

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\
 Data File : BM020270.D
 Acq On : 11 May 2019 13:41
 Operator : JU/SJ
 Sample : PB119644BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:06:01 PM

Quant Time: May 12 03:53:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	55179	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	197079	20.00	ng	-0.03
39) Acenaphthene-d10	14.42	164	116764	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	271819	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	291432	20.00	ng	-0.02
87) Perylene-d12	23.64	264	342663	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	416478	123.38	ng	-0.02
7) Phenol-d6	6.93	99	558503	121.11	ng	-0.02
23) Nitrobenzene-d5	8.93	82	380833	76.29	ng	-0.02
42) 2,4,6-Tribromophenol	15.91	330	235415	129.89	ng	-0.01
45) 2-Fluorobiphenyl	13.03	172	760087	80.09	ng	-0.03
79) Terphenyl-d14	19.79	244	1279386	76.57	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	60516	36.552	ng	91
3) Pyridine	3.68	79	166628	39.352	ng	96
4) n-Nitrosodimethylamine	3.60	42	49305	36.312	ng	# 66
6) Aniline	7.10	93	119543	20.592	ng	97
8) 2-Chlorophenol	7.33	128	146787	39.935	ng	98
9) Benzaldehyde	6.92	77	83143	23.820	ng	91
10) Phenol	6.96	94	196854	39.651	ng	91
11) bis(2-Chloroethyl)ether	7.20	93	140413	38.913	ng	96
12) 1,3-Dichlorobenzene	7.65	146	163038	38.124	ng	96
13) 1,4-Dichlorobenzene	7.80	146	165638	38.341	ng	96
14) 1,2-Dichlorobenzene	8.12	146	158621	38.539	ng	99
15) Benzyl Alcohol	8.01	79	151223	34.006	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	112409	37.569	ng	98
17) 2-Methylphenol	8.21	107	124623	38.995	ng	94
18) Hexachloroethane	8.83	117	65491	36.357	ng	98
19) n-Nitroso-di-n-propylamine	8.57	70	137455	34.838	ng	95
20) 3+4-Methylphenols	8.53	107	163342	38.456	ng	95
22) Acetophenone	8.59	105	224522	41.685	ng	# 96
24) Nitrobenzene	8.97	77	204300	39.473	ng	96
25) Isophorone	9.49	82	347099	40.321	ng	98
26) 2-Nitrophenol	9.68	139	75522	48.333	ng	91
27) 2,4-Dimethylphenol	9.73	122	122373	47.041	ng	97
28) bis(2-Chloroethoxy)methane	9.97	93	186474	39.773	ng	99
29) 2,4-Dichlorophenol	10.21	162	139638	42.569	ng	97
30) 1,2,4-Trichlorobenzene	10.42	180	162509	40.262	ng	97
31) Naphthalene	10.61	128	415395	40.617	ng	99
32) Benzoic acid	9.86	122	70262	39.343	ng	# 88
33) 4-Chloroaniline	10.73	127	57466	13.652	ng	95
34) Hexachlorobutadiene	10.87	225	107609	37.688	ng	98
35) Caprolactam	11.53	113	43454m	44.302	ng	
36) 4-Chloro-3-methylphenol	11.85	107	148757	38.590	ng	93
37) 2-Methylnaphthalene	12.23	142	304736	40.872	ng	96
38) 1-Methylnaphthalene	12.45	142	290496	39.844	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	188565	41.277	ng	# 97

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\
 Data File : BM020270.D
 Acq On : 11 May 2019 13:41
 Operator : JU/SJ
 Sample : PB119644BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

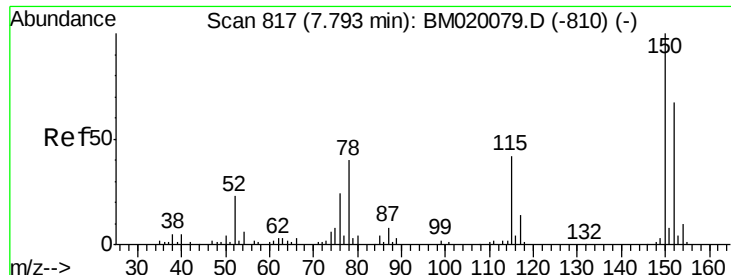
Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:06:01 PM

Quant Time: May 12 03:53:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	254681	94.684	nq	98
43) 2,4,6-Trichlorophenol	12.84	196	120536	46.427	nq	98
44) 2,4,5-Trichlorophenol	12.91	196	126436	43.593	nq	98
46) 1,1'-Biphenyl	13.25	154	395021	41.102	nq	99
47) 2-Chloronaphthalene	13.29	162	321485	41.896	nq	99
48) 2-Nitroaniline	13.50	65	106830	39.105	nq	87
49) Acenaphthylene	14.14	152	495993	40.388	nq	99
50) Dimethylphthalate	13.87	163	396950	39.999	nq	99
51) 2,6-Dinitrotoluene	14.00	165	87010	41.627	nq	89
52) Acenaphthene	14.48	154	287086	40.766	nq	99
53) 3-Nitroaniline	14.33	138	36896	19.019	nq	100
54) 2,4-Dinitrophenol	14.55	184	97617	91.835	nq	91
55) Dibenzofuran	14.82	168	483669	40.717	nq	96
56) 4-Nitrophenol	14.65	139	131070	79.187	nq	87
57) 2,4-Dinitrotoluene	14.79	165	124117	43.700	nq	92
58) Fluorene	15.46	166	385159	39.480	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	120488	43.715	nq	99
60) Diethylphthalate	15.24	149	394737	39.480	nq	100
61) 4-Chlorophenyl-phenylether	15.46	204	222029	40.167	nq	97
62) 4-Nitroaniline	15.50	138	65681	30.679	nq	90
63) Azobenzene	15.75	77	437237	37.069	nq	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	64768	47.340	nq	96
66) n-Nitrosodiphenylamine	15.68	169	343806	42.984	nq	98
67) 4-Bromophenyl-phenylether	16.36	248	134359	40.309	nq	95
68) Hexachlorobenzene	16.46	284	156038	40.681	nq	97
69) Atrazine	16.63	200	127856	40.904	nq	96
70) Pentachlorophenol	16.81	266	204511	93.188	nq	98
71) Phenanthrene	17.21	178	618165	41.198	nq	99
72) Anthracene	17.30	178	630708	42.042	nq	100
73) Carbazole	17.57	167	558404	41.252	nq	99
74) Di-n-butylphthalate	18.12	149	666550	40.917	nq	98
75) Fluoranthene	19.22	202	782482	41.217	nq	99
77) Benzidine	19.42	184	241434	25.913	nq	98
78) Pyrene	19.59	202	812907	41.546	nq	99
80) Butylbenzylphthalate	20.49	149	322775	45.363	nq	100
81) Benzo(a)anthracene	21.34	228	808690	39.568	nq	100
82) 3,3'-Dichlorobenzidine	21.27	252	182604	23.409	nq	99
83) Chrysene	21.39	228	816004	41.168	nq	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	462629	41.900	nq	97
85) Di-n-octyl phthalate	22.14	149	832682	45.375	nq	97
86) Indeno(1,2,3-cd)pyrene	25.97	276	1076064	45.640	nq	# 100
88) Benzo(b)fluoranthene	22.94	252	885307	39.125	nq	100
89) Benzo(k)fluoranthene	22.99	252	874984	42.391	nq	99
90) Benzo(a)pyrene	23.54	252	871352	42.395	nq	98
91) Dibenzo(a,h)anthracene	25.98	278	926479	43.345	nq	100
92) Benzo(g,h,i)perylene	26.69	276	899447	44.323	nq	97

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



#1

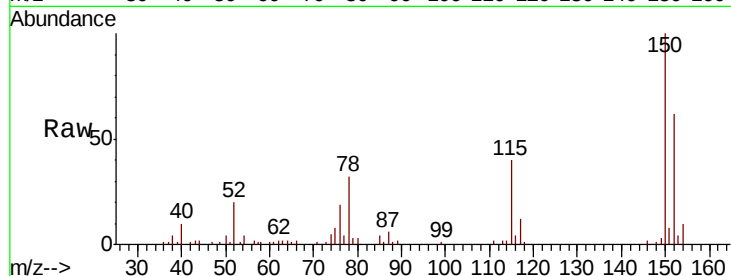
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 813
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	119.8	179.8
115	63.9	50.8	76.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM

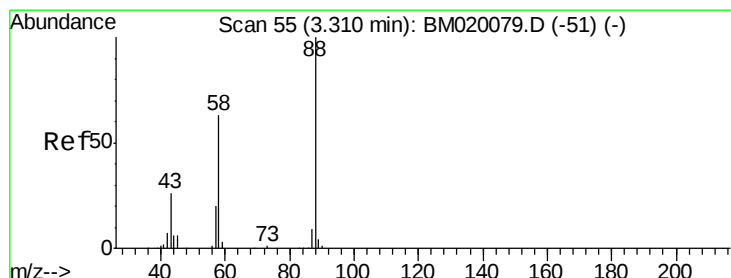
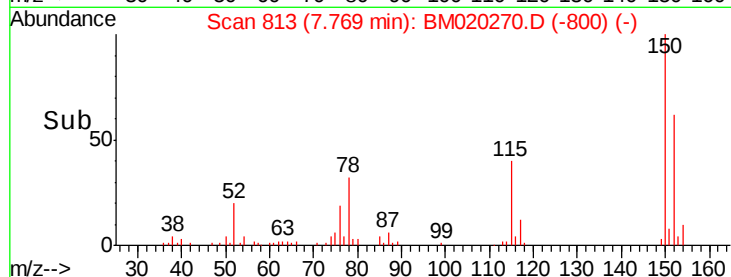
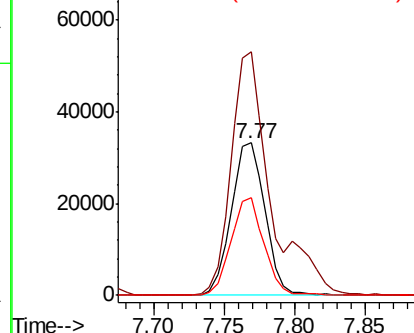


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

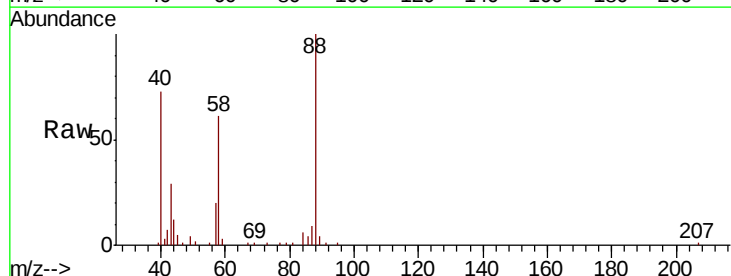
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.552 ng
RT: 3.29 min Scan# 51
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.5	51.8	77.6
43	20.7	20.3	30.5

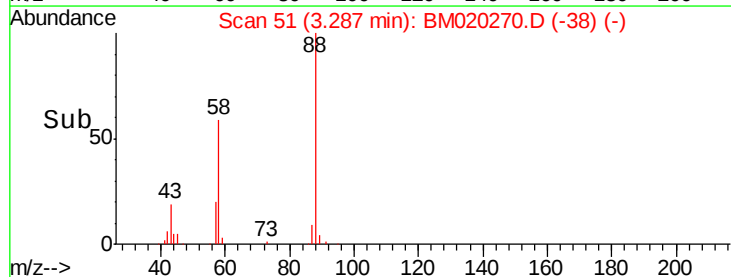
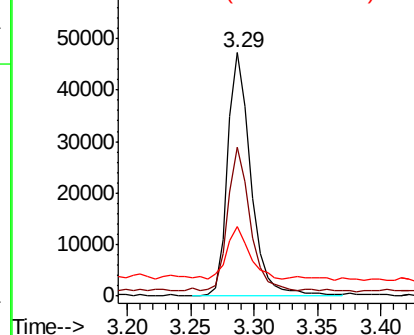


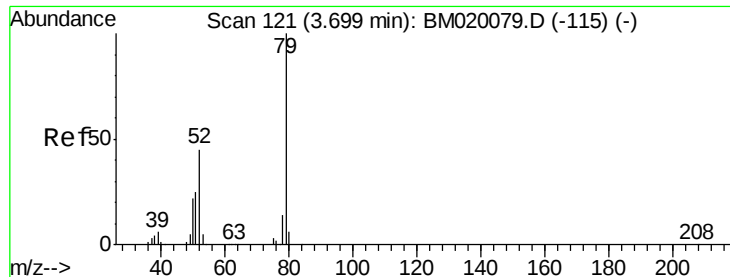
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 39.352 ng

RT: 3.68 min Scan# 118

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

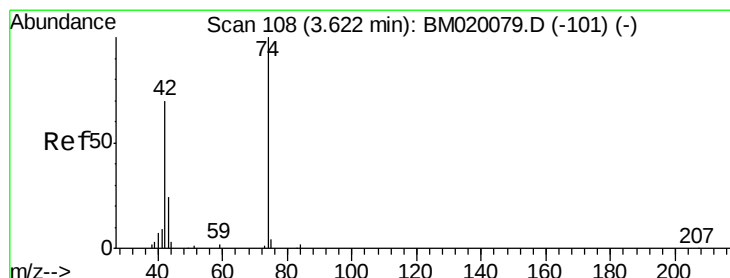
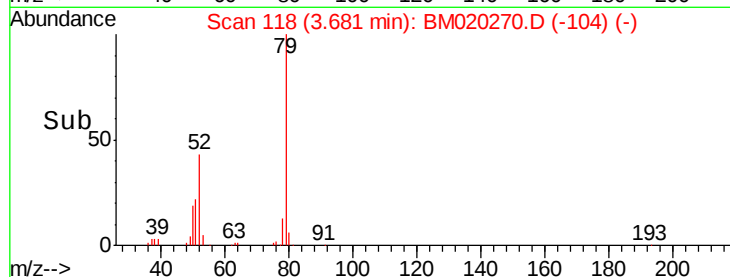
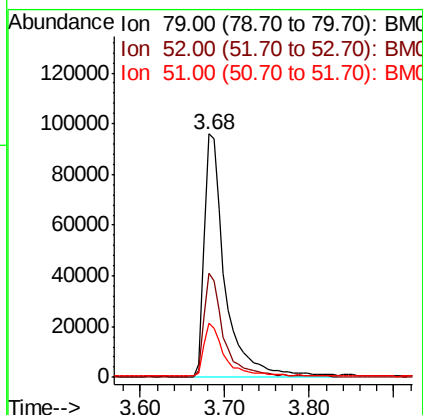
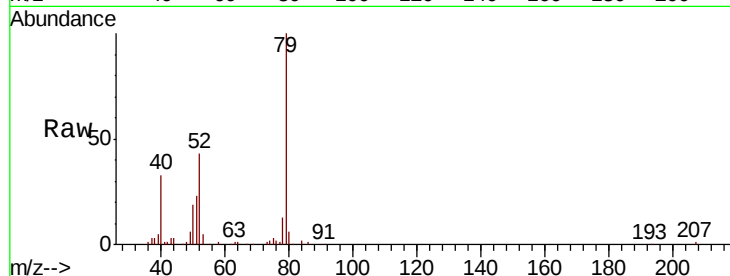
ClientSampleId :

PB119644BS

Tot Ion:	79	Resp:	166628
Ion	Ratio	Lower	Upper
79	100		
52	42.9	35.7	53.5
51	22.5	20.8	31.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM



#4

n-Nitrosodimethylamine

Concen: 36.312 ng

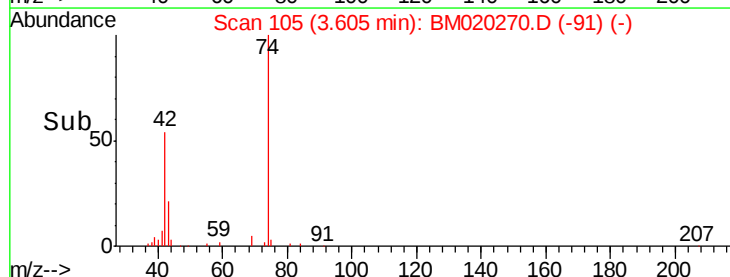
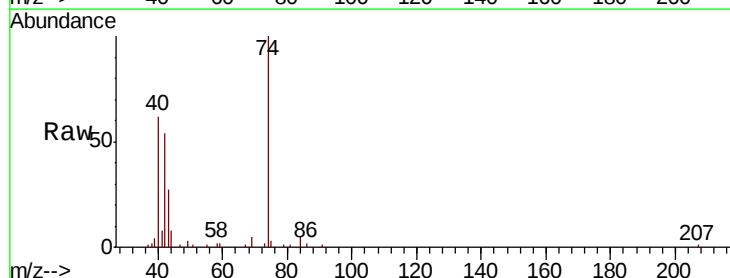
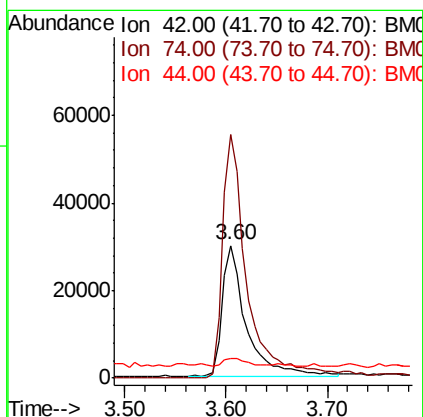
RT: 3.60 min Scan# 105

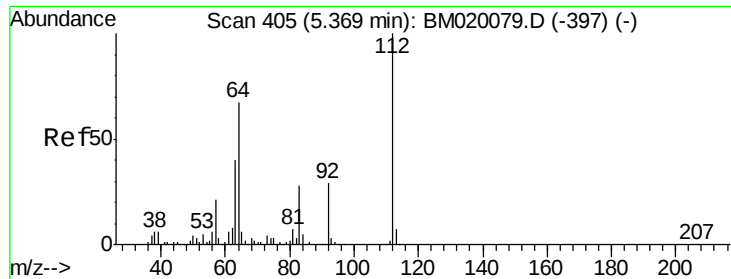
Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tgt Ion:	42	Resp:	49305
Ion	Ratio	Lower	Upper
42	100		
74	184.1	113.7	170.5#
44	14.5	3.9	5.9#





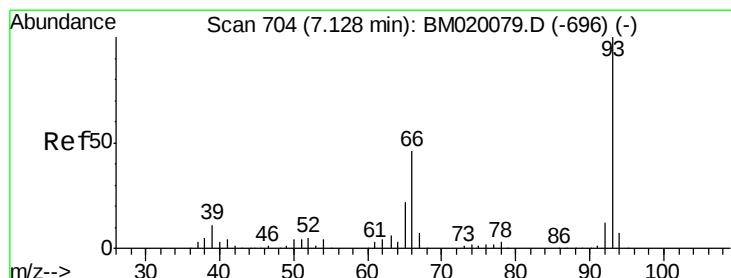
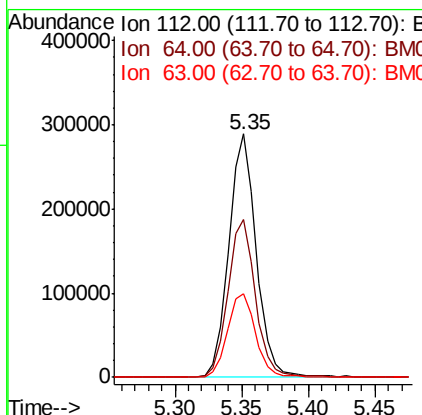
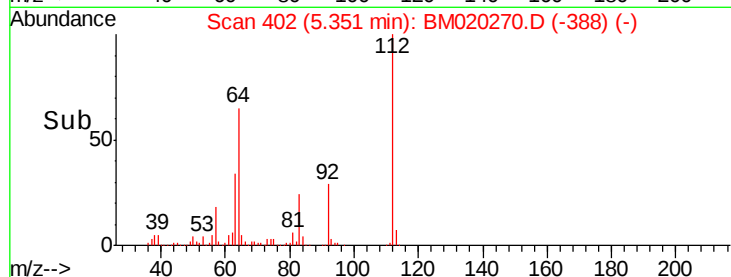
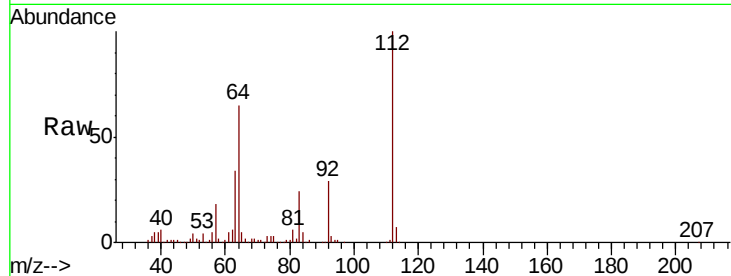
#5
2-Fluorophenol
Concen: 123.375 ng
RT: 5.35 min Scan# 402
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	416478		
64	64.8	53.8	80.6	
63	34.5	32.3	48.5	

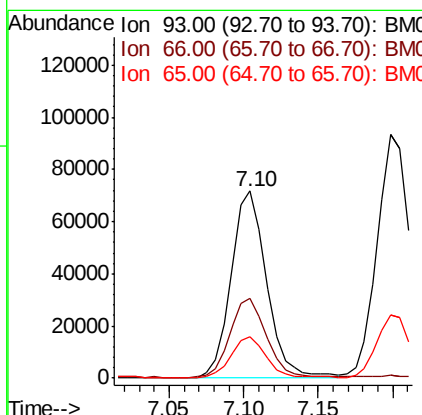
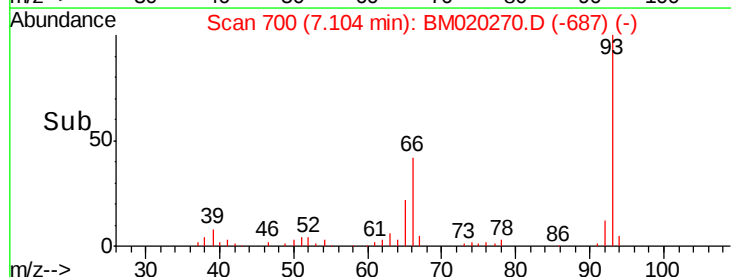
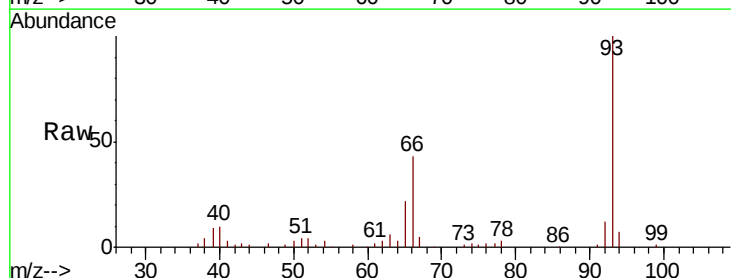
Manual Integrations
APPROVED

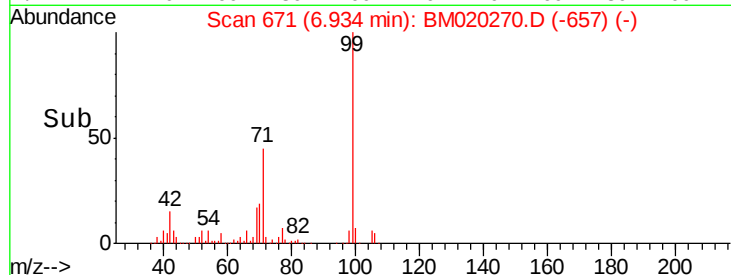
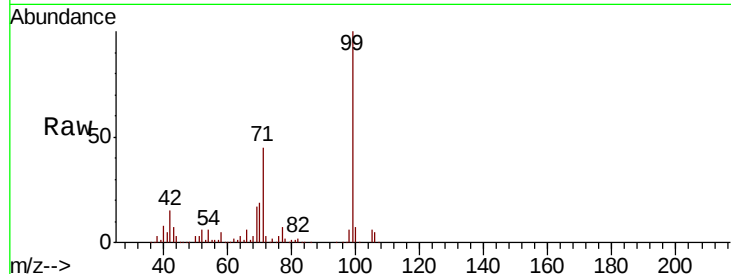
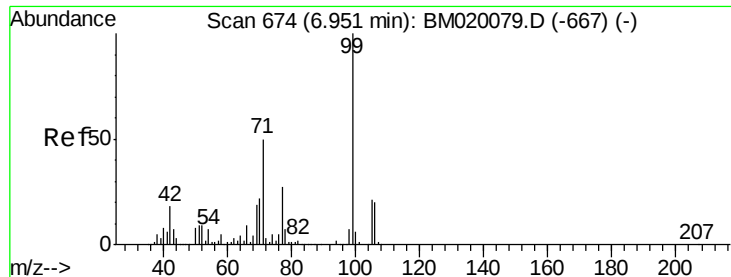
Sohil
5/14/2019 8:06:01 PM



#6
Aniline
Concen: 20.592 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	119543		
66	42.7	36.6	54.8	
65	22.3	17.8	26.6	





#7

Phenol-d6

Concen: 121.106 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tot Ion:	99	Resp:	558503
Ion Ratio	Lower	Upper	
99	100		
42	14.9	14.2	21.2
71	45.0	40.3	60.5

Instrument :

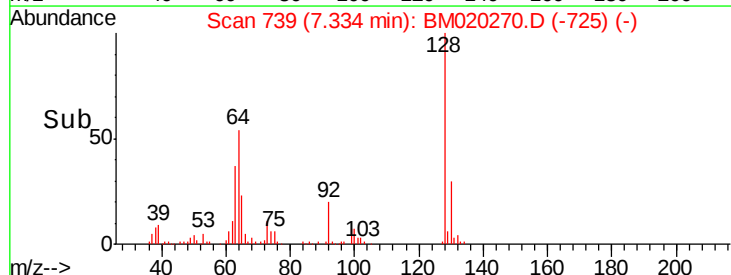
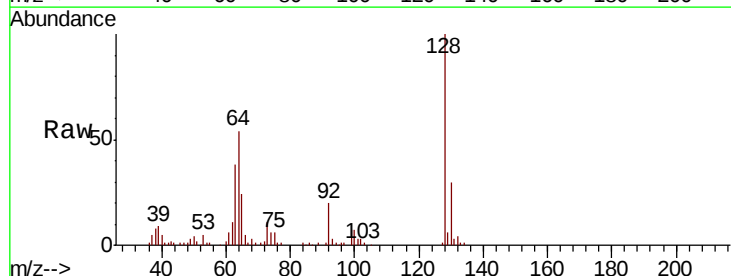
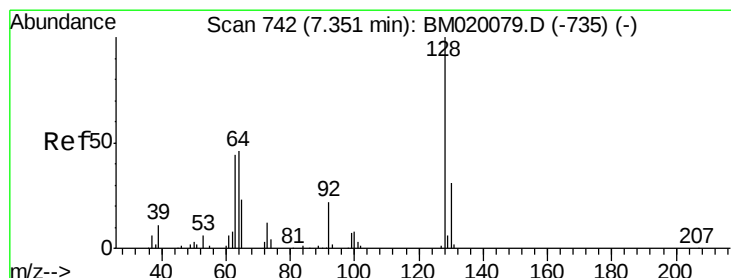
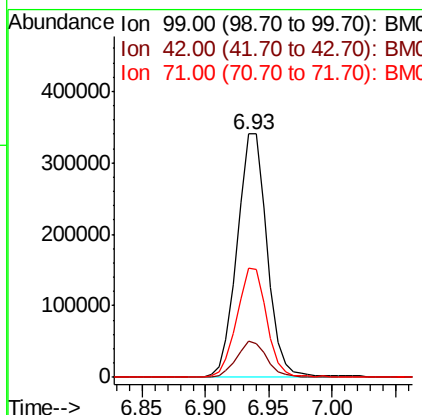
BNA_M

ClientSampleId :

PB119644BS

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM



#8

2-Chlorophenol

Concen: 39.935 ng

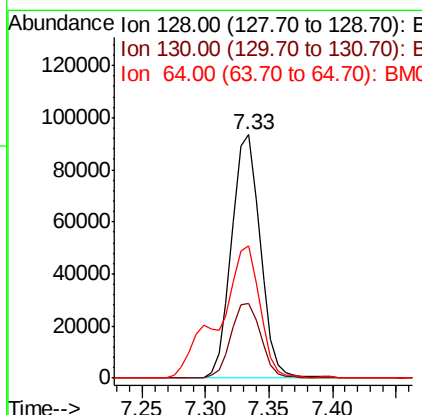
RT: 7.33 min Scan# 739

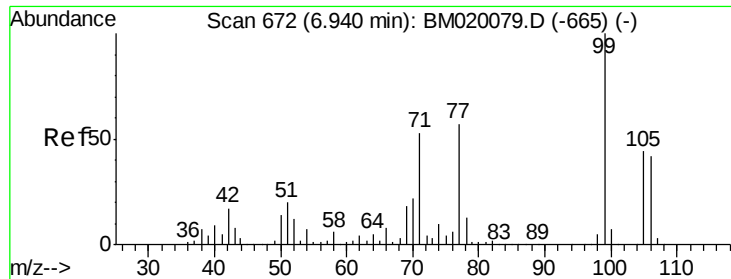
Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tgt Ion:	128	Resp:	146787
Ion Ratio	Lower	Upper	
128	100		
130	30.5	10.8	50.8
64	54.2	36.5	76.5





#9

Benzaldehyde

Concen: 23.820 ng

RT: 6.92 min Scan# 669

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

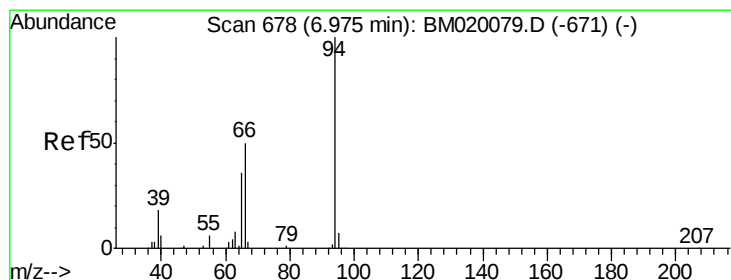
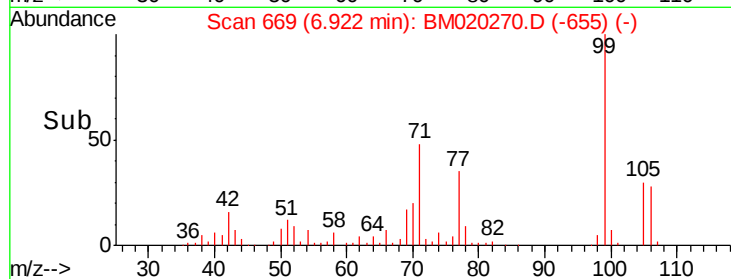
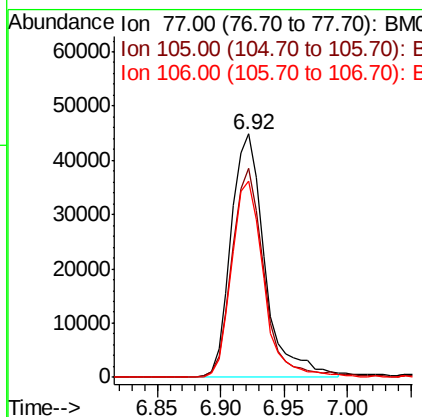
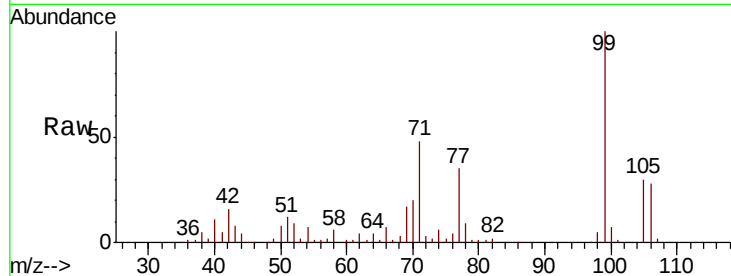
ClientSampleId :

PB119644BS

Tot Ion:	77	Resp:	83143
Ion Ratio	Lower	Upper	
77	100		
105	85.8	57.8	97.8
106	80.6	53.6	93.6

