

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019276.D
 Acq On : 20 Mar 2019 23:48
 Operator : JU/SJ
 Sample : PB118092BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118092BS

Manual Integrations
 APPROVED

Sohil
 3/22/2019 6:04:52 PM

Quant Time: Mar 21 17:51:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	175800	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	821844	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	508545	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	1122636	20.00	ng	0.00
76) Chrysene-d12	21.25	240	1034878	20.00	ng	0.00
87) Perylene-d12	23.47	264	861832	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	825306	76.03	ng	0.00
7) Phenol-d6	6.82	99	1294762	81.54	ng	0.00
23) Nitrobenzene-d5	8.80	82	1394744	80.22	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	642645	85.59	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3125409	79.94	ng	0.00
79) Terphenyl-d14	19.69	244	5340849	102.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.20	88	172019	35.622	ng	98
3) Pyridine	3.60	79	558138	42.483	ng	99
4) n-Nitrosodimethylamine	3.52	42	156059	38.209	ng	98
6) Aniline	6.98	93	872053	42.539	ng	98
8) 2-Chlorophenol	7.20	128	525719	40.301	ng	99
9) Benzaldehyde	6.80	77	322206	32.261	ng	99
10) Phenol	6.85	94	728876	42.594	ng	99
11) bis(2-Chloroethyl)ether	7.07	93	525424	40.239	ng	97
12) 1,3-Dichlorobenzene	7.52	146	556289	40.297	ng	98
13) 1,4-Dichlorobenzene	7.67	146	565447	40.176	ng	99
14) 1,2-Dichlorobenzene	7.98	146	560245	40.915	ng	100
15) Benzyl Alcohol	7.89	79	554693	42.210	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.16	45	537326	40.301	ng	99
17) 2-Methylphenol	8.08	107	482096	43.233	ng	98
18) Hexachloroethane	8.69	117	206690	39.522	ng	100
19) n-Nitroso-di-n-propylamine	8.45	70	554574	42.573	ng	99
20) 3+4-Methylphenols	8.41	107	679608	44.899	ng	98
22) Acetophenone	8.46	105	918226	40.429	ng	# 99
24) Nitrobenzene	8.85	77	748688	41.406	ng	99
25) Isophorone	9.36	82	1413013	42.592	ng	99
26) 2-Nitrophenol	9.55	139	322418	43.017	ng	95
27) 2,4-Dimethylphenol	9.60	122	532296	47.771	ng	100
28) bis(2-Chloroethoxy)methane	9.85	93	815029	41.490	ng	99
29) 2,4-Dichlorophenol	10.07	162	559732	45.357	ng	99
30) 1,2,4-Trichlorobenzene	10.28	180	591683	42.521	ng	100
31) Naphthalene	10.47	128	1811005	41.808	ng	100
32) Benzoic acid	9.79	122	379802m	40.247	ng	
33) 4-Chloroaniline	10.60	127	802855	45.214	ng	100
34) Hexachlorobutadiene	10.73	225	317122	39.713	ng	100
35) Caprolactam	11.43	113	196625m	44.728	ng	
36) 4-Chloro-3-methylphenol	11.73	107	673668	44.242	ng	99
37) 2-Methylnaphthalene	12.09	142	1385434	44.013	ng	100
38) 1-Methylnaphthalene	12.31	142	1316409	42.429	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	666025	41.403	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032019\
 Data File : BM019276.D
 Acq On : 20 Mar 2019 23:48
 Operator : JU/SJ
 Sample : PB118092BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB118092BS

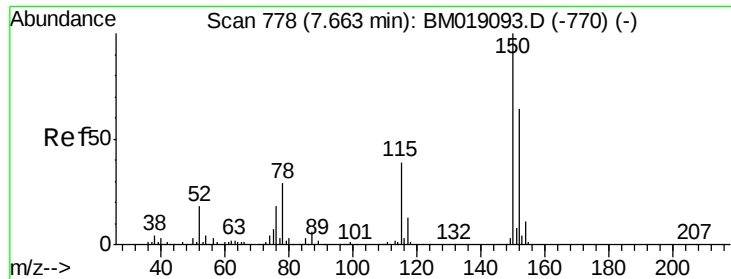
Manual Integrations
 APPROVED

Sohil
 3/22/2019 6:04:52 PM

Quant Time: Mar 21 17:51:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 17:06:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	662564	90.929	ng	100
43) 2,4,6-Trichlorophenol	12.71	196	470167	45.226	ng	97
44) 2,4,5-Trichlorophenol	12.79	196	490422	44.116	ng	100
46) 1,1'-Biphenyl	13.12	154	1783615	40.161	ng	100
47) 2-Chloronaphthalene	13.16	162	1403567	42.339	ng	100
48) 2-Nitroaniline	13.39	65	473236	42.566	ng	99
49) Acenaphthylene	14.02	152	2310903	41.227	ng	100
50) Dimethylphthalate	13.76	163	1801639	41.413	ng	100
51) 2,6-Dinitrotoluene	13.89	165	400646	42.603	ng	100
52) Acenaphthene	14.36	154	1322333	41.056	ng	99
53) 3-Nitroaniline	14.23	138	408068	40.970	ng	99
54) 2,4-Dinitrophenol	14.44	184	393718	72.090	ng	99
55) Dibenzofuran	14.69	168	2187135	42.107	ng	99
56) 4-Nitrophenol	14.54	139	625794	76.952	ng	99
57) 2,4-Dinitrotoluene	14.69	165	565758	41.444	ng	98
58) Fluorene	15.34	166	1783913	41.666	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	449039	43.389	ng	99
60) Diethylphthalate	15.13	149	1843104	41.832	ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	882452	42.437	ng	99
62) 4-Nitroaniline	15.40	138	398444	39.695	ng	98
63) Azobenzene	15.64	77	1947846	42.013	ng	99
65) 4,6-Dinitro-2-methylphenol	15.44	198	287789	39.120	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1534974	42.947	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	527596	42.617	ng	99
68) Hexachlorobenzene	16.34	284	633676	43.054	ng	98
69) Atrazine	16.53	200	404415	33.614	ng	99
70) Pentachlorophenol	16.70	266	714062	80.525	ng	100
71) Phenanthrene	17.09	178	2712333	41.220	ng	100
72) Anthracene	17.18	178	2761916	42.875	ng	99
73) Carbazole	17.46	167	2456110	40.397	ng	100
74) Di-n-butylphthalate	18.02	149	3181795	43.277	ng	100
75) Fluoranthene	19.12	202	2997365	39.697	ng	99
77) Benzidine	19.32	184	2821698	96.140	ng	100
78) Pyrene	19.48	202	3041483	46.451	ng	100
80) Butylbenzylphthalate	20.39	149	1442529	50.581	ng	99
81) Benzo(a)anthracene	21.23	228	2711226	41.760	ng	100
82) 3,3'-Dichlorobenzidine	21.17	252	1054205	42.150	ng	100
83) Chrysene	21.29	228	2512499	40.001	ng	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2099910	50.611	ng	100
85) Di-n-octyl phthalate	22.03	149	3350485	47.956	ng	100
86) Indeno(1,2,3-cd)pyrene	25.73	276	2499509	36.968	ng	100
88) Benzo(b)fluoranthene	22.80	252	2365999	42.367	ng	98
89) Benzo(k)fluoranthene	22.85	252	2333137	45.423	ng	100
90) Benzo(a)pyrene	23.38	252	2197593	43.789	ng	99
91) Dibenzo(a,h)anthracene	25.74	278	2141289	44.603	ng	99
92) Benzo(g,h,i)perylene	26.42	276	2030650	46.072	ng	99

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



#1

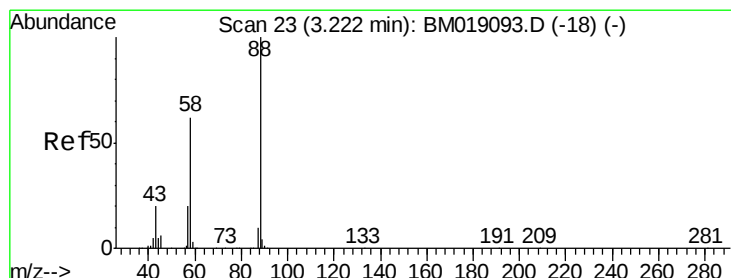
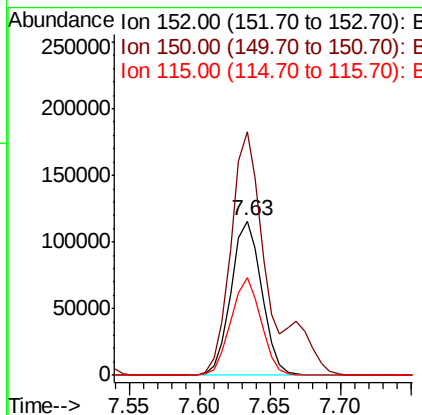
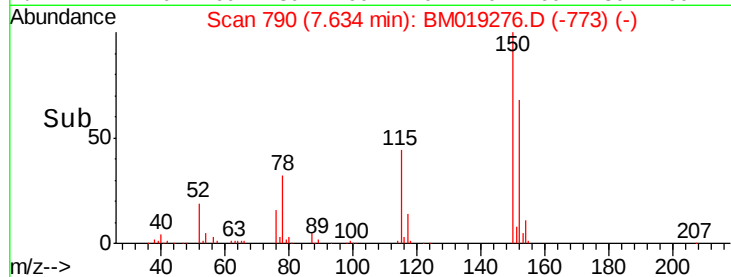
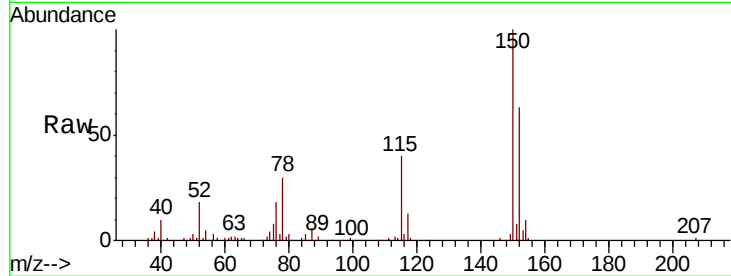
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleID :
PB118092BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.8	185.6
115	63.7	48.9	73.3

Manual Integrations
APPROVED

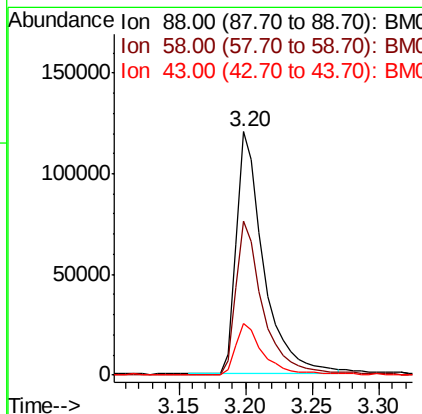
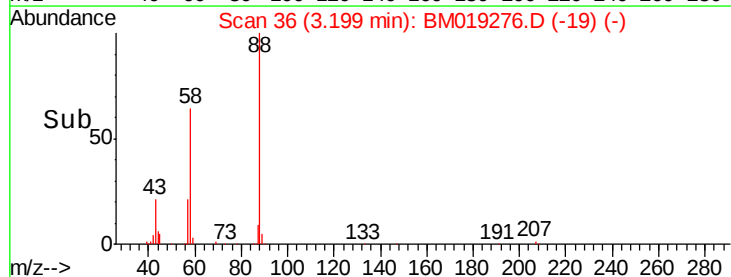
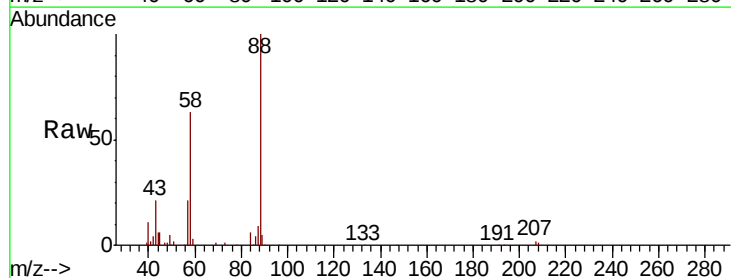
Sohil
3/22/2019 6:04:52 PM



#2

1,4-Dioxane
Concen: 35.622 ng
RT: 3.20 min Scan# 36
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.3	49.5	74.3
43	21.9	17.2	25.8





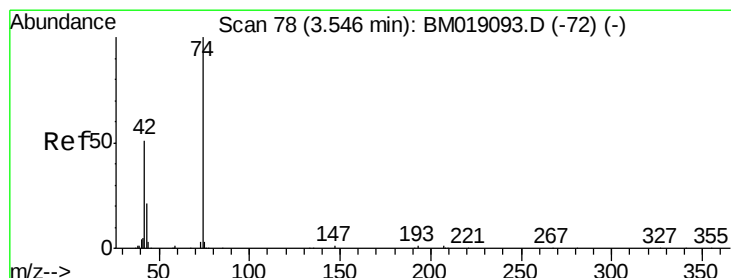
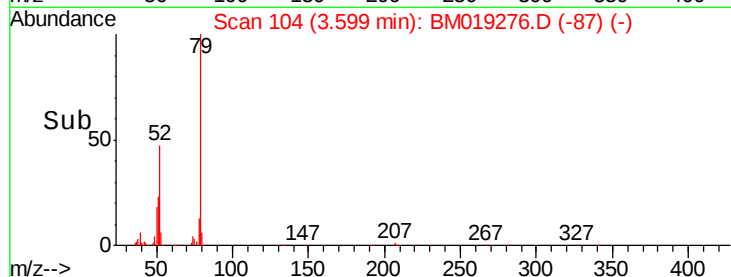
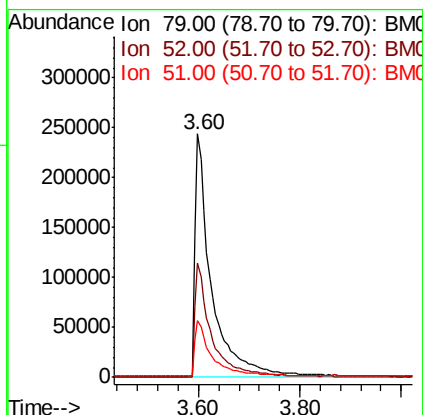
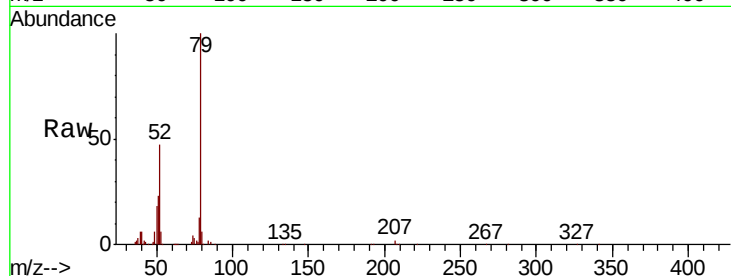
#3
Pvridine
Concen: 42.483 ng
RT: 3.60 min Scan# 104
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.9	38.1	57.1
51	23.2	19.0	28.6

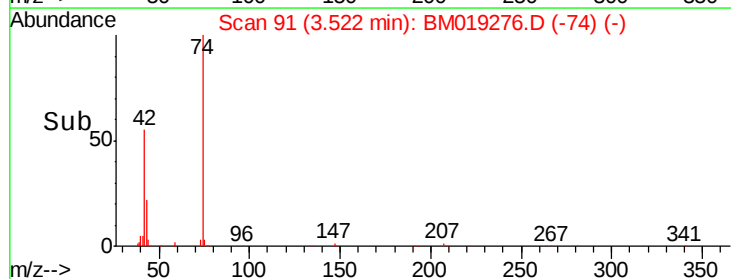
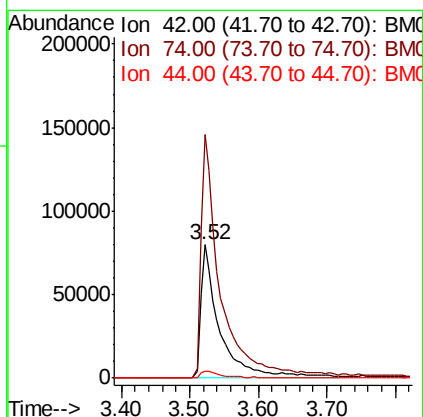
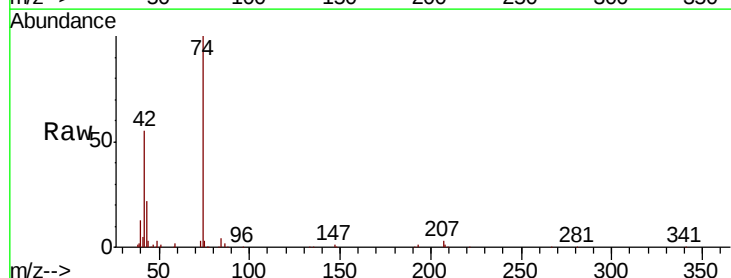
Manual Integrations
APPROVED

