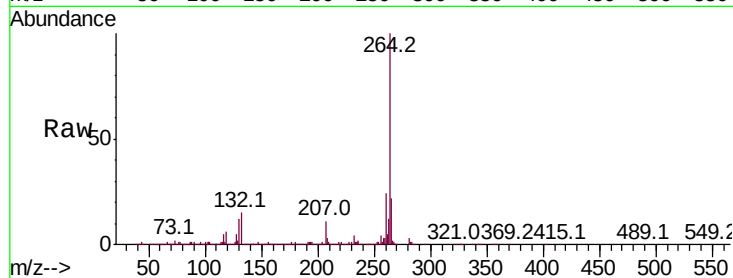
265 21.5 16.8 25.2

Manual Integrations

APPROVED

Sohil

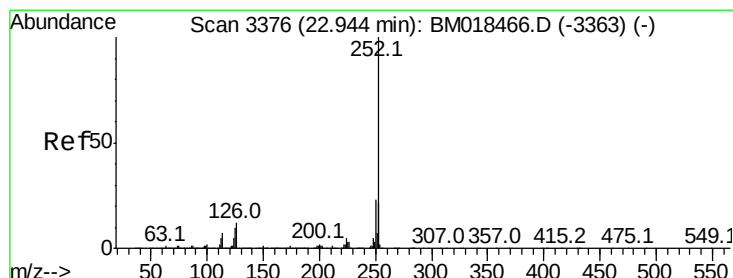
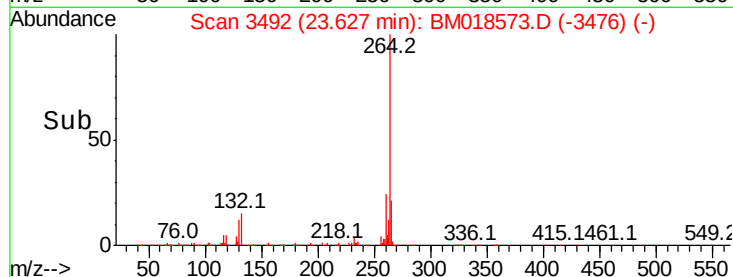
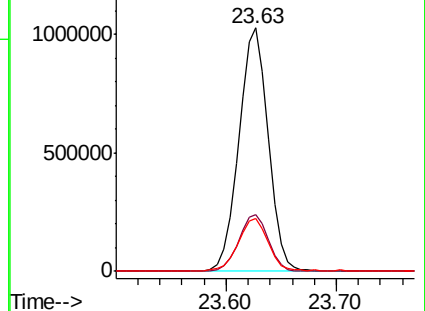
1/16/2019 2:07:32 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.270 ng

RT: 22.94 min Scan# 3375

Delta R.T. -0.00 min

Lab File: BM018573.D

Acq: 15 Jan 2019 22:29

Tgt Ion:252 Resp: 4389379

Ion Ratio Lower Upper

252 100

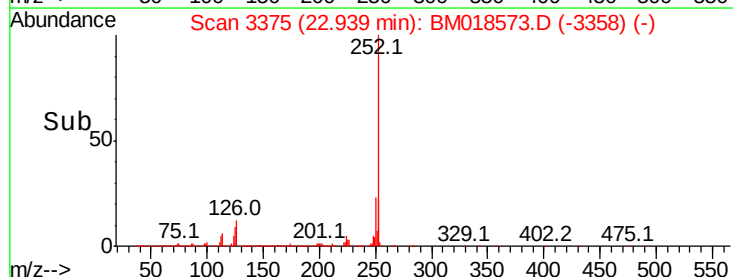
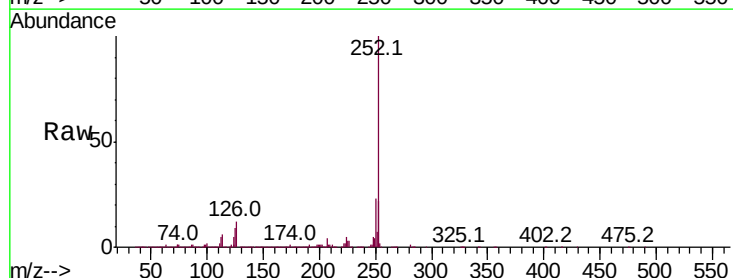
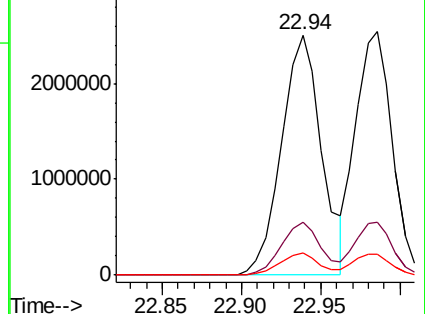
253 22.0 17.6 26.4