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM



#10

Phenol

Concen: 39.651 ng

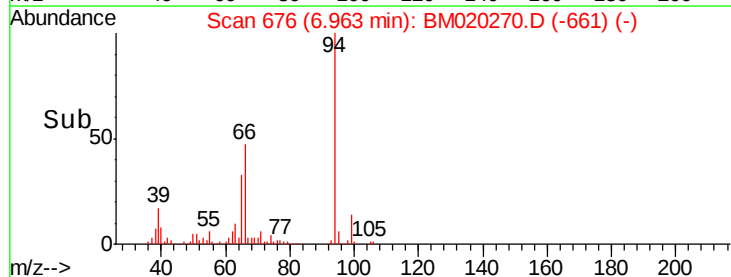
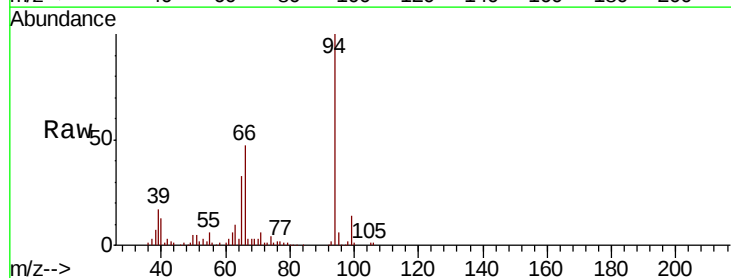
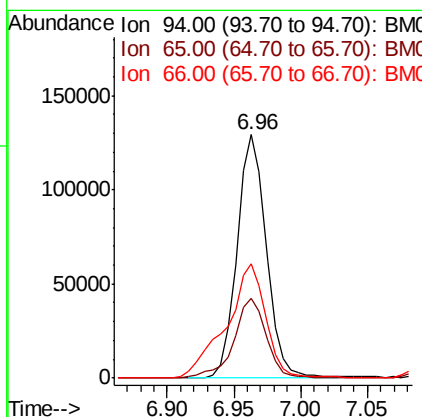
RT: 6.96 min Scan# 676

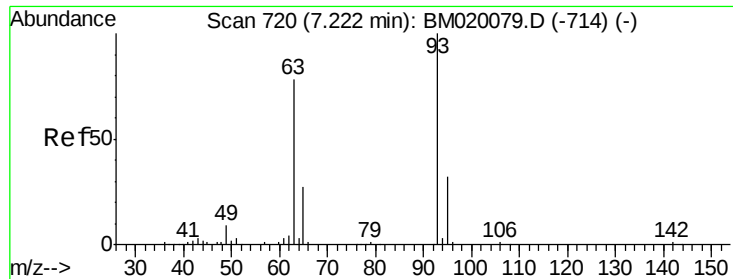
Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tgt Ion:	94	Resp:	196854
Ion Ratio	Lower	Upper	
94	100		
65	33.0	17.0	57.0
66	46.8	34.5	74.5





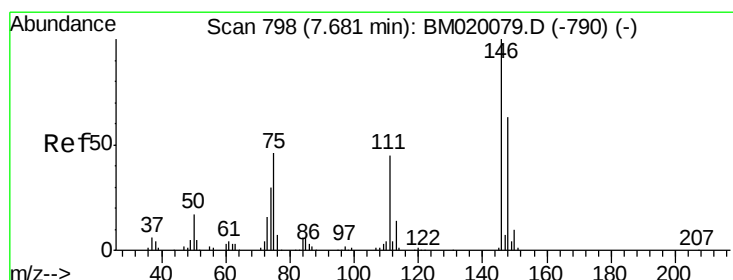
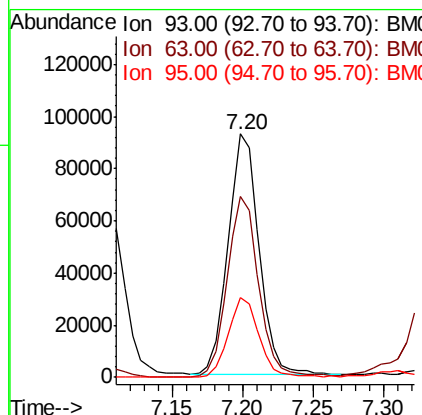
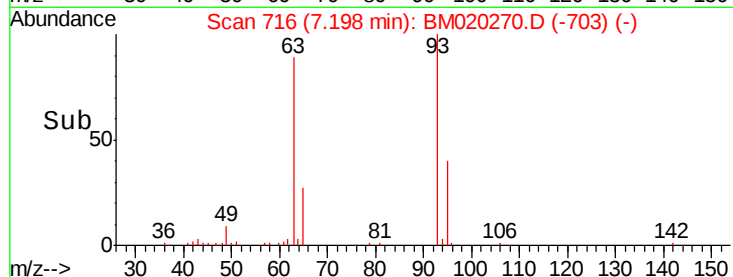
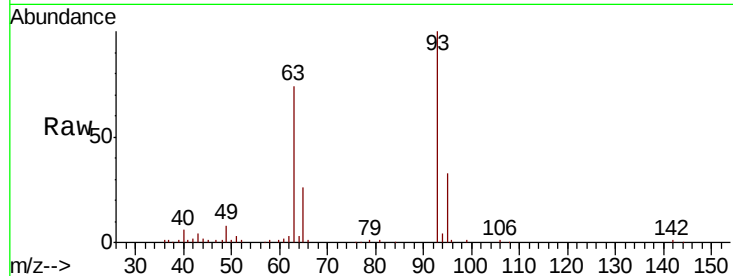
#11
bis(2-Chloroethyl)ether
Concen: 38.913 ng
RT: 7.20 min Scan# 716
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion:	93	Resp:	140413
Ion	Ratio	Lower	Upper
93	100		
63	74.5	57.9	97.9
95	32.9	11.3	51.3

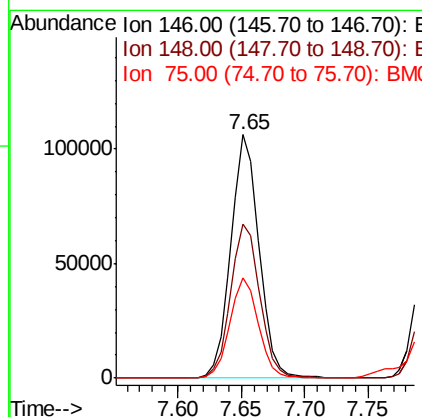
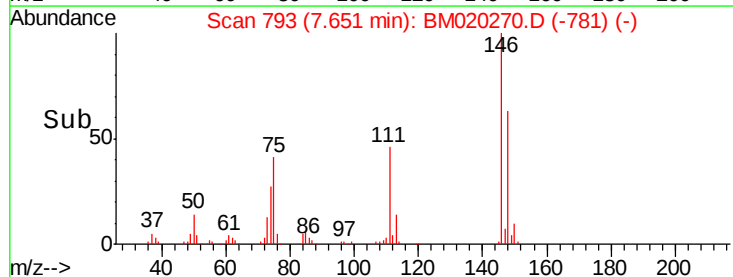
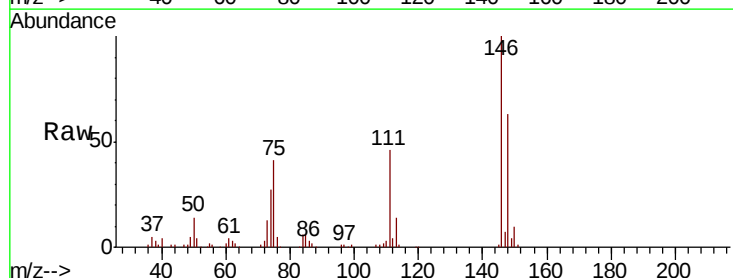
Manual Integrations
APPROVED

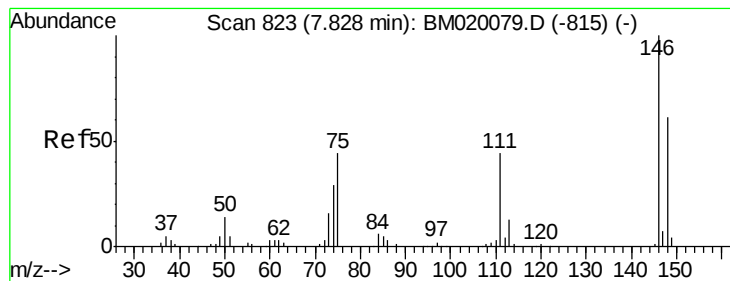
Sohil
5/14/2019 8:06:01 PM



#12
1,3-Dichlorobenzene
Concen: 38.124 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.03 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion:	146	Resp:	163038
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.1	75.1
75	41.2	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 38.341 ng

RT: 7.80 min Scan# 819

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

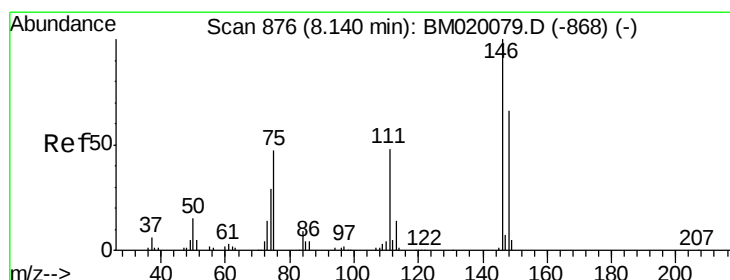
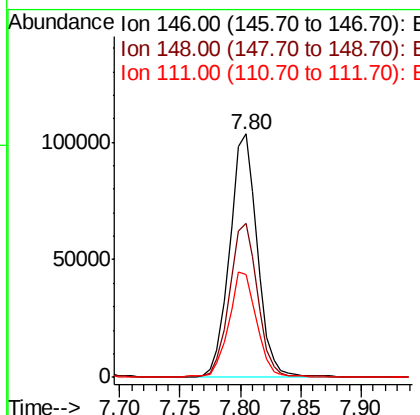
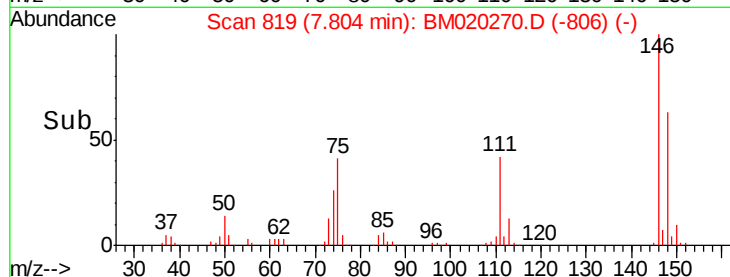
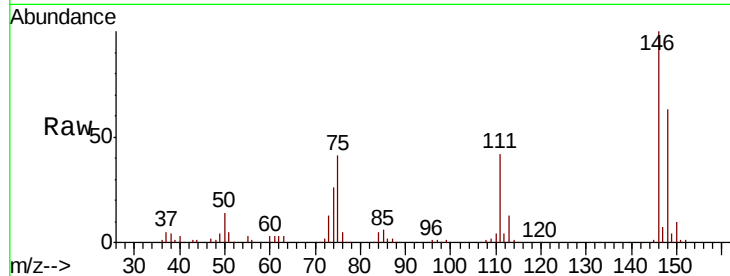
ClientSampled :

PB119644BS

Tot Ion:	146	Resp:	165638
Ion Ratio	Lower	Upper	
146	100		
148	63.4	48.5	72.7
111	42.5	35.7	53.5

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM



#14

1,2-Dichlorobenzene

Concen: 38.539 ng

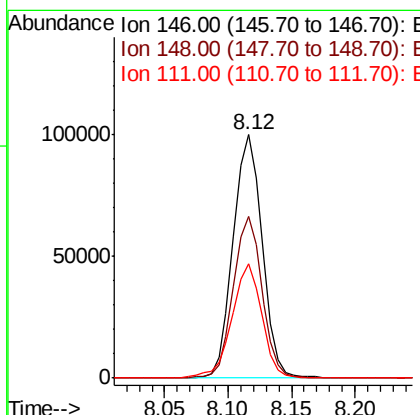
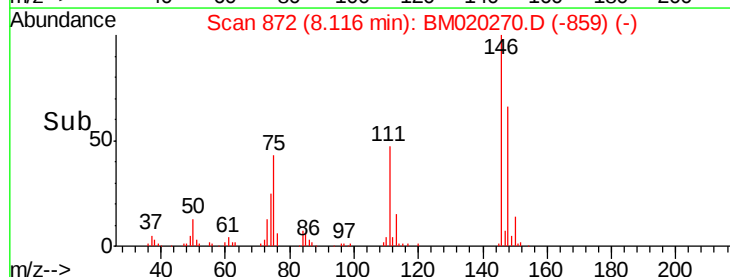
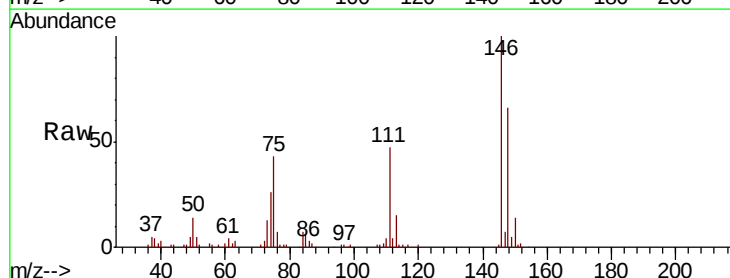
RT: 8.12 min Scan# 872

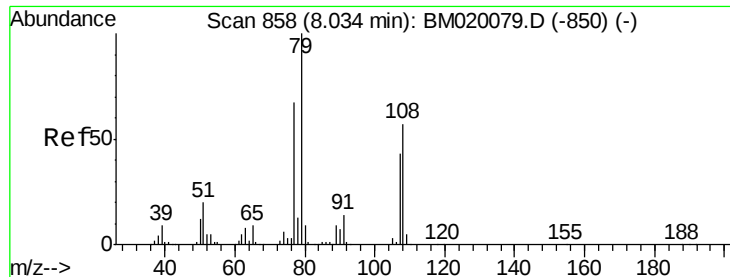
Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tgt Ion:	146	Resp:	158621
Ion Ratio	Lower	Upper	
146	100		
148	66.4	52.6	79.0
111	47.1	39.0	58.4





#15

Benzyl Alcohol

Concen: 34.006 ng

RT: 8.01 min Scan# 854

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

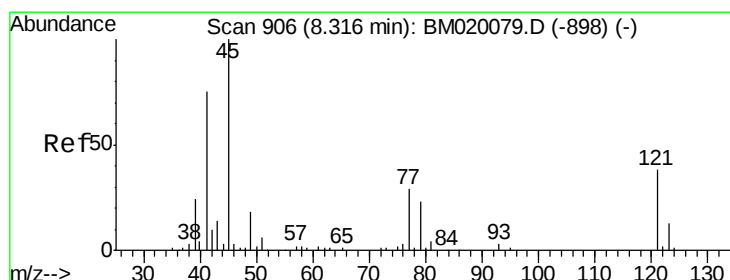
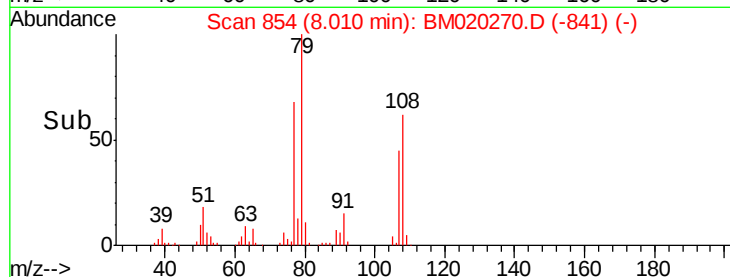
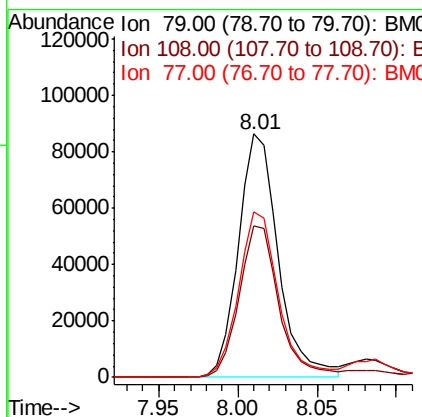
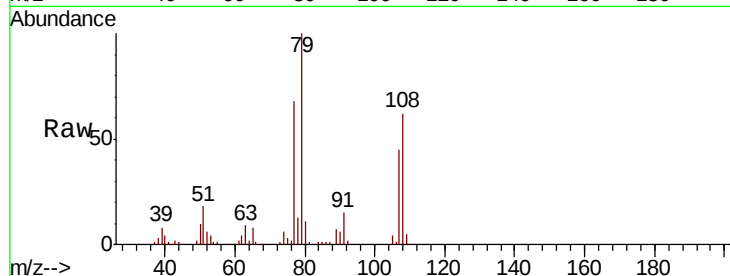
ClientSampleId :

PB119644BS

Tot Ion:	79	Resp:	151223
Ion	Ratio	Lower	Upper
79	100		
108	62.2	46.0	69.0
77	68.1	53.8	80.6

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.569 ng

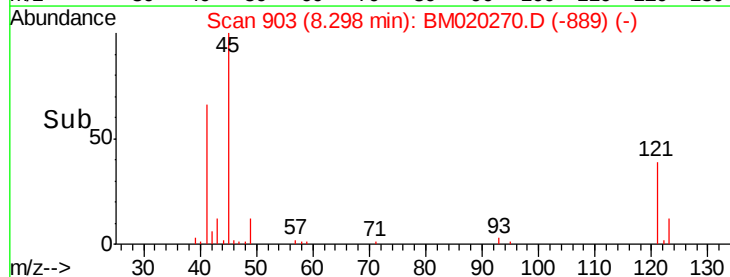
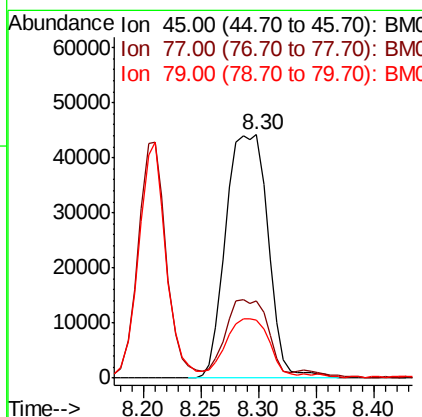
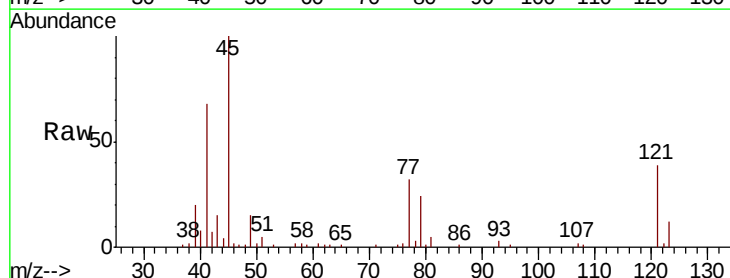
RT: 8.30 min Scan# 903

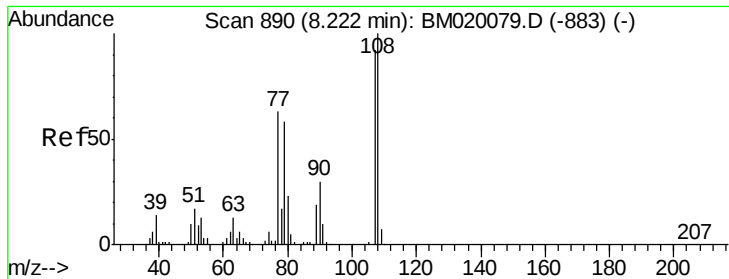
Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tgt Ion:	45	Resp:	112409
Ion	Ratio	Lower	Upper
45	100		
77	31.8	10.5	50.5
79	24.1	3.3	43.3





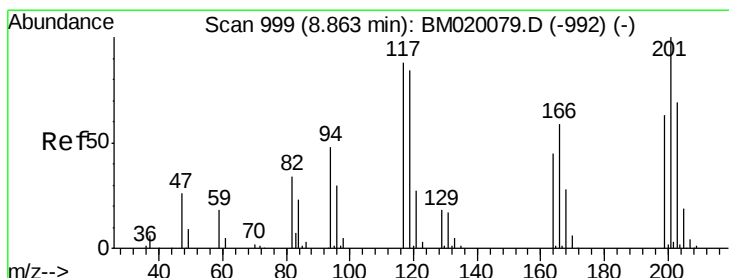
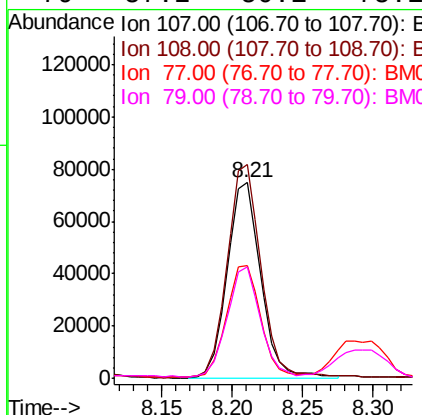
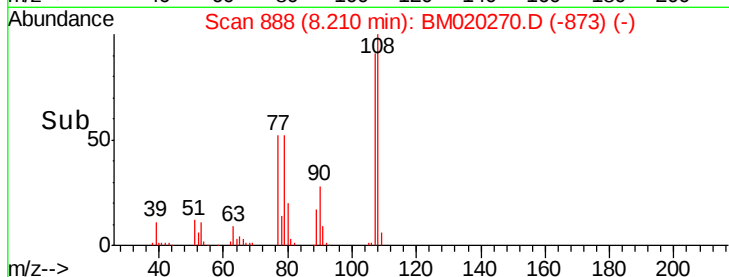
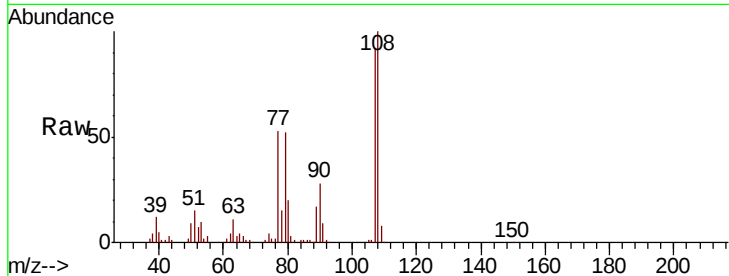
#17
2-Methylphenol
Concen: 38.995 ng
RT: 8.21 min Scan# 888
Delta R.T. -0.01 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.2	87.0	130.4	
77	57.4	54.7	82.1	
79	57.2	50.1	75.1	

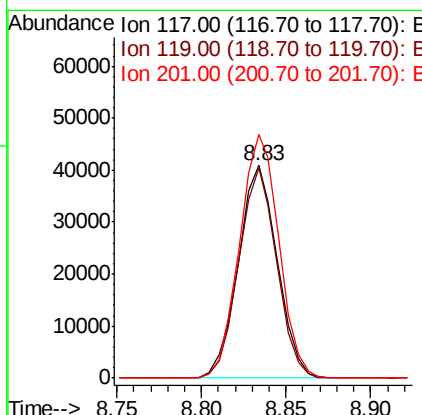
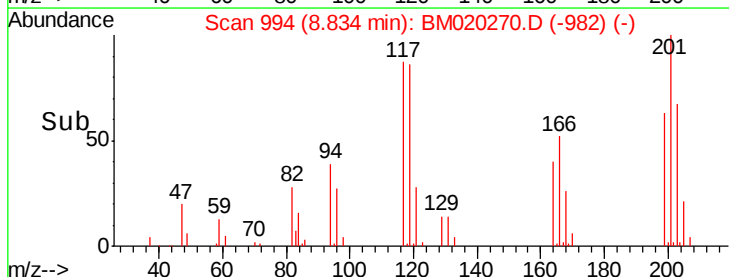
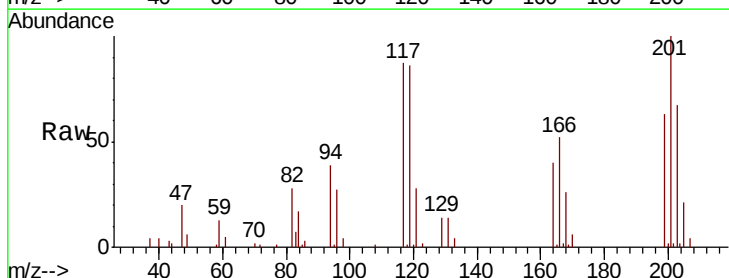
Manual Integrations
APPROVED

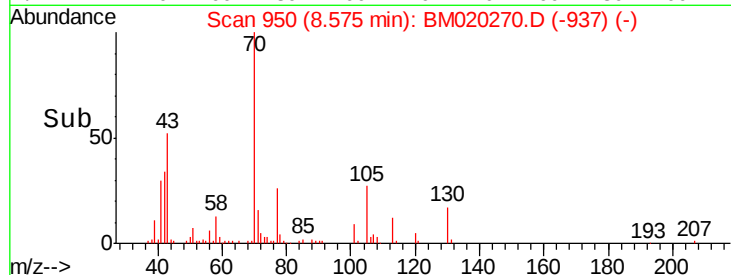
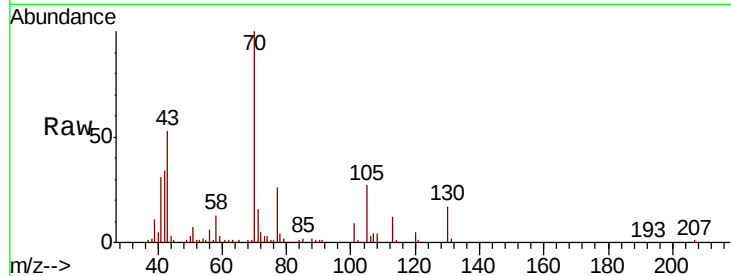
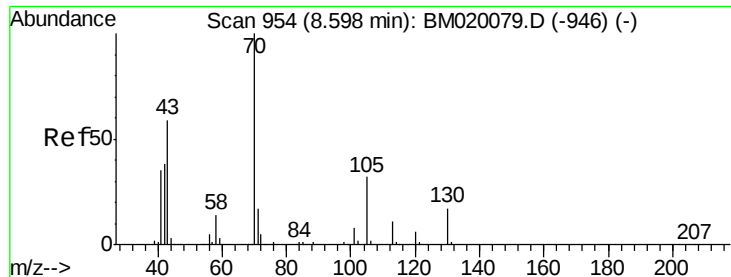
Sohil
5/14/2019 8:06:01 PM



#18
Hexachloroethane
Concen: 36.357 ng
RT: 8.83 min Scan# 994
Delta R.T. -0.03 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.9	76.6	114.8	
201	114.6	90.7	136.1	





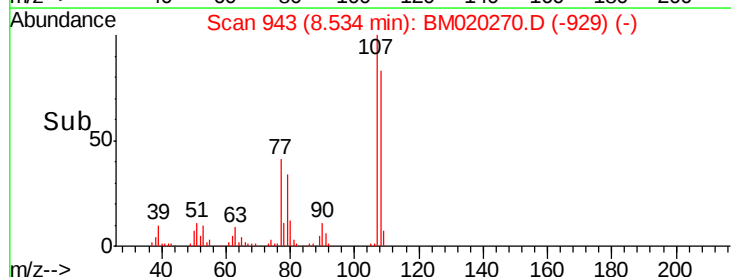
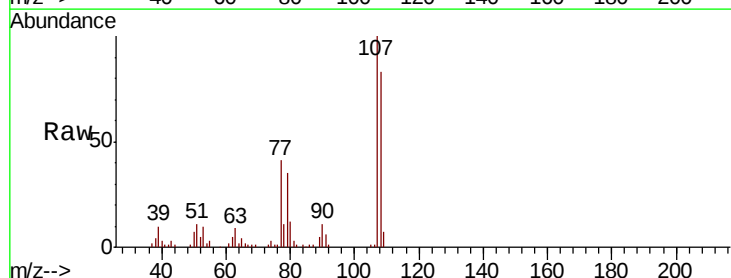
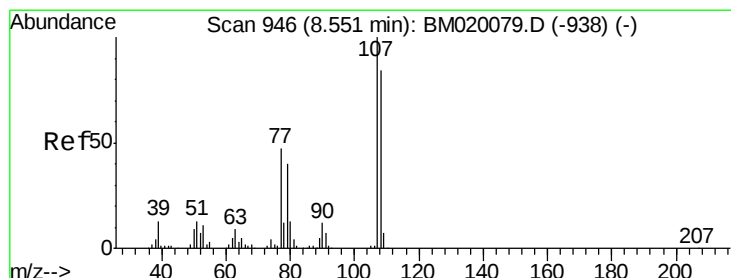
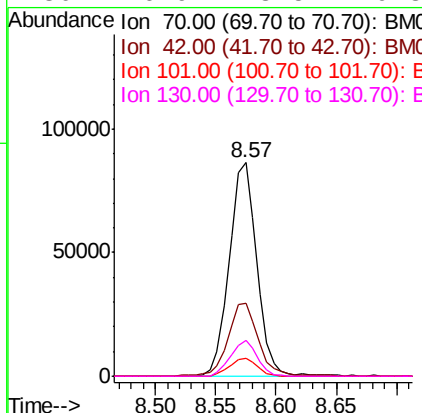
#19
n-Nitroso-di-n-propylamine
Concen: 34.838 ng
RT: 8.57 min Scan# 950
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		137455		
42	34.0	31.0	46.4		
101	8.6	6.2	9.2		
130	16.9	13.5	20.3		

Instrument :
BNA_M
ClientSampled :
PB119644BS

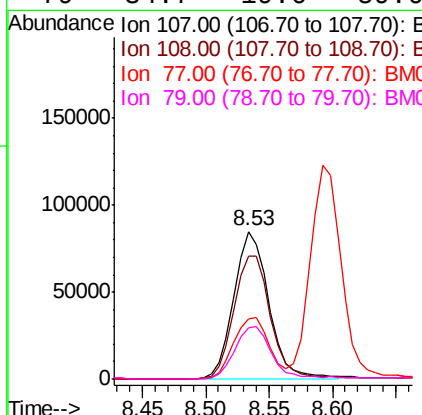
Manual Integrations
APPROVED

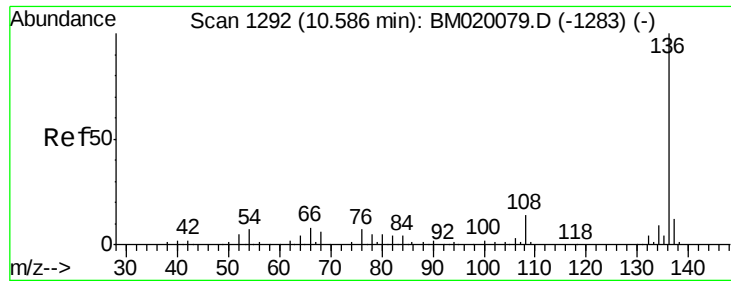
Sohil
5/14/2019 8:06:01 PM



#20
3+4-Methylphenols
Concen: 38.456 ng
RT: 8.53 min Scan# 943
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		163342		
108	83.4	64.4	104.4		
77	41.0	27.2	67.2		
79	34.7	19.6	59.6		





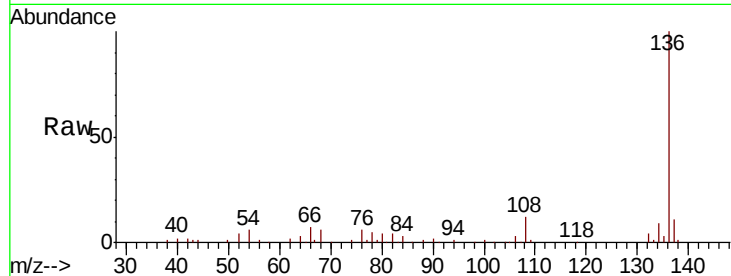
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	197079		
137	10.9		9.6	14.4
54	6.4		5.5	8.3
68	6.3		4.6	6.8