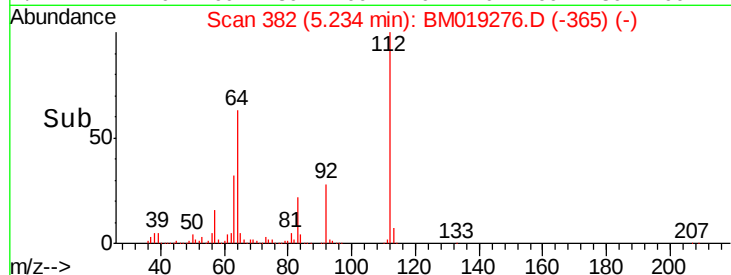
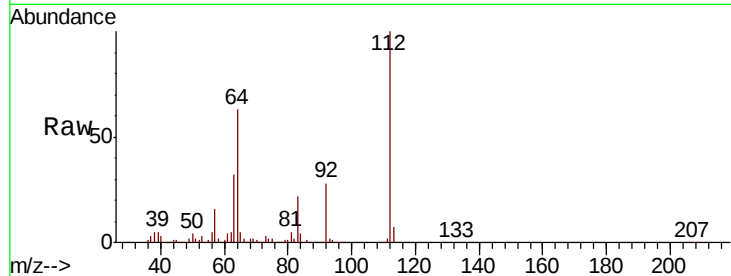
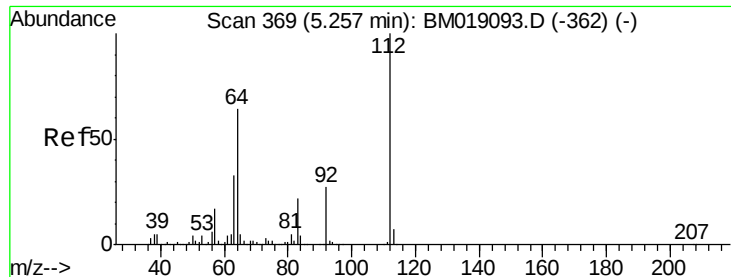
Sohil
3/22/2019 6:04:52 PM



#4
n-Nitrosodimethylamine
Concen: 38.209 ng
RT: 3.52 min Scan# 91
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	183.1	148.6	222.8
44	5.2	4.6	7.0





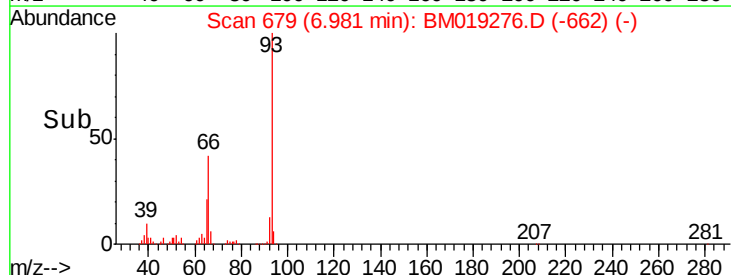
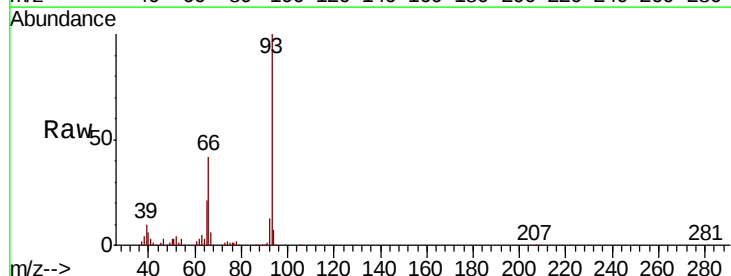
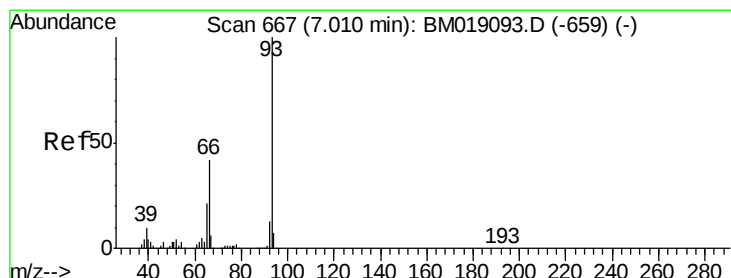
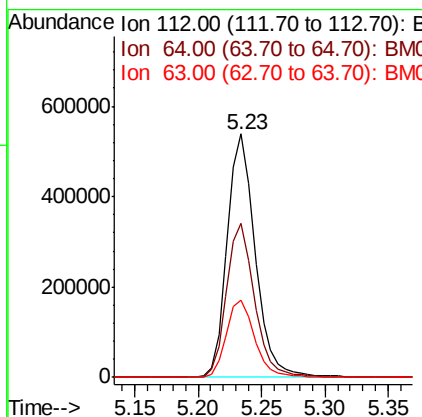
#5
2-Fluorophenol
Concen: 76.028 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tot Ion	Ratio	Resp	Lower	Upper
112	100	825306		
64	63.1	50.6	75.8	
63	31.5	25.8	38.6	

Instrument :
BNA_M
ClientSampleId :
PB118092BS

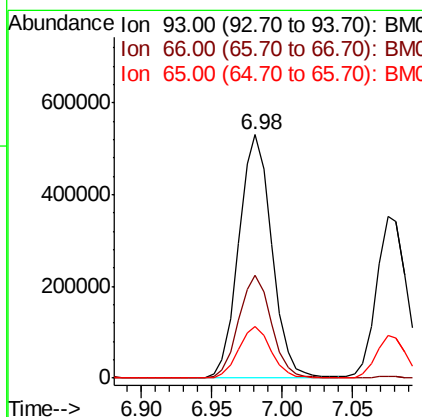
Manual Integrations
APPROVED

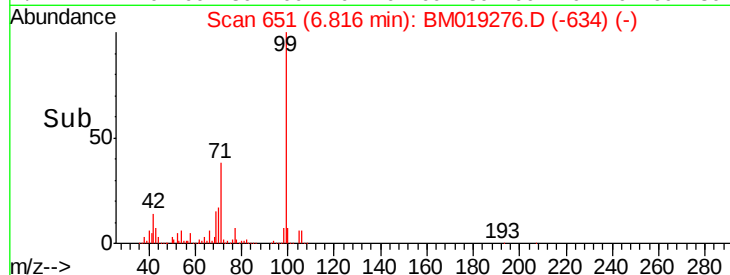
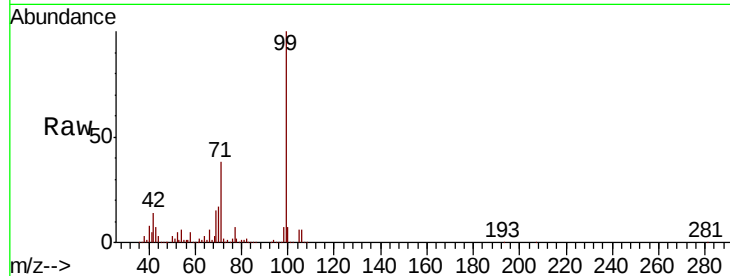
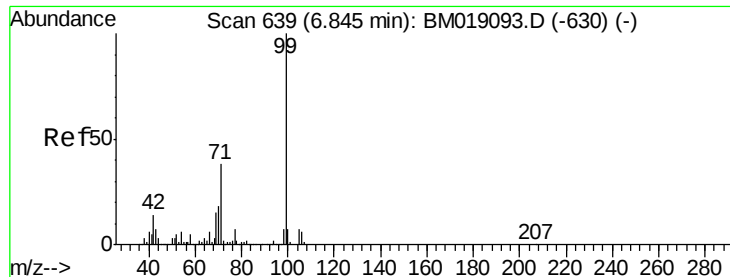
Sohil
3/22/2019 6:04:52 PM



#6
Aniline
Concen: 42.539 ng
RT: 6.98 min Scan# 679
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	872053		
66	42.1	32.8	49.2	
65	21.0	16.2	24.4	





#7

Phenol-d6

Concen: 81.543 ng

RT: 6.82 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Tot Ion: 99 Resp: 1294762

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.6

71 38.0 30.1 45.1

Instrument :

BNA_M

ClientSampled :

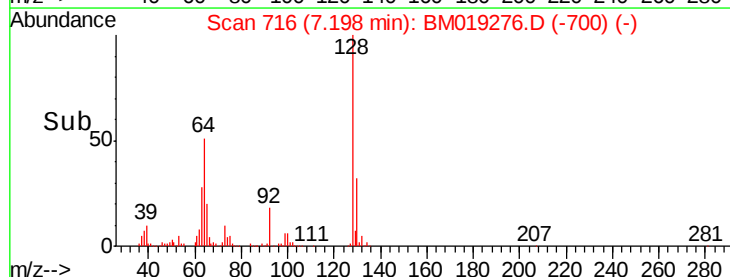
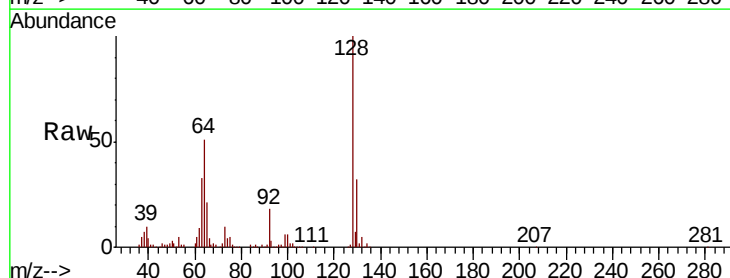
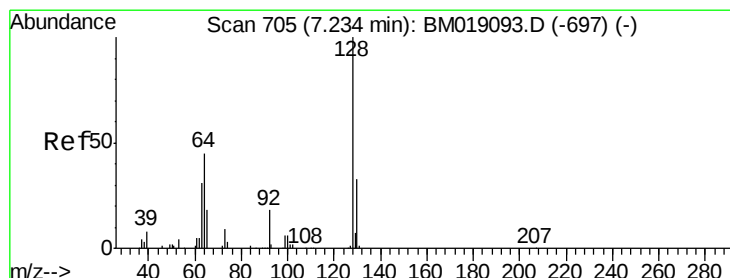
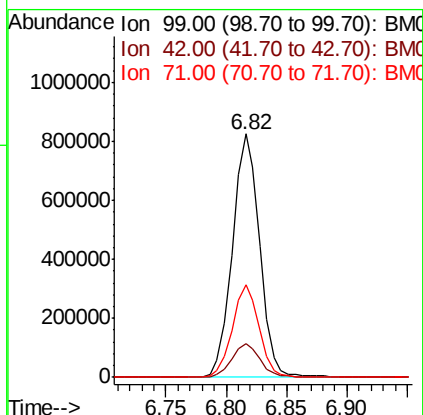
PB118092BS

Manual Integrations

APPROVED

Sohil

3/22/2019 6:04:52 PM



#8

2-Chlorophenol

Concen: 40.301 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

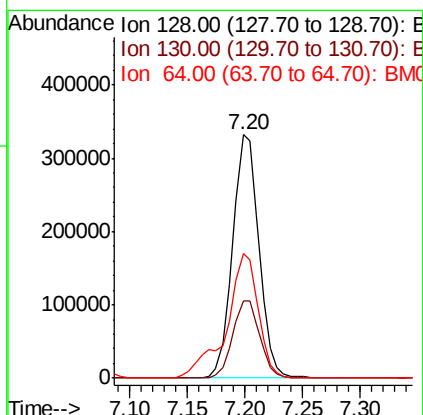
Tgt Ion: 128 Resp: 525719

Ion Ratio Lower Upper

128 100

130 31.6 11.7 51.7

64 51.2 30.6 70.6





#9

Benzaldehyde

Concen: 32.261 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

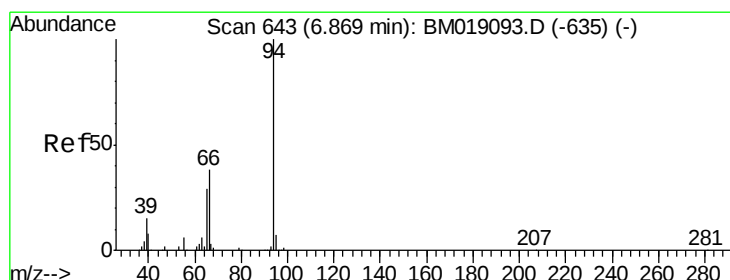
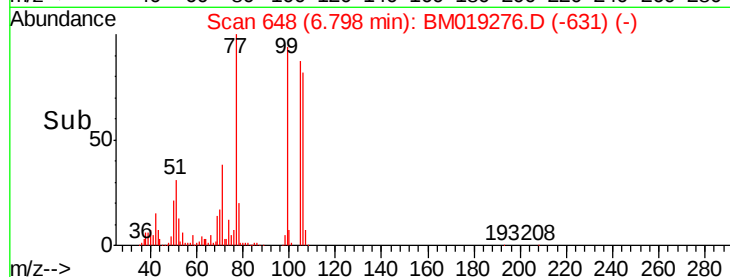
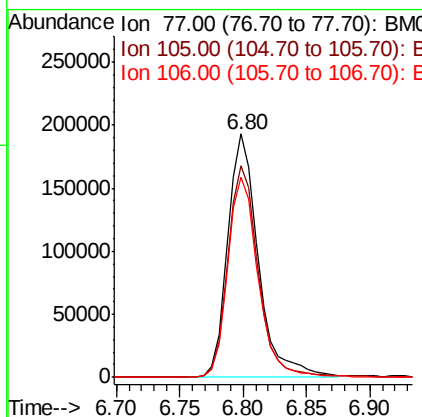
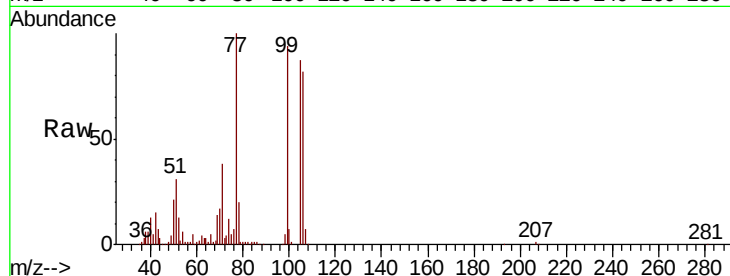
ClientSampleID :

PB118092BS

Tot Ion:	77	Resp:	322206
Ion	Ratio	Lower	Upper
77	100		
105	86.7	67.6	107.6
106	82.3	63.6	103.6

Manual Integrations
APPROVED

Sohil
3/22/2019 6:04:52 PM



#10

Phenol

Concen: 42.594 ng

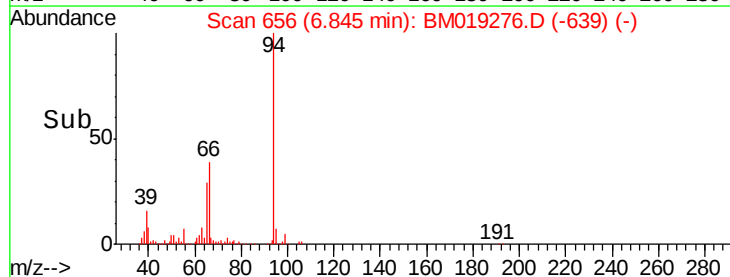
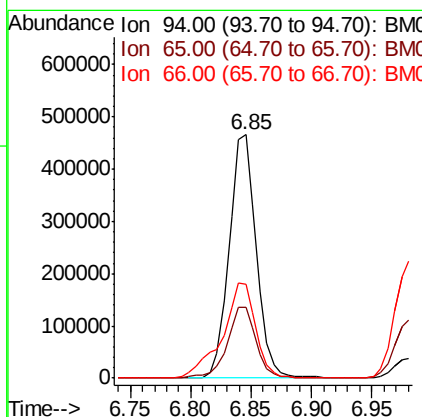
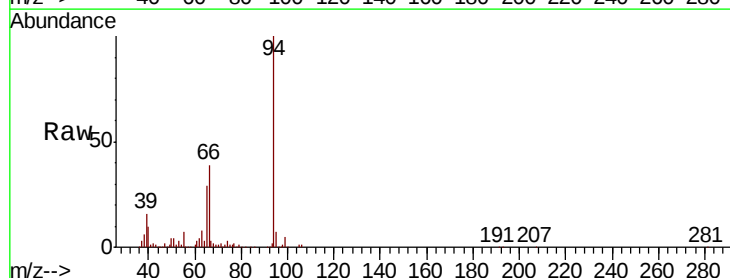
RT: 6.85 min Scan# 656

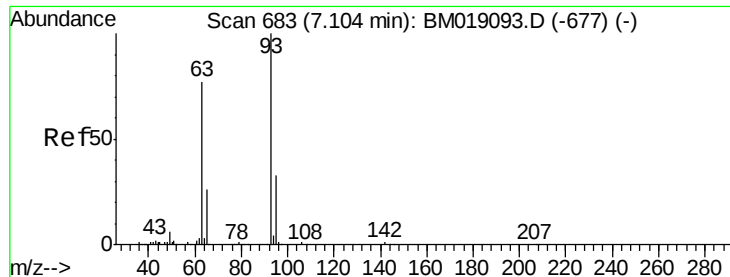
Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Tgt Ion:	94	Resp:	728876
Ion	Ratio	Lower	Upper
94	100		
65	29.3	9.2	49.2
66	38.7	17.7	57.7





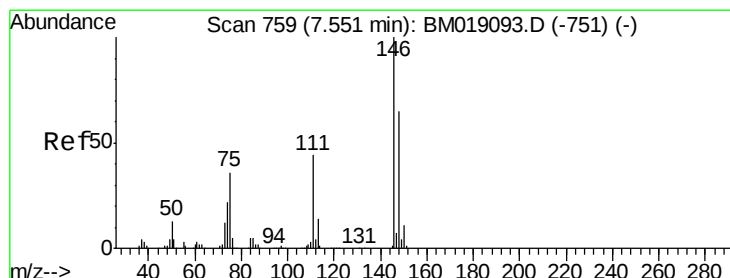
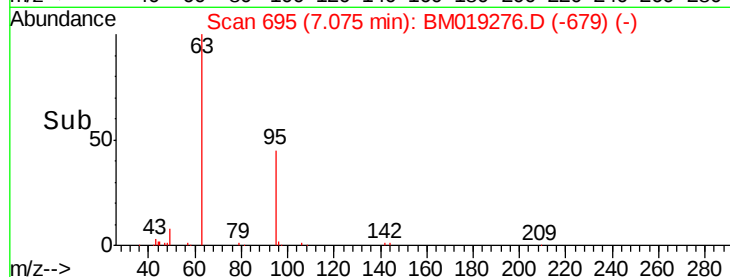
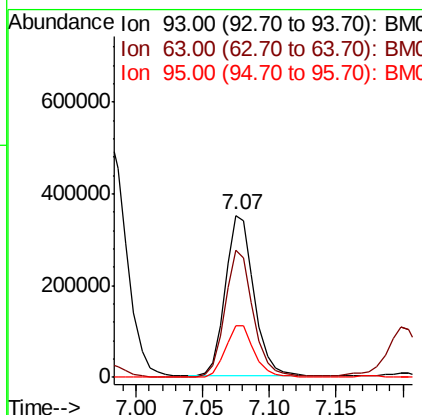
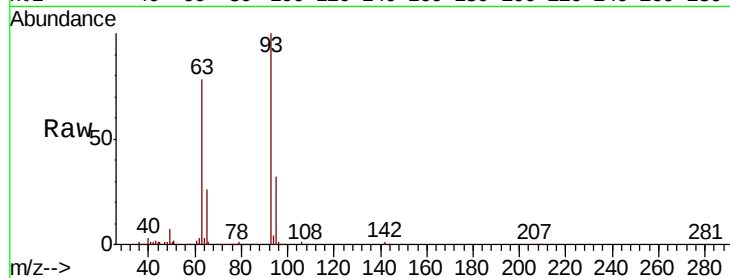
#11
bis(2-Chloroethyl)ether
Concen: 40.239 ng
RT: 7.07 min Scan# 695
Delta R.T. -0.01 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion:	93	Resp:	525424
Ion	Ratio	Lower	Upper
93	100		
63	78.1	54.6	94.6
95	32.2	12.6	52.6