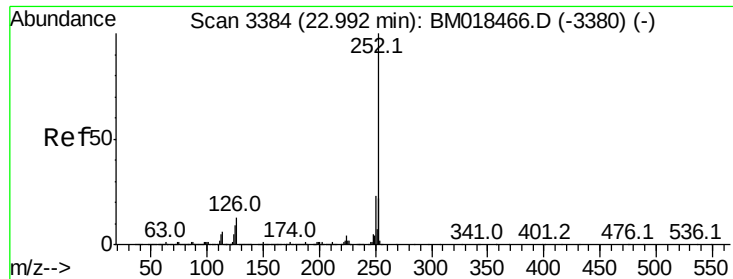
125 9.2 8.5 12.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





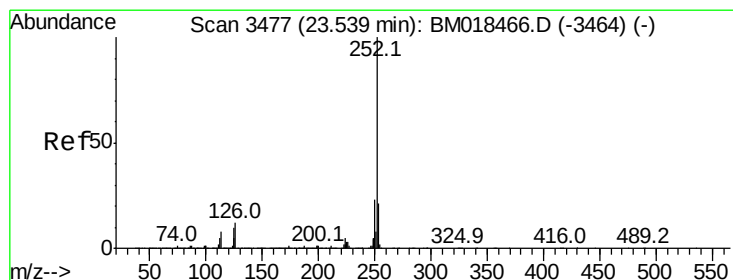
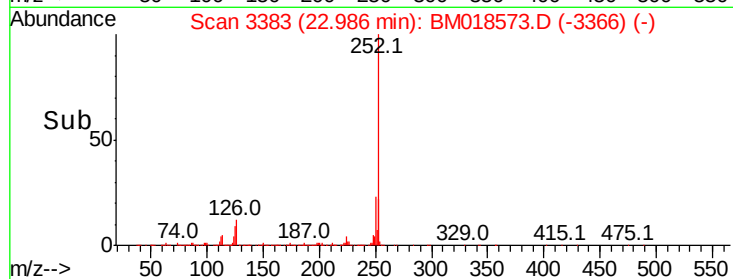
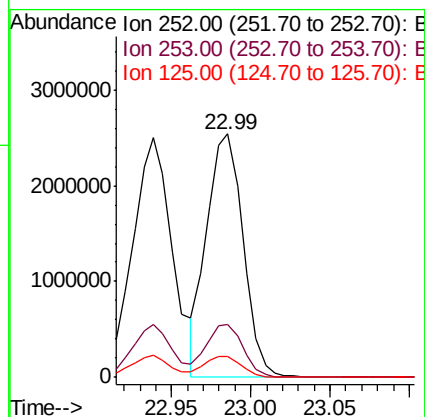
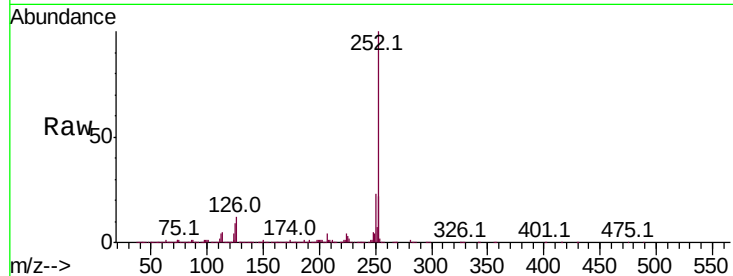
#89
Benzo(k)fluoranthene
Concen: 36.847 ng
RT: 22.99 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	8.8	8.6	12.8

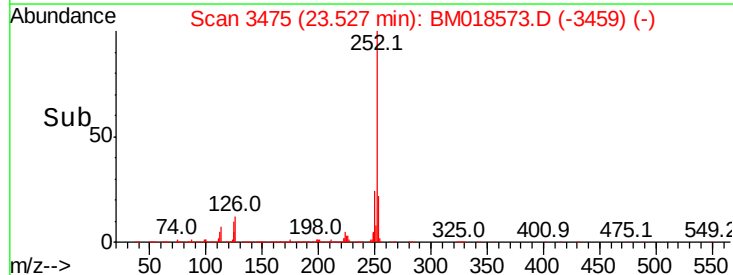
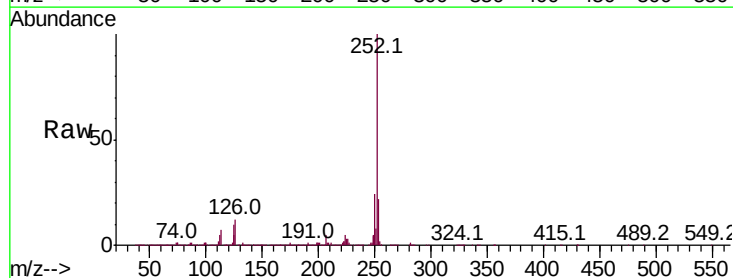
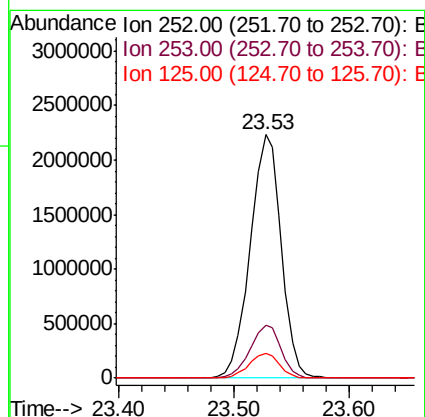
Manual Integrations
APPROVED