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM



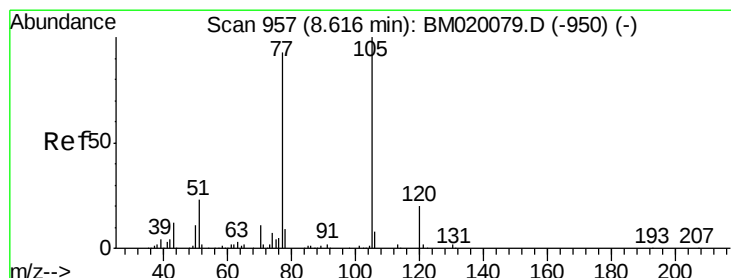
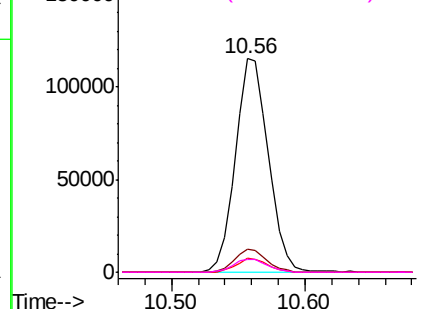
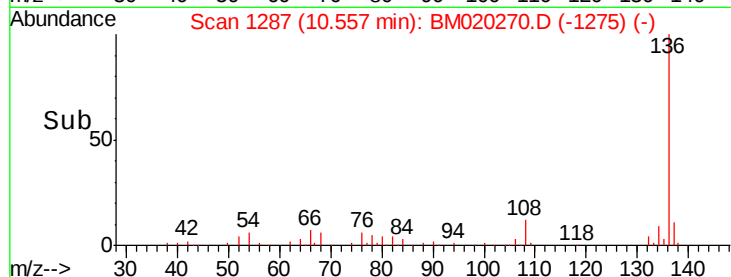
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

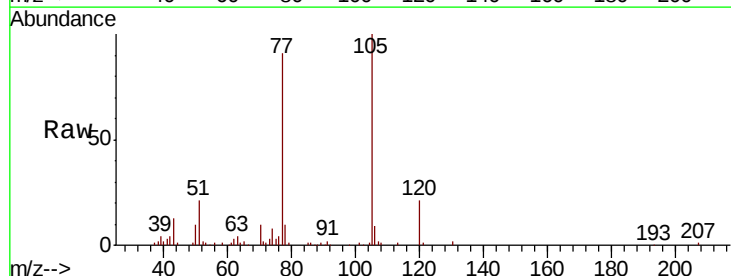
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 41.685 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	224522		
71	1.6		2.2	3.2#
51	20.5		19.3	28.9
120	20.9		16.2	24.4



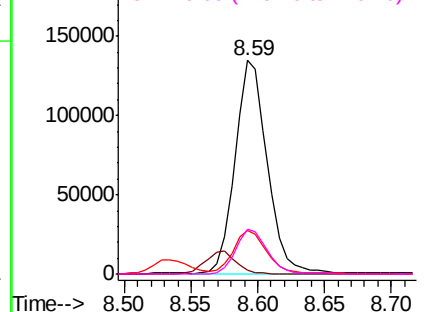
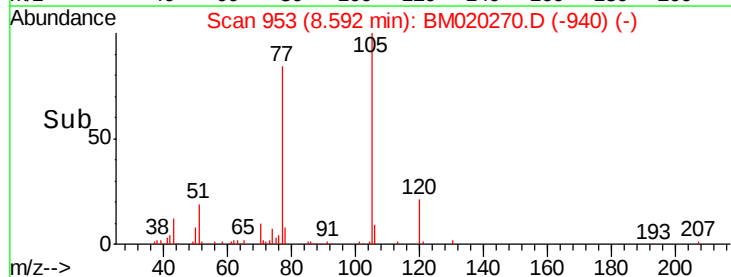
Abundance

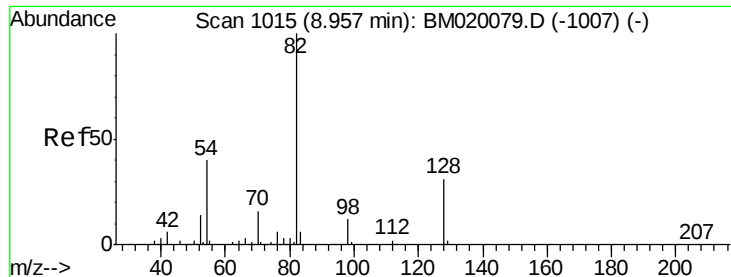
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





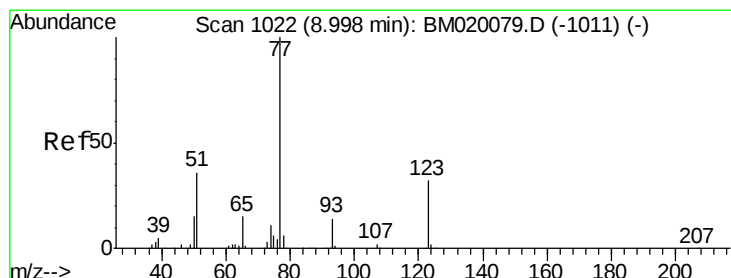
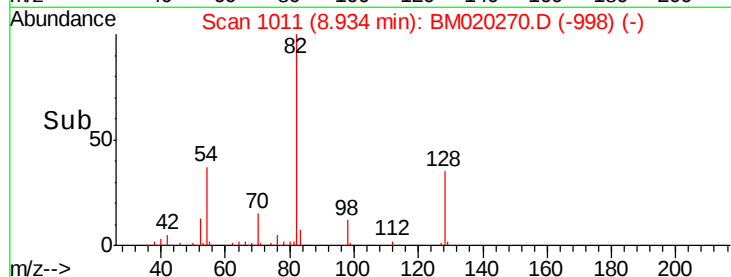
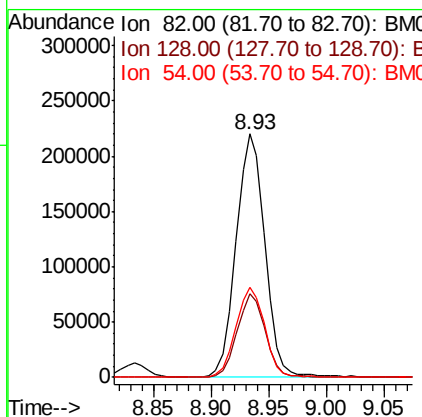
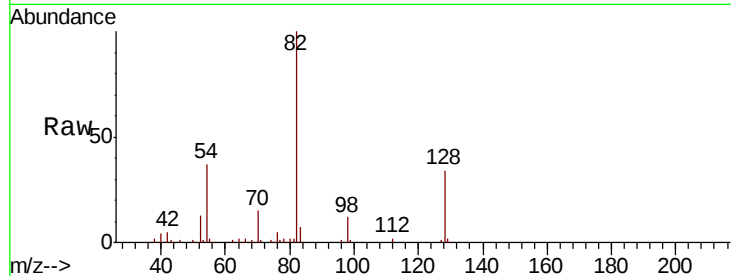
#23
 Nitrobenzene-d5
 Concen: 76.291 ng
 RT: 8.93 min Scan# 1011
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampled :
 PB119644BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.5	25.2	37.8	
54	37.2	31.9	47.9	

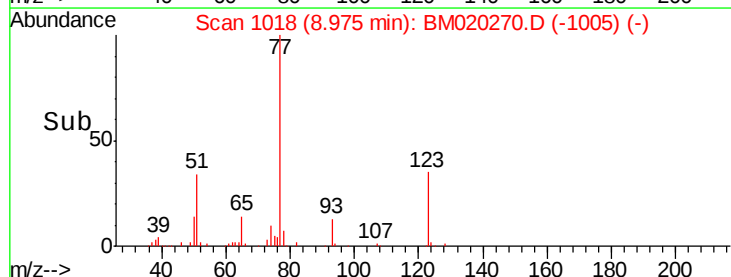
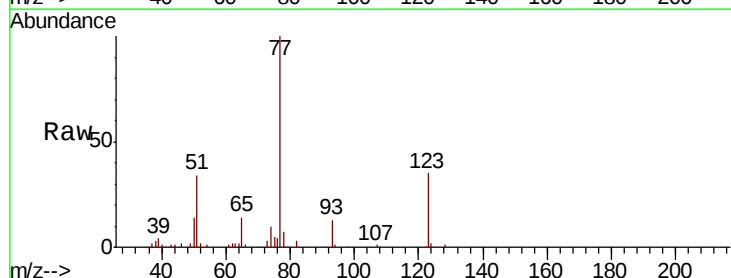
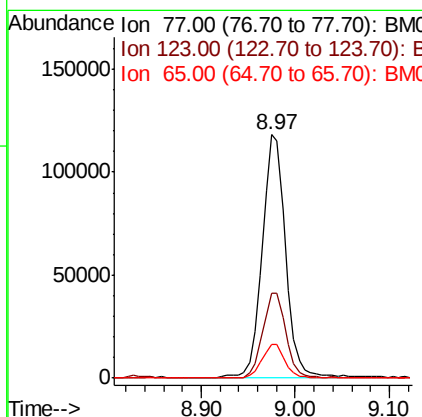
Manual Integrations
 APPROVED

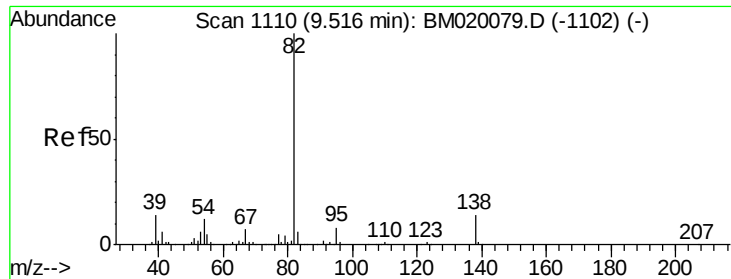
Sohil
 5/14/2019 8:06:01 PM



#24
 Nitrobenzene
 Concen: 39.473 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	34.9	25.5	38.3	
65	14.1	11.8	17.6	





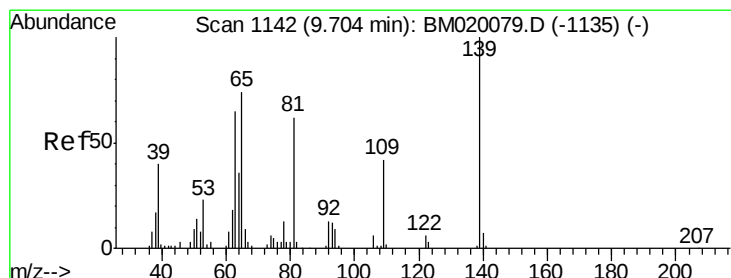
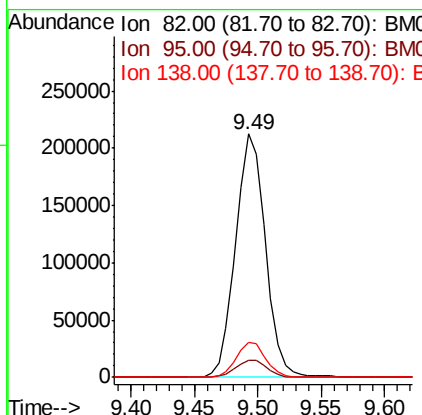
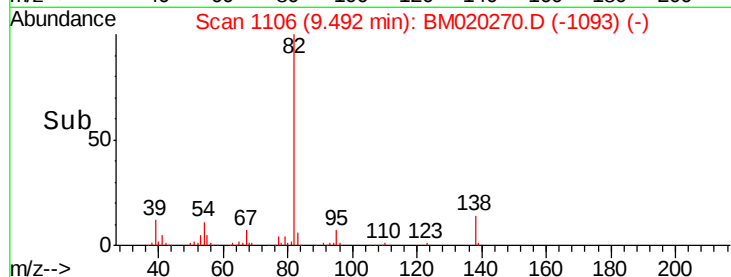
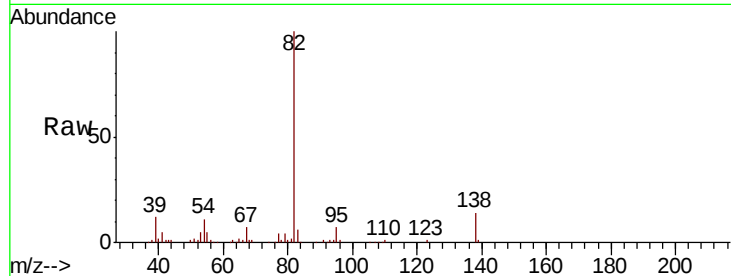
#25
Isophorone
Concen: 40.321 ng
RT: 9.49 min Scan# 1106
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	347099		
95	7.3		6.4	9.6
138	14.4		11.1	16.7

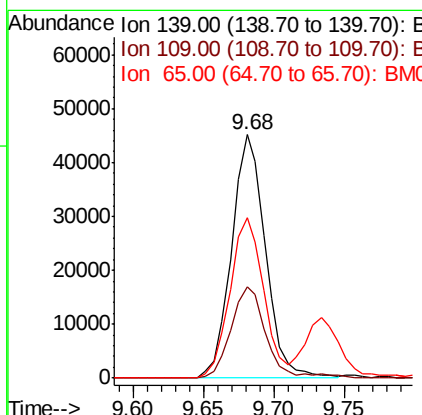
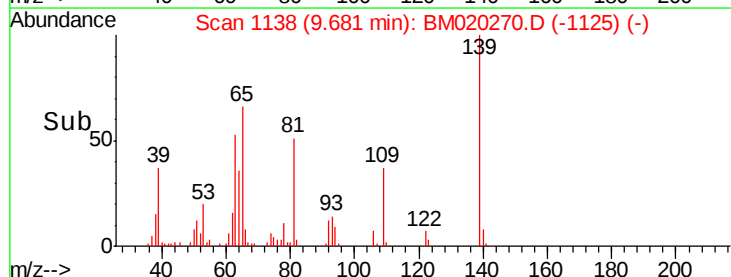
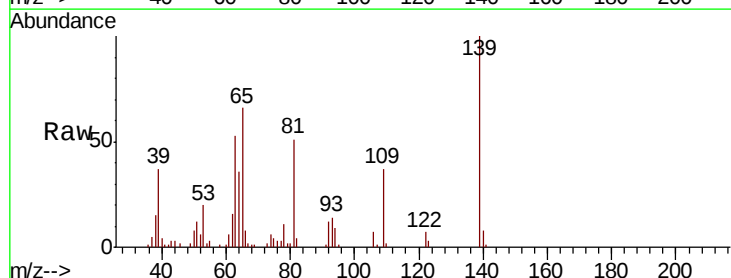
Manual Integrations
APPROVED

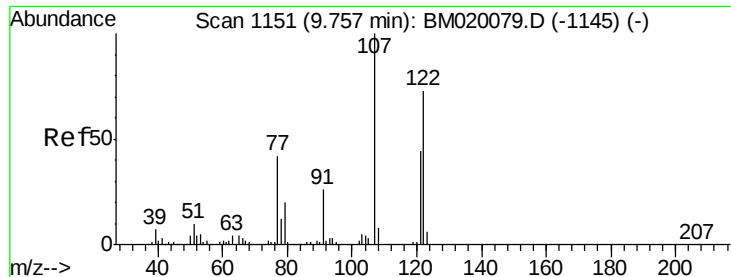
Sohil
5/14/2019 8:06:01 PM



#26
2-Nitrophenol
Concen: 48.333 ng
RT: 9.68 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	75522		
109	37.3		33.7	50.5
65	65.8		59.5	89.3





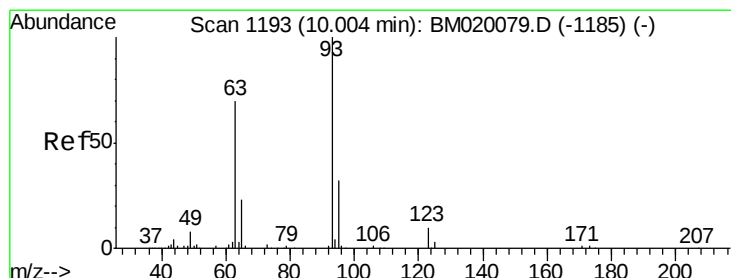
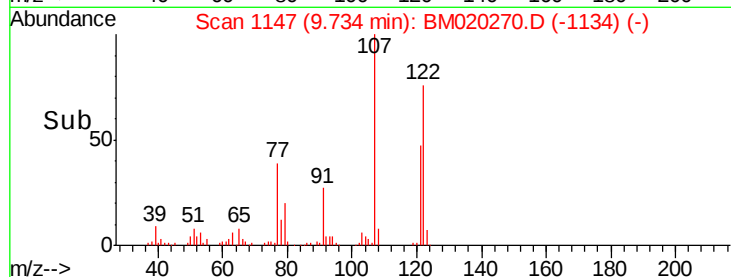
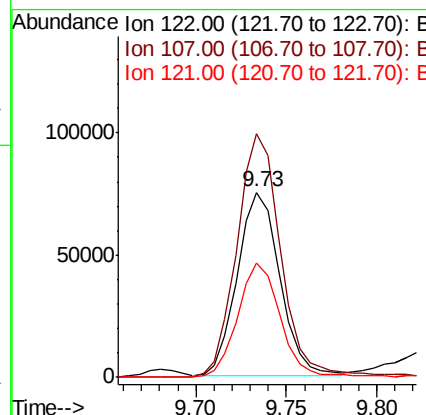
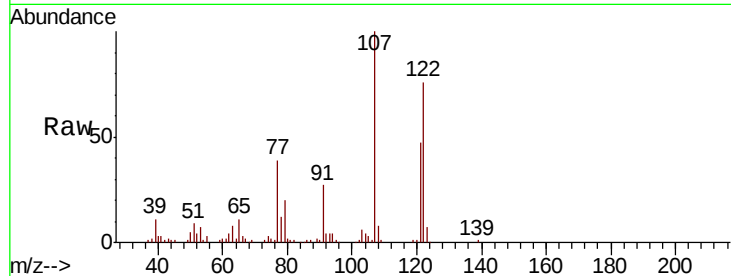
#27
2,4-Dimethylphenol
Concen: 47.041 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampled :
PB119644BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.4	108.6	162.8
121	61.4	47.4	71.2

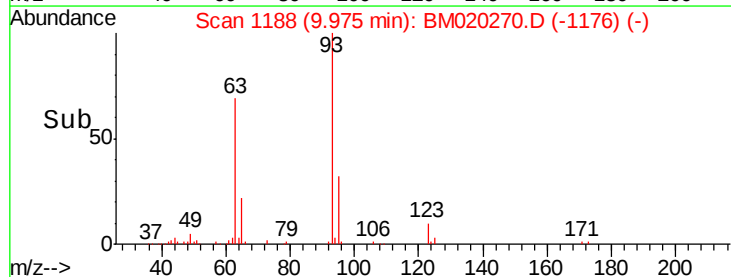
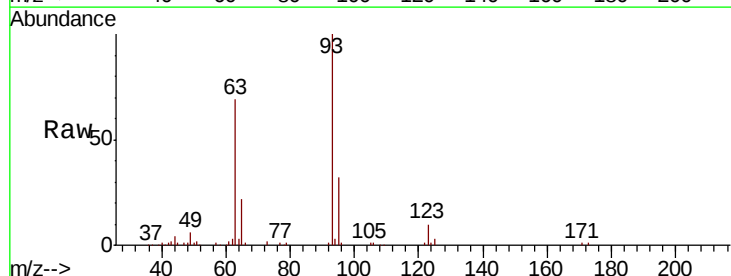
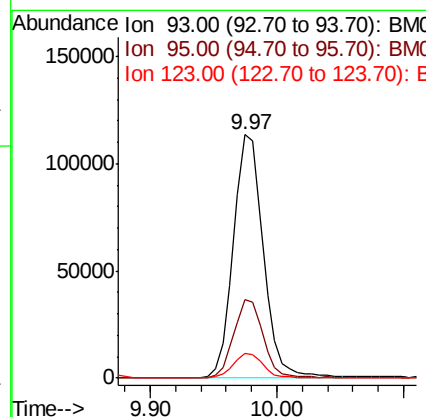
Manual Integrations
APPROVED

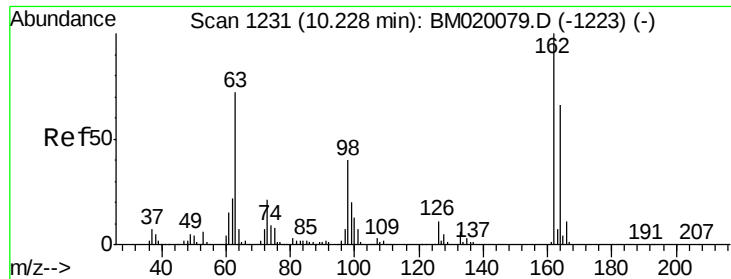
Sohil
5/14/2019 8:06:01 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.773 ng
RT: 9.97 min Scan# 1188
Delta R.T. -0.03 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	9.9	7.6	11.4





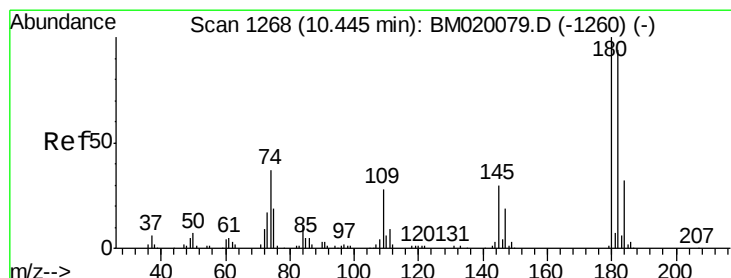
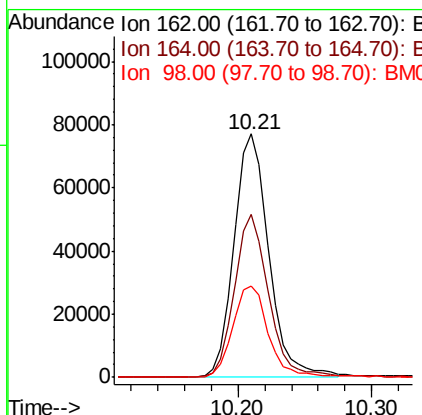
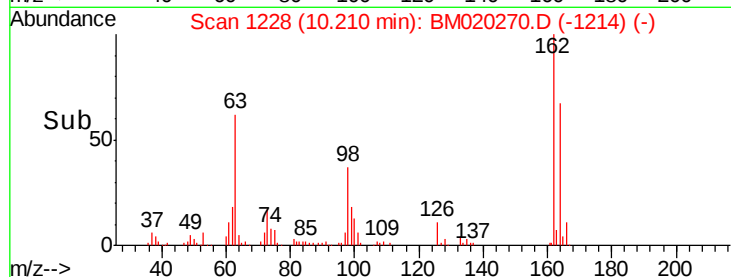
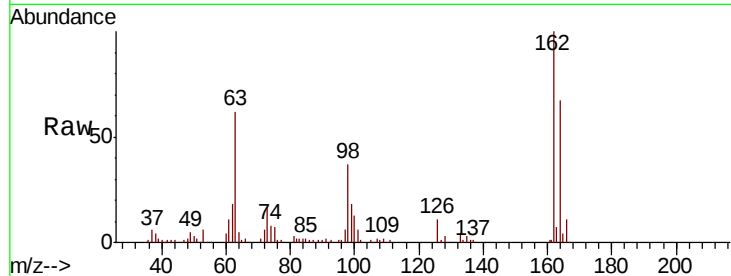
#29
 2,4-Dichlorophenol
 Concen: 42.569 ng
 RT: 10.21 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampled :
 PB119644BS

Tot Ion:	162	Resp:	139638
Ion Ratio	Lower	Upper	
162	100		
164	67.2	45.6	85.6
98	37.5	20.4	60.4

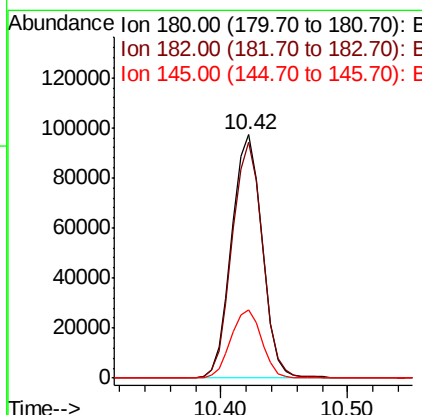
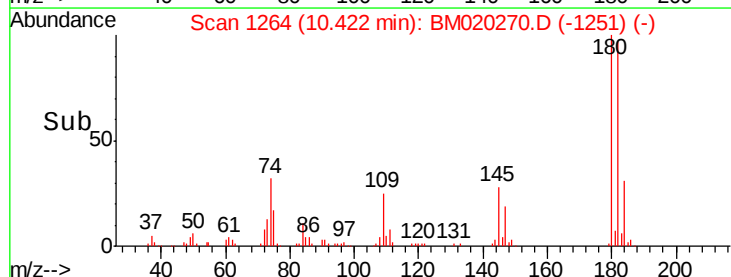
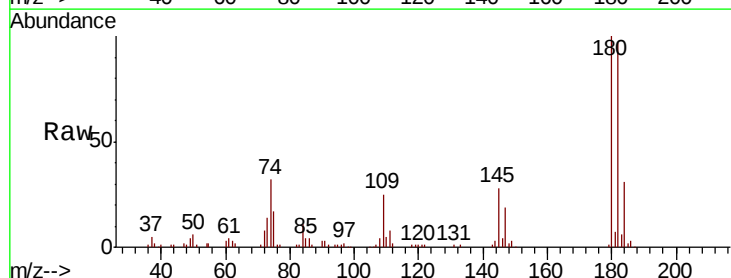
Manual Integrations
 APPROVED

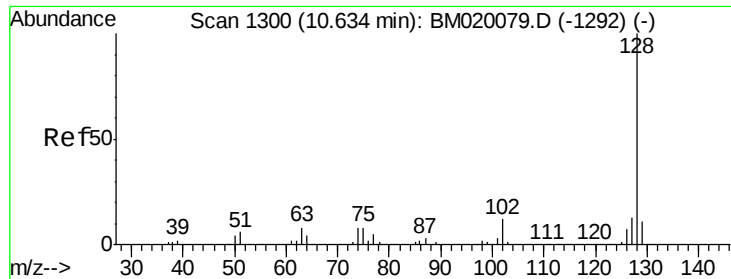
Sohil
 5/14/2019 8:06:01 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.262 ng
 RT: 10.42 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion:	180	Resp:	162509
Ion Ratio	Lower	Upper	
180	100		
182	96.9	75.4	113.0
145	28.2	23.8	35.8





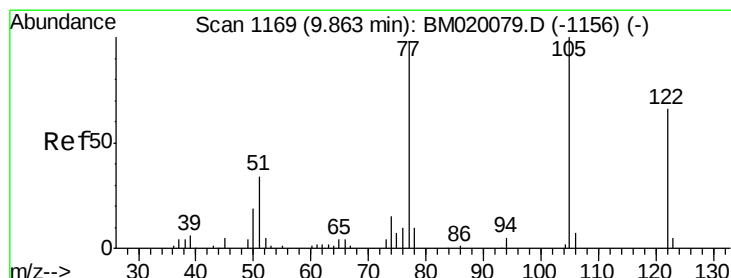
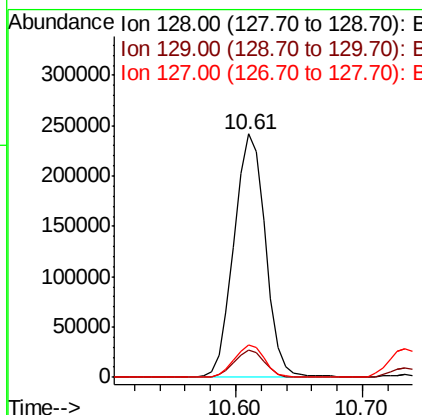
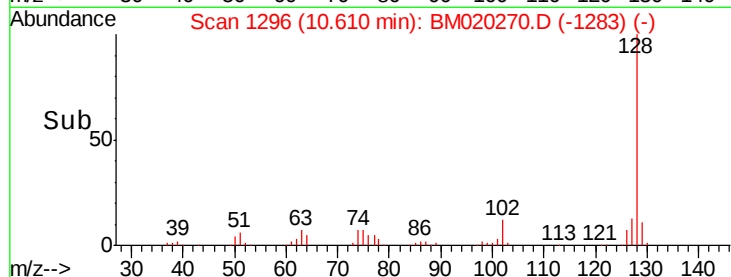
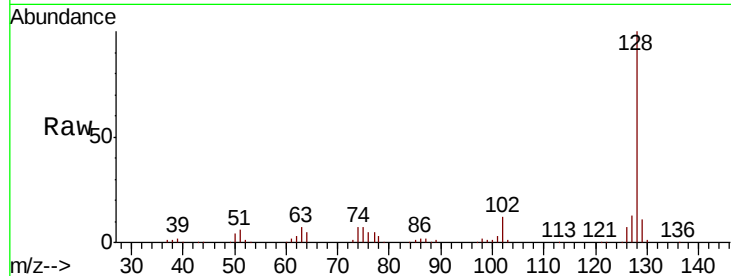
#31
Naphthalene
Concen: 40.617 ng
RT: 10.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.5	10.4	15.6

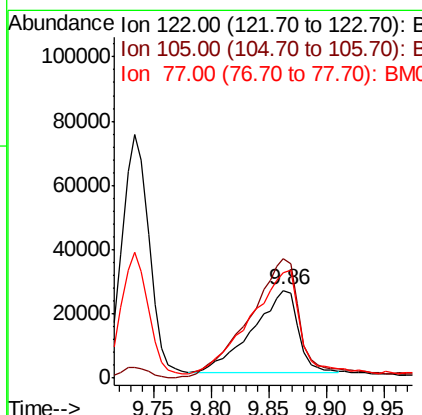
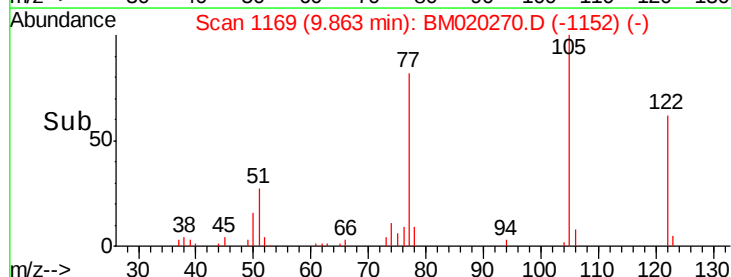
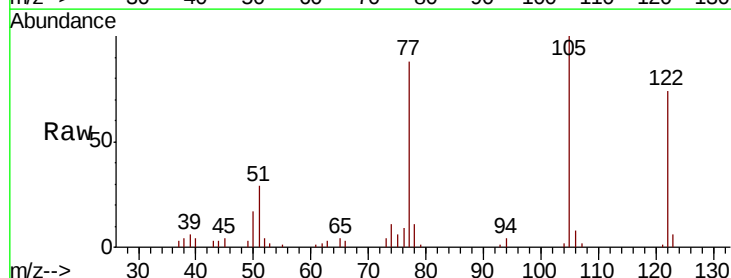
Manual Integrations
APPROVED

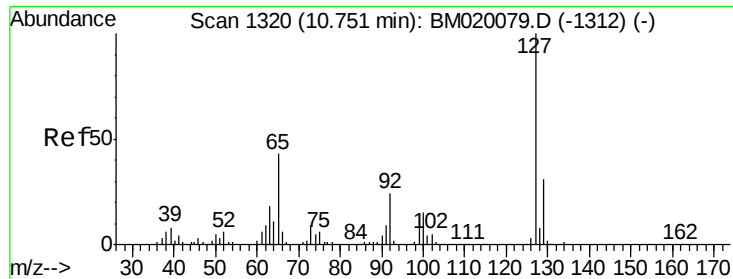
Sohil
5/14/2019 8:06:01 PM



#32
Benzoic acid
Concen: 39.343 ng
RT: 9.86 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.8	122.5	162.5
77	120.1	123.3	163.3