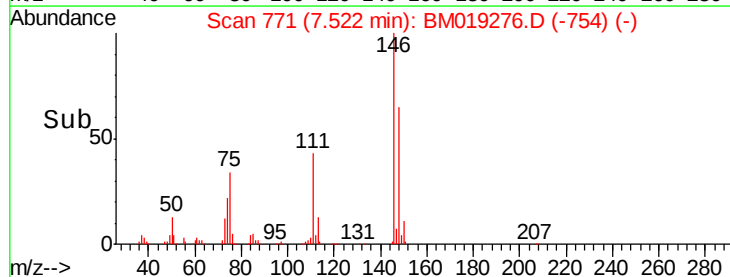
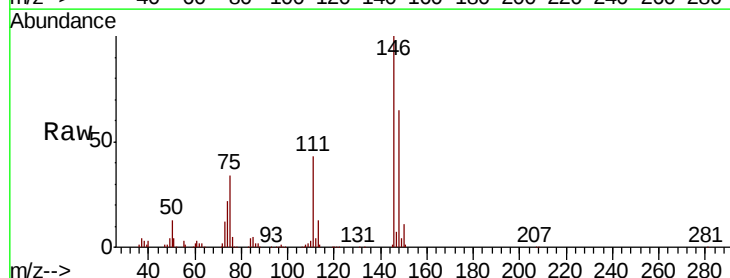
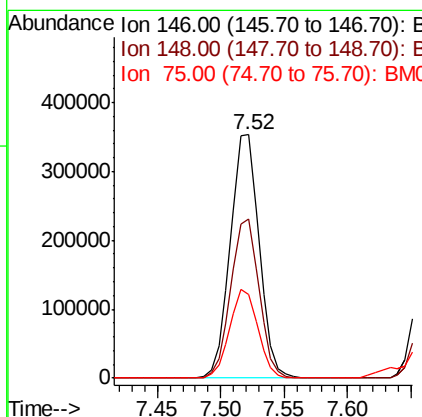
Manual Integrations
APPROVED

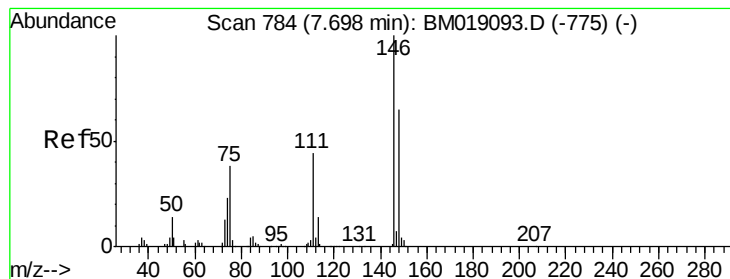
Sohil
3/22/2019 6:04:52 PM



#12
1,3-Dichlorobenzene
Concen: 40.297 ng
RT: 7.52 min Scan# 771
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:	146	Resp:	556289
Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.2	76.8
75	34.4	28.6	42.8





#13

1,4-Dichlorobenzene

Concen: 40.176 ng

RT: 7.67 min Scan# 796

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

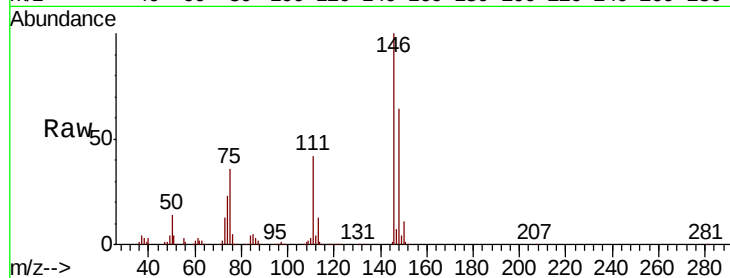
ClientSampled :

PB118092BS

Tot Ion:	146	Resp:	565447
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.2	78.4
111	42.4	34.4	51.6

Manual Integrations
APPROVED

Sohil
3/22/2019 6:04:52 PM

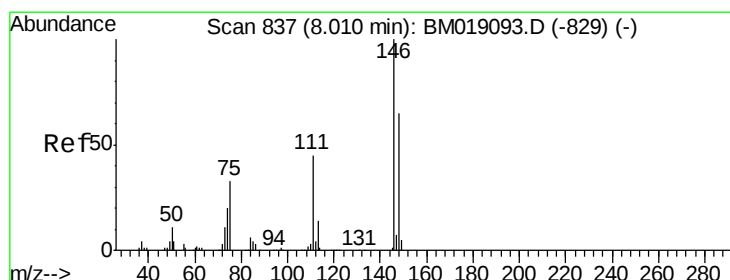
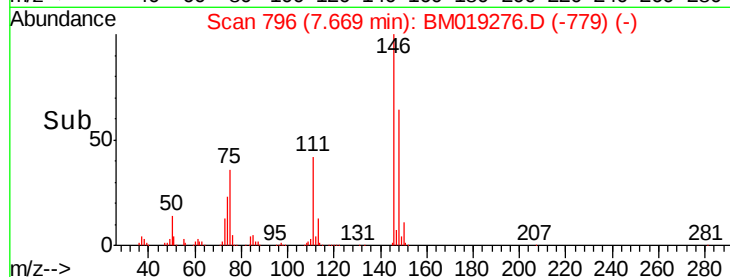
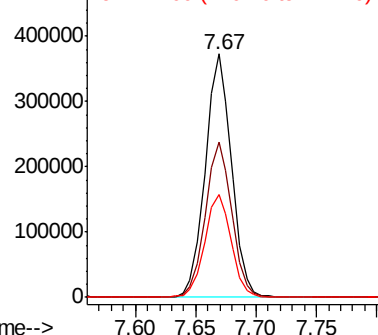


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.915 ng

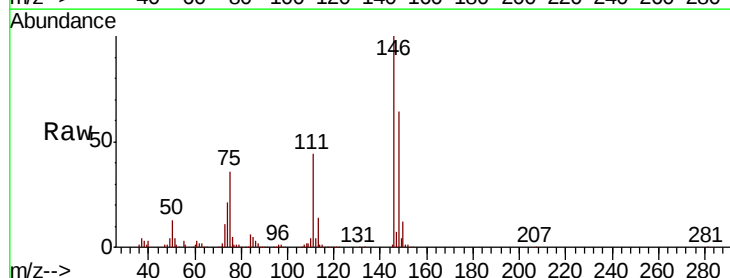
RT: 7.98 min Scan# 849

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Tgt Ion:	146	Resp:	560245
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.5	77.3
111	43.6	35.4	53.0

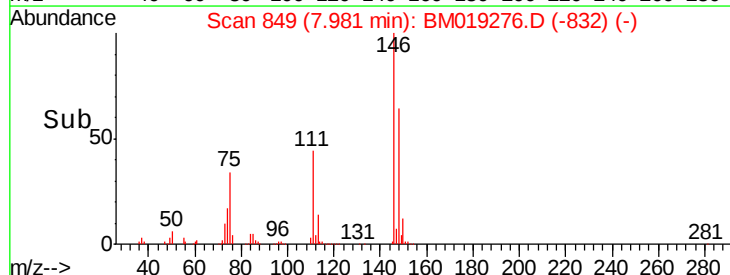
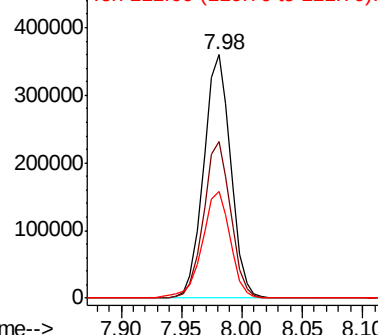


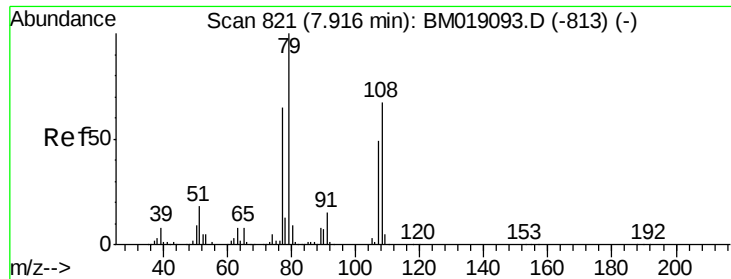
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





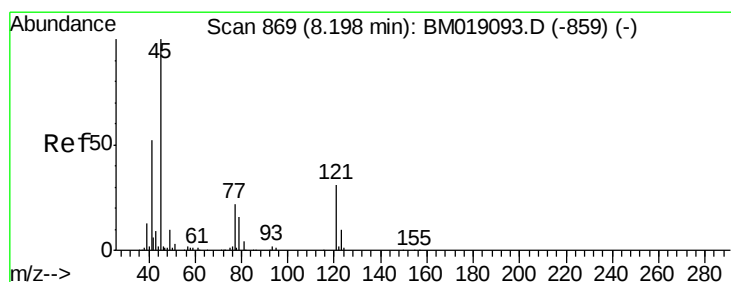
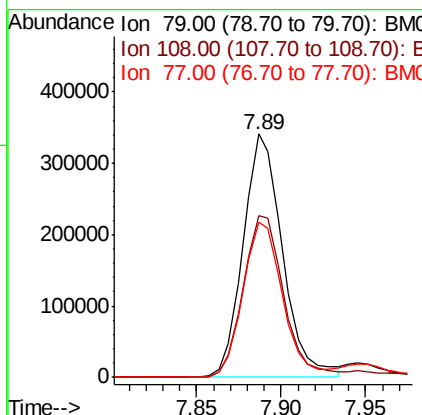
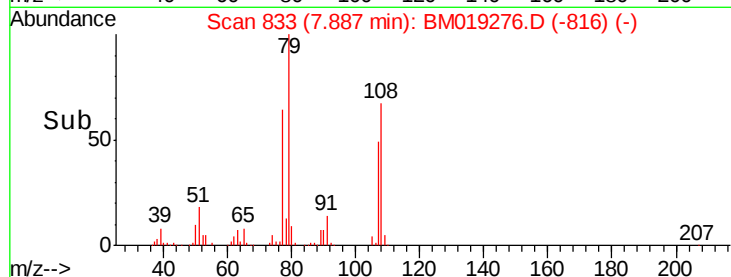
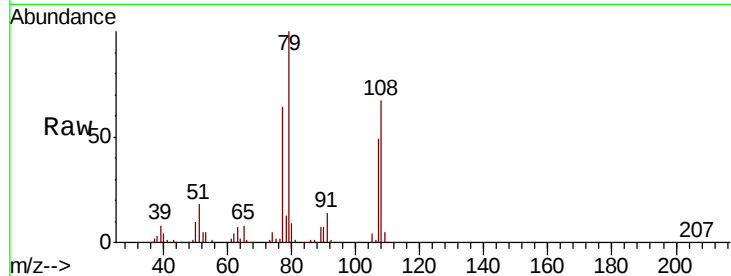
#15
Benzyl Alcohol
Concen: 42.210 ng
RT: 7.89 min Scan# 833
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampled :
PB118092BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.5	53.4	80.2
77	63.6	51.1	76.7

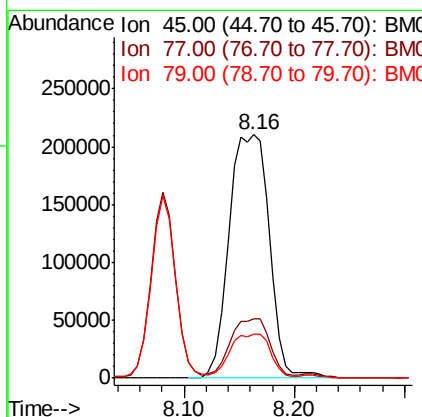
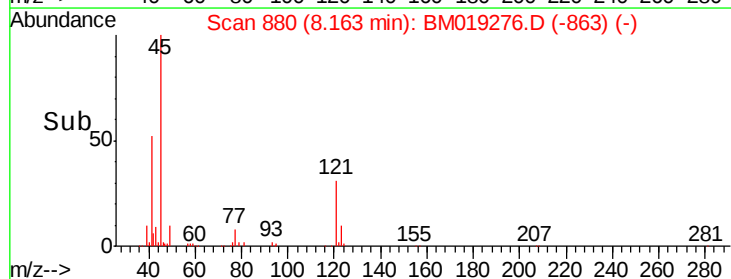
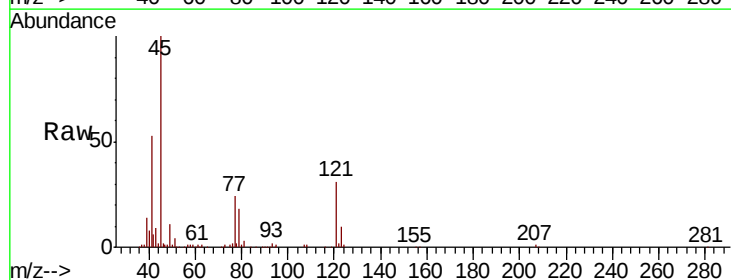
Manual Integrations
APPROVED

Sohil
3/22/2019 6:04:52 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.301 ng
RT: 8.16 min Scan# 880
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.1	3.0	43.0
79	18.1	0.0	38.0





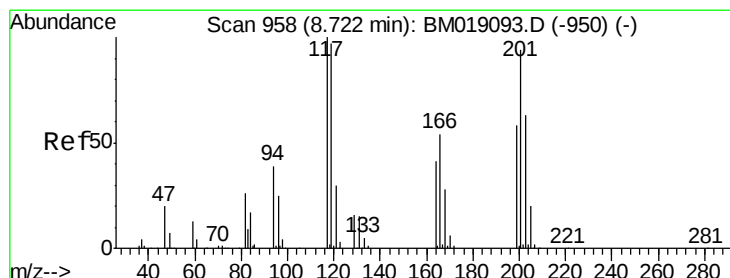
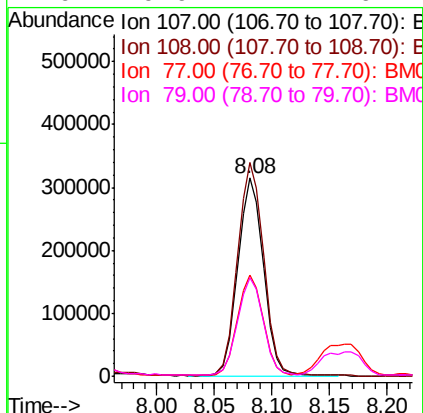
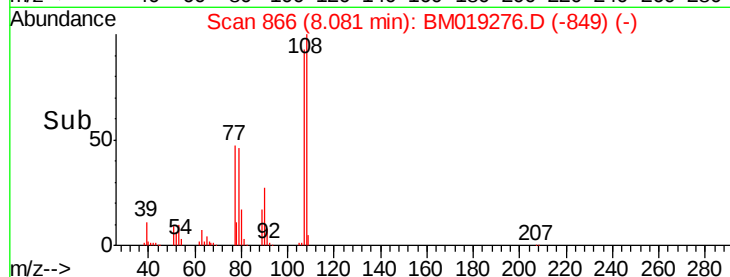
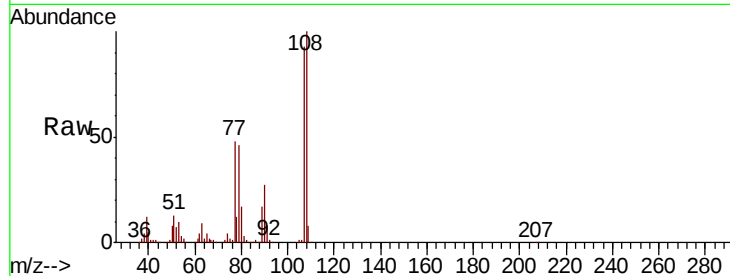
#17
2-Methylphenol
Concen: 43.233 ng
RT: 8.08 min Scan# 866
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampled :
PB118092BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.9	88.0	132.0	
77	51.3	42.1	63.1	
79	49.9	41.1	61.7	