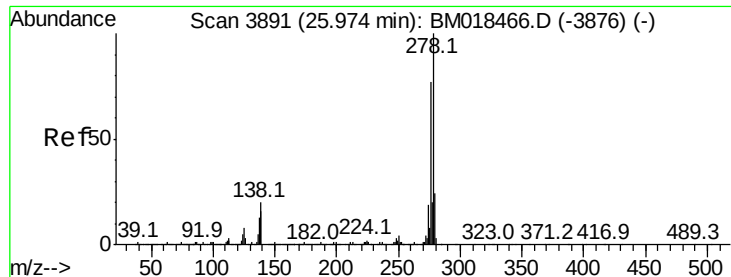
Sohil
1/16/2019 2:07:32 PM



#90
Benzo(a)pyrene
Concen: 39.894 ng
RT: 23.53 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.0	9.7	14.5





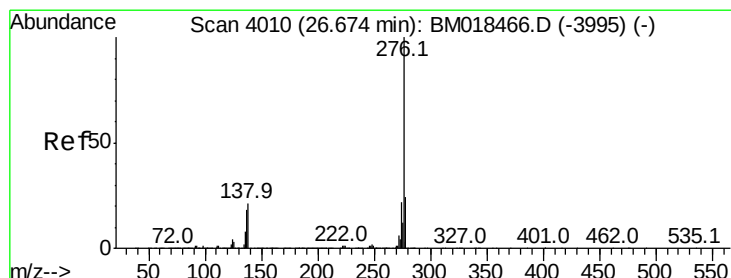
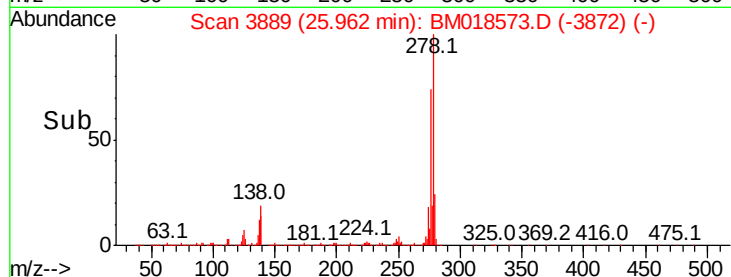
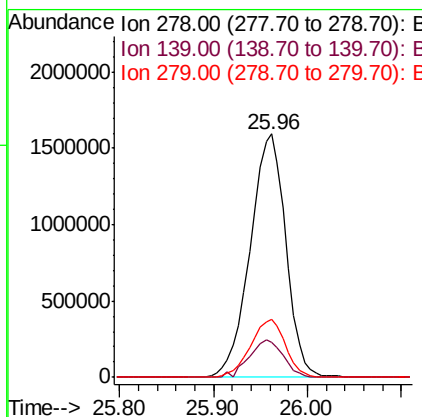
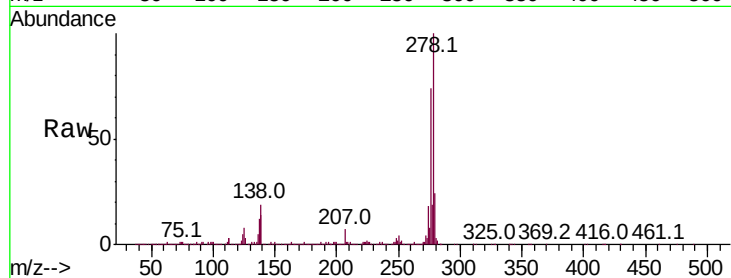
#91
Dibenzo(a,h)anthracene
Concen: 39.536 ng
RT: 25.96 min Scan# 3889
Delta R.T. -0.00 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Instrument :
BNA_M
ClientSampleId :
QD-01-011019MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	13.2	19.8
279	23.6	19.0	28.4

Manual Integrations
APPROVED

Sohil
1/16/2019 2:07:32 PM



#92
Benzo(g,h,i)perylene
Concen: 39.836 ng
RT: 26.66 min Scan# 4008
Delta R.T. 0.01 min
Lab File: BM018573.D
Acq: 15 Jan 2019 22:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.0	28.4
138	19.9	18.1	27.1