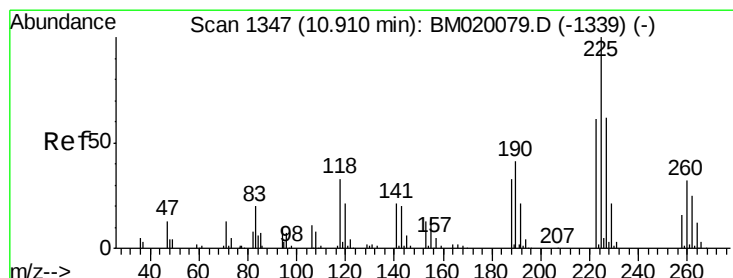
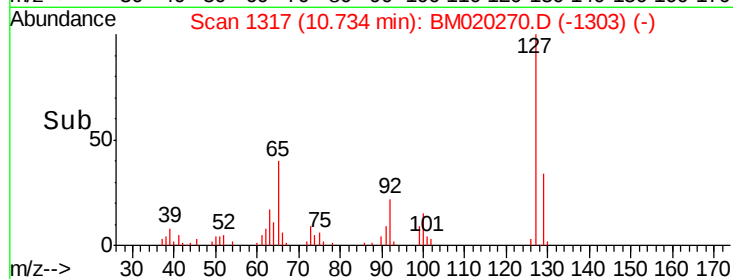
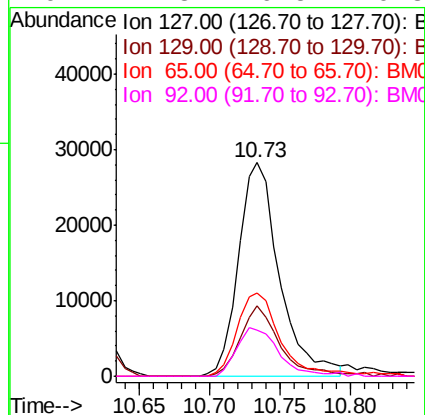
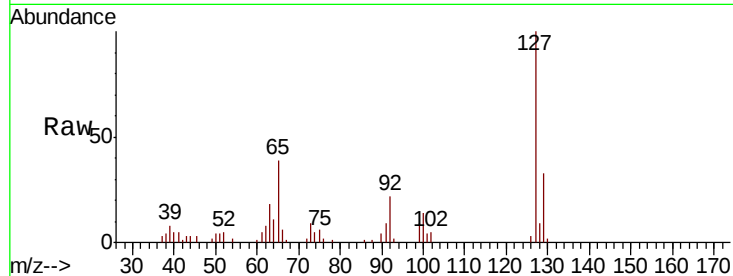
#33
4-Chloroaniline
Concen: 13.652 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.7	37.1
65	39.0	34.6	52.0
92	21.8	19.5	29.3

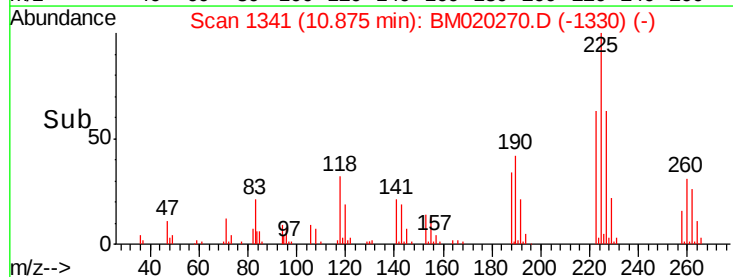
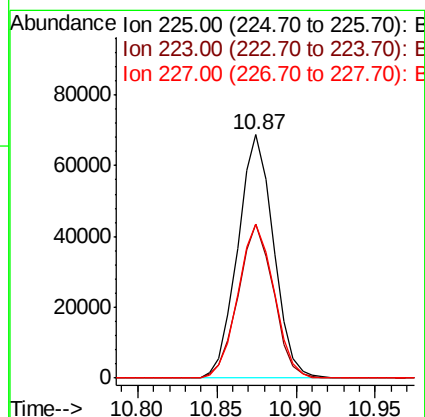
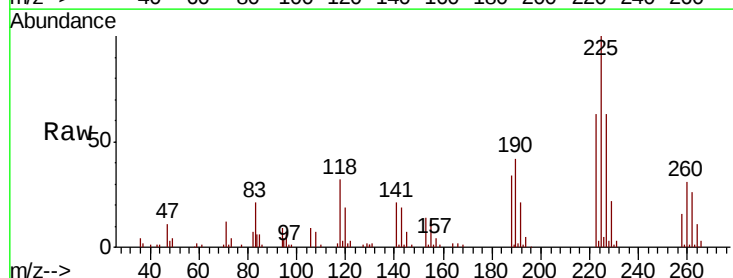
Manual Integrations
APPROVED

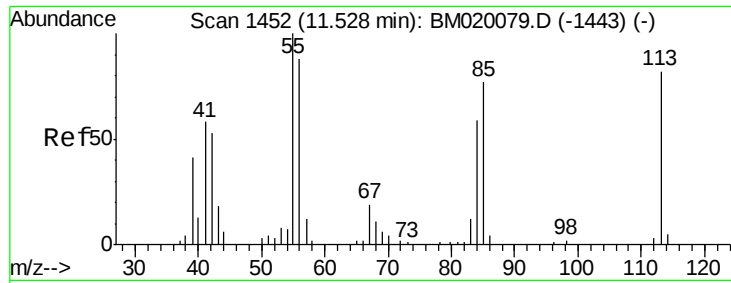
Sohil
5/14/2019 8:06:01 PM



#34
Hexachlorobutadiene
Concen: 37.688 ng
RT: 10.87 min Scan# 1341
Delta R.T. -0.04 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.9	73.3
227	63.1	49.6	74.4





#35

Caprolactam

Concen: 44.302 ng/ml

RT: 11.53 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

ClientSampleId :

PB119644BS

Tot Ion:113 Resp: 43454

Ion Ratio Lower Upper

113 100

55 126.6 102.5 142.5

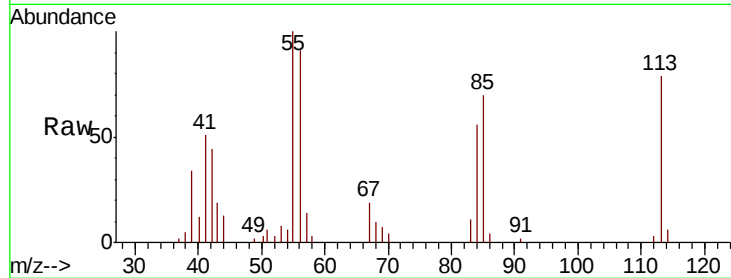
56 114.9 87.7 127.7

Manual Integrations

APPROVED

Sohil

5/14/2019 8:06:01 PM

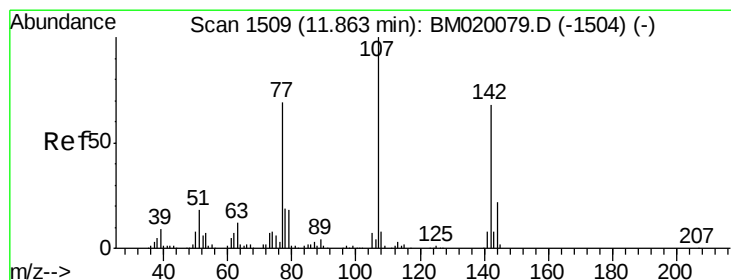
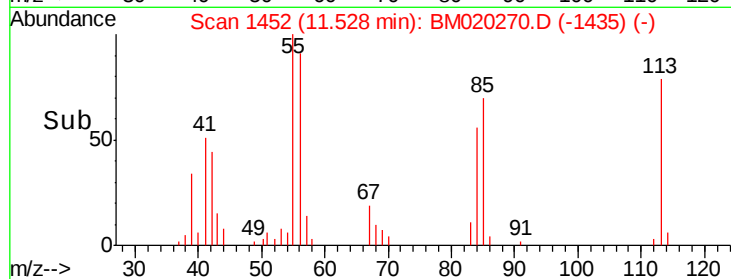
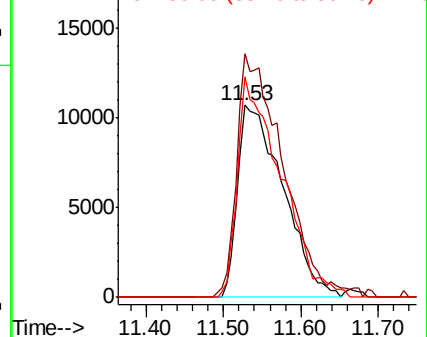


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 38.590 ng/ml

RT: 11.85 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

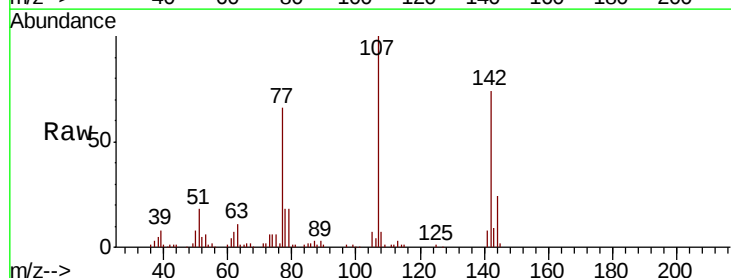
Tgt Ion:107 Resp: 148757

Ion Ratio Lower Upper

107 100

144 24.2 17.6 26.4

142 74.5 54.6 82.0

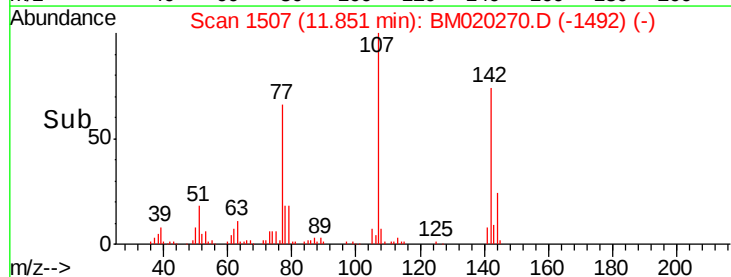
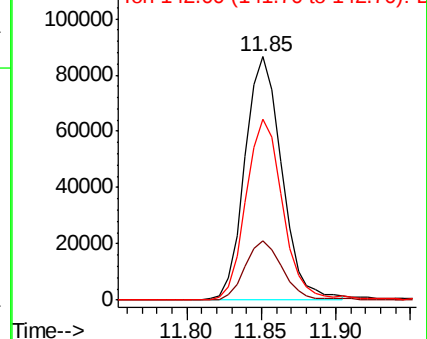


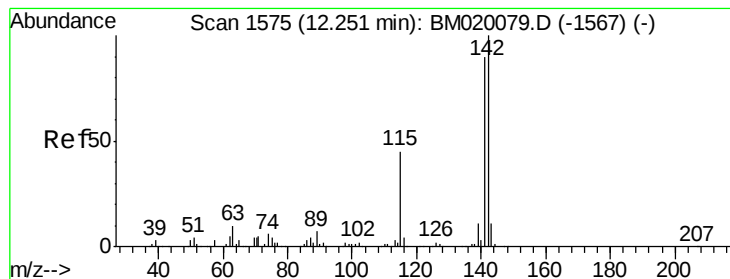
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





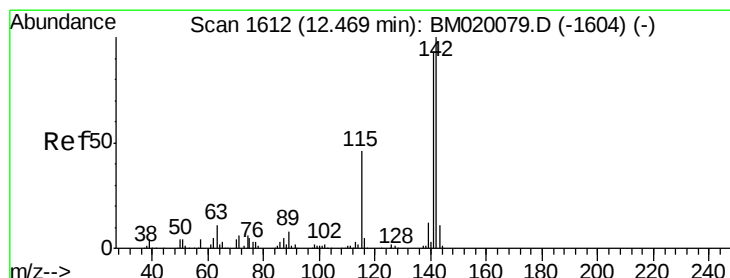
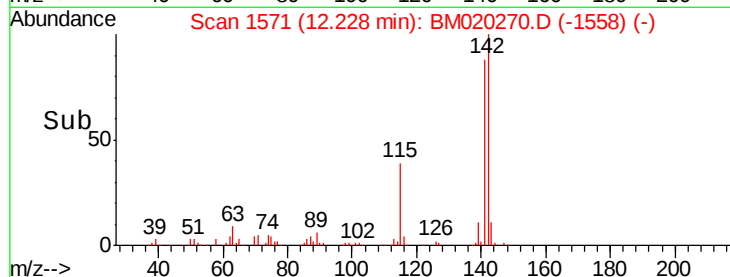
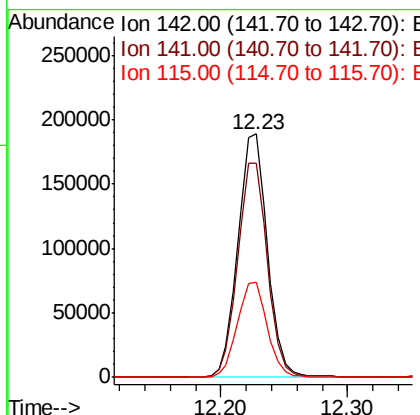
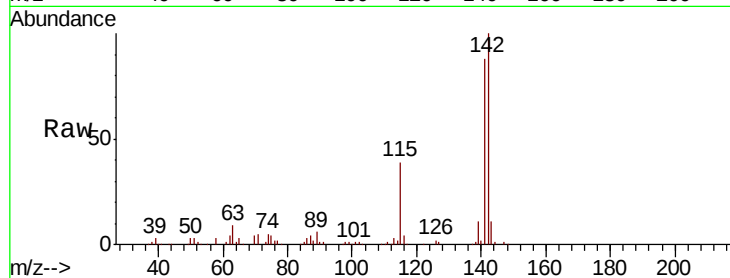
#37
2-Methylnaphthalene
Concen: 40.872 ng
RT: 12.23 min Scan# 1571
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.6	107.4
115	39.1	35.8	53.6

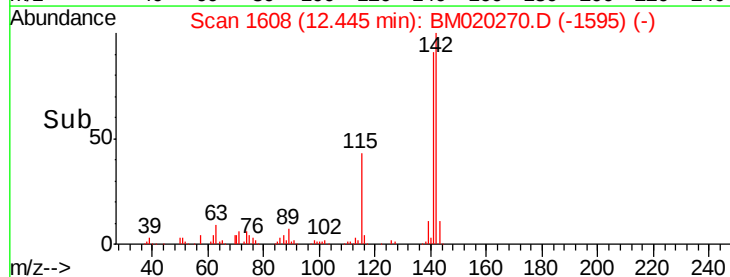
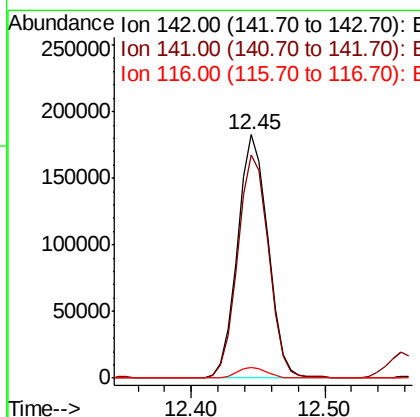
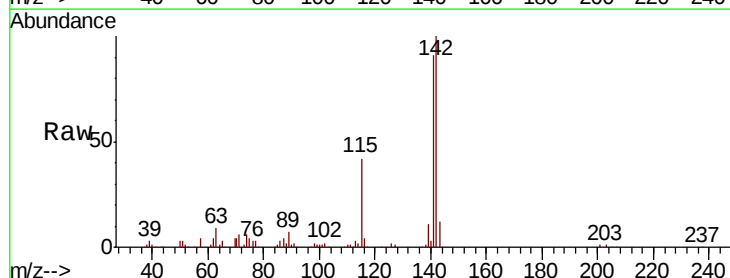
Manual Integrations
APPROVED

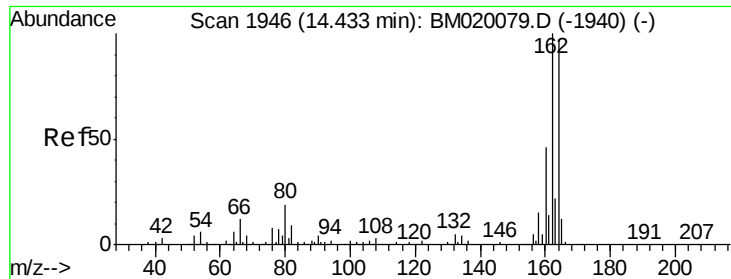
Sohil
5/14/2019 8:06:01 PM



#38
1-Methylnaphthalene
Concen: 39.844 ng
RT: 12.45 min Scan# 1608
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.8	112.2
116	4.4	3.9	5.9





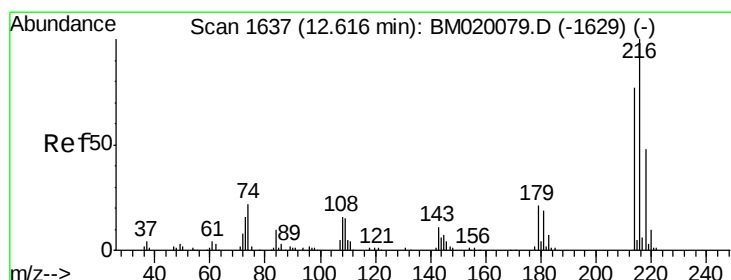
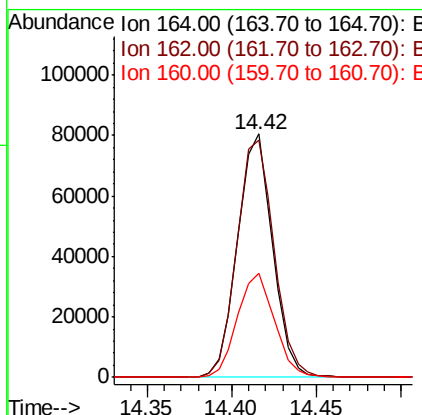
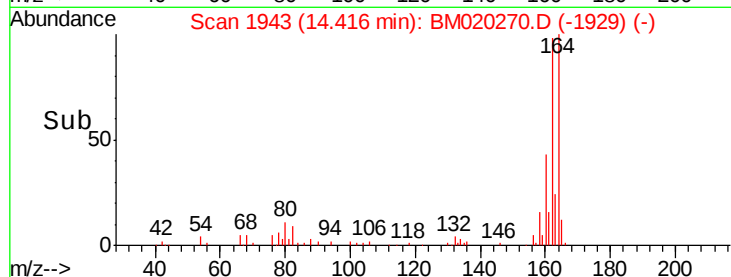
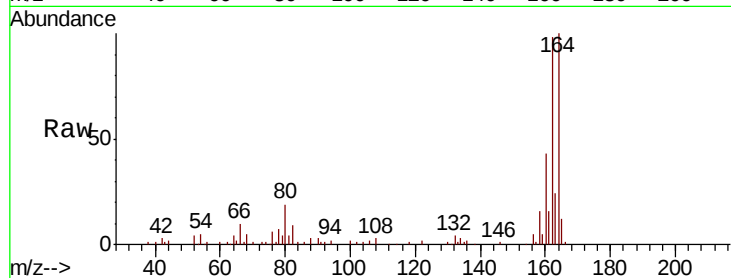
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampled :
PB119644BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.6	82.2	123.2
160	42.8	37.6	56.4

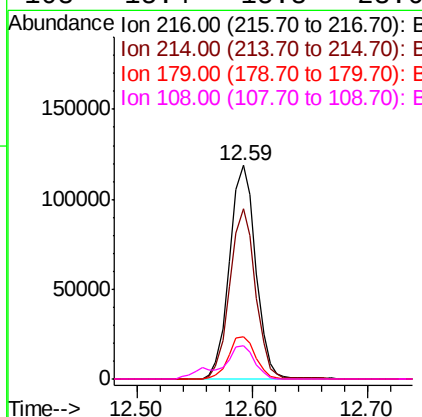
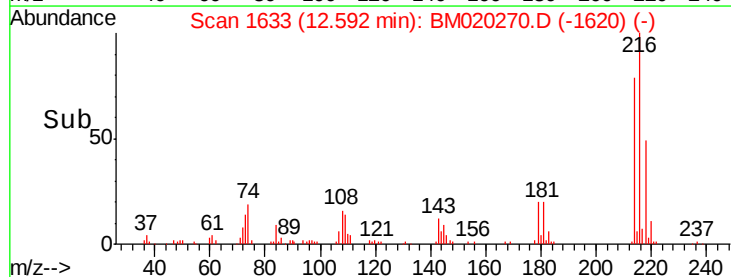
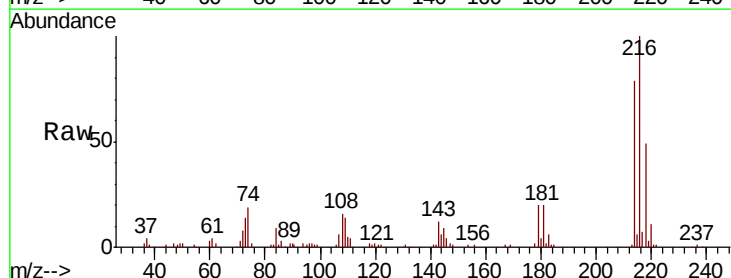
Manual Integrations
APPROVED

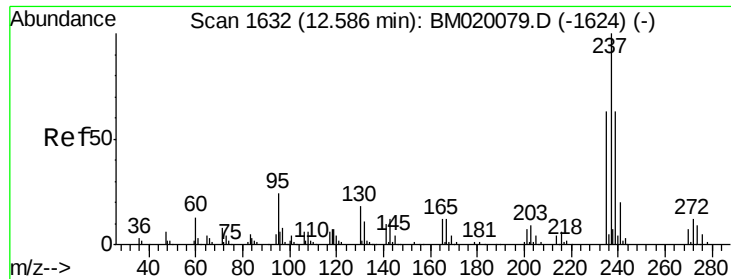
Sohil
5/14/2019 8:06:01 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.277 ng
RT: 12.59 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.6	94.0
179	20.1	17.1	25.7
108	15.4	15.8	23.6#





#41

Hexachlorocyclopentadiene

Concen: 94.684 ng

RT: 12.56 min Scan# 1627

Delta R.T. -0.03 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

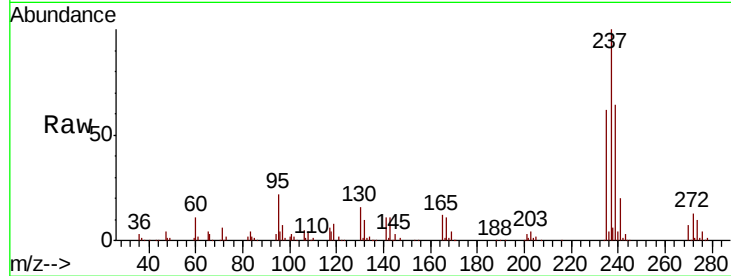
ClientSampleId :

PB119644BS

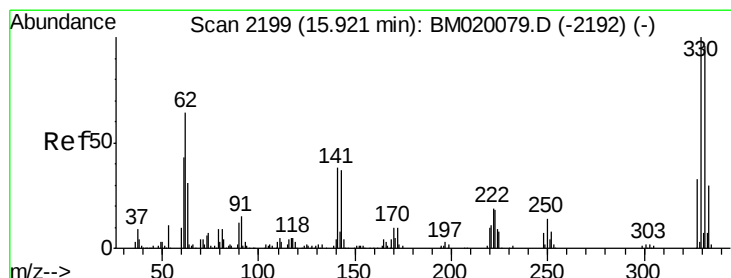
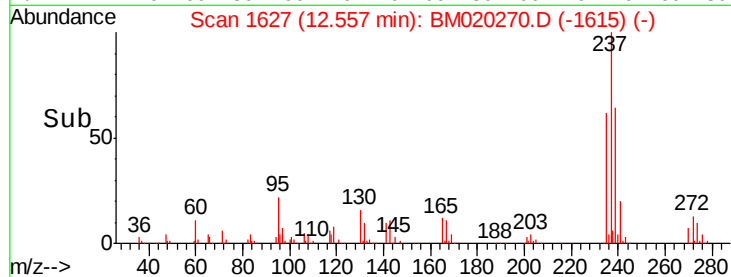
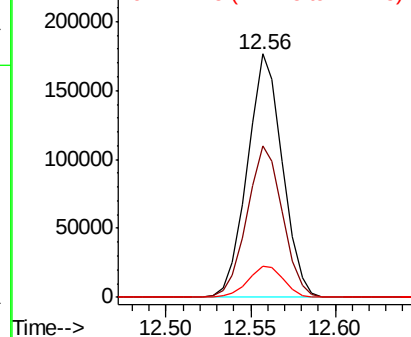
Tot Ion:	237	Resp:	254681
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.4	83.4
272	12.5	0.0	31.7

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 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: 129.891 ng

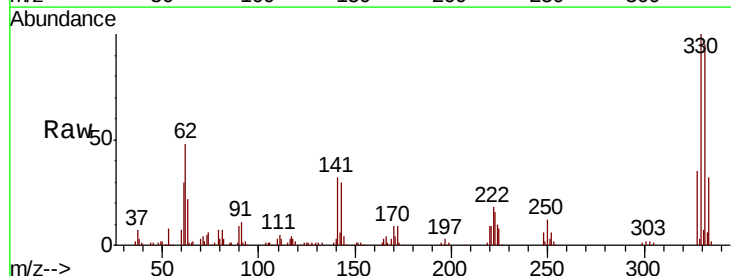
RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

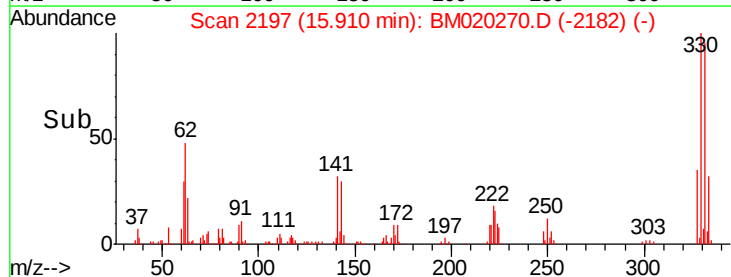
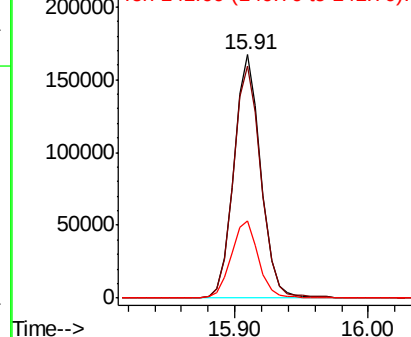
Lab File: BM020270.D

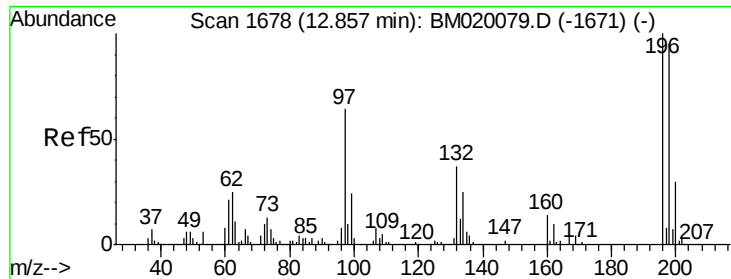
Acq: 11 May 2019 13:41

Tgt Ion:	330	Resp:	235415
Ion Ratio	Lower	Upper	
330	100		
332	97.1	76.8	115.2
141	32.4	29.2	43.8



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





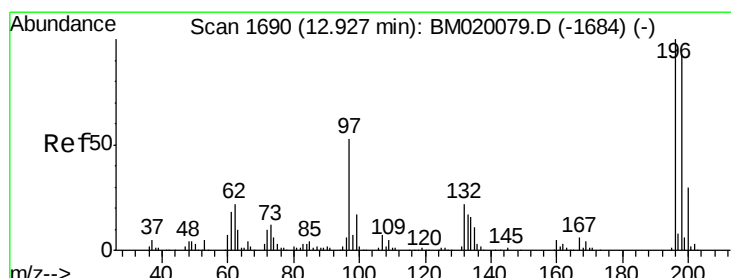
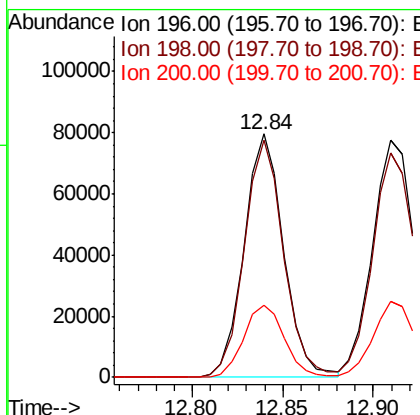
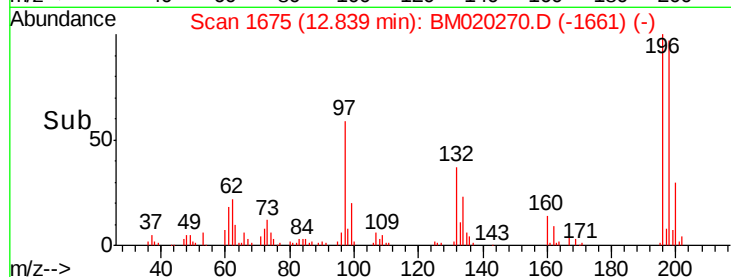
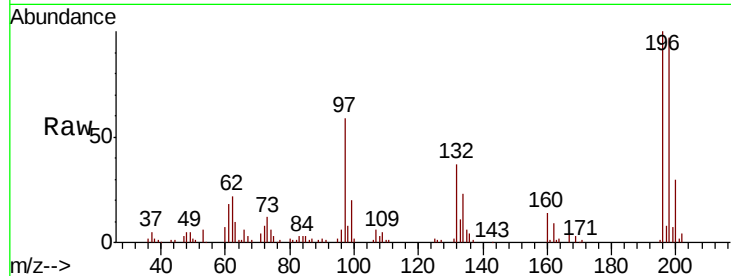
#43
 2,4,6-Trichlorophenol
 Concen: 46.427 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampled :
 PB119644BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	120536		
198	97.3	76.2	114.2	
200	29.7	24.3	36.5	

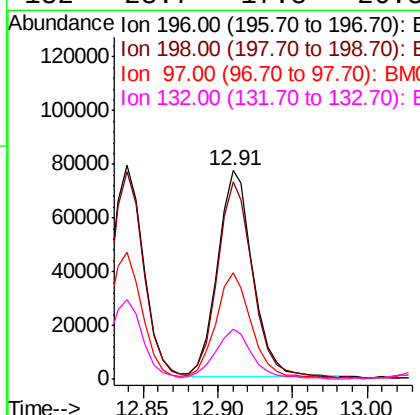
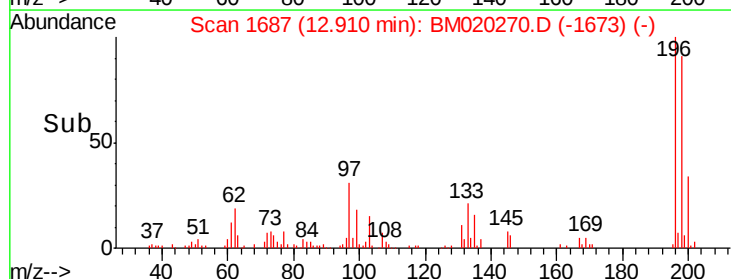
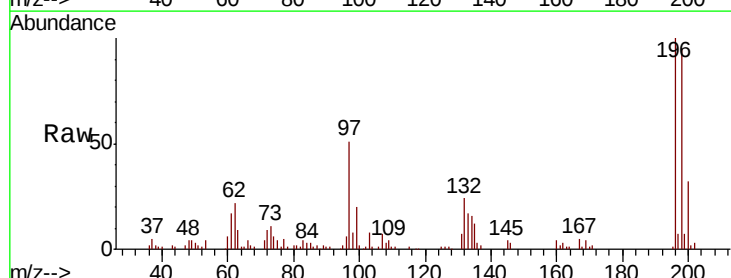
Manual Integrations
 APPROVED