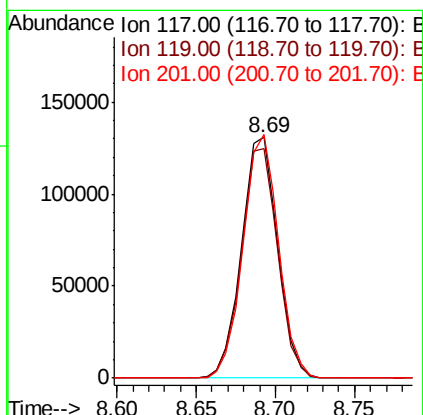
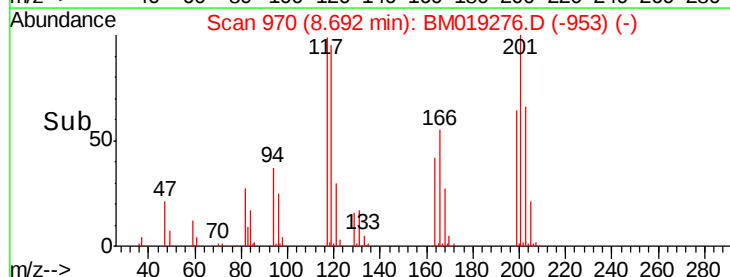
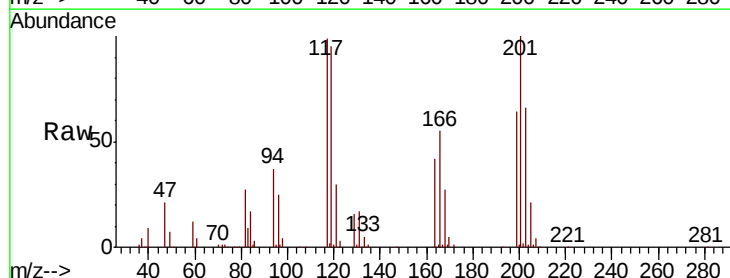
Manual Integrations
APPROVED

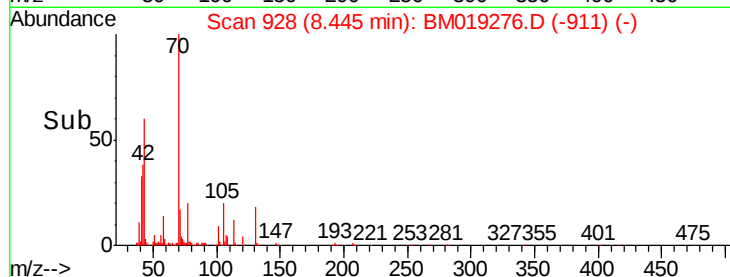
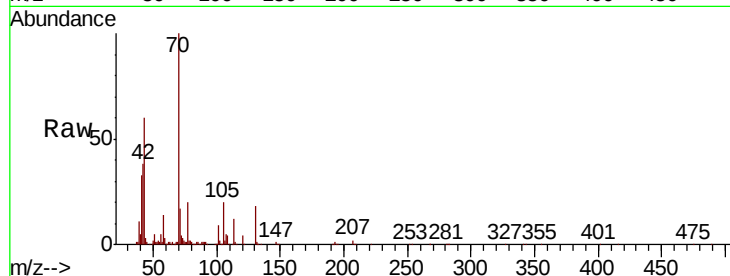
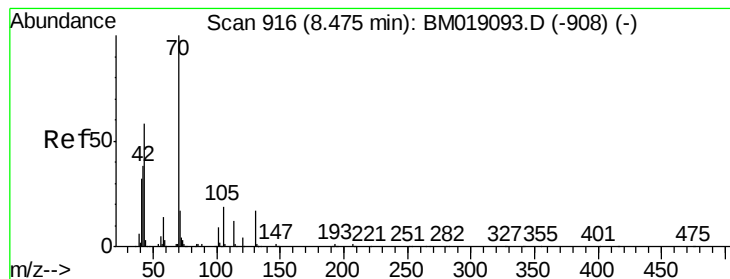
Sohil
3/22/2019 6:04:52 PM



#18
Hexachloroethane
Concen: 39.522 ng
RT: 8.69 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	76.2	114.2	
201	101.1	80.8	121.2	





#19

n-Nitroso-di-n-propylamine

Concen: 42.573 ng

RT: 8.45 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

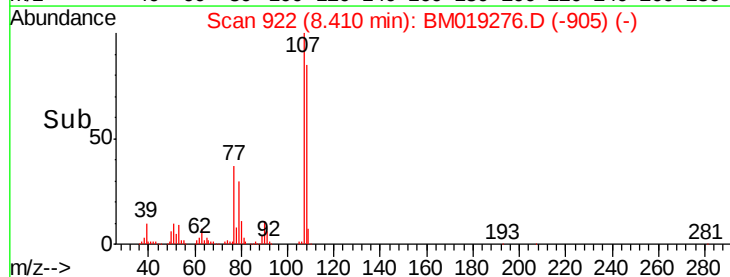
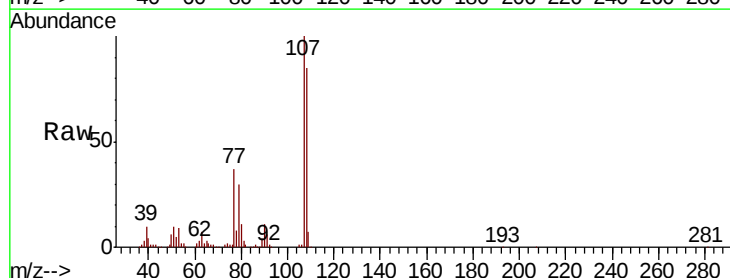
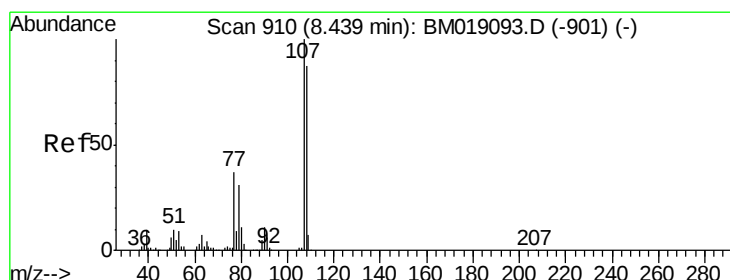
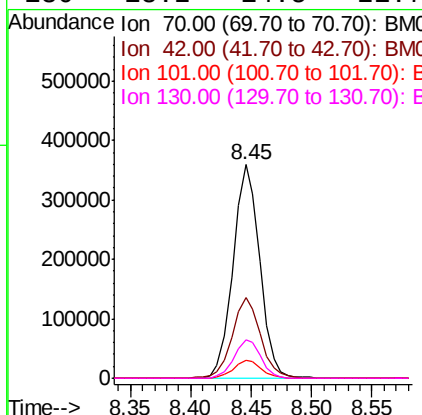
ClientSampled :

PB118092BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	38.0	30.0	45.0	
101	8.6	7.0	10.6	
130	18.2	14.5	21.7	

Manual Integrations
APPROVED

Sohil
3/22/2019 6:04:52 PM



#20

3+4-Methylphenols

Concen: 44.899 ng

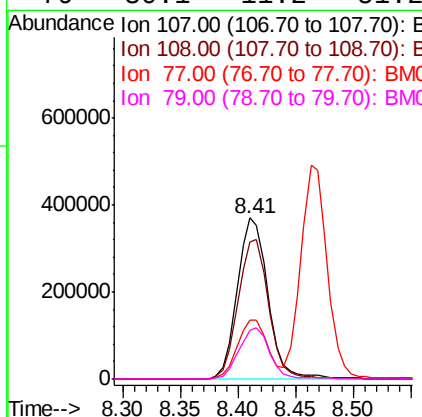
RT: 8.41 min Scan# 922

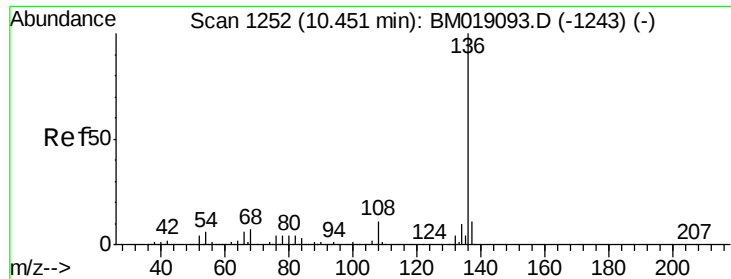
Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.2	67.0	107.0	
77	36.7	16.8	56.8	
79	30.1	11.2	51.2	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

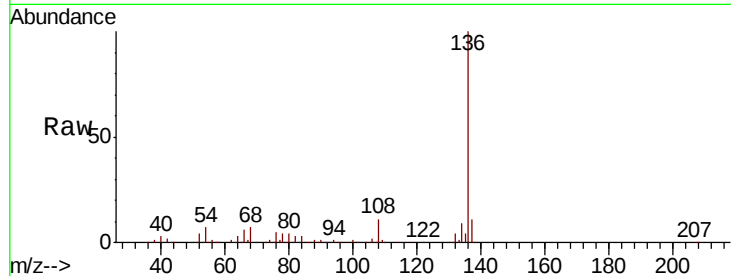
ClientSampleId :

PB118092BS

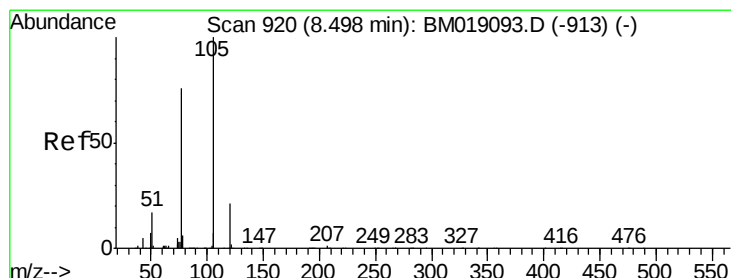
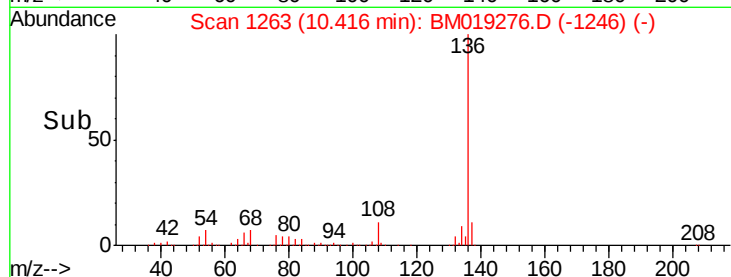
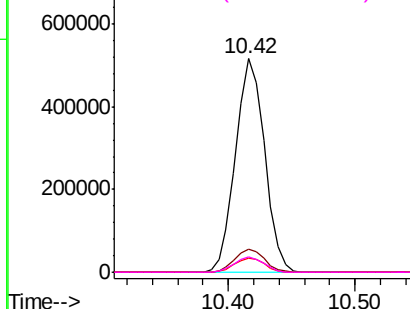
Tot Ion	Ratio	Resp	Lower	Upper
136	100	821844		
137	11.0	8.6	12.8	
54	6.7	5.5	8.3	
68	7.3	6.0	9.0	

Manual Integrations
APPROVED

Sohil
3/22/2019 6:04:52 PM



Abundance Ion 136.00 (135.70 to 136.70): E
800000
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: 40.429 ng

RT: 8.46 min Scan# 931

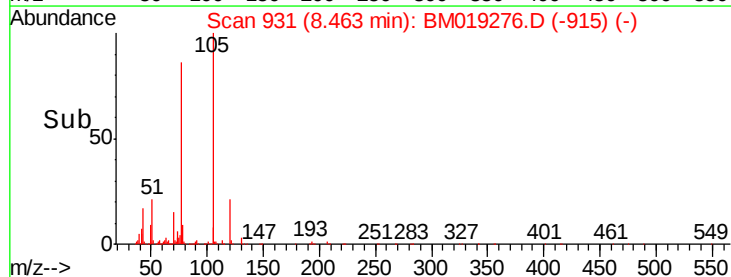
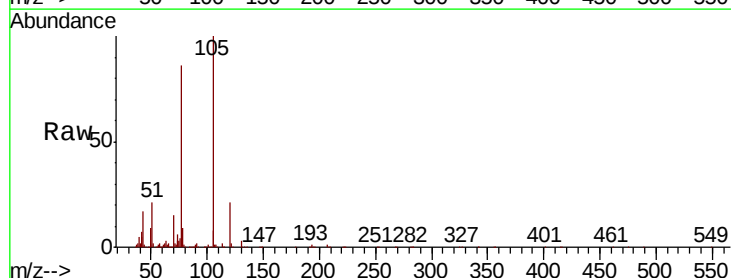
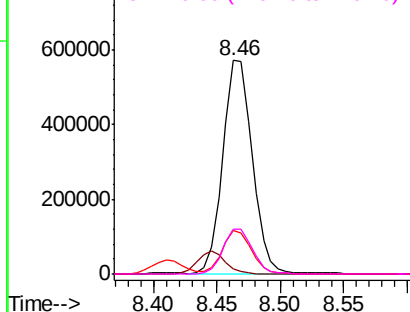
Delta R.T. -0.01 min

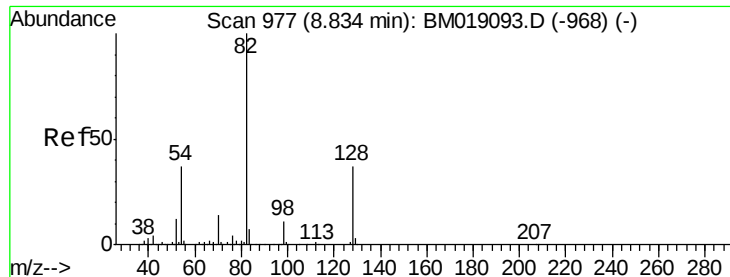
Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	918226		
71	2.4	0.9	1.3#	
51	20.7	15.9	23.9	
120	21.1	16.7	25.1	

Abundance Ion 105.00 (104.70 to 105.70): E
800000
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





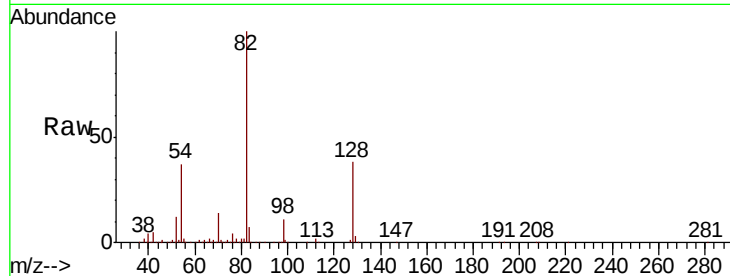
#23
Nitrobenzene-d5
Concen: 80.222 ng
RT: 8.80 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.2	45.4
54	37.3	30.2	45.2

Manual Integrations
APPROVED

Sohil
3/22/2019 6:04:52 PM

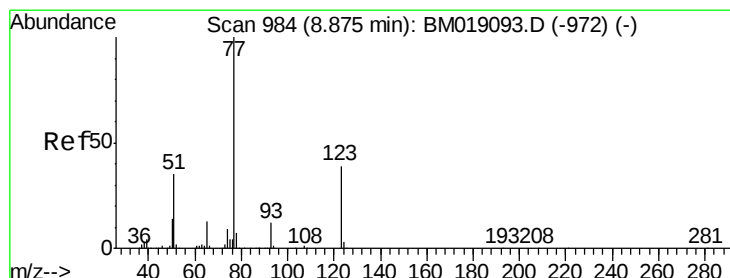
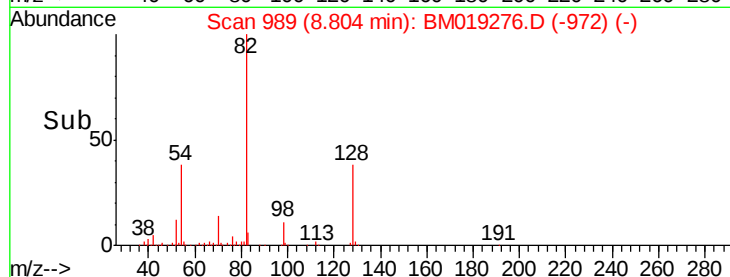
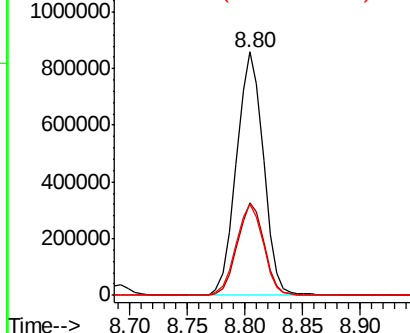


Abundance

Ion 82.00 (81.70 to 82.70): BM019093.D (-968) (-)

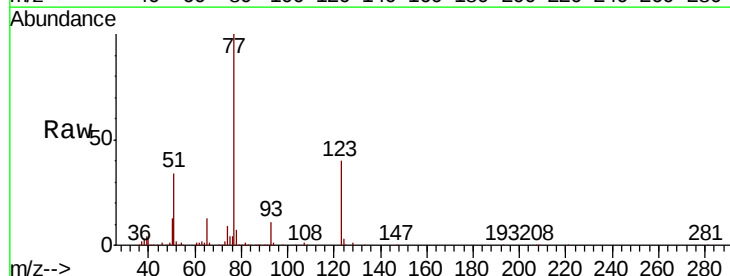
Ion 128.00 (127.70 to 128.70): BM019093.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-968) (-)



#24
Nitrobenzene
Concen: 41.406 ng
RT: 8.85 min Scan# 996
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.9	31.4	47.0
65	13.0	10.2	15.4

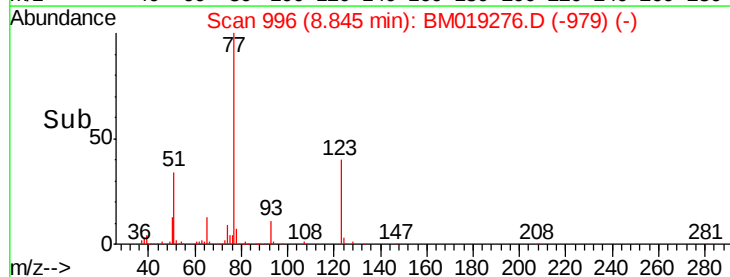
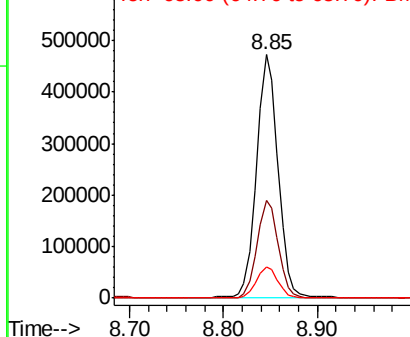


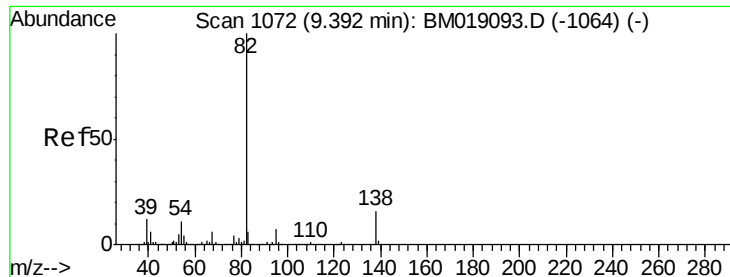
Abundance

Ion 77.00 (76.70 to 77.70): BM019093.D (-972) (-)

Ion 123.00 (122.70 to 123.70): BM019093.D (-972) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-972) (-)





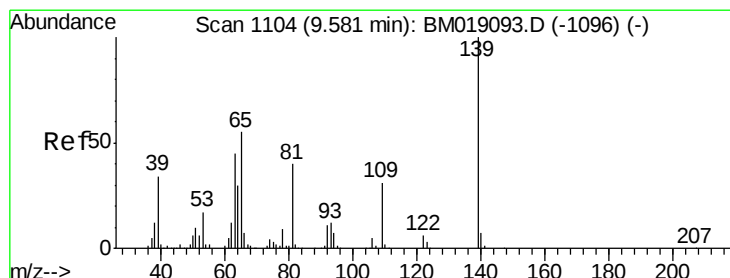
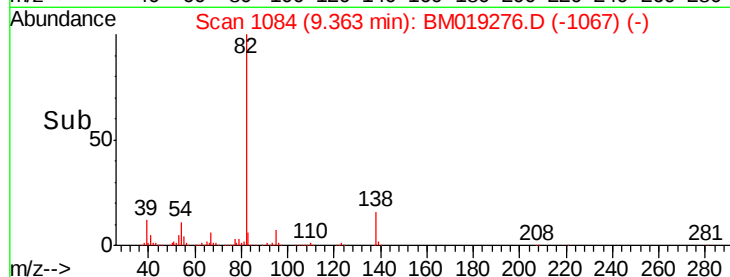
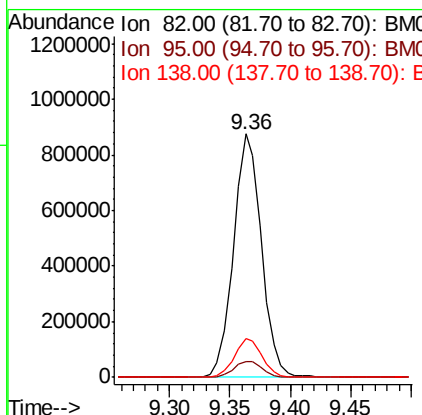
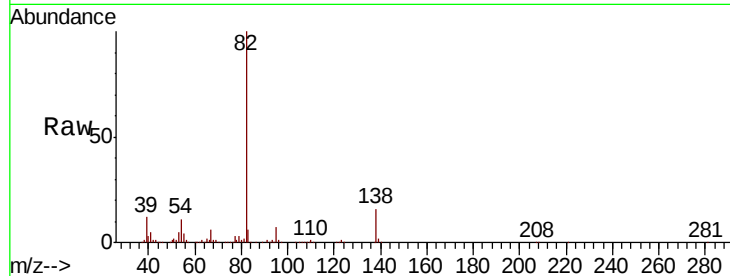
#25
Isophorone
Concen: 42.592 ng
RT: 9.36 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.4	8.0
138	15.8	12.2	18.4

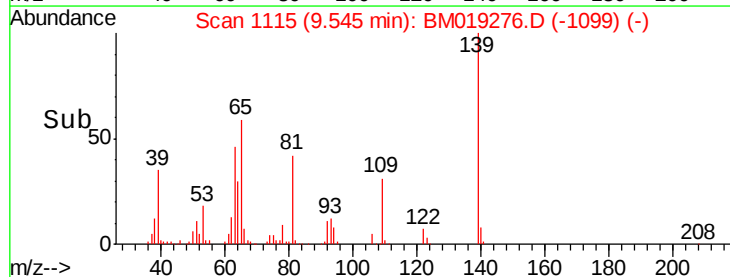
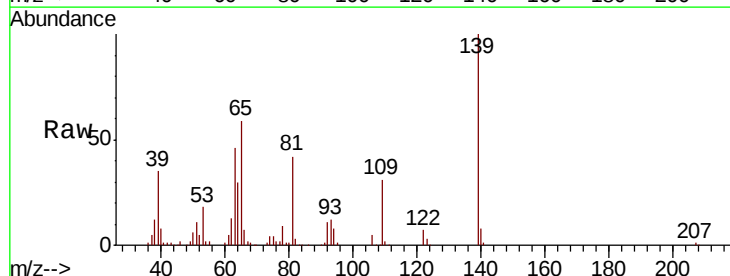
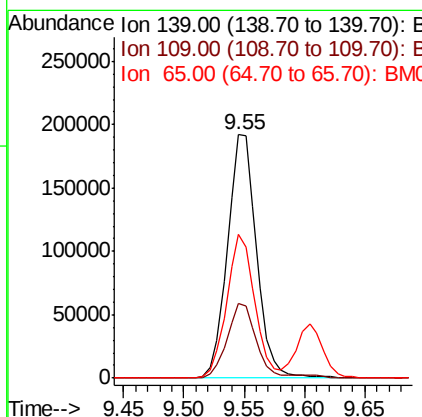
Manual Integrations
APPROVED

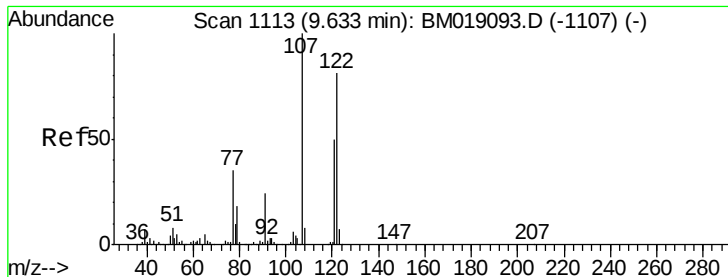
Sohil
3/22/2019 6:04:52 PM



#26
2-Nitrophenol
Concen: 43.017 ng
RT: 9.55 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.7	23.8	35.8
65	59.1	43.3	64.9





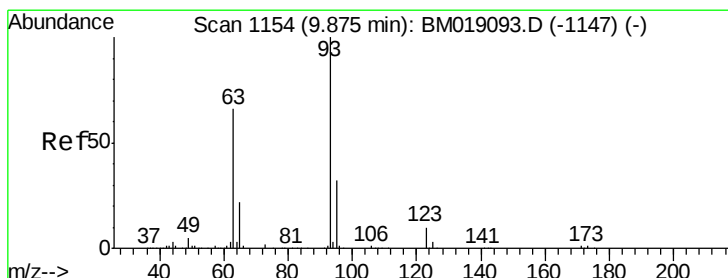
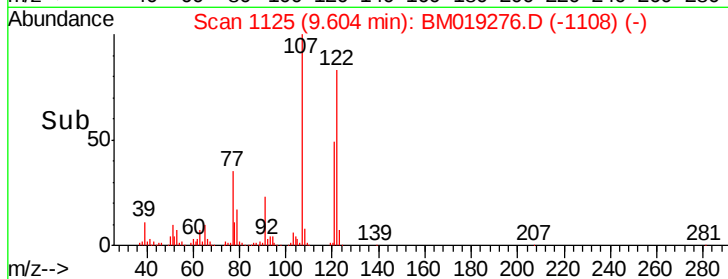
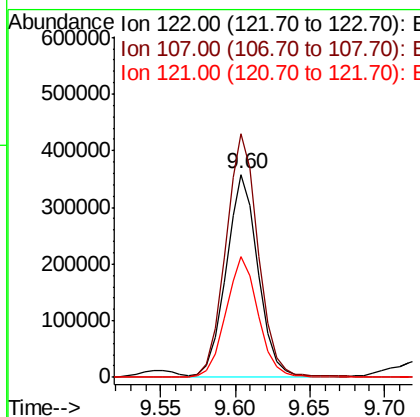
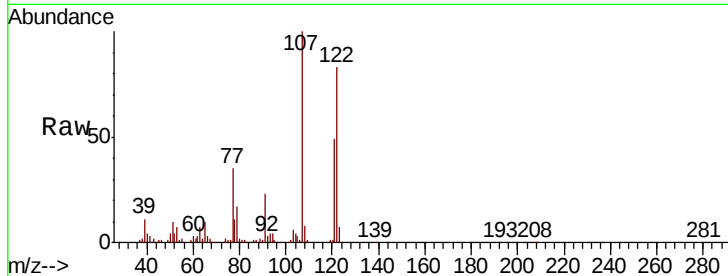
#27
2,4-Dimethylphenol
Concen: 47.771 ng
RT: 9.60 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampled :
PB118092BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	120.1	96.4	144.6	
121	59.3	47.6	71.4	

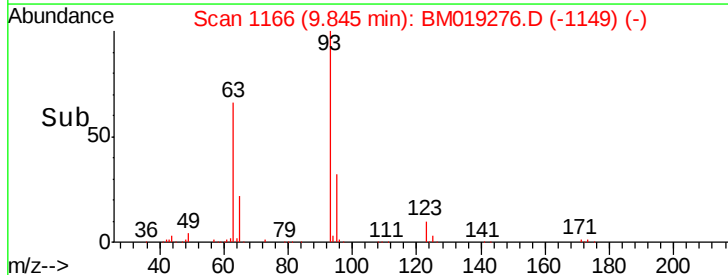
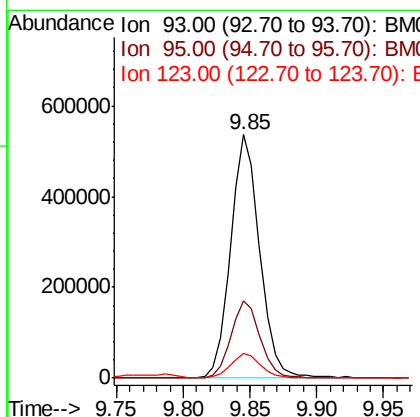
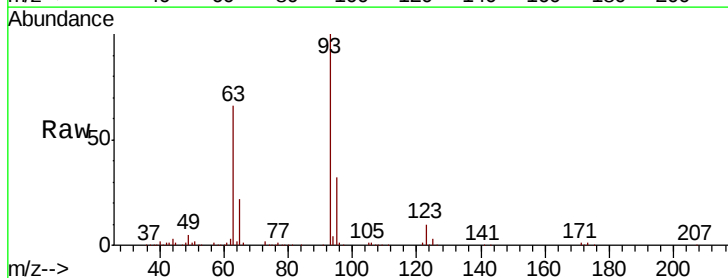
Manual Integrations
APPROVED

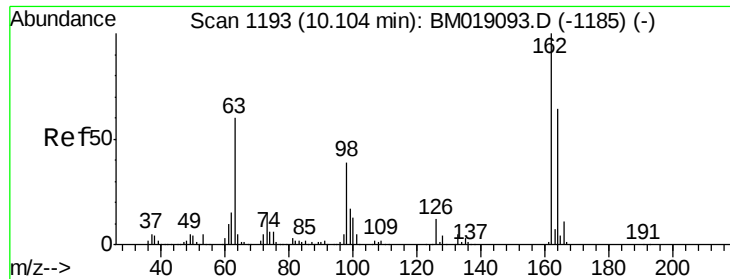
Sohil
3/22/2019 6:04:52 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.490 ng
RT: 9.85 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	31.8	24.7	37.1	
123	10.4	8.6	12.8	





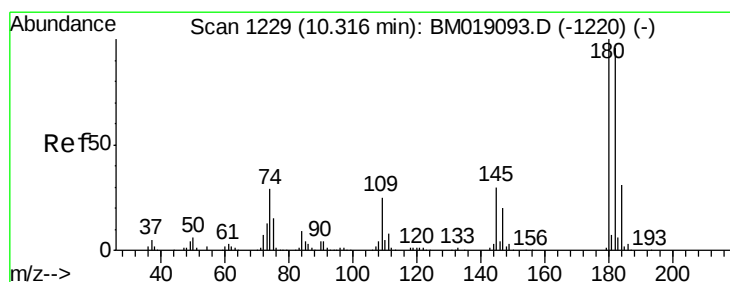
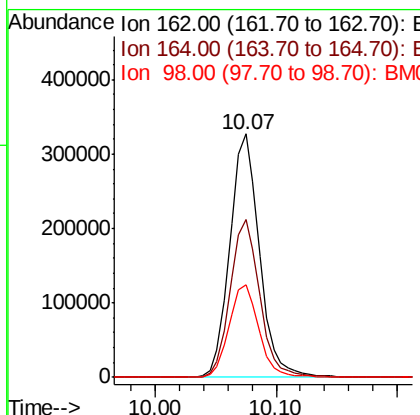
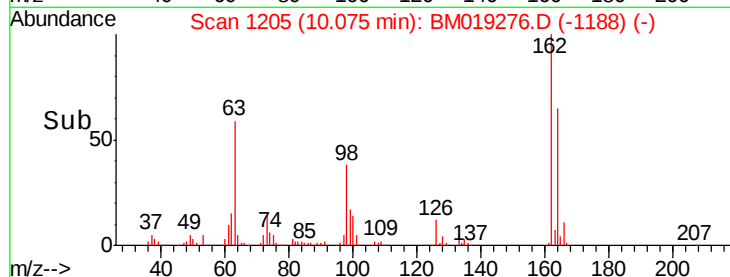
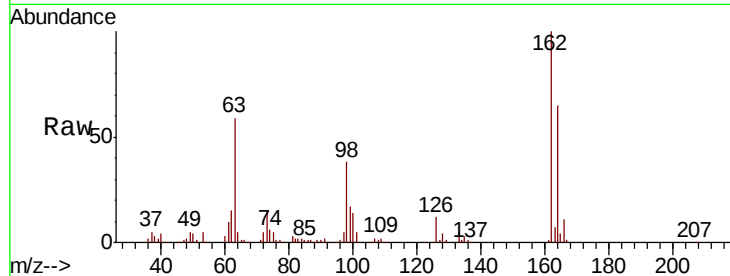
#29
2,4-Dichlorophenol
Concen: 45.357 ng
RT: 10.07 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	559732		
164	64.6	45.6	85.6	
98	37.8	18.0	58.0	

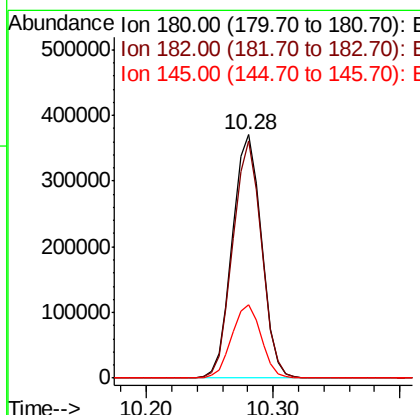
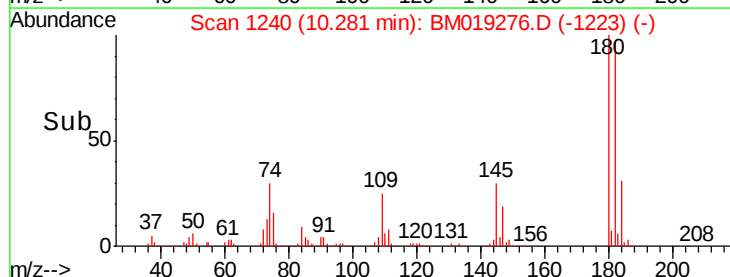
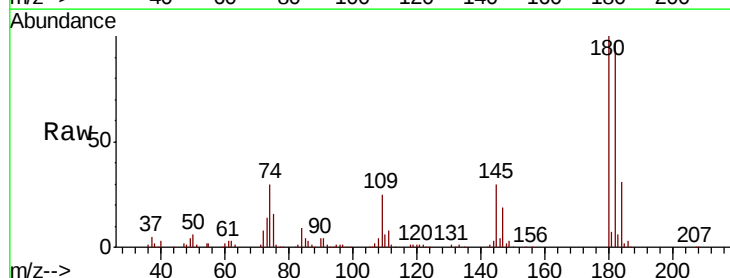
Manual Integrations
APPROVED

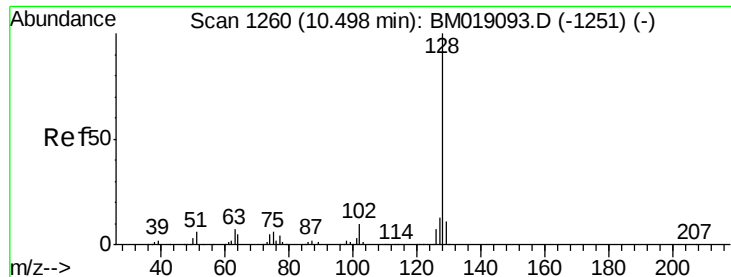
Sohil
3/22/2019 6:04:52 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.521 ng
RT: 10.28 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	591683		
182	97.5	77.9	116.9	
145	30.0	24.7	37.1	