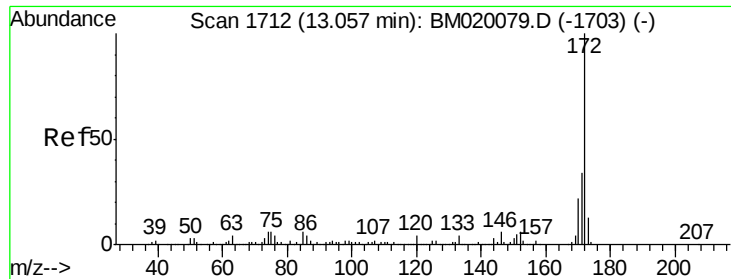
Sohil
 5/14/2019 8:06:01 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.593 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	126436		
198	94.6	74.7	112.1	
97	50.8	42.2	63.4	
132	23.7	17.8	26.8	





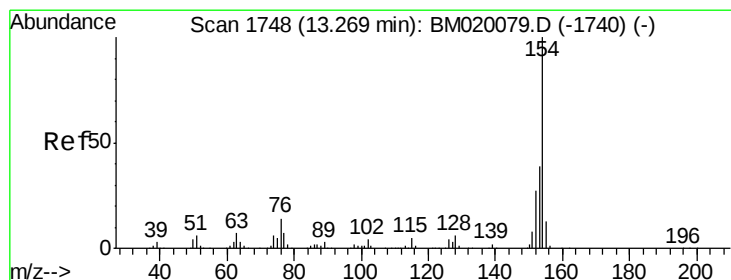
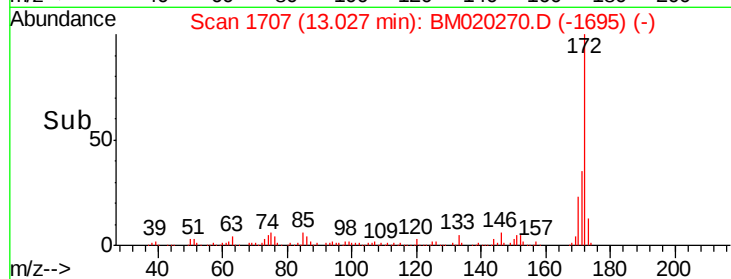
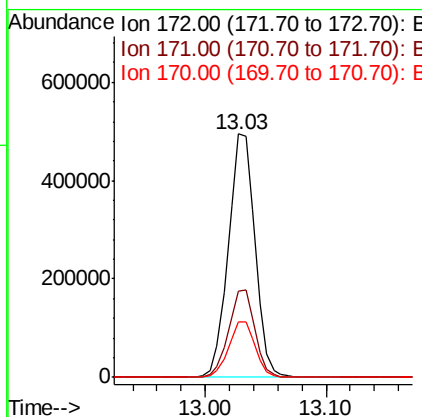
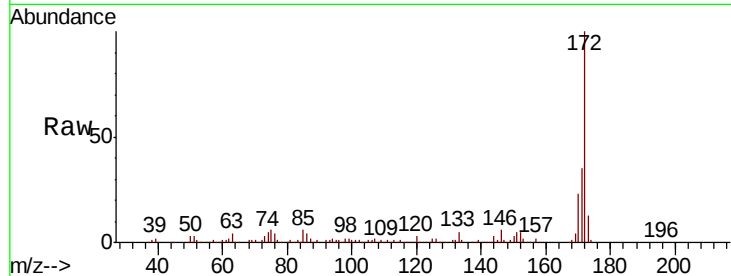
#45
2-Fluorobiphenyl
Concen: 80.092 ng
RT: 13.03 min Scan# 1707
Delta R.T. -0.03 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	22.7	17.9	26.9

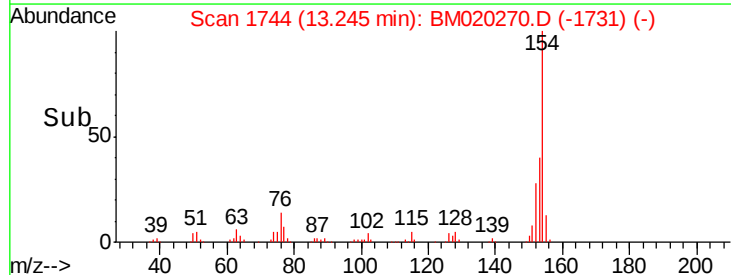
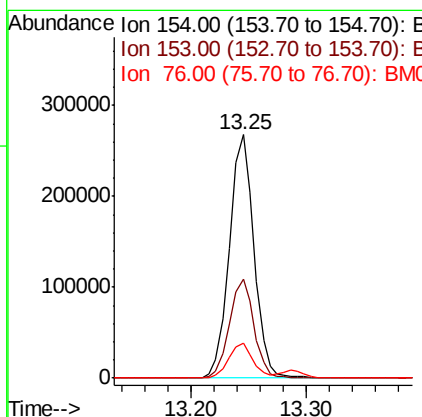
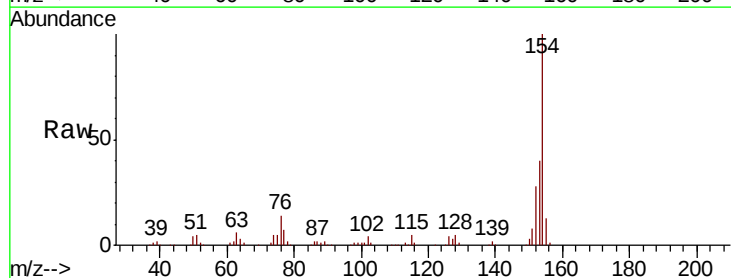
Manual Integrations
APPROVED

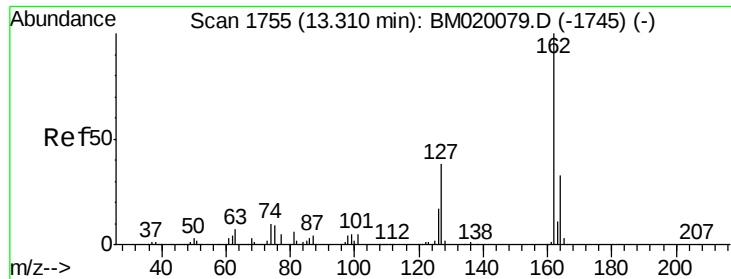
Sohil
5/14/2019 8:06:01 PM



#46
1,1'-Biphenyl
Concen: 41.102 ng
RT: 13.25 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.4	59.4
76	14.4	0.0	34.5





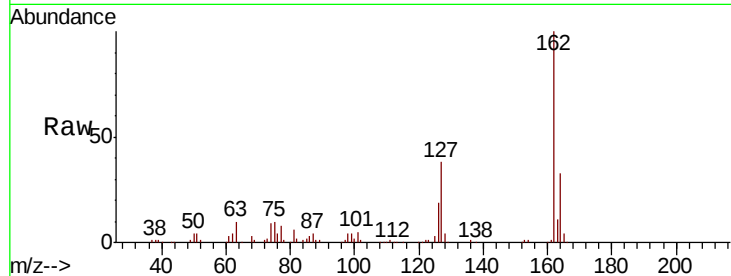
#47
2-Chloronaphthalene
Concen: 41.896 ng
RT: 13.29 min Scan# 1751
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

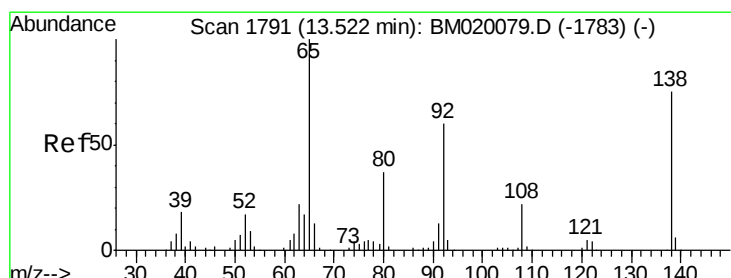
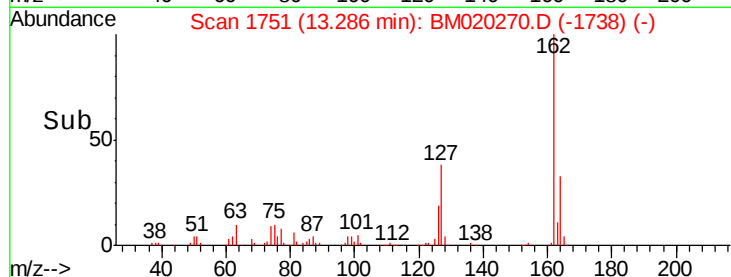
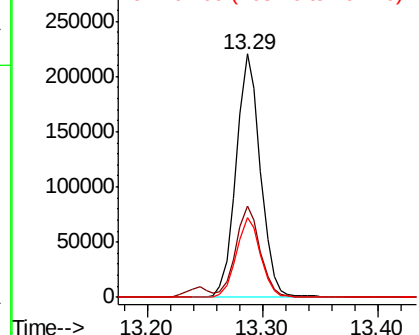
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	31.0	46.4
164	32.7	26.2	39.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM

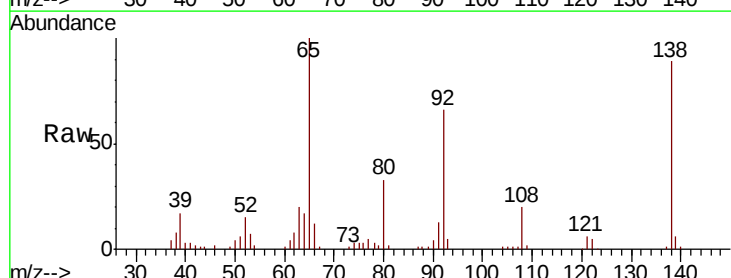


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

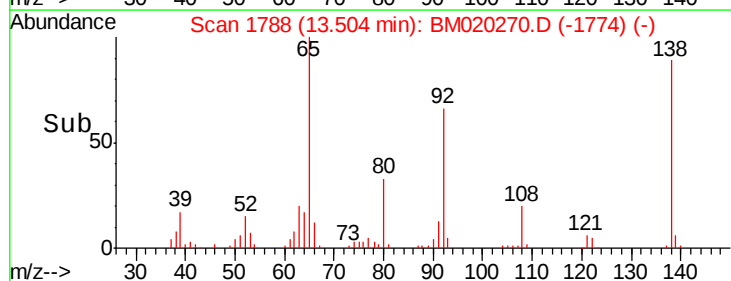
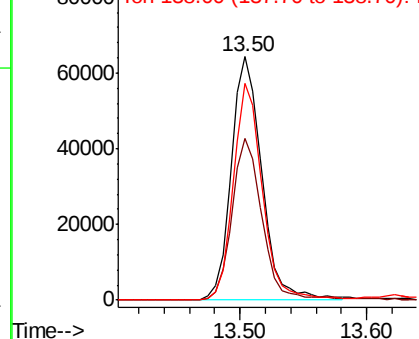


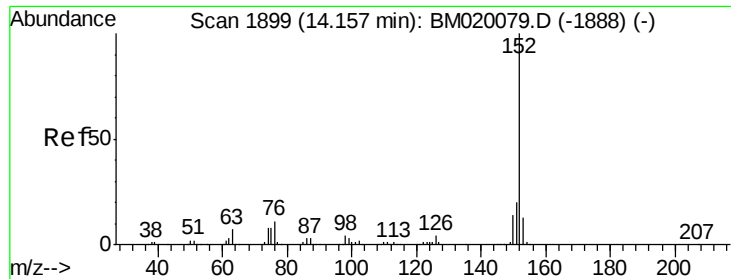
#48
2-Nitroaniline
Concen: 39.105 ng
RT: 13.50 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	48.2	72.4
138	89.3	60.3	90.5



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





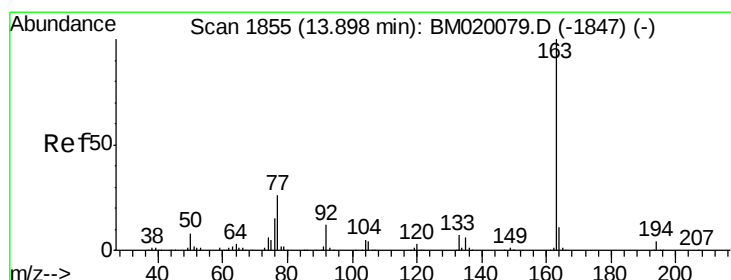
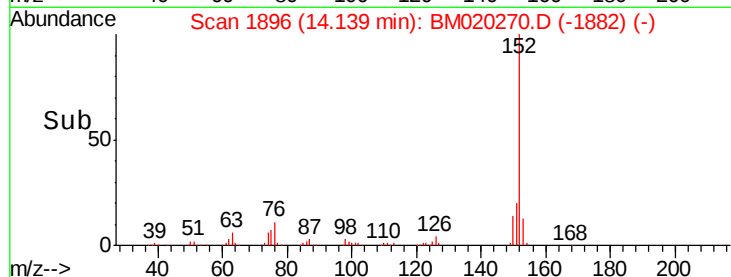
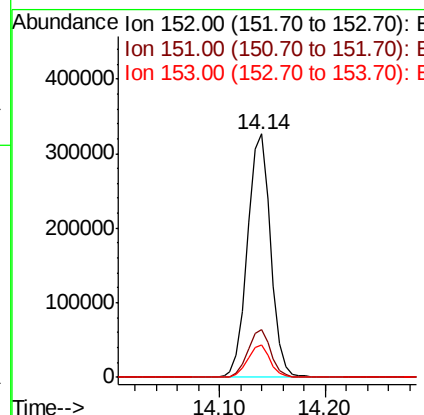
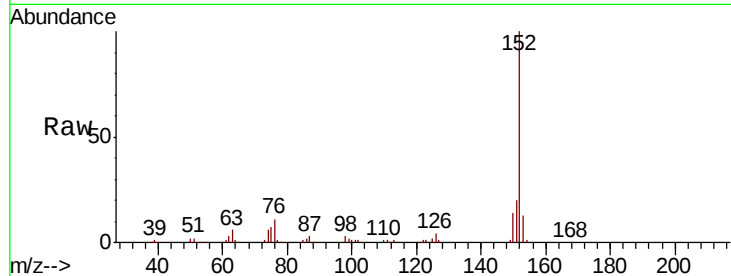
#49
Acenaphthylene
Concen: 40.388 ng
RT: 14.14 min Scan# 1896
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	495993		
151	19.9	16.2	24.2	
153	13.2	10.6	16.0	

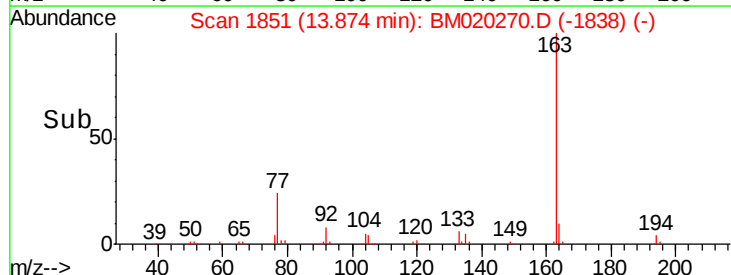
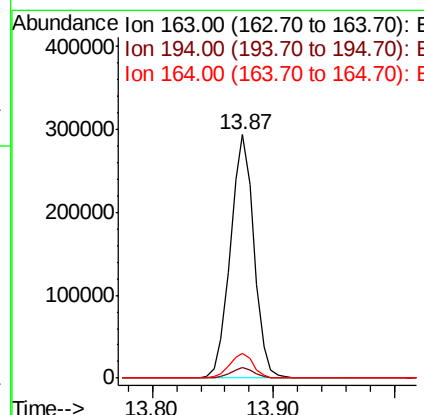
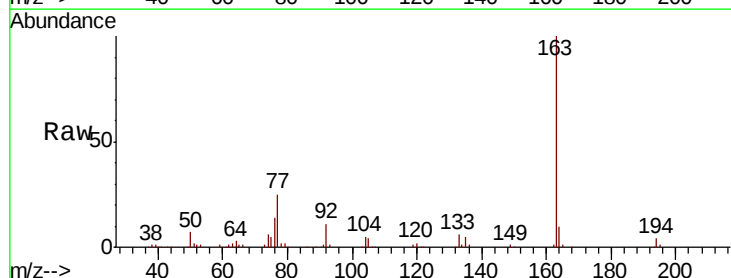
Manual Integrations
APPROVED

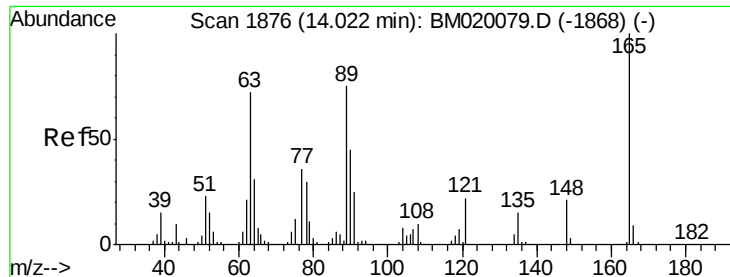
Sohil
5/14/2019 8:06:01 PM



#50
Dimethylphthalate
Concen: 39.999 ng
RT: 13.87 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	396950		
194	4.3	3.6	5.4	
164	10.3	8.4	12.6	





#51

2,6-Dinitrotoluene

Concen: 41.627 ng

RT: 14.00 min Scan# 1873

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

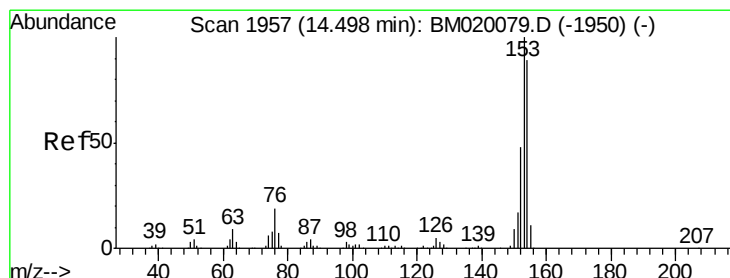
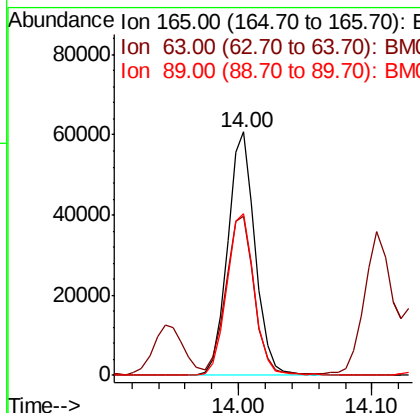
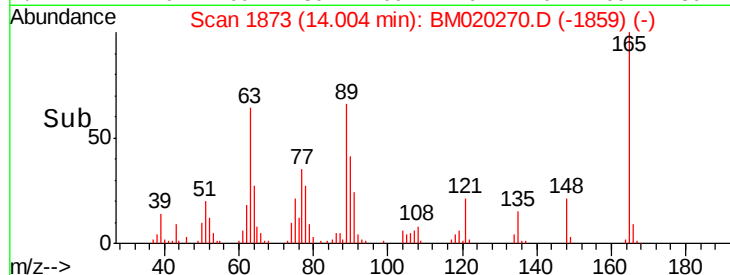
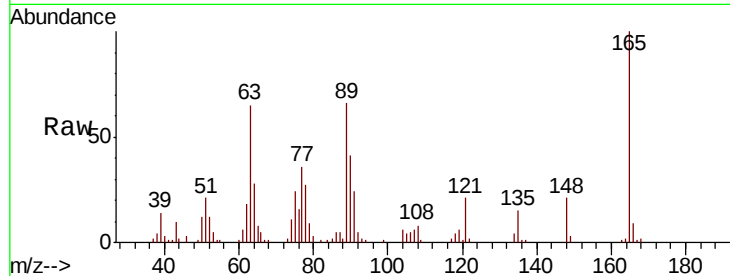
ClientSampleId :

PB119644BS

Tot Ion:	165	Resp:	87010
Ion Ratio	Lower	Upper	
165	100		
63	65.4	60.3	90.5
89	66.2	59.8	89.6

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM



#52

Acenaphthene

Concen: 40.766 ng

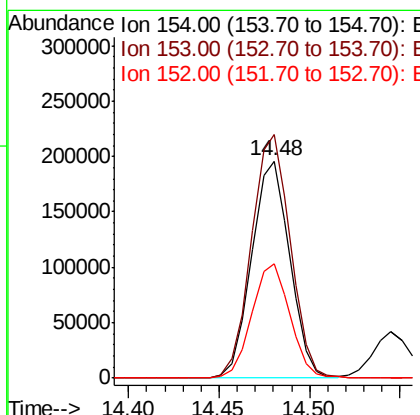
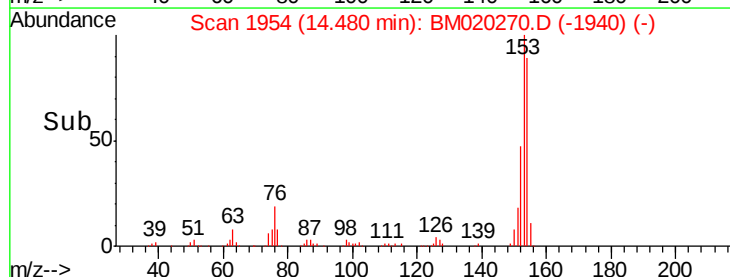
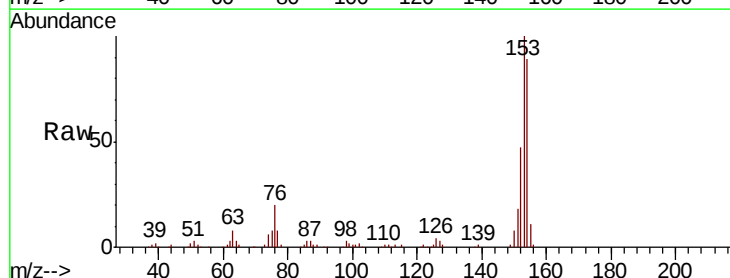
RT: 14.48 min Scan# 1954

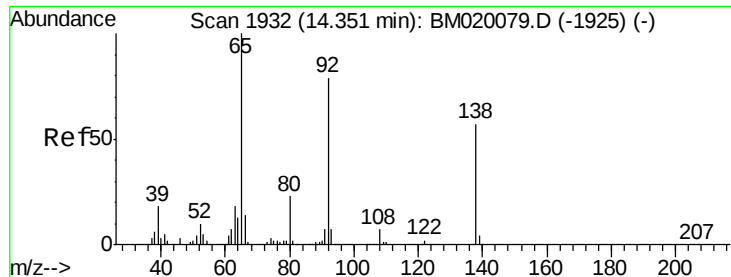
Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tgt Ion:	154	Resp:	287086
Ion Ratio	Lower	Upper	
154	100		
153	112.3	90.2	135.2
152	52.6	43.0	64.4





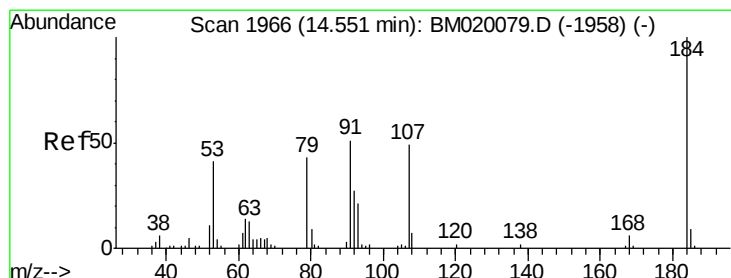
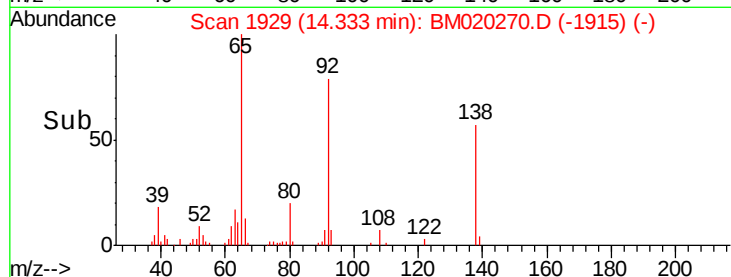
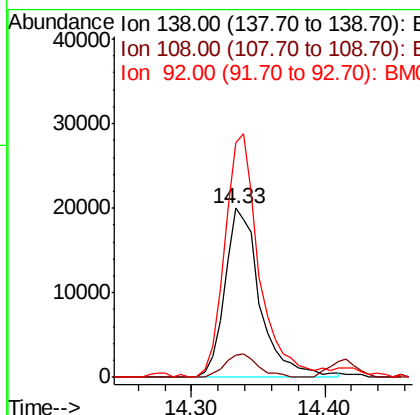
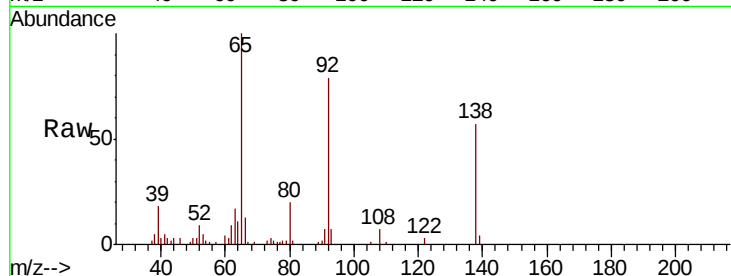
#53
3-Nitroaniline
Concen: 19.019 ng
RT: 14.33 min Scan# 1929
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.1	10.4	15.6
92	138.5	111.3	166.9

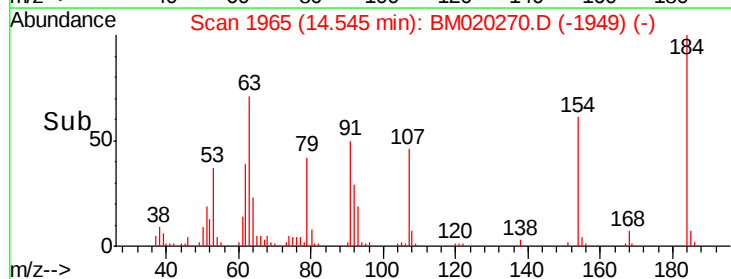
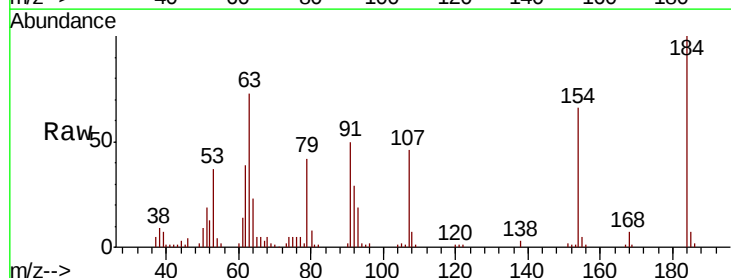
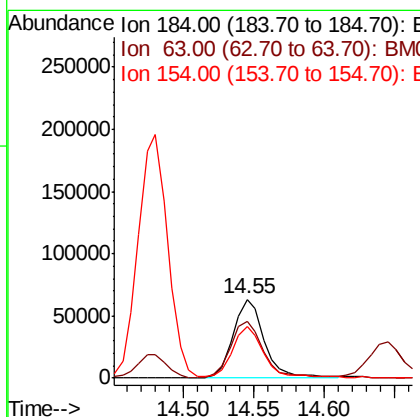
Manual Integrations
APPROVED

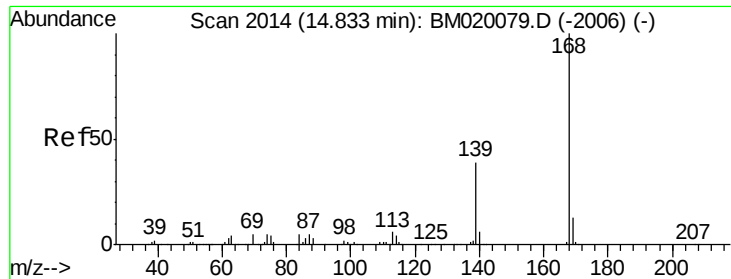
Sohil
5/14/2019 8:06:01 PM



#54
2,4-Dinitrophenol
Concen: 91.835 ng
RT: 14.55 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.5	68.9	103.3
154	66.1	54.4	81.6





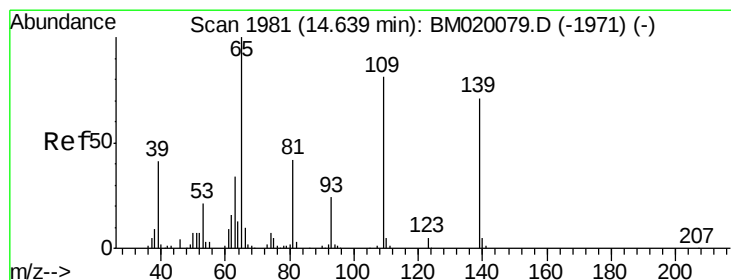
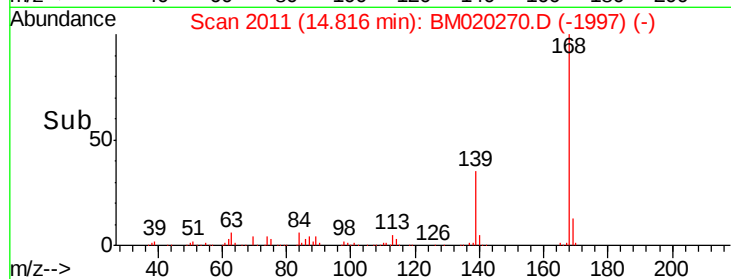
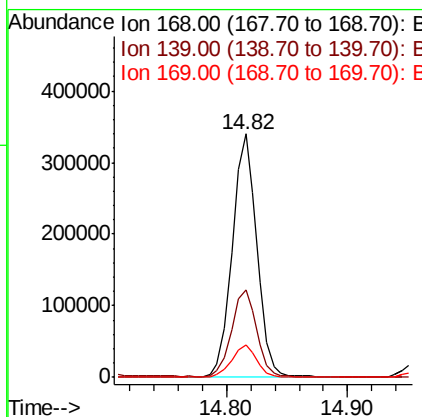
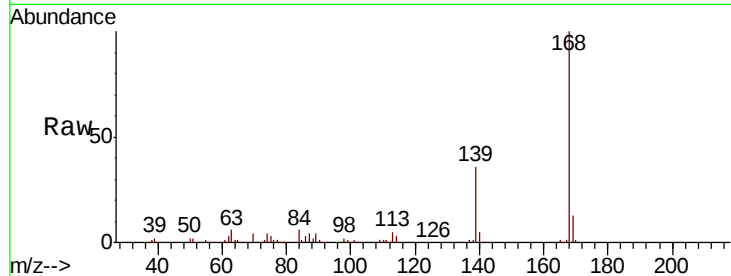
#55
Dibenzofuran
Concen: 40.717 ng
RT: 14.82 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	31.1	46.7
169	13.4	10.6	16.0

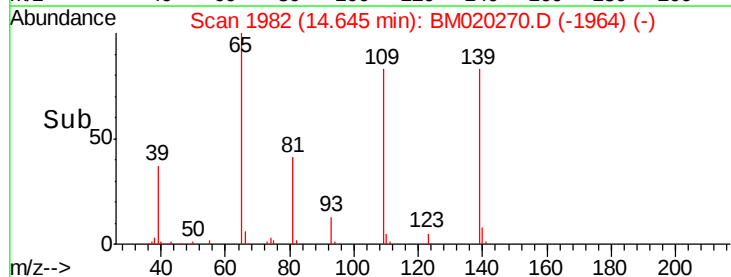
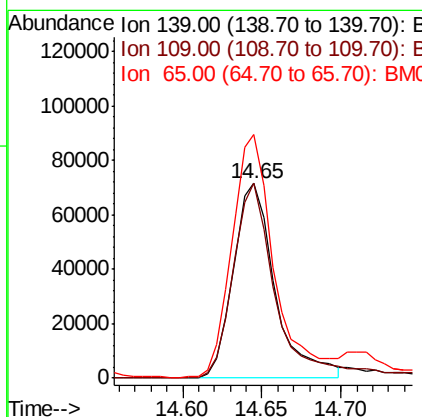
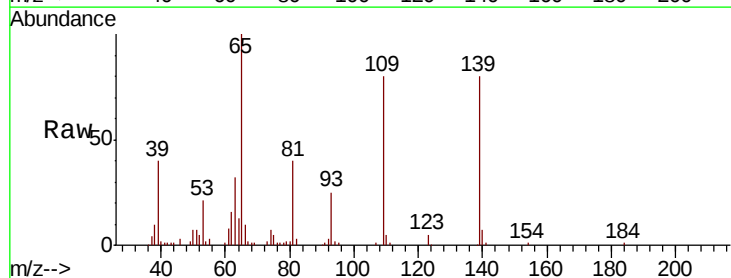
Manual Integrations
APPROVED