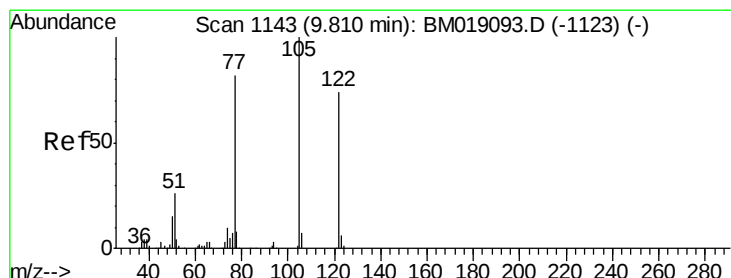
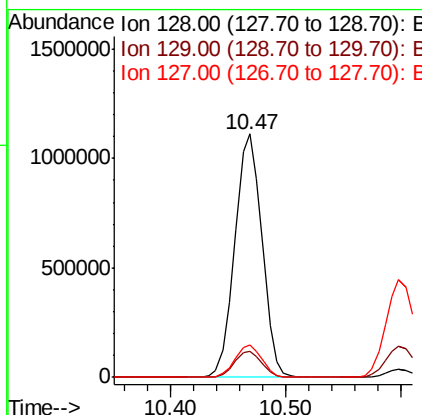
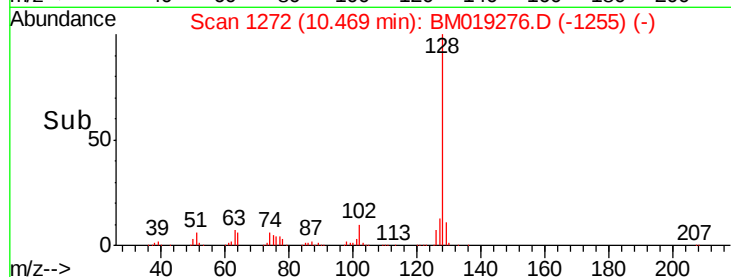
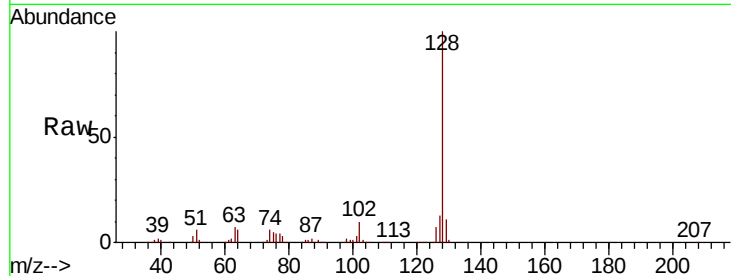
#31
Naphthalene
Concen: 41.808 ng
RT: 10.47 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampled :
PB118092BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.2	10.3	15.5

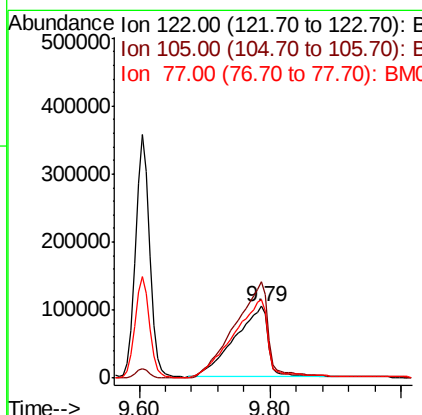
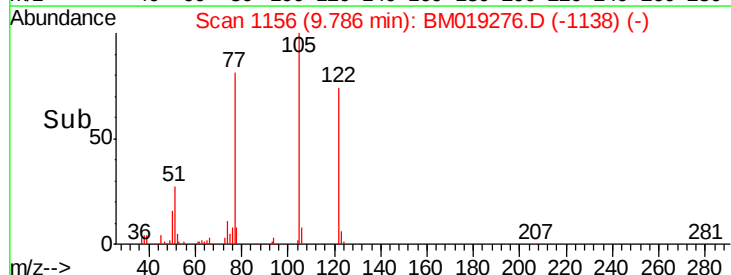
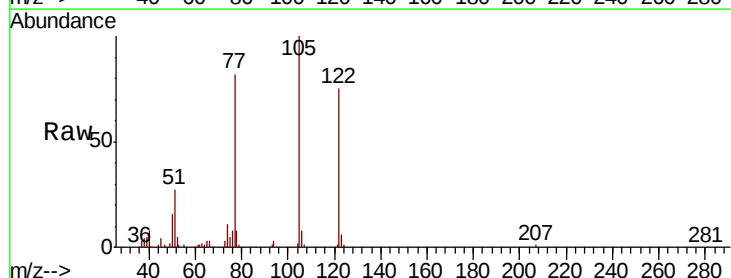
Manual Integrations
APPROVED

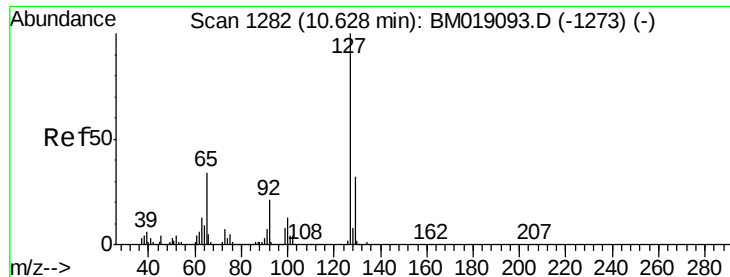
Sohil
3/22/2019 6:04:52 PM



#32
Benzoic acid
Concen: 40.247 ng m
RT: 9.79 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.6	115.6	155.6
77	109.5	93.8	133.8





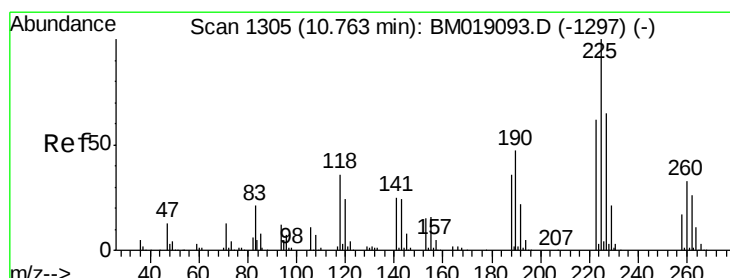
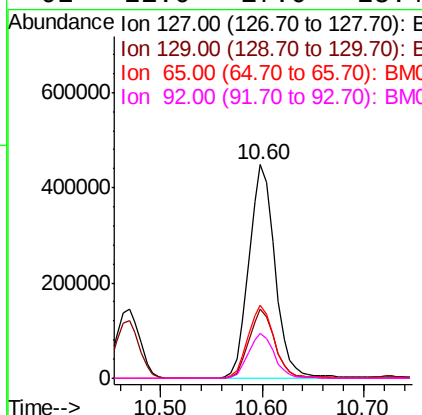
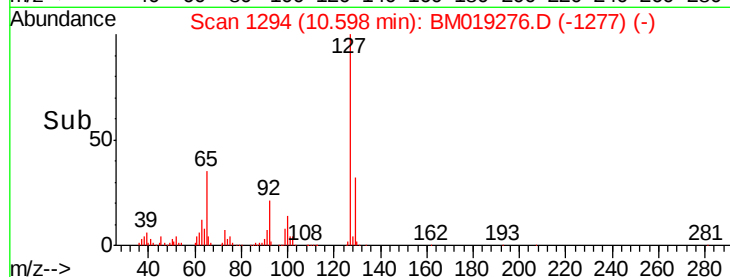
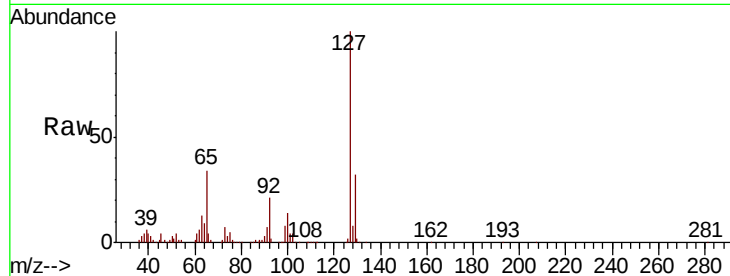
#33
4-Chloroaniline
Concen: 45.214 ng
RT: 10.60 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.9	38.9		
65	34.4	27.5	41.3		
92	21.0	17.0	25.4		

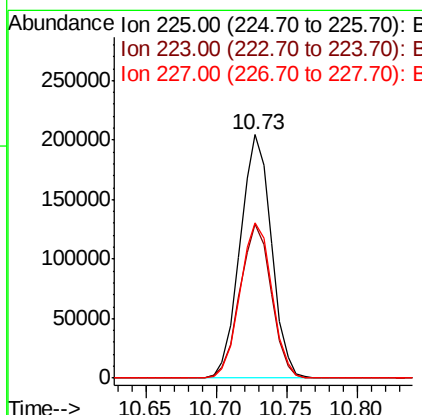
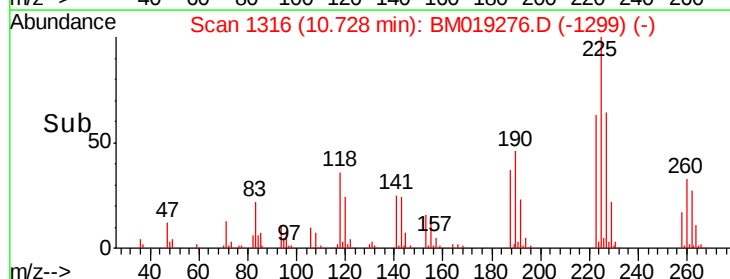
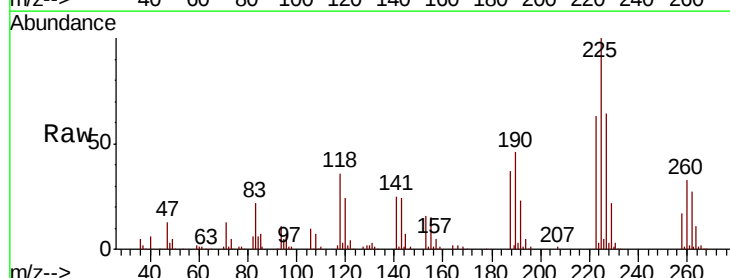
Manual Integrations
APPROVED

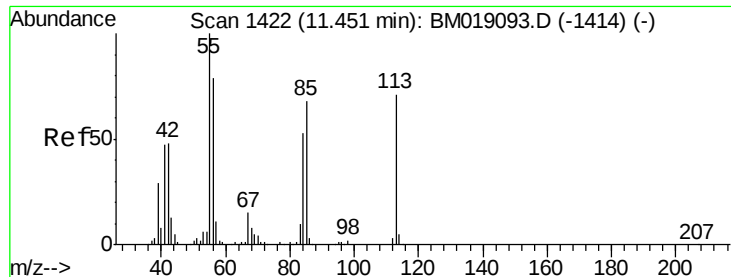
Sohil
3/22/2019 6:04:52 PM



#34
Hexachlorobutadiene
Concen: 39.713 ng
RT: 10.73 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.4	51.0	76.4		
227	63.7	51.0	76.6		





#35

Caprolactam

Concen: 44.728 ng/mL

RT: 11.43 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

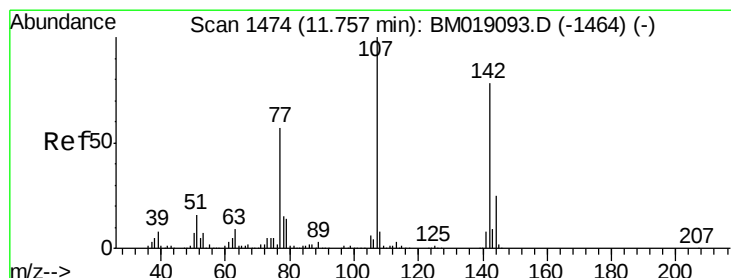
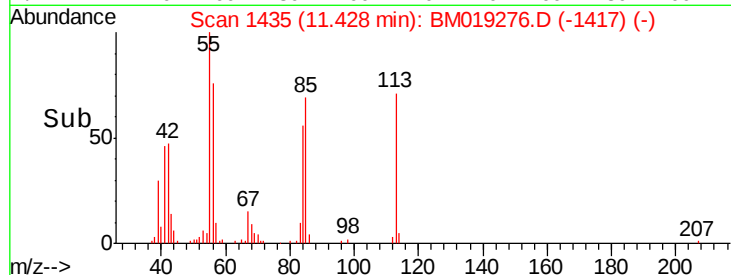
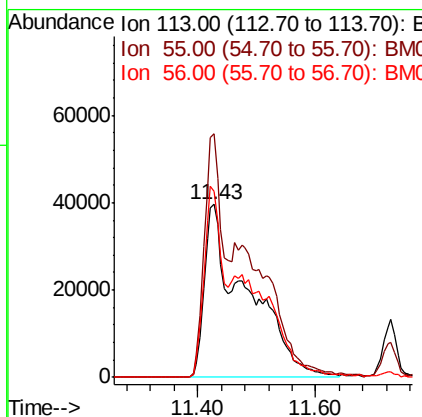
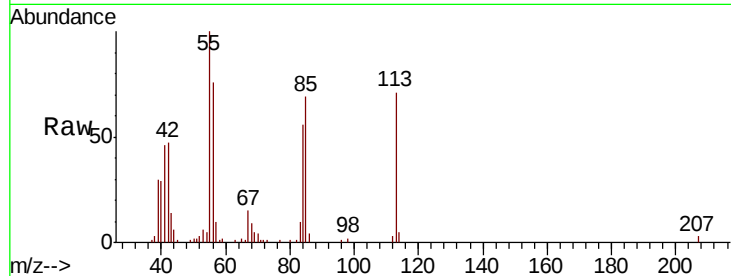
ClientSampleId :

PB118092BS

Tot Ion:	113	Resp:	196625
Ion Ratio	Lower	Upper	
113	100		
55	140.9	120.1	160.1
56	107.5	91.6	131.6

Manual Integrations
APPROVED

Sohil
3/22/2019 6:04:52 PM



#36

4-Chloro-3-methylphenol

Concen: 44.242 ng/mL

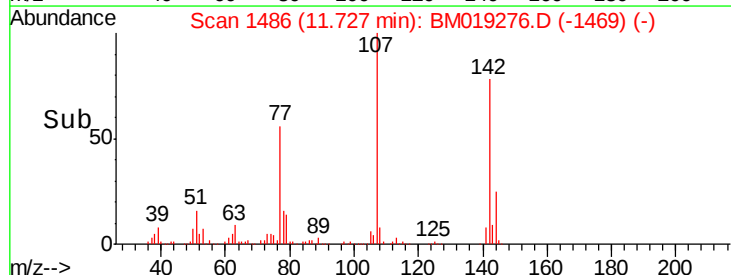
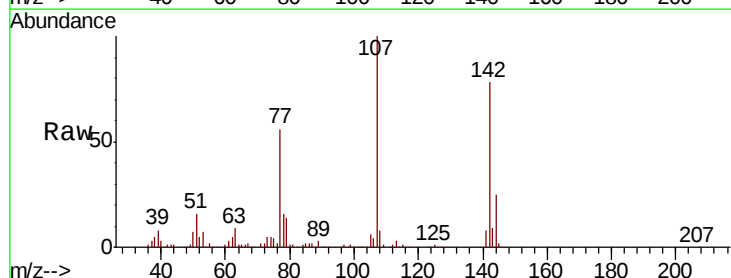
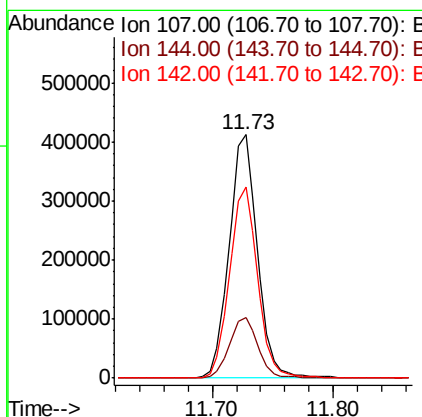
RT: 11.73 min Scan# 1486

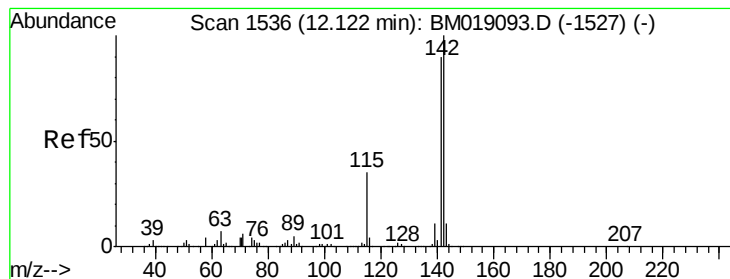
Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Tgt Ion:	107	Resp:	673668
Ion Ratio	Lower	Upper	
107	100		
144	25.1	20.1	30.1
142	78.4	62.1	93.1





#37

2-Methylnaphthalene

Concen: 44.013 ng

RT: 12.09 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

PB118092BS

Tot Ion:142 Resp: 1385434

Ion Ratio Lower Upper

142 100

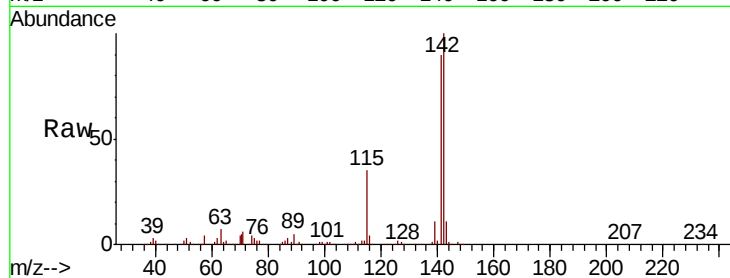
141 90.3 71.9 107.9

115 34.9 27.7 41.5

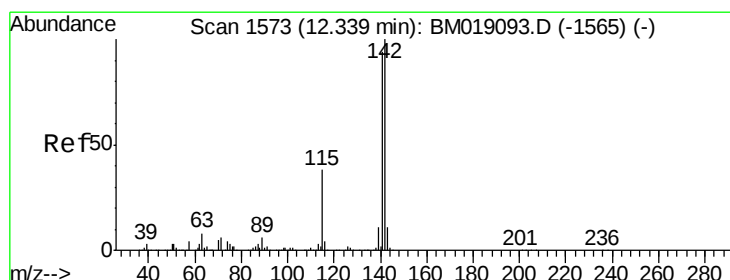
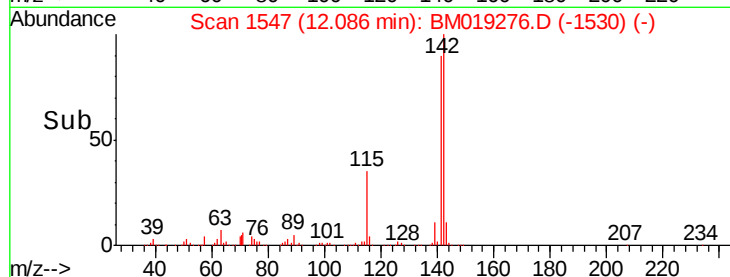
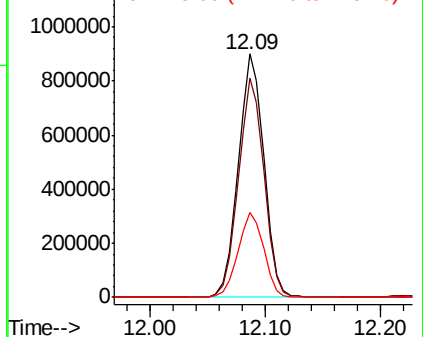
Manual Integrations
APPROVED

Sohil

3/22/2019 6:04:52 PM



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.429 ng

RT: 12.31 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

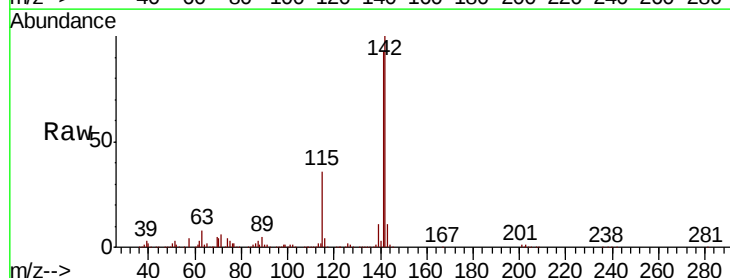
Tgt Ion:142 Resp: 1316409

Ion Ratio Lower Upper

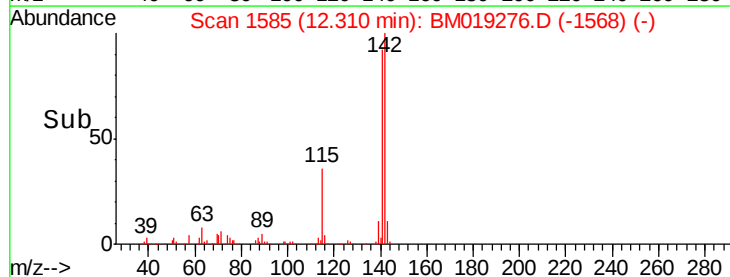
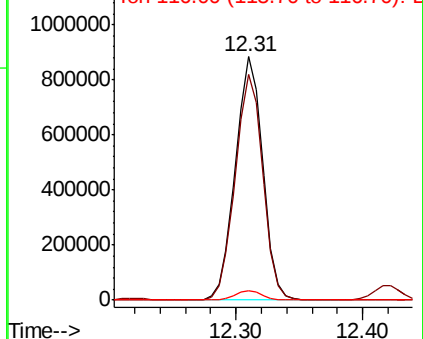
142 100

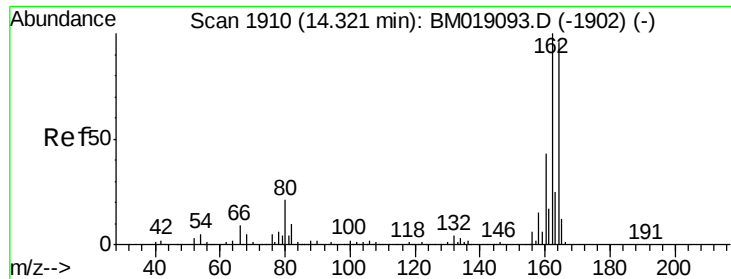
141 92.6 75.2 112.8

116 3.9 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





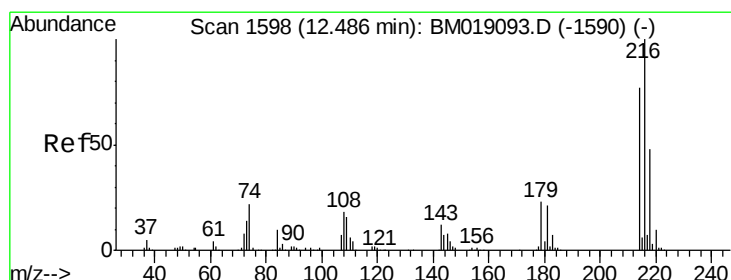
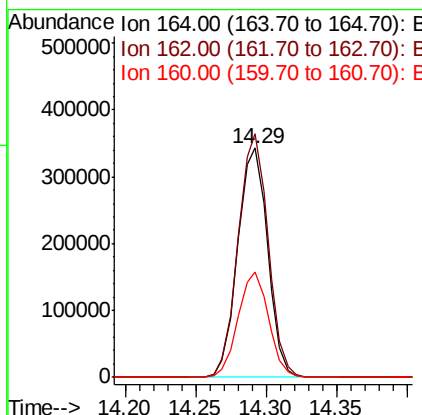
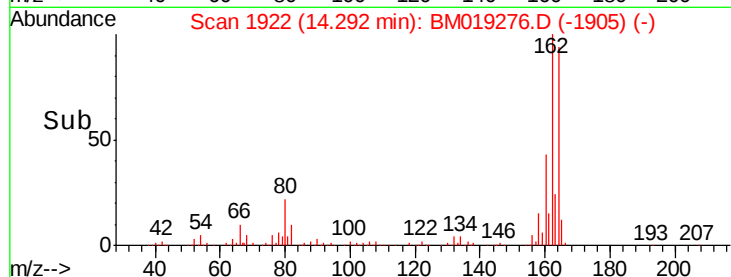
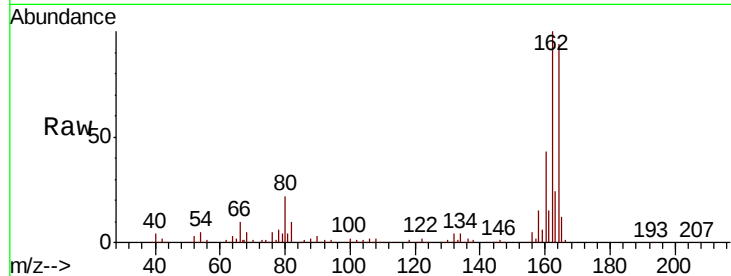
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	106.1	84.1	126.1	
160	45.8	36.5	54.7	

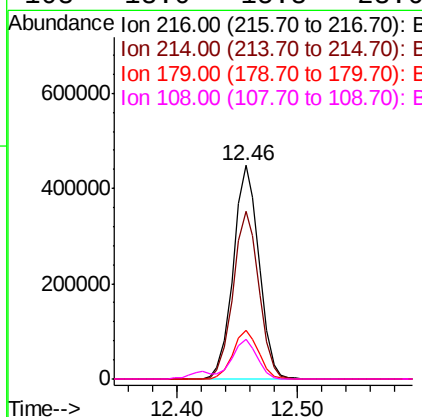
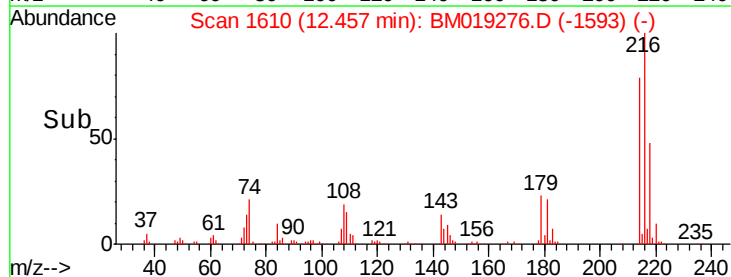
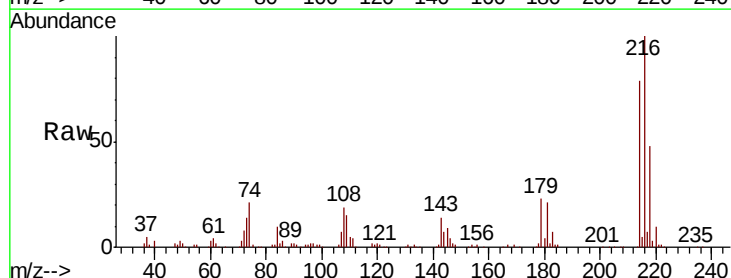
Manual Integrations
APPROVED

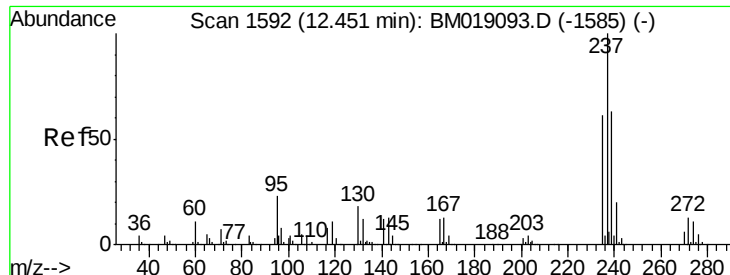
Sohil
3/22/2019 6:04:52 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.403 ng
RT: 12.46 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	62.7	94.1	
179	22.6	18.0	27.0	
108	18.0	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 90.929 ng

RT: 12.42 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

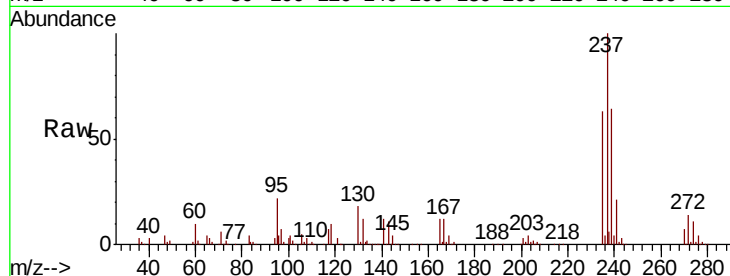
ClientSampleId :

PB118092BS

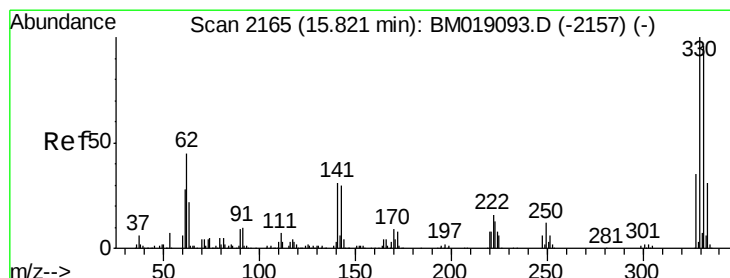
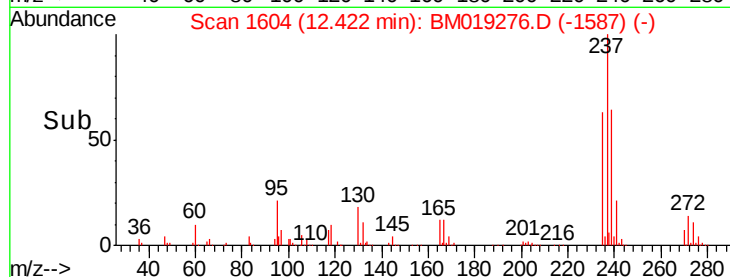
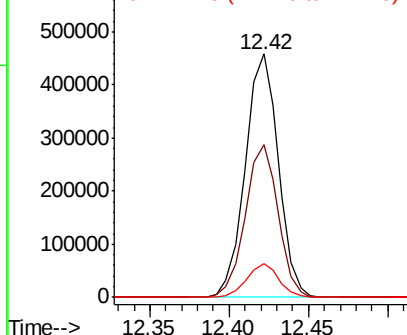
Tot Ion:	237	Resp:	662564
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.8	82.8
272	13.7	0.0	33.3

Manual Integrations
APPROVED

Sohil
3/22/2019 6:04:52 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: 85.589 ng

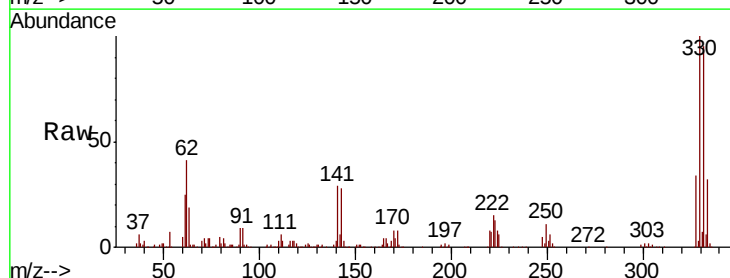
RT: 15.80 min Scan# 2178

Delta R.T. 0.01 min

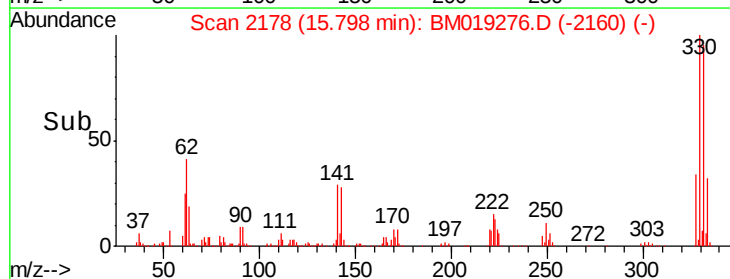
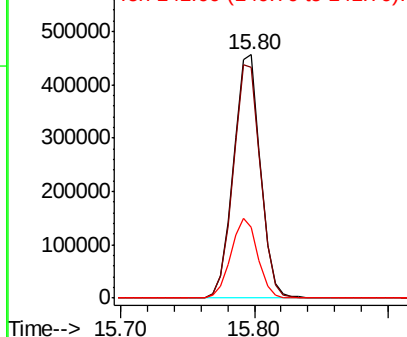
Lab File: BM019276.D

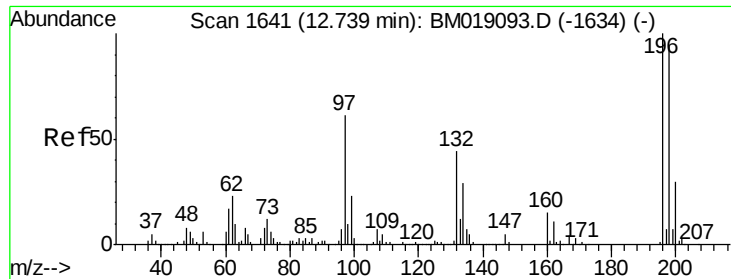
Acq: 20 Mar 2019 23:48

Tgt Ion:	330	Resp:	642645
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.6	116.4
141	32.8	25.7	38.5



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





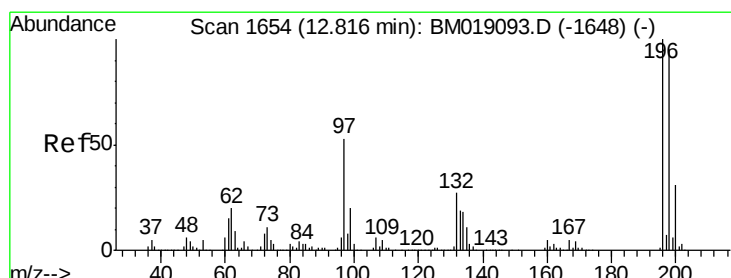
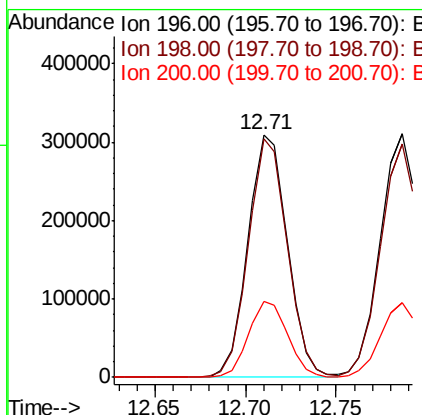
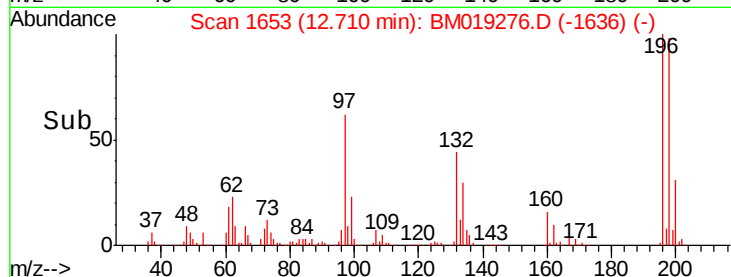
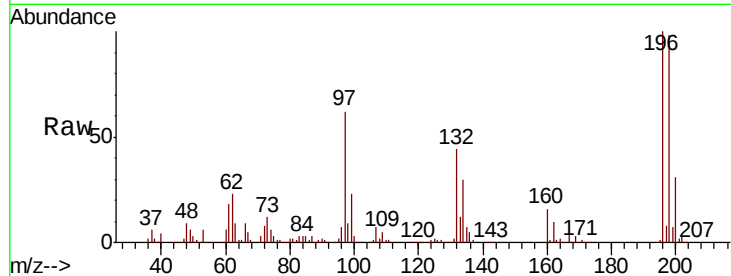
#43
 2,4,6-Trichlorophenol
 Concen: 45.226 ng
 RT: 12.71 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Instrument :
 BNA_M
 ClientSampled :
 PB118092BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	470167		
198	98.1	76.2	114.2	
200	31.2	23.7	35.5	