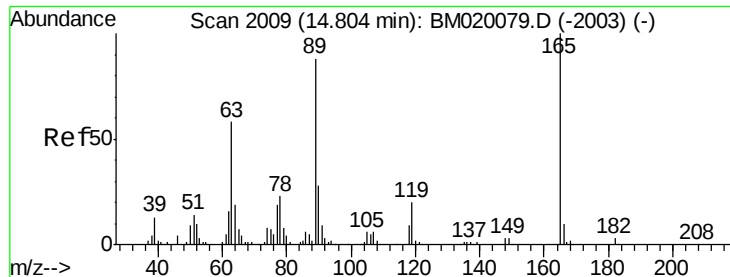
Sohil
5/14/2019 8:06:01 PM



#56
4-Nitrophenol
Concen: 79.187 ng
RT: 14.65 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.3	94.1	134.1
65	125.1	120.9	160.9





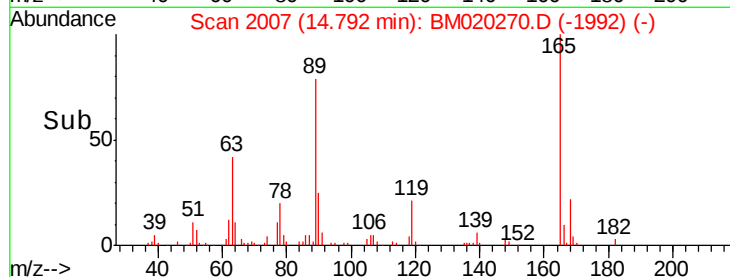
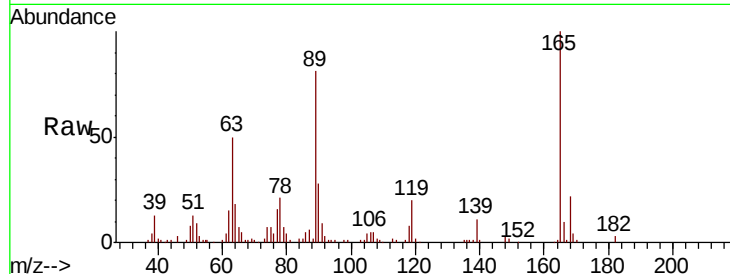
#57
 2,4-Dinitrotoluene
 Concen: 43.700 ng
 RT: 14.79 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampled :
 PB119644BS

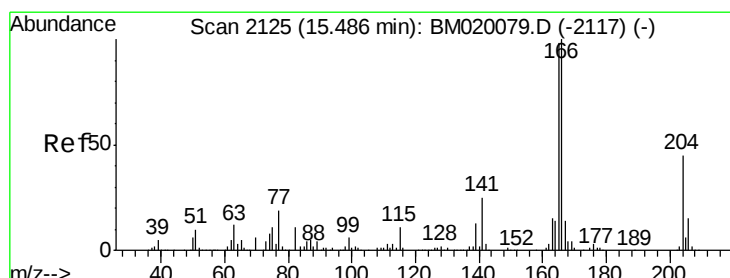
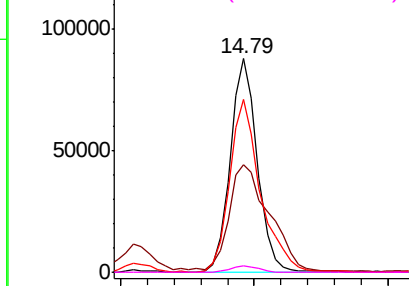
Tot Ion:	165	Resp:	124117
Ion Ratio	Lower	Upper	
165	100		
63	50.4	46.2	69.2
89	81.0	70.6	105.8
182	3.0	2.2	3.2

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:06:01 PM

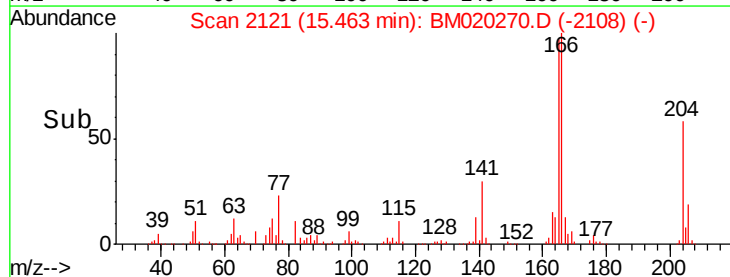
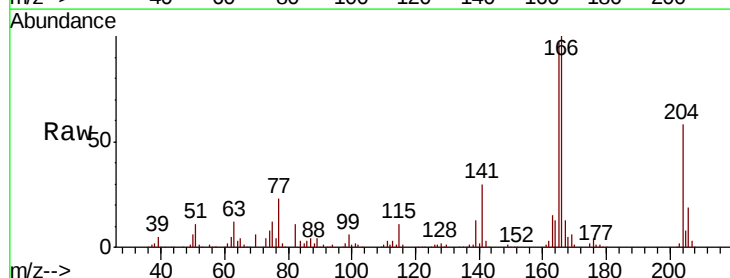


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 89.00 (88.70 to 89.70): BM0
 Ion 182.00 (181.70 to 182.70): E

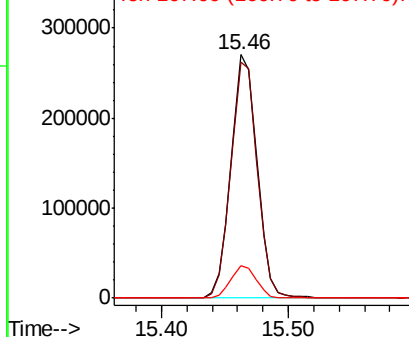


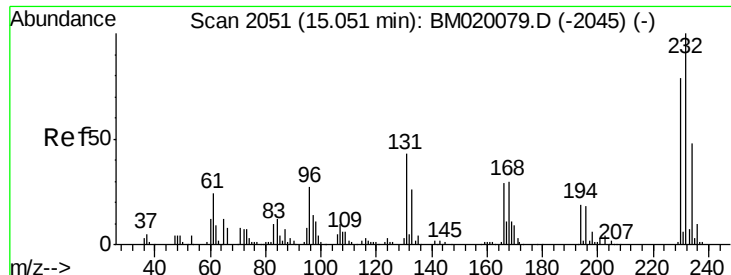
#58
 Fluorene
 Concen: 39.480 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion:	166	Resp:	385159
Ion Ratio	Lower	Upper	
166	100		
165	96.7	78.2	117.2
167	13.5	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





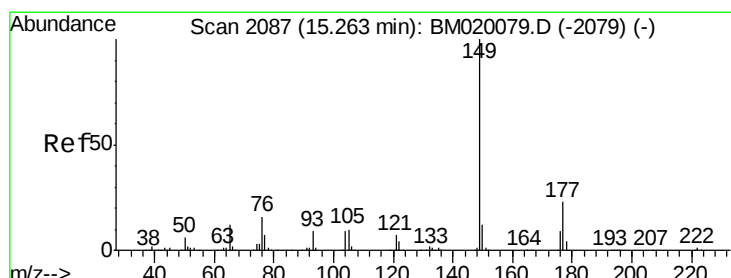
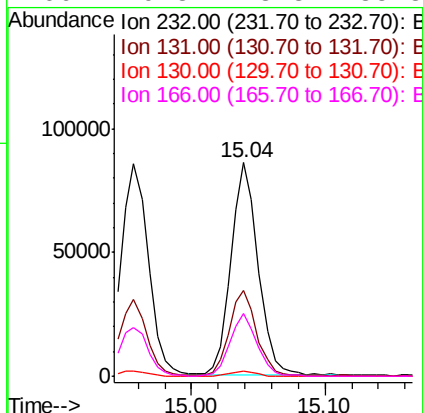
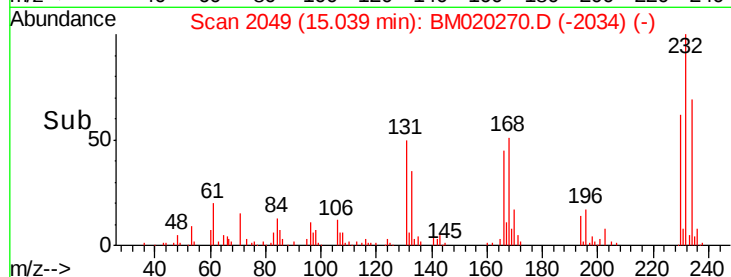
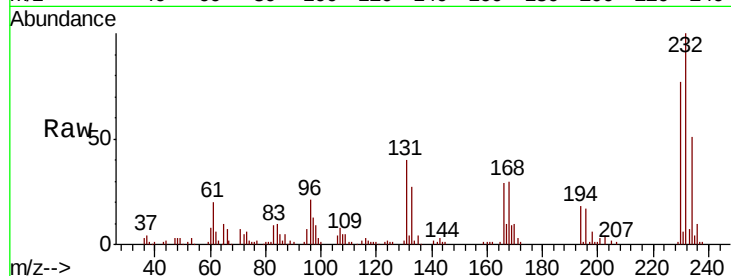
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.715 ng
 RT: 15.04 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampled :
 PB119644BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	120488		
131	41.7		34.2	51.4
130	2.0		2.0	3.0
166	29.8		23.8	35.8

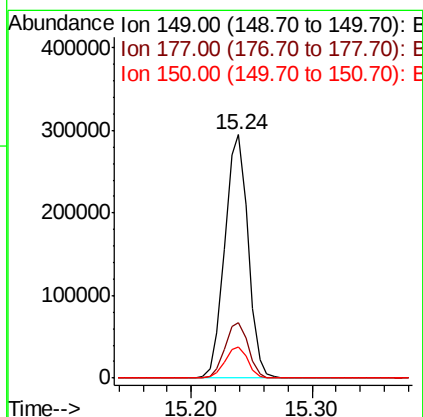
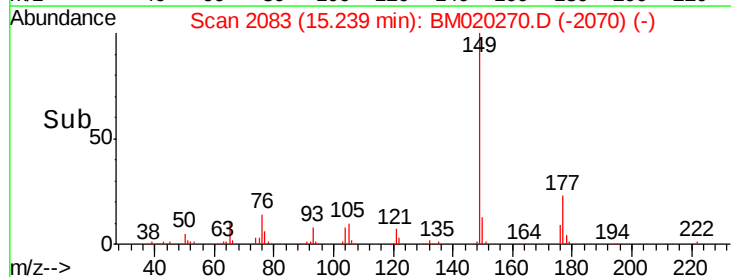
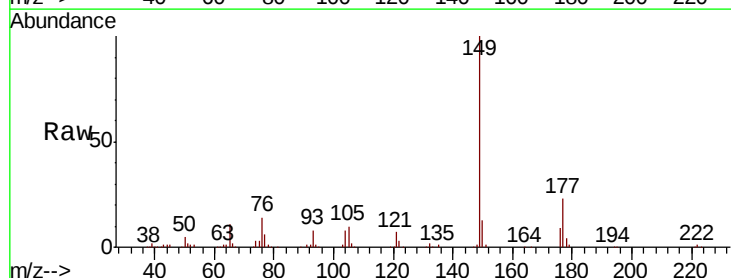
Manual Integrations
 APPROVED

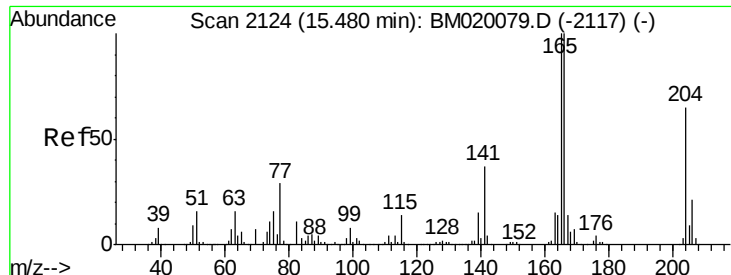
Sohil
 5/14/2019 8:06:01 PM



#60
 Diethylphthalate
 Concen: 39.480 ng
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	394737		
177	22.7		18.2	27.4
150	12.6		9.9	14.9





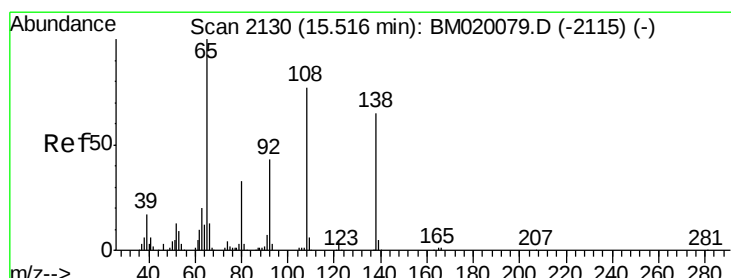
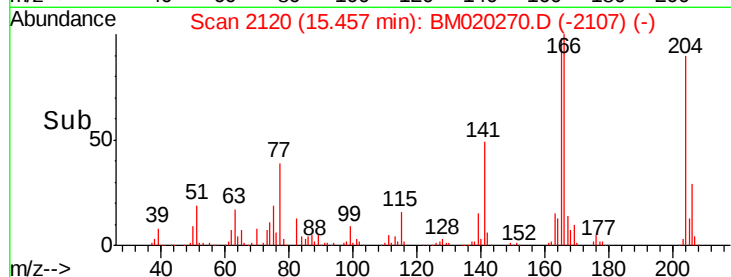
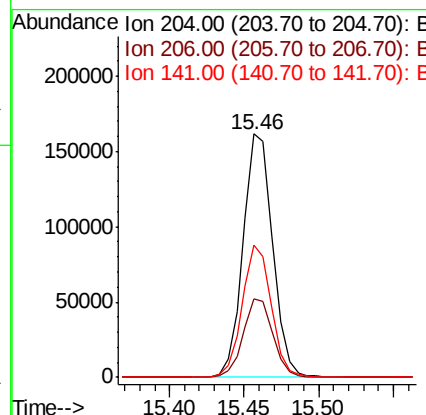
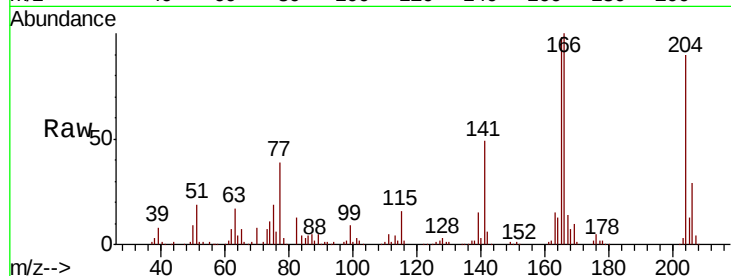
#61
4-Chlorophenyl-phenylether
Concen: 40.167 ng
RT: 15.46 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampled :
PB119644BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	222029		
206	32.1	25.6	38.4	
141	54.2	46.1	69.1	

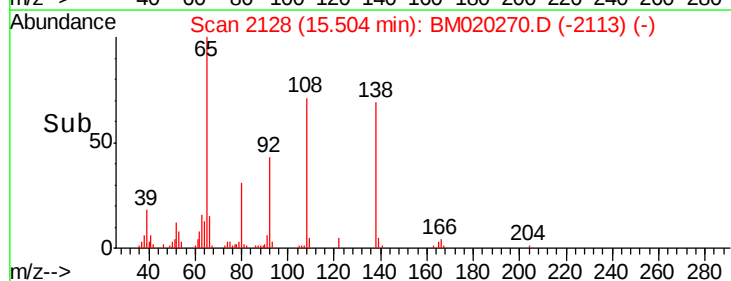
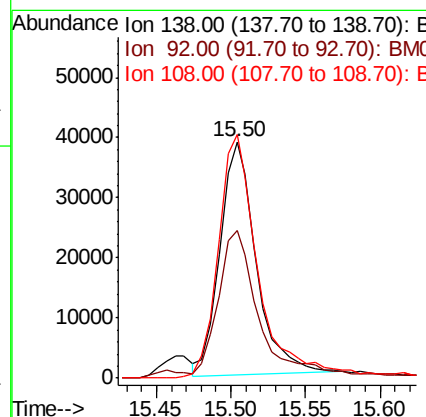
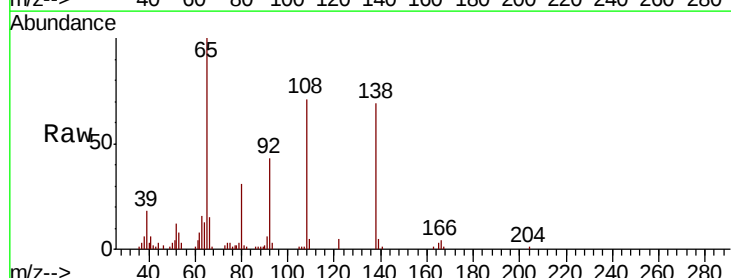
Manual Integrations
APPROVED

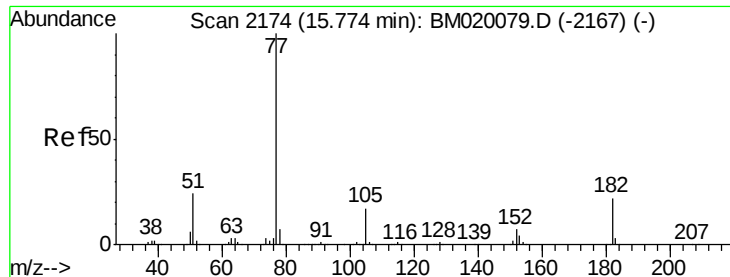
Sohil
5/14/2019 8:06:01 PM



#62
4-Nitroaniline
Concen: 30.679 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	65681		
92	62.4	45.9	85.9	
108	103.1	97.7	137.7	





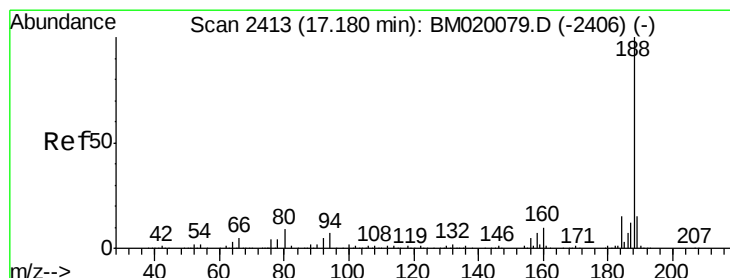
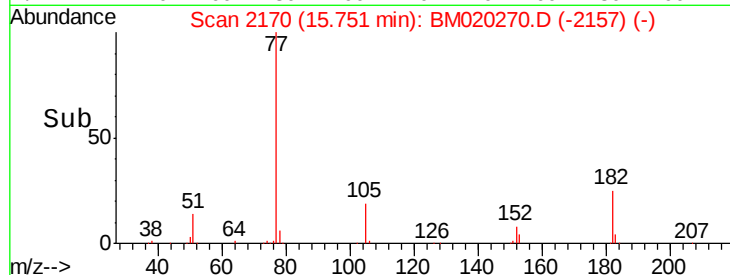
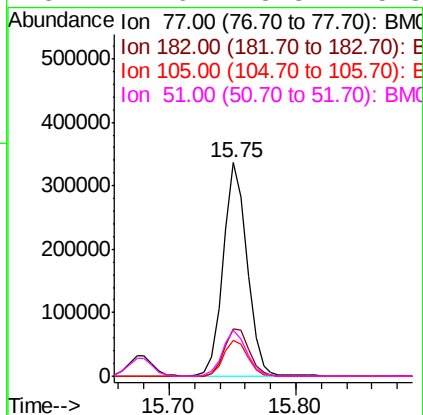
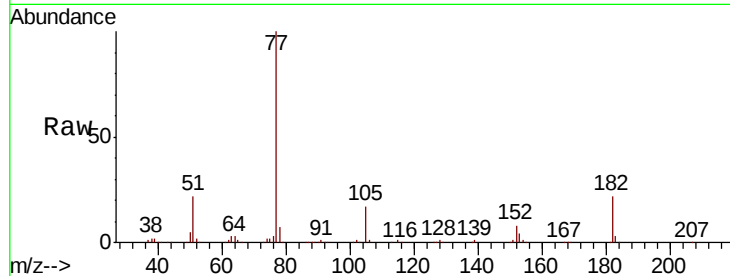
#63
Azobenzene
Concen: 37.069 ng
RT: 15.75 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.2	2.1	42.1	
105	16.8	0.0	36.8	
51	21.6	3.8	43.8	

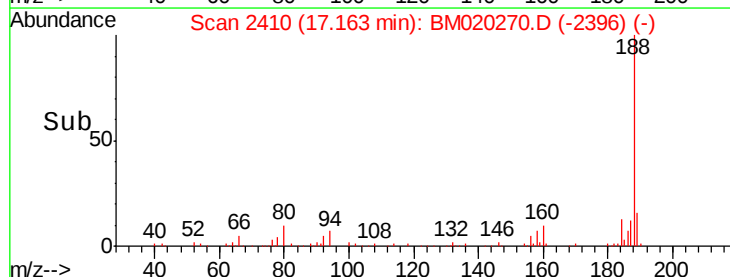
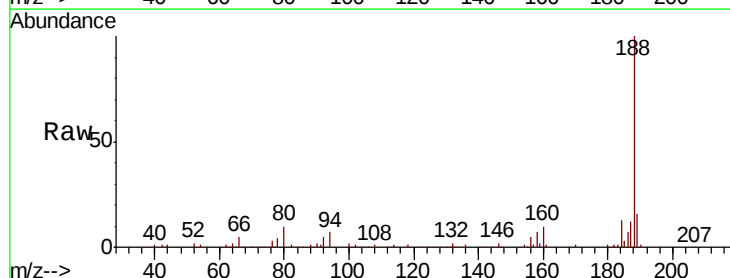
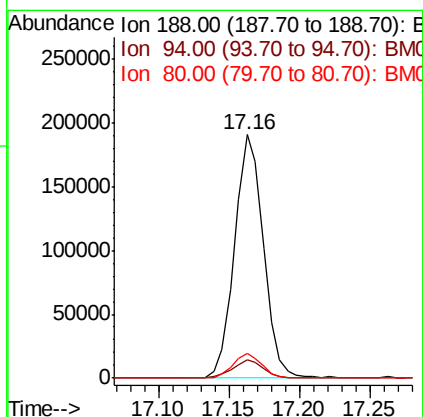
Manual Integrations
APPROVED

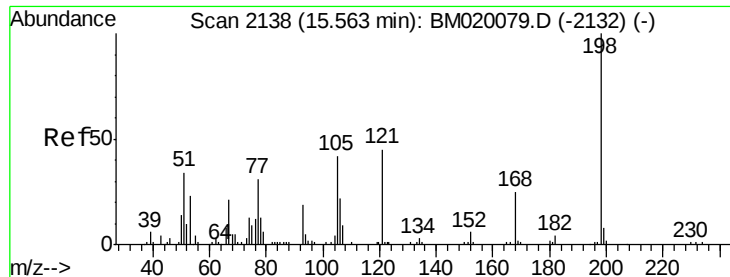
Sohil
5/14/2019 8:06:01 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.5	5.8	8.6	
80	10.1	7.4	11.2	





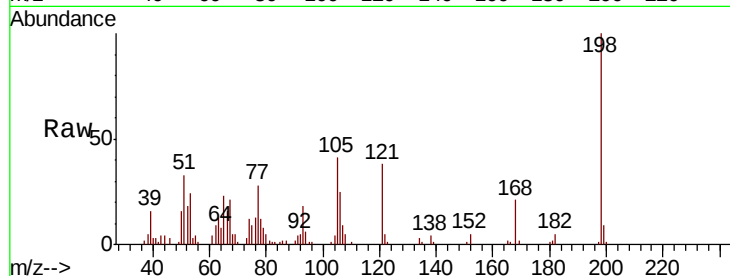
#65
4,6-Dinitro-2-methylphenol
Concen: 47.340 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampled :
PB119644BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	33.5	16.5	56.5
105	41.3	22.8	62.8

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM

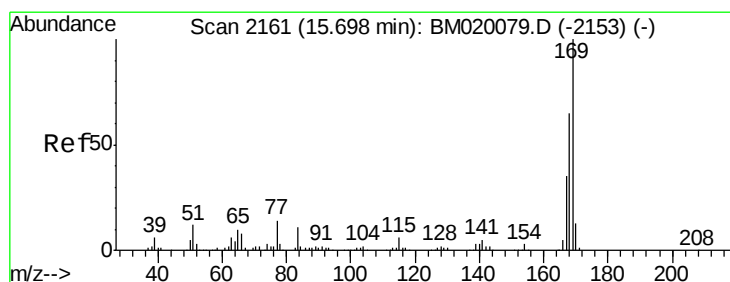
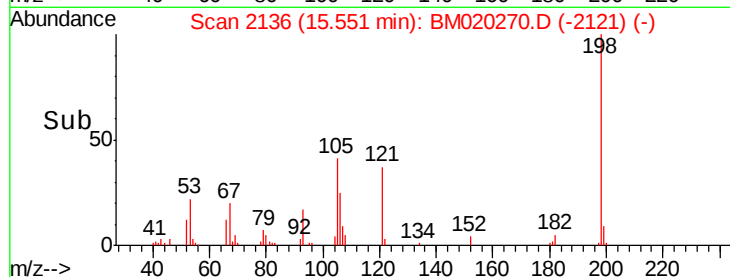
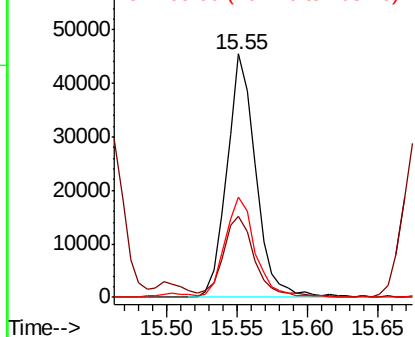


Abundance

Ion 198.00 (197.70 to 198.70): E

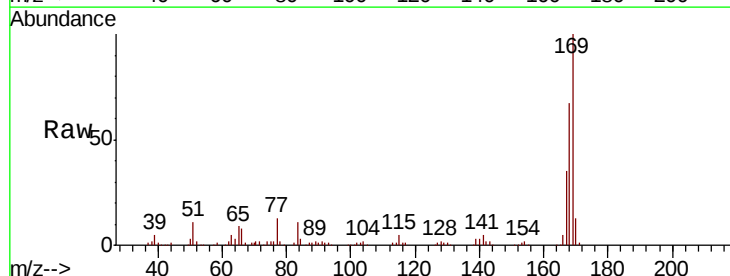
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 42.984 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	51.9	77.9
167	35.4	27.8	41.6

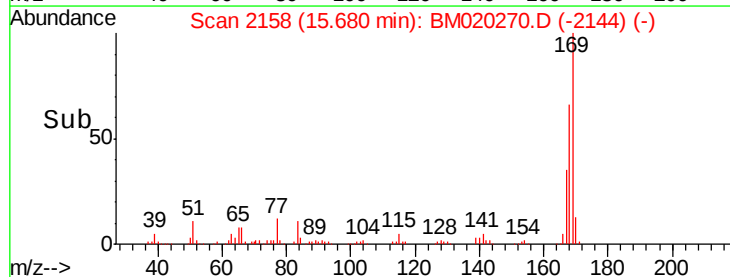
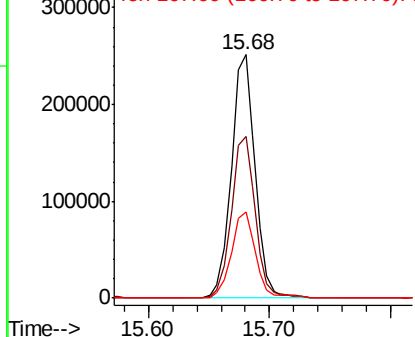


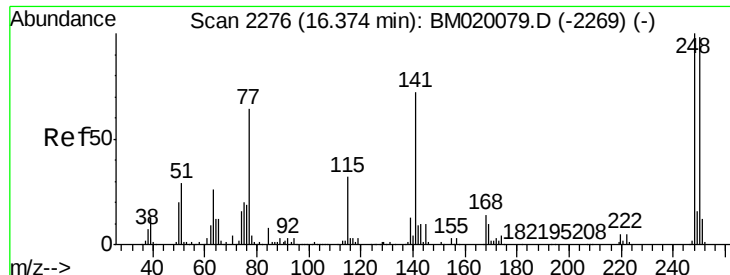
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





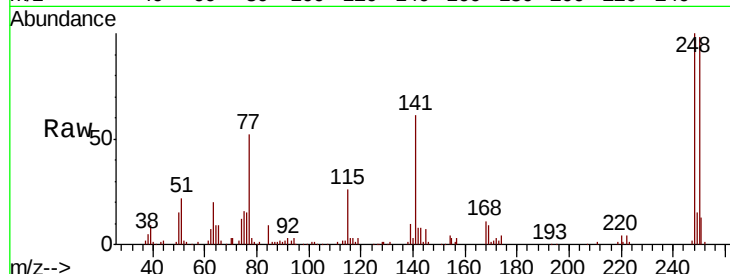
#67
 4-Bromophenyl-phenylether
 Concen: 40.309 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampled :
 PB119644BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.4	117.6
141	61.4	57.4	86.2

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:06:01 PM

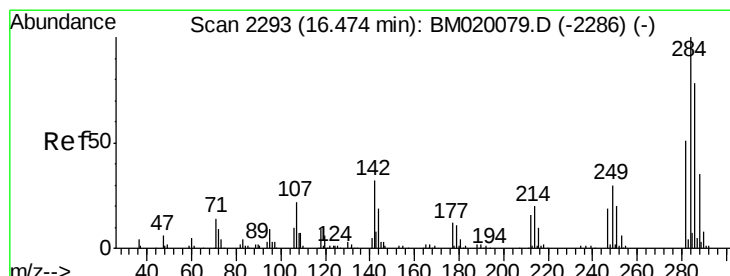
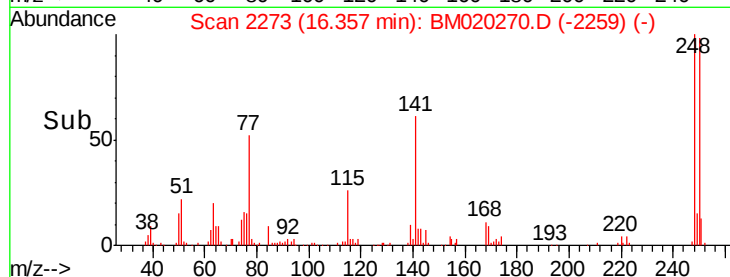
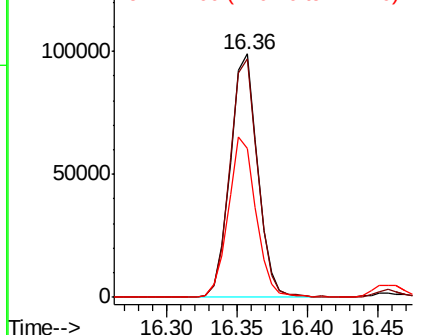


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.681 ng
 RT: 16.46 min Scan# 2290
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

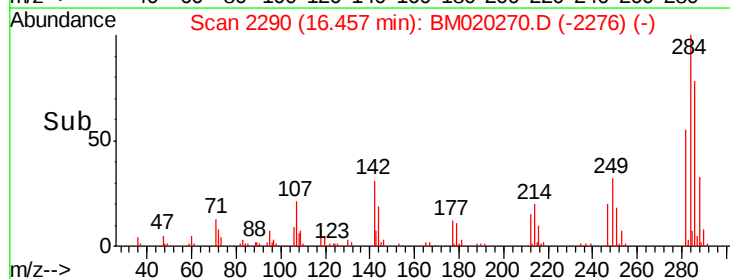
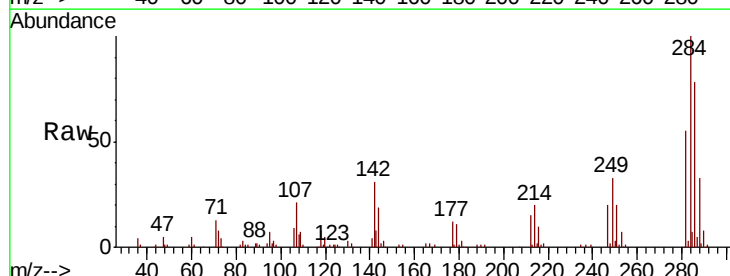
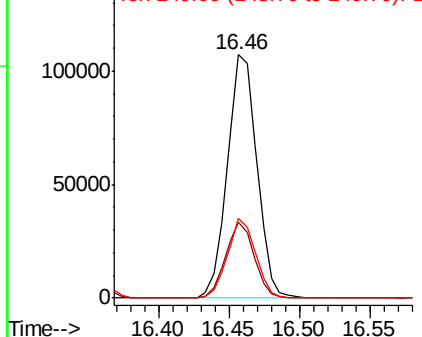
Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.4	25.2	37.8
249	32.8	23.6	35.4

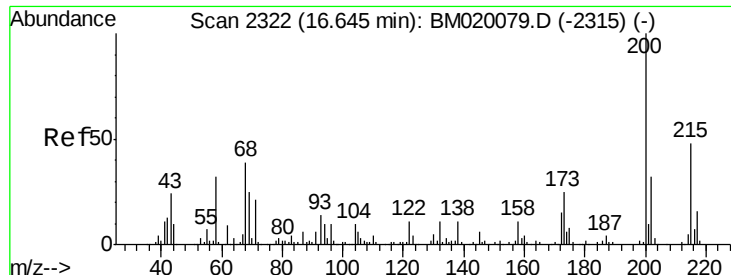
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





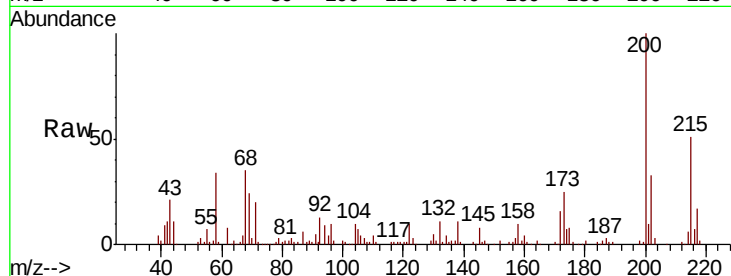
#69
 Atrazine
 Concen: 40.904 ng
 RT: 16.63 min Scan# 2319
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampled :
 PB119644BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.0	4.6	44.6
215	51.4	28.0	68.0

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:06:01 PM

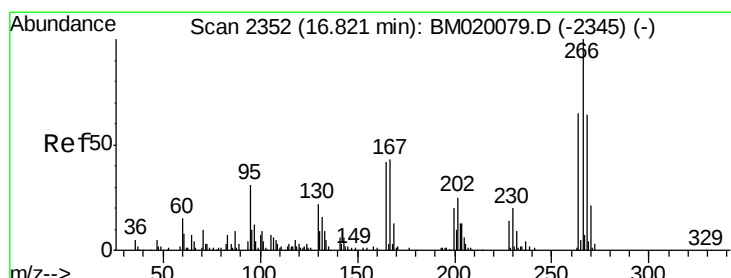
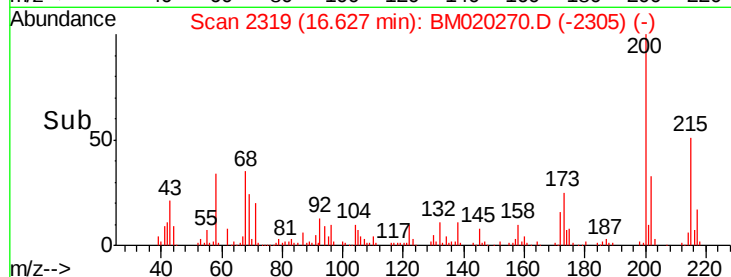
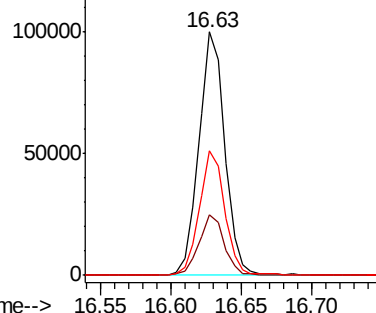


Abundance

Ion 200.00 (199.70 to 200.70): E

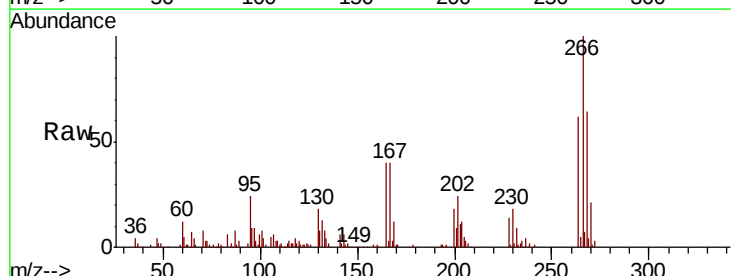
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 93.188 ng
 RT: 16.81 min Scan# 2350
 Delta R.T. -0.01 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	51.4	77.0
264	62.3	52.0	78.0

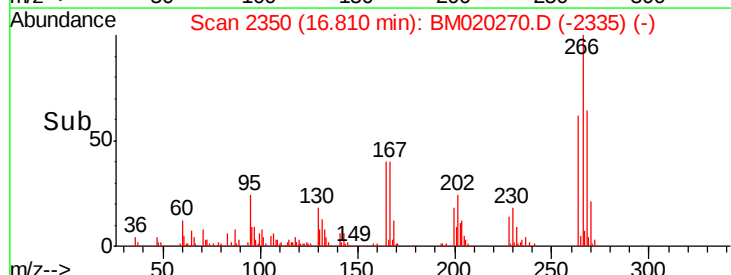
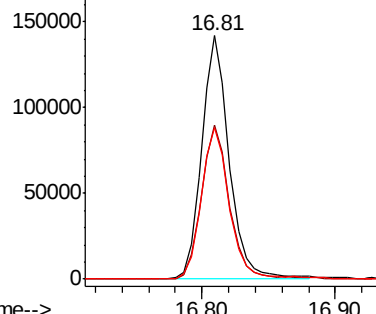


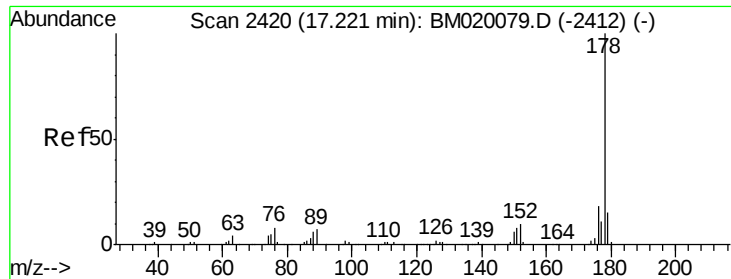
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





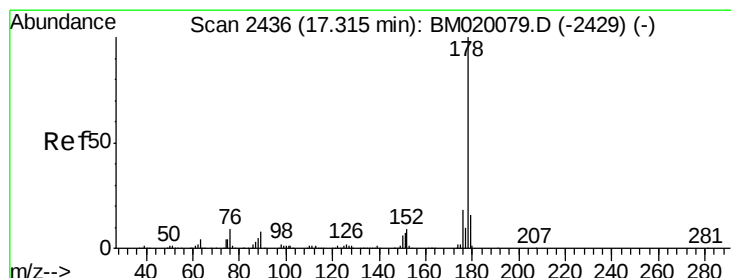
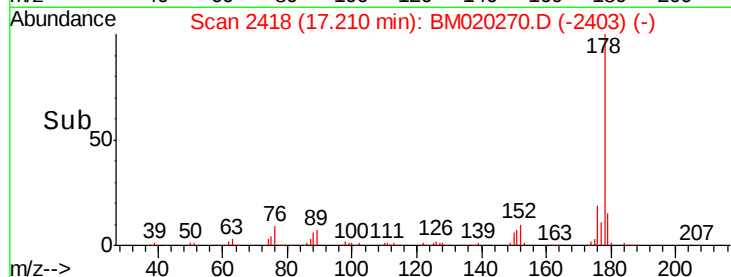
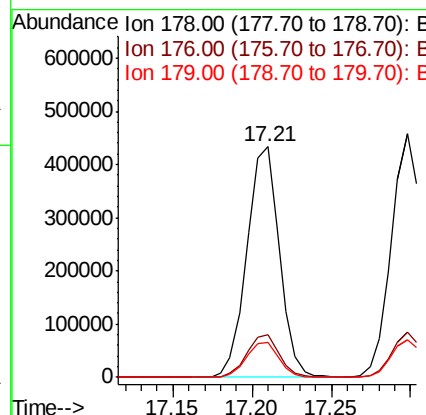
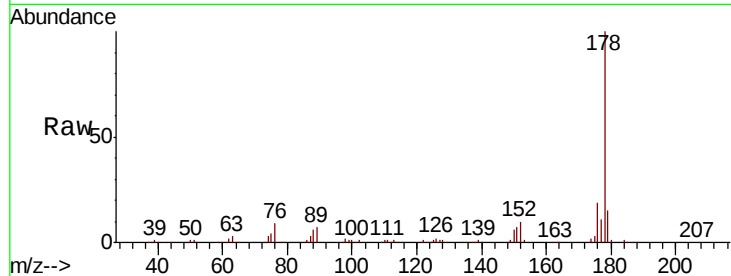
#71
Phenanthrene
Concen: 41.198 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	21.8
179	15.2	12.4	18.6

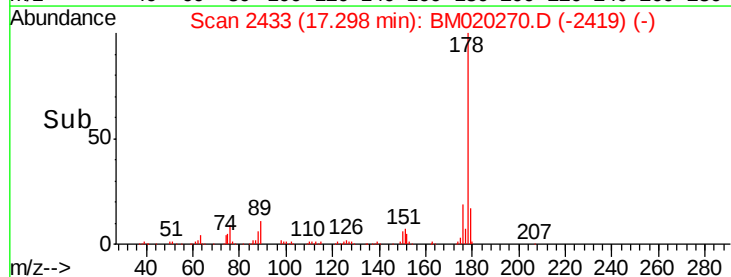
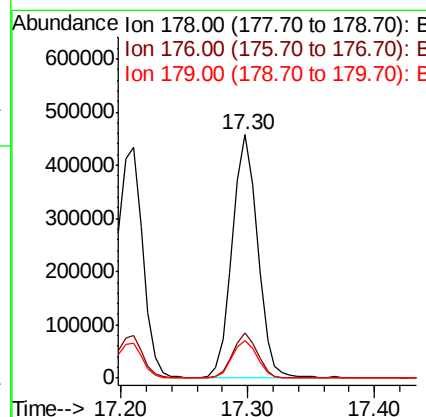
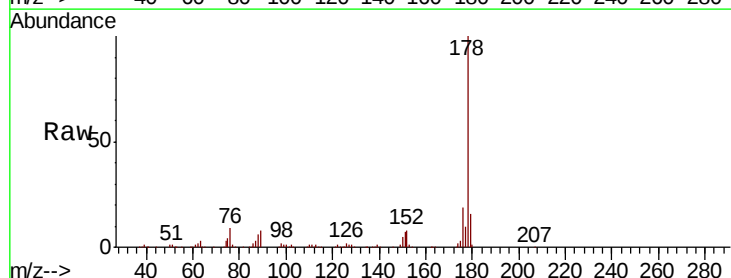
Manual Integrations
APPROVED

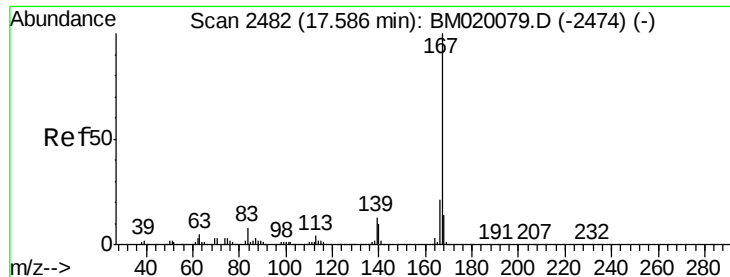
Sohil
5/14/2019 8:06:01 PM



#72
Anthracene
Concen: 42.042 ng
RT: 17.30 min Scan# 2433
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	22.0
179	15.6	12.4	18.6





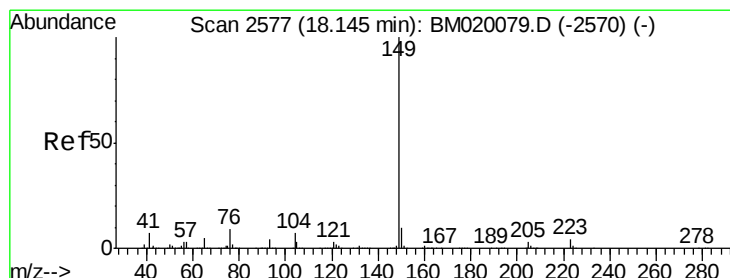
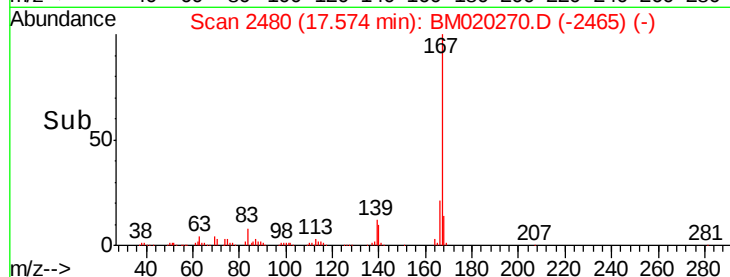
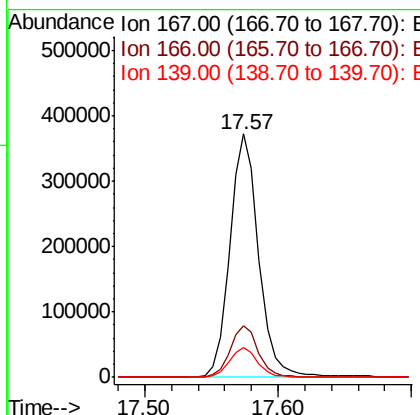
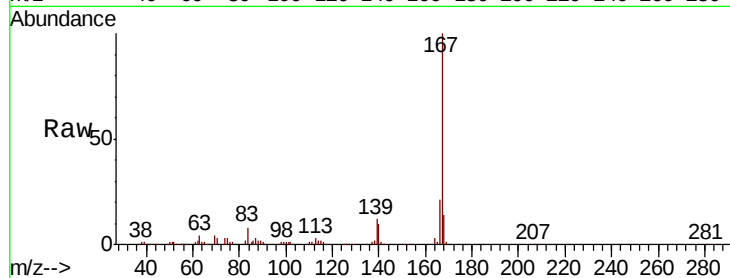
#73
 Carbazole
 Concen: 41.252 ng
 RT: 17.57 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.4	10.6	16.0

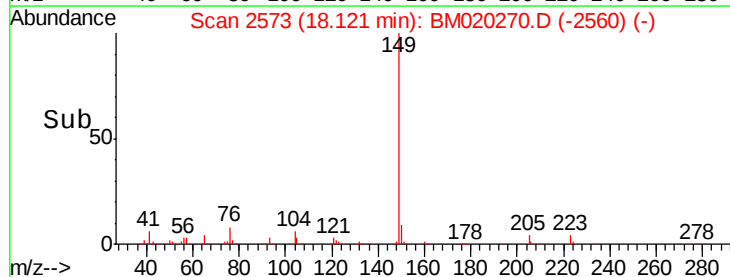
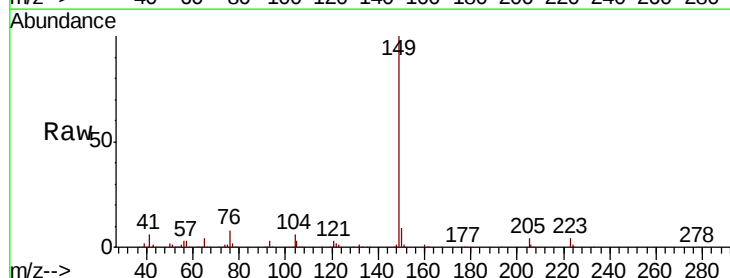
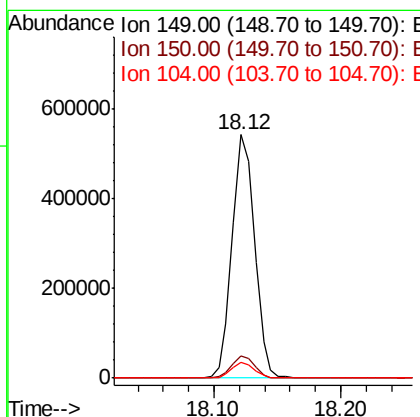
Manual Integrations
 APPROVED

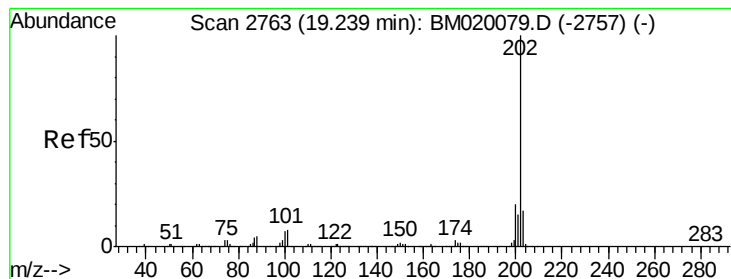
Sohil
 5/14/2019 8:06:01 PM



#74
 Di-n-butylphthalate
 Concen: 40.917 ng
 RT: 18.12 min Scan# 2573
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	6.3	5.7	8.5





#75

Fluoranthene

Concen: 41.217 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

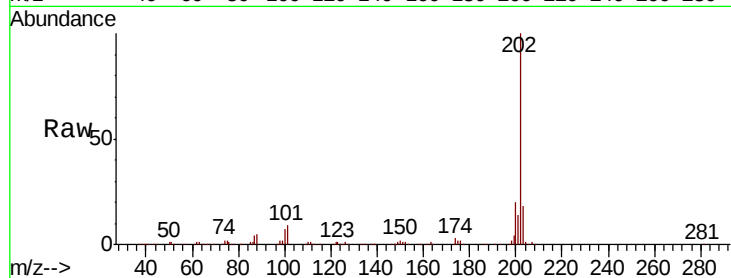
ClientSampleId :

PB119644BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		782482		
101	9.4	0.0	28.4		
203	17.5	0.0	37.4		

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM

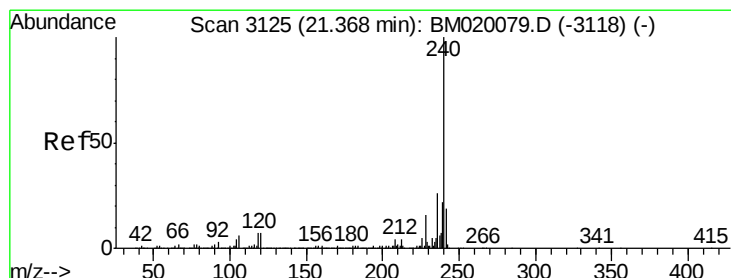
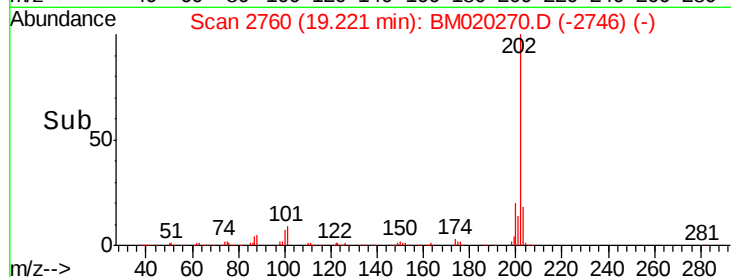
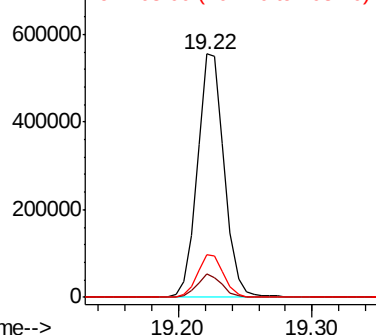


Abundance

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

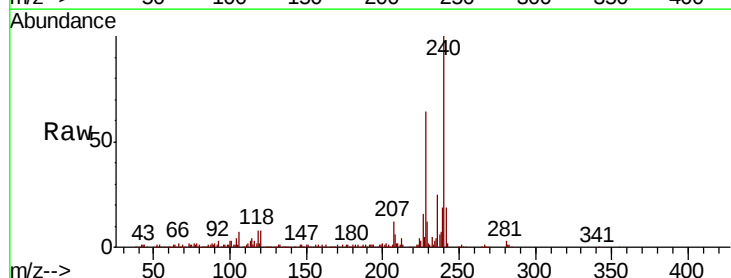
RT: 21.35 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		291432		
120	7.8	5.6	8.4		
236	25.2	20.9	31.3		

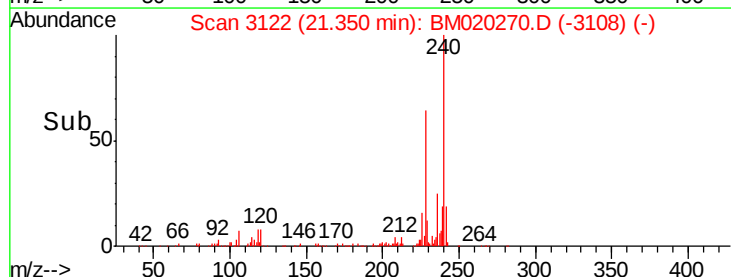
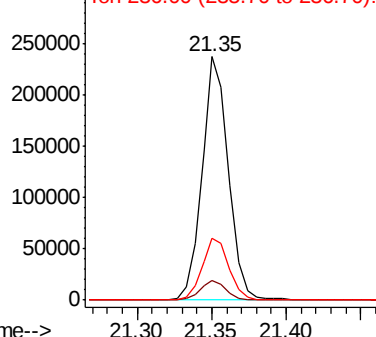


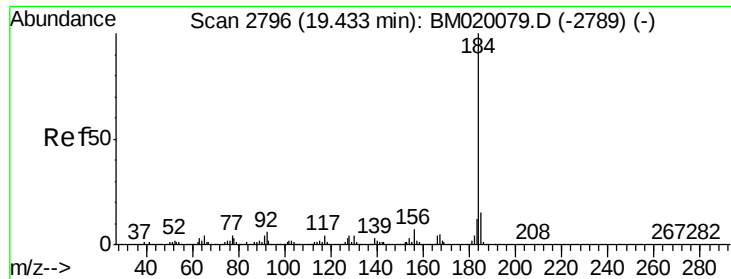
Abundance

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: 25.913 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

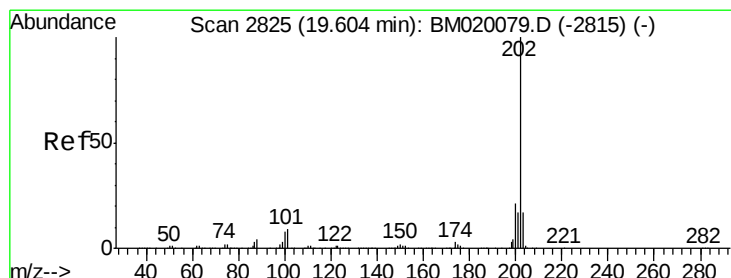
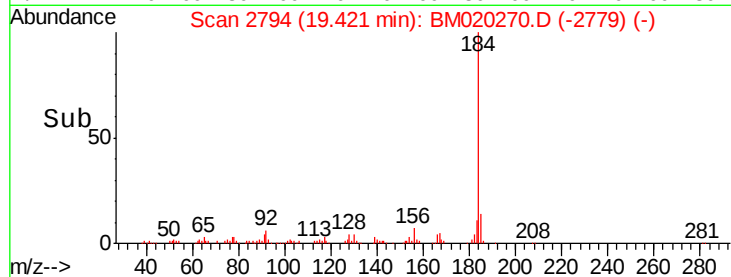
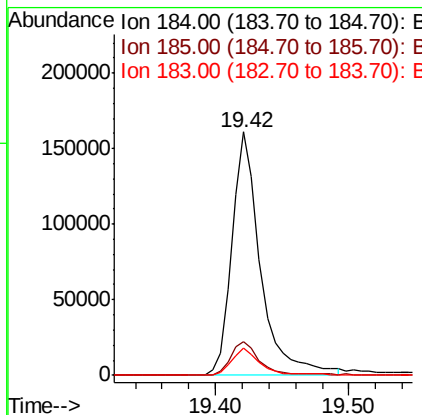
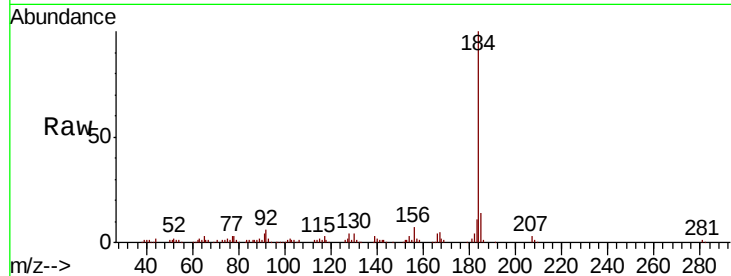
ClientSampleId :

PB119644BS

Tot Ion:	184	Resp:	241434
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.0	18.0
183	11.4	9.5	14.3

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM



#78

Pyrene

Concen: 41.546 ng

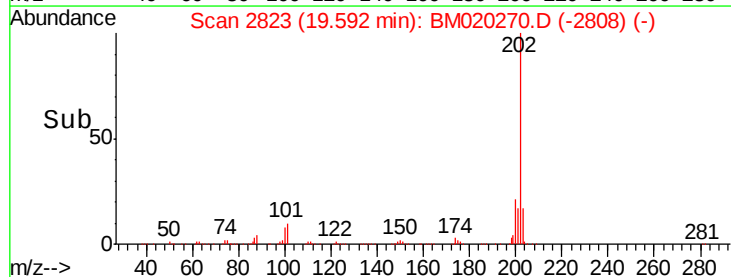
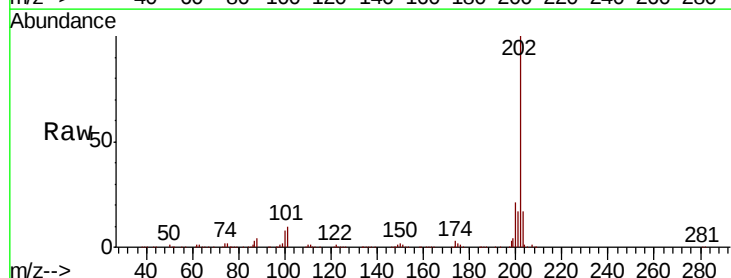
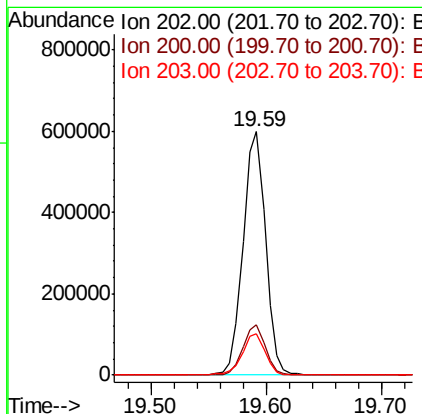
RT: 19.59 min Scan# 2823

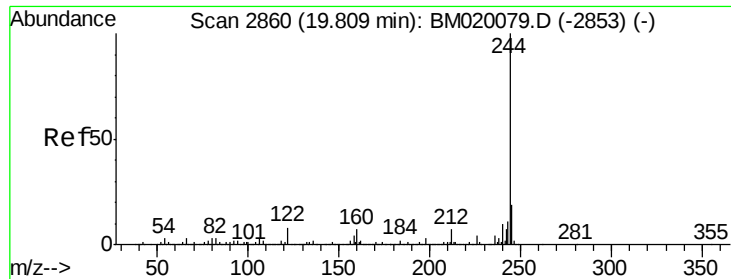
Delta R.T. -0.01 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tgt Ion:	202	Resp:	812907
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.5	24.7
203	16.8	13.9	20.9





#79

Terphenyl-d14

Concen: 76.571 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

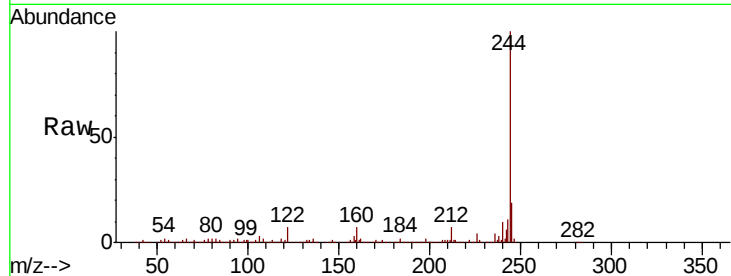
ClientSampled :

PB119644BS

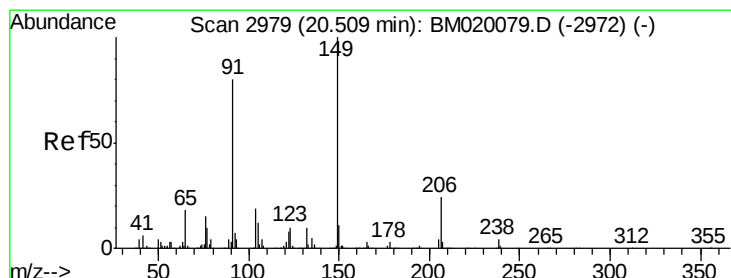
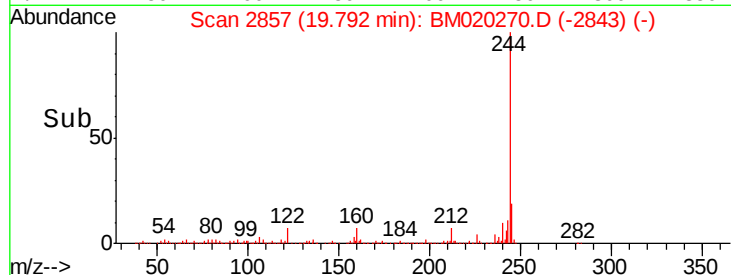
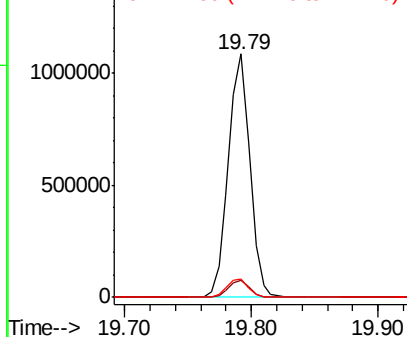
Tot Ion:	244	Resp:	1279386
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.7	8.5
122	7.4	6.2	9.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 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: 45.363 ng

RT: 20.49 min Scan# 2975

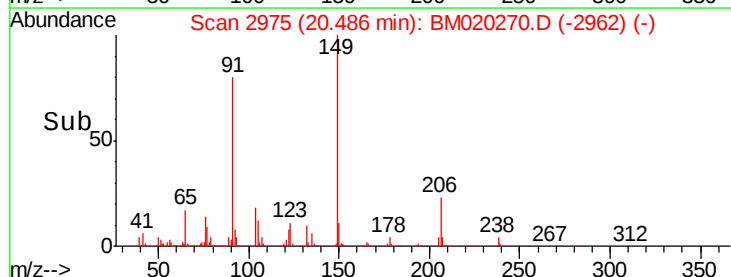
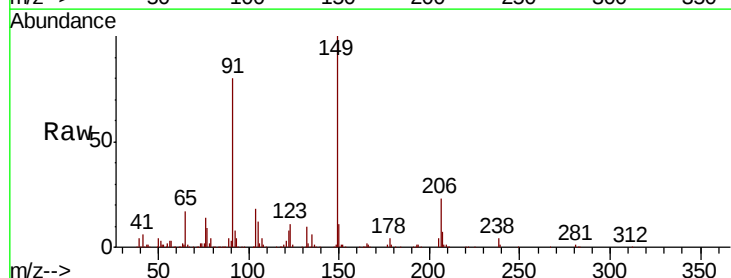
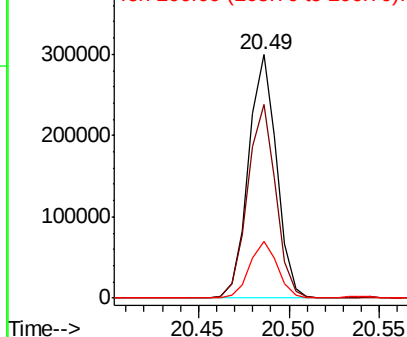
Delta R.T. -0.02 min

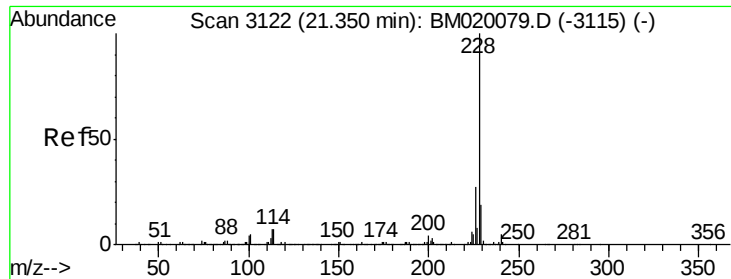
Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tgt Ion:	149	Resp:	322775
Ion Ratio	Lower	Upper	
149	100		
91	79.8	63.8	95.8
206	23.3	18.9	28.3

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





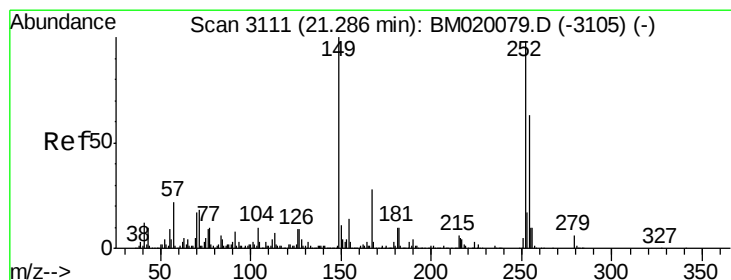
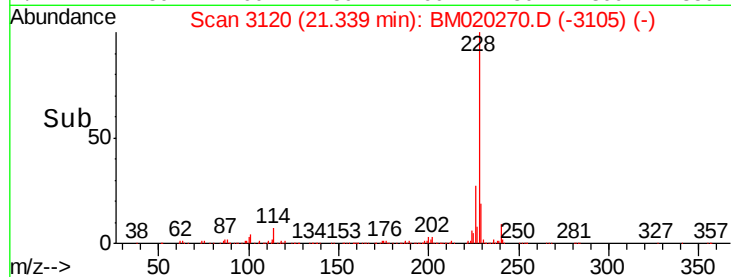
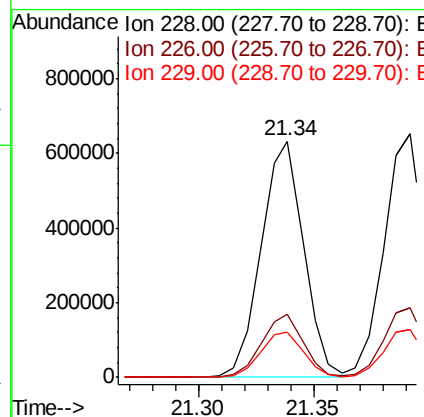
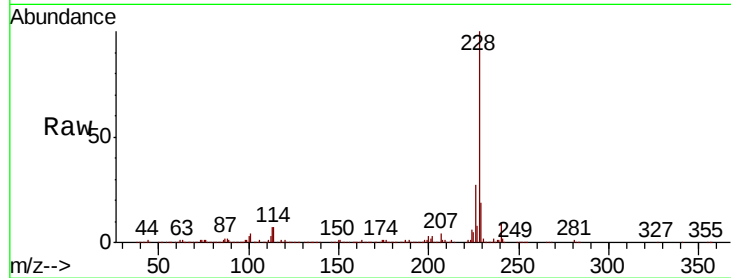
#81
Benzo(a)anthracene
Concen: 39.568 ng
RT: 21.34 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.4	15.5	23.3

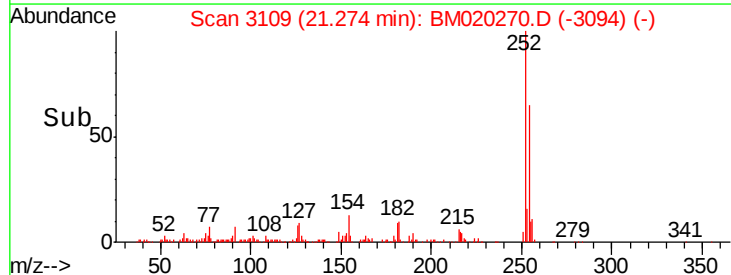
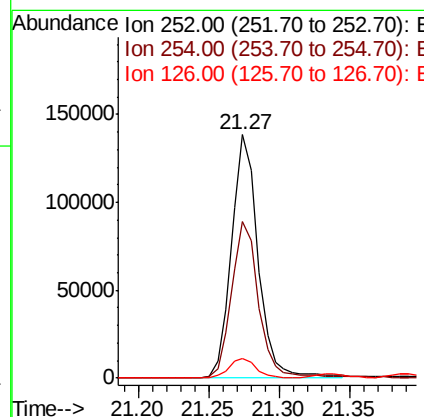
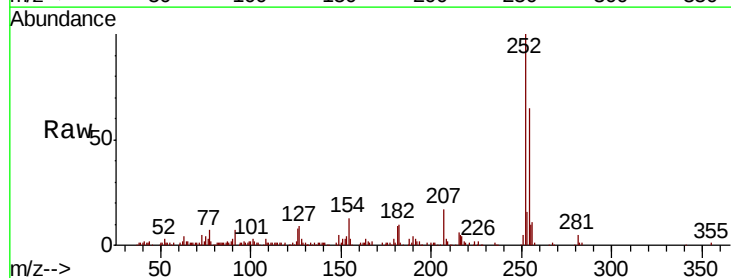
Manual Integrations
APPROVED

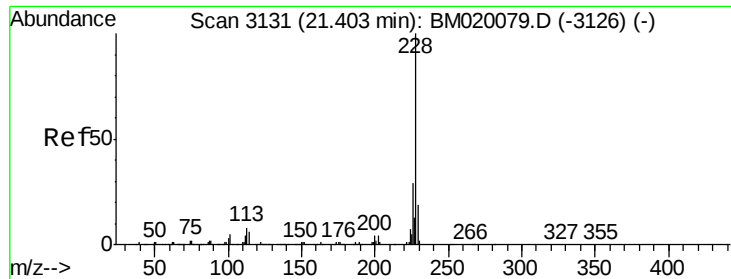
Sohil
5/14/2019 8:06:01 PM



#82
3,3'-Dichlorobenzidine
Concen: 23.409 ng
RT: 21.27 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.1	76.7
126	7.9	7.1	10.7





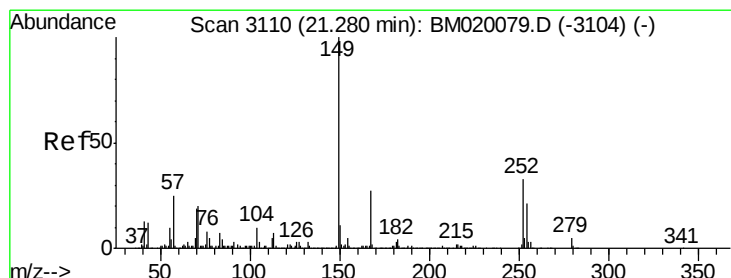
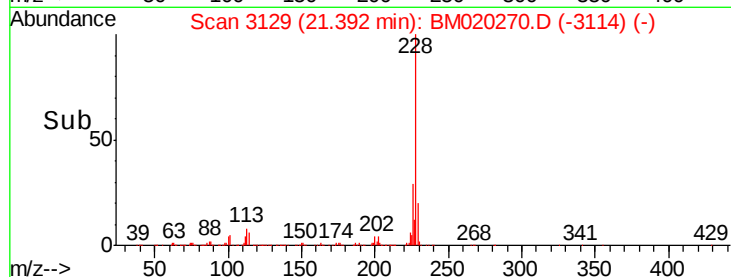
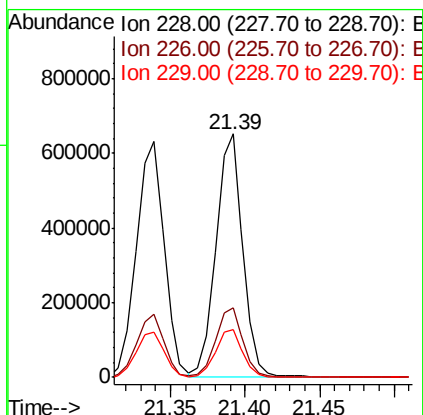
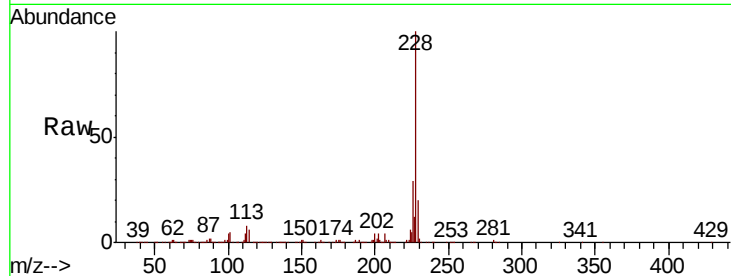
#83
 Chrvsene
 Concen: 41.168 ng
 RT: 21.39 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.6
229	19.8	15.5	23.3

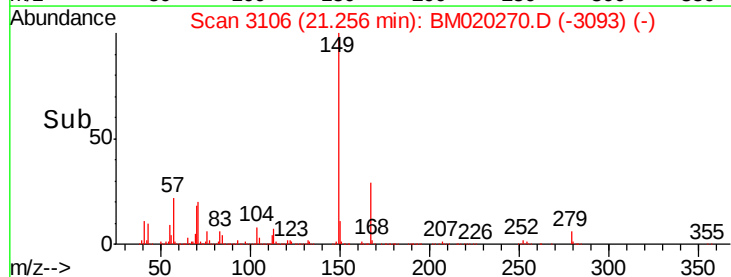
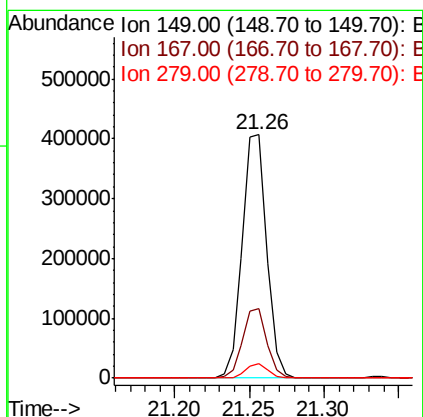
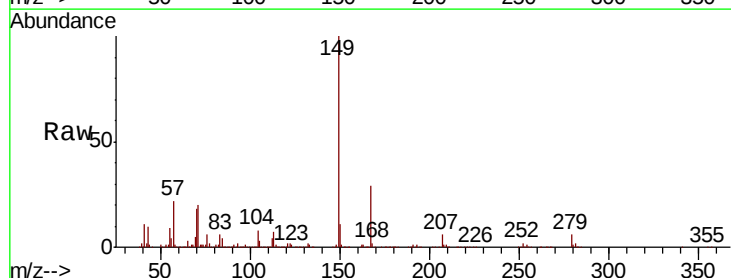
Manual Integrations
 APPROVED

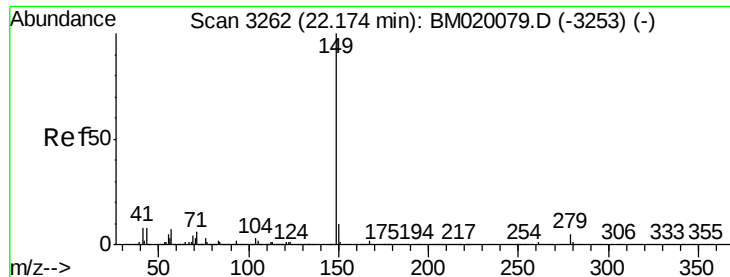
Sohil
 5/14/2019 8:06:01 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.900 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.8	32.8
279	5.9	4.2	6.2





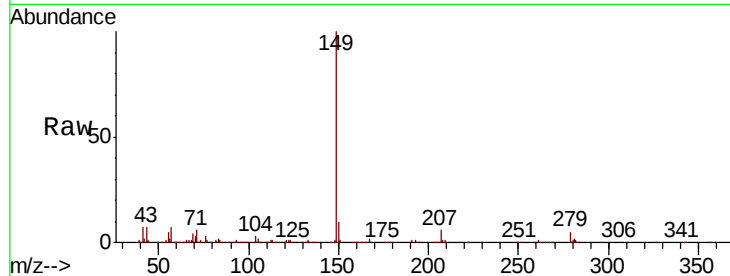
#85
Di-n-octyl phthalate
Concen: 45.375 ng
RT: 22.14 min Scan# 3257
Delta R.T. -0.03 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

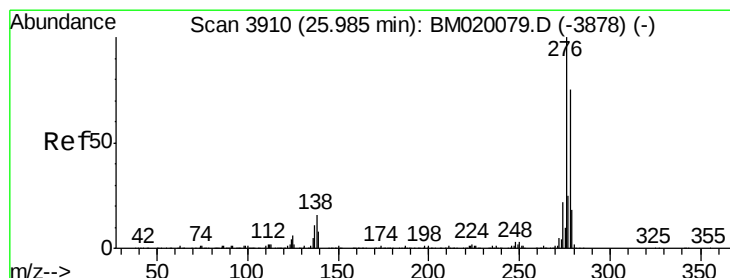
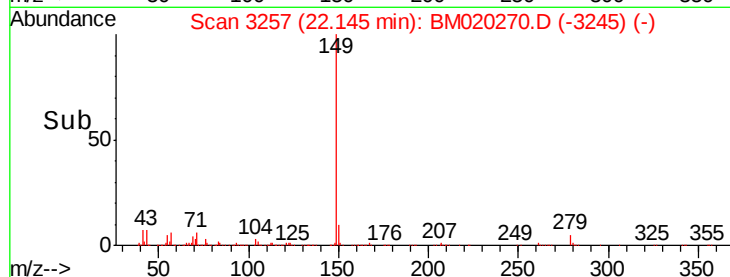
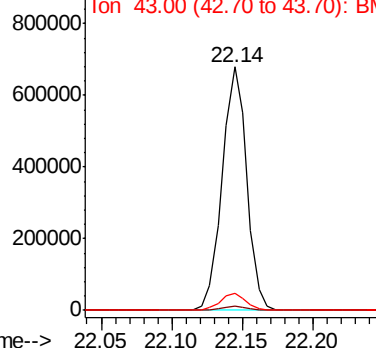
Tot Ion:	149	Resp:	832682
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.3	1.9
43	6.9	6.5	9.7

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM



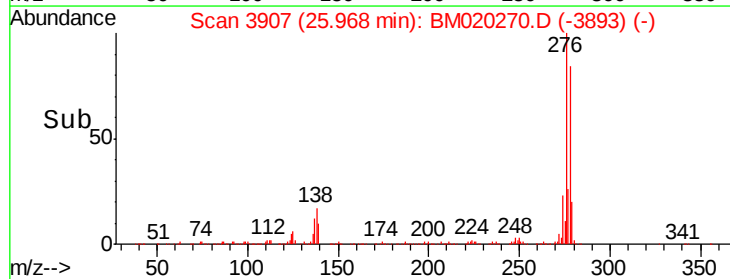
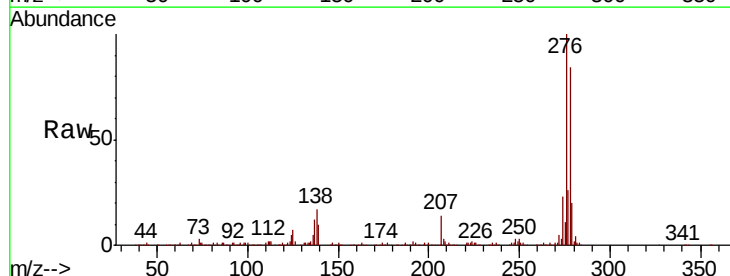
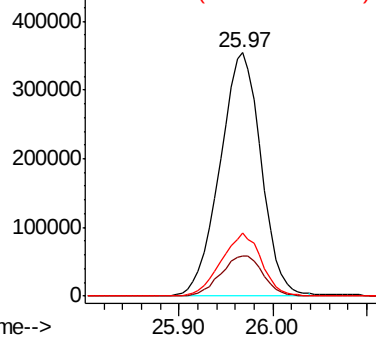
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

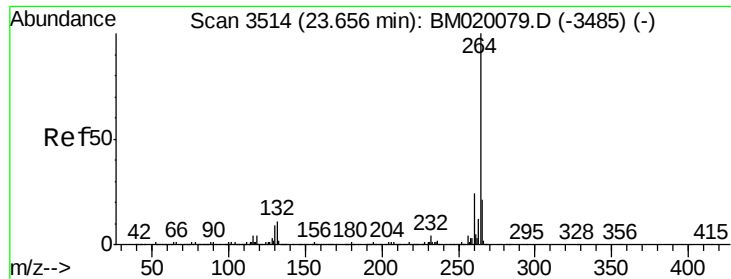


#86
Indeno(1,2,3-cd)pyrene
Concen: 45.640 ng
RT: 25.97 min Scan# 3907
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion:	276	Resp:	1076064
Ion Ratio	Lower	Upper	
276	100		
138	17.0	0.0	0.0#
277	25.3	0.0	0.0#

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





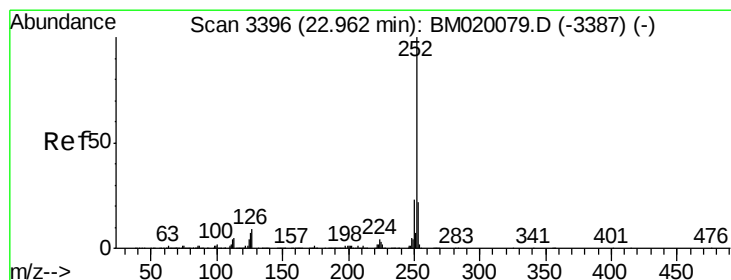
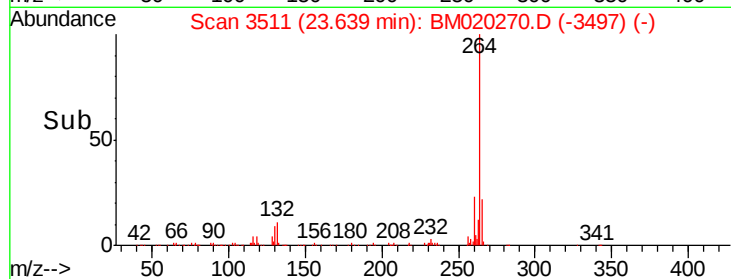
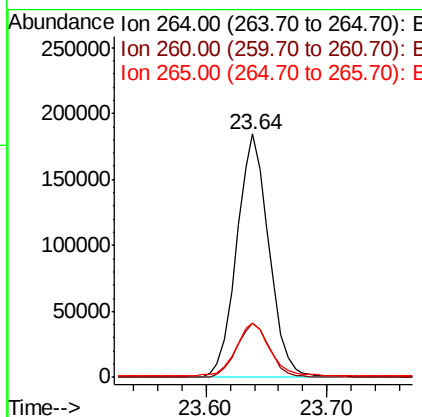
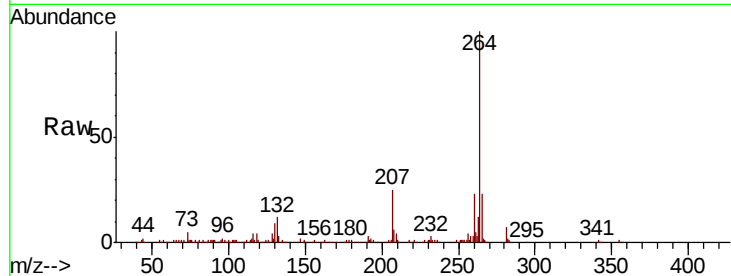
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Instrument :
 BNA_M
 ClientSampleId :
 PB119644BS

Tot Ion:	264	Resp:	342663
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.2	28.8
265	22.5	16.9	25.3

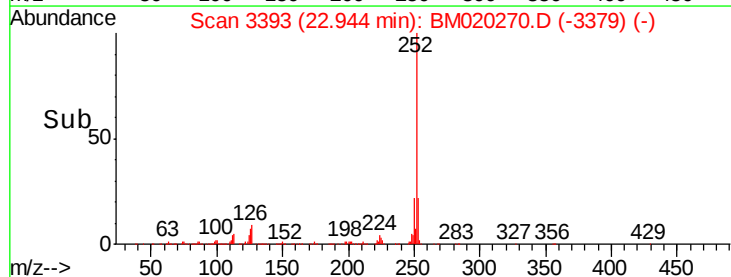
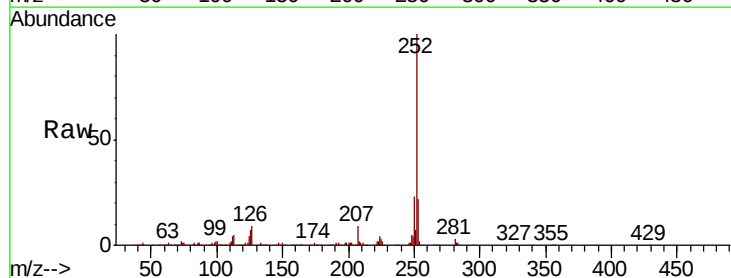
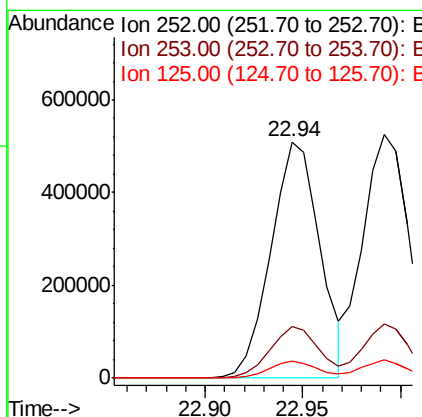
Manual Integrations
 APPROVED

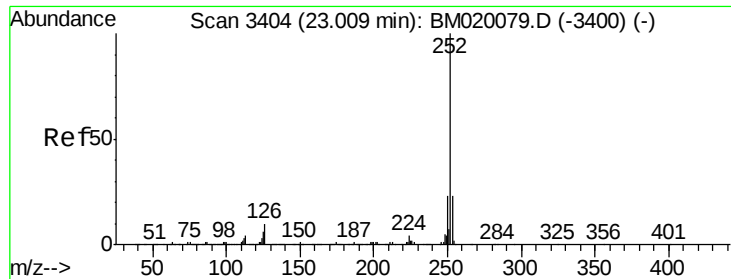
Sohil
 5/14/2019 8:06:01 PM



#88
 Benzo(b)fluoranthene
 Concen: 39.125 ng
 RT: 22.94 min Scan# 3393
 Delta R.T. -0.02 min
 Lab File: BM020270.D
 Acq: 11 May 2019 13:41

Tgt Ion:	252	Resp:	885307
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.5	26.3
125	7.0	5.4	8.2





#89

Benzo(k)fluoranthene

Concen: 42.391 ng

RT: 22.99 min Scan# 3401

Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Instrument :

BNA_M

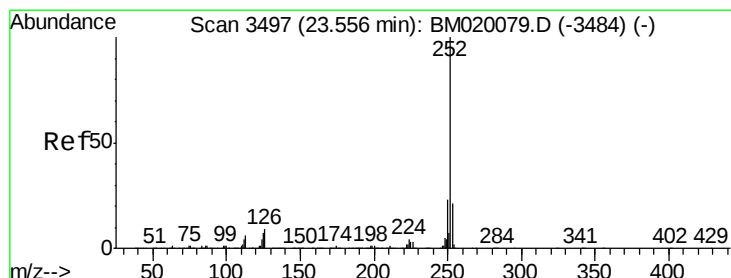
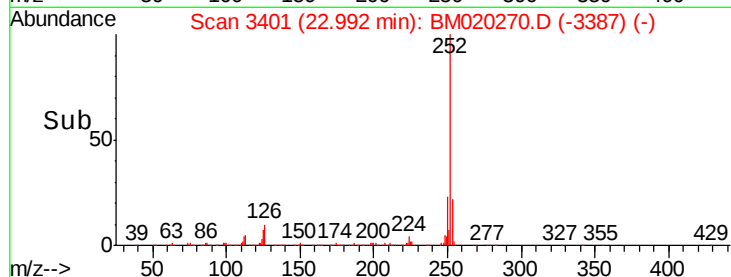
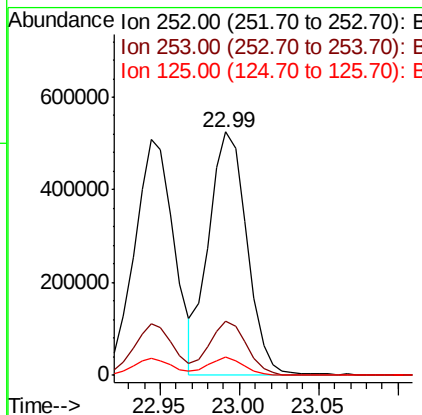
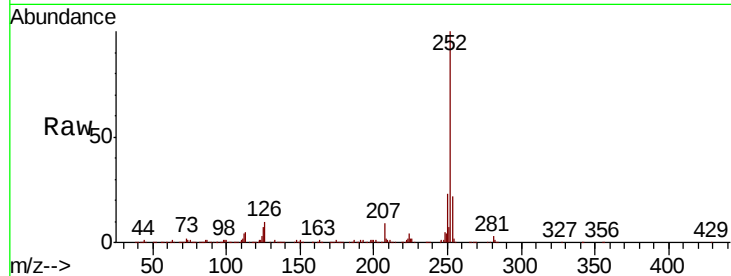
ClientSampleId :

PB119644BS

Tot Ion:	252	Resp:	874984
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	7.4	5.4	8.0

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM



#90

Benzo(a)pyrene

Concen: 42.395 ng

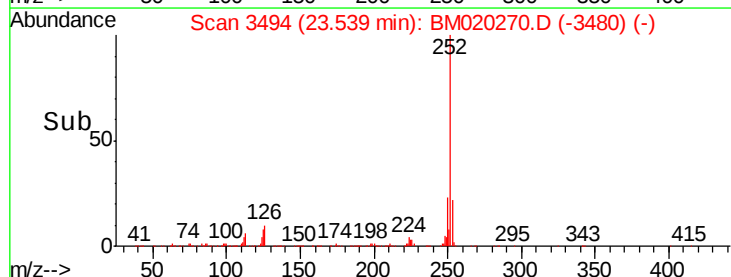
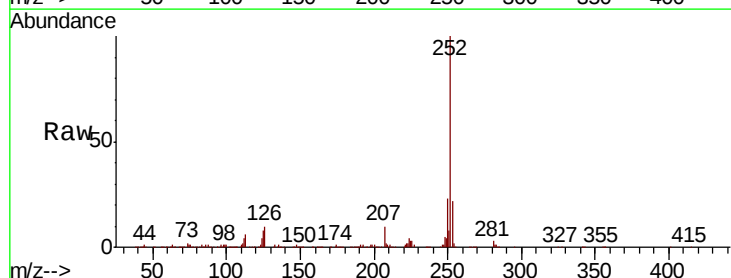
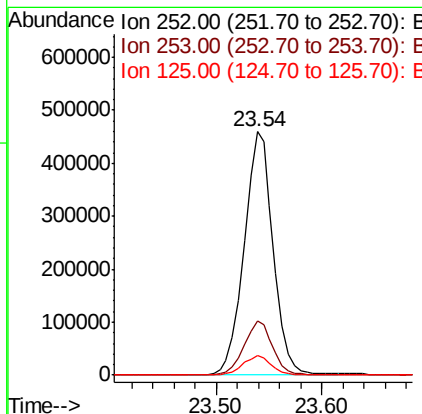
RT: 23.54 min Scan# 3494

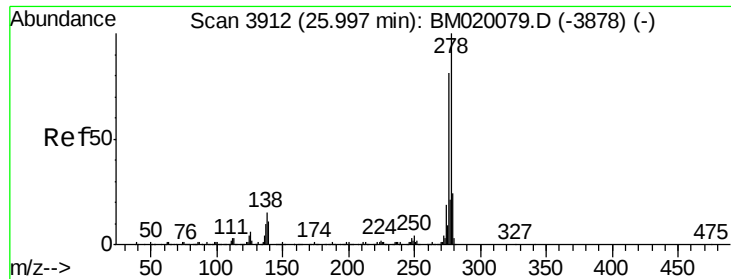
Delta R.T. -0.02 min

Lab File: BM020270.D

Acq: 11 May 2019 13:41

Tgt Ion:	252	Resp:	871352
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	7.9	5.5	8.3





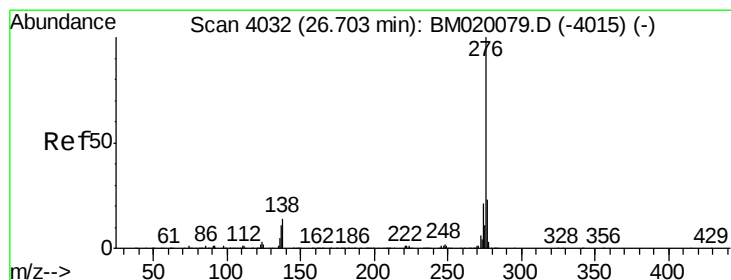
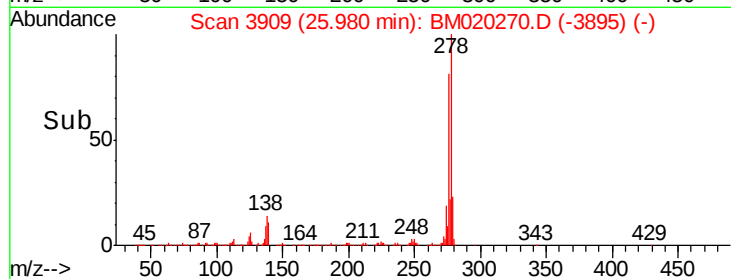
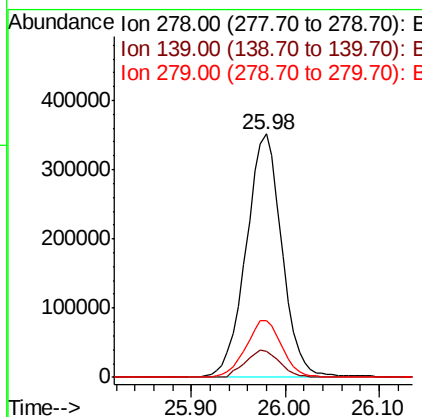
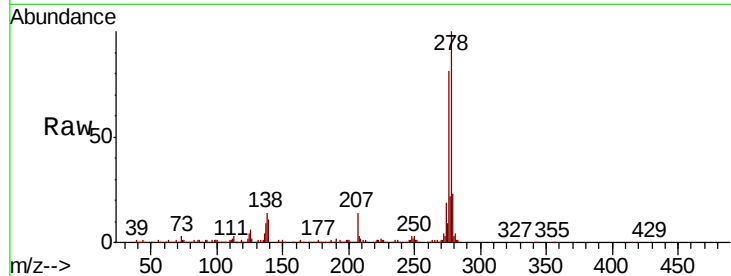
#91
Dibenzo(a,h)anthracene
Concen: 43.345 ng
RT: 25.98 min Scan# 3909
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Instrument :
BNA_M
ClientSampleId :
PB119644BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.6	8.6	13.0
279	23.4	18.8	28.2

Manual Integrations
APPROVED

Sohil
5/14/2019 8:06:01 PM



#92
Benzo(g,h,i)perylene
Concen: 44.323 ng
RT: 26.69 min Scan# 4029
Delta R.T. -0.02 min
Lab File: BM020270.D
Acq: 11 May 2019 13:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.4	27.6
138	14.2	11.1	16.7