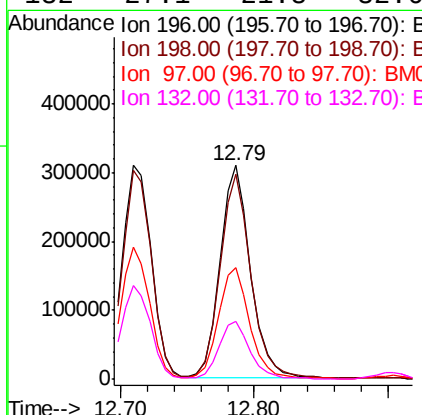
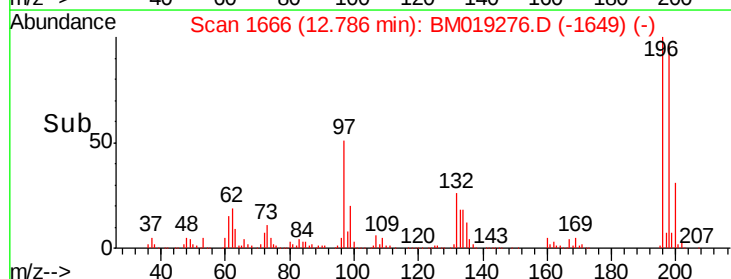
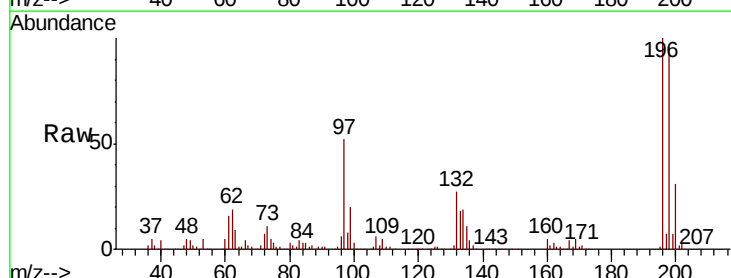
Manual Integrations
 APPROVED

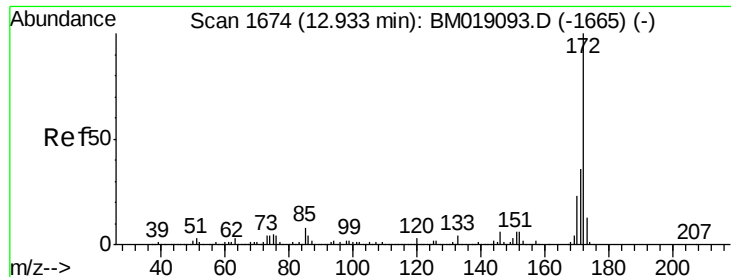
Sohil
 3/22/2019 6:04:52 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.116 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	490422		
198	95.8	76.3	114.5	
97	52.2	41.5	62.3	
132	27.1	21.8	32.6	





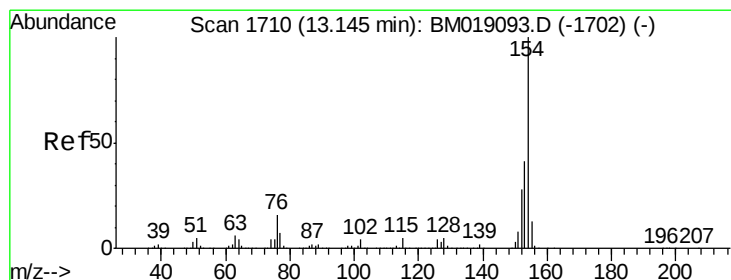
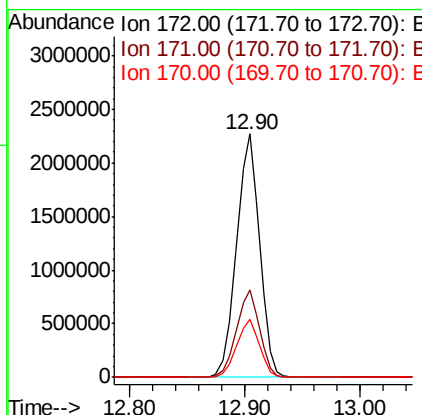
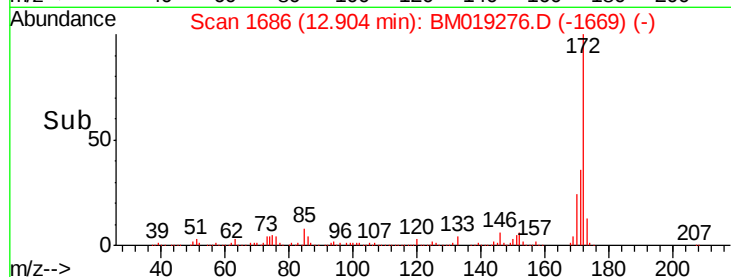
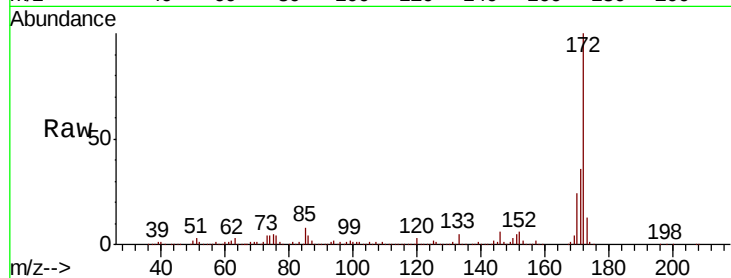
#45
2-Fluorobiphenyl
Concen: 79.942 ng
RT: 12.90 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	23.6	18.9	28.3

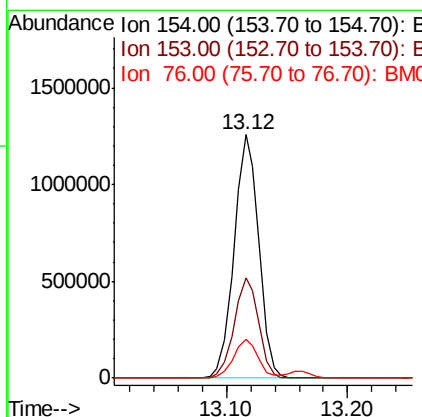
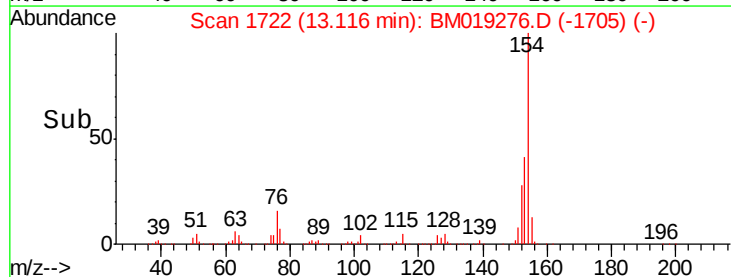
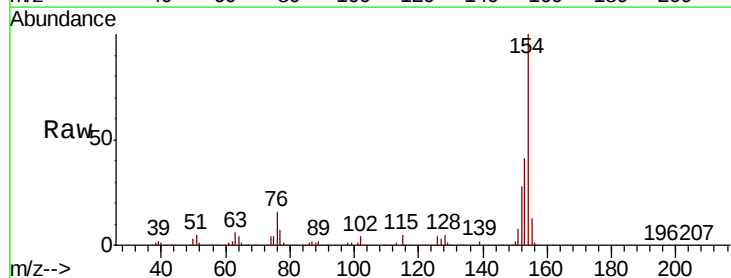
Manual Integrations
APPROVED

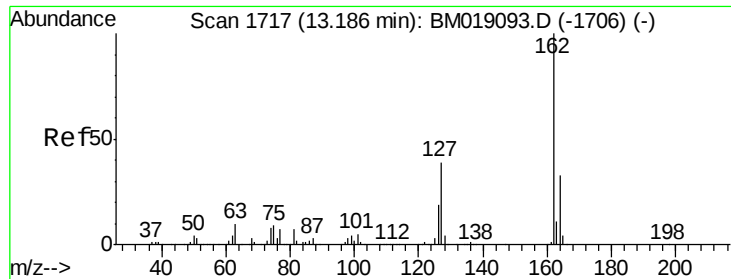
Sohil
3/22/2019 6:04:52 PM



#46
1,1'-Biphenyl
Concen: 40.161 ng
RT: 13.12 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.1	61.1
76	15.8	0.0	35.9





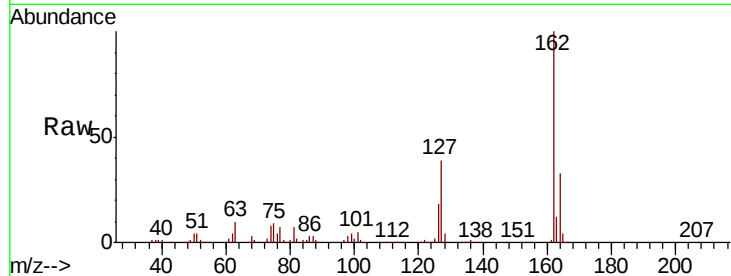
#47
2-Chloronaphthalene
Concen: 42.339 ng
RT: 13.16 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	30.7	46.1
164	32.7	26.1	39.1

Manual Integrations
APPROVED

Sohil
3/22/2019 6:04:52 PM

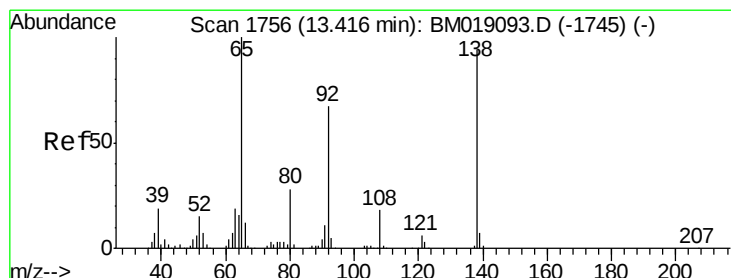
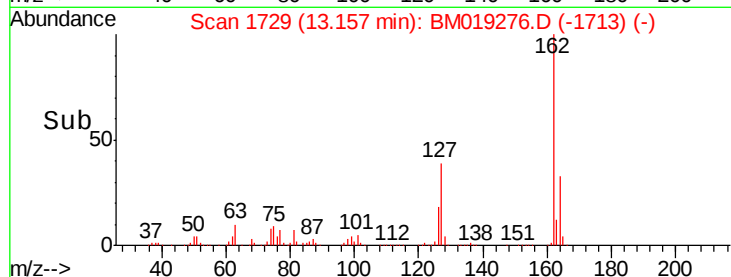
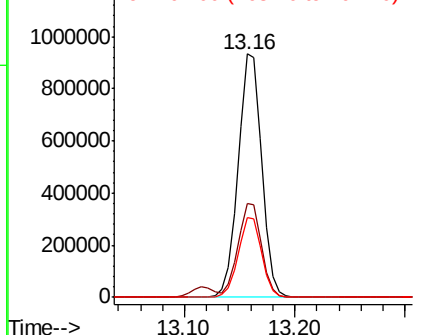


Abundance

Ion 162.00 (161.70 to 162.70): E

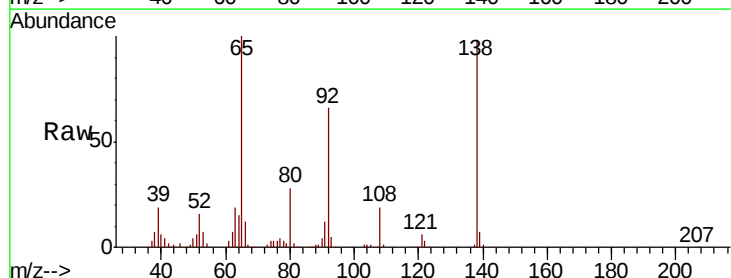
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.566 ng
RT: 13.39 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.4	54.0	81.0
138	97.6	78.3	117.5

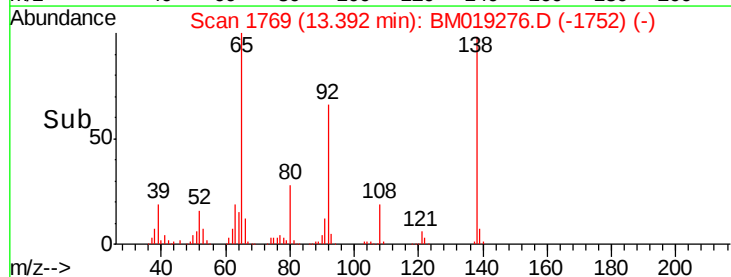
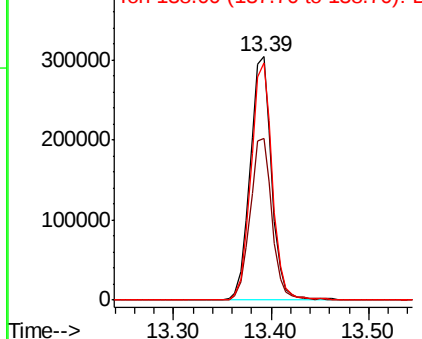


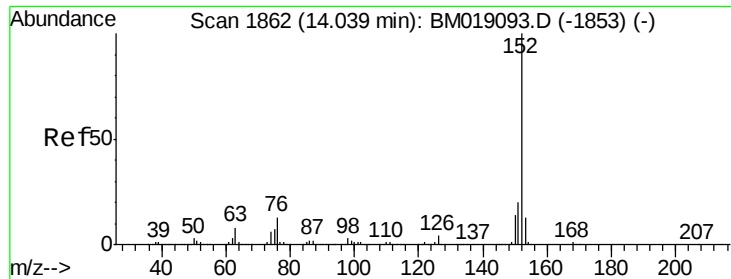
Abundance

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: 41.227 ng

RT: 14.02 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

PB118092BS

Tot Ion:152 Resp: 2310903

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

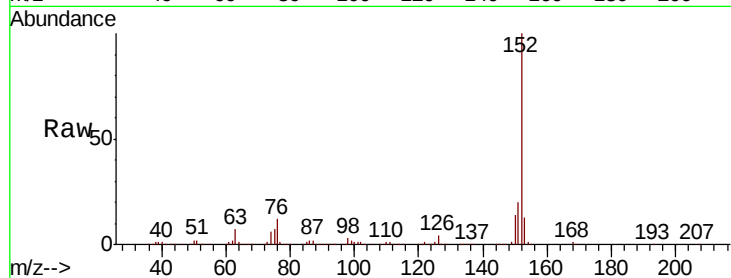
153 12.8 10.2 15.4

Manual Integrations

APPROVED

Sohil

3/22/2019 6:04:52 PM

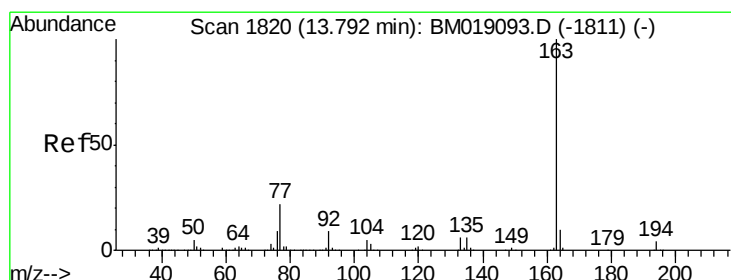
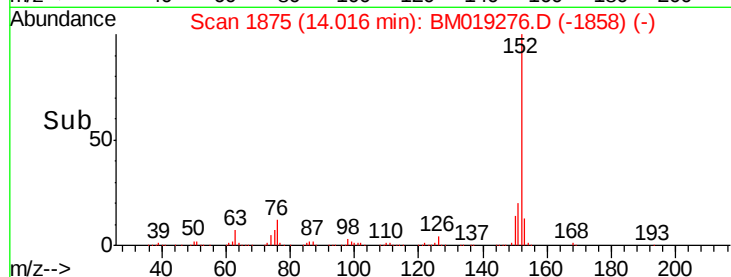
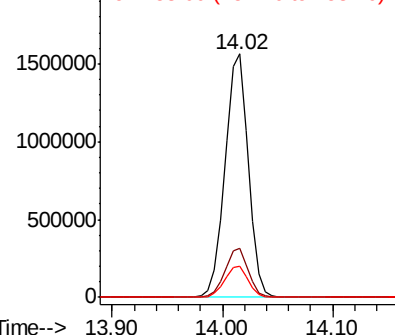


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.413 ng

RT: 13.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

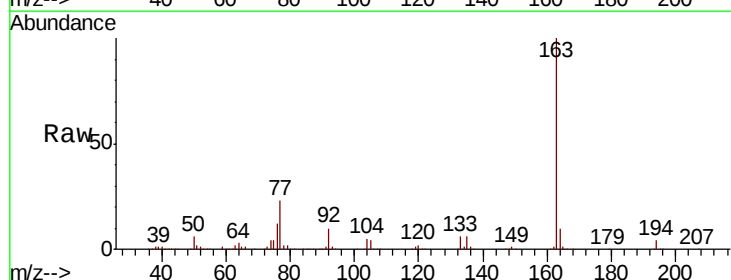
Tgt Ion:163 Resp: 1801639

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 8.2 12.2

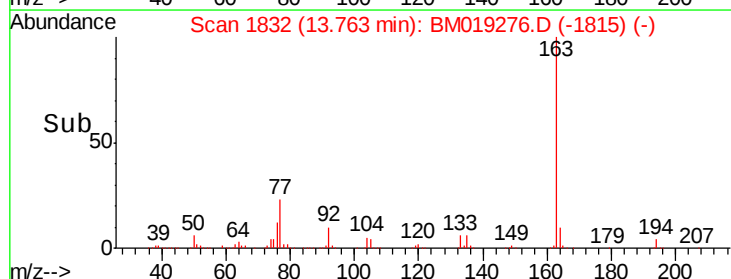
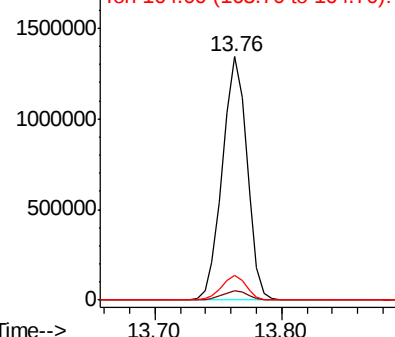


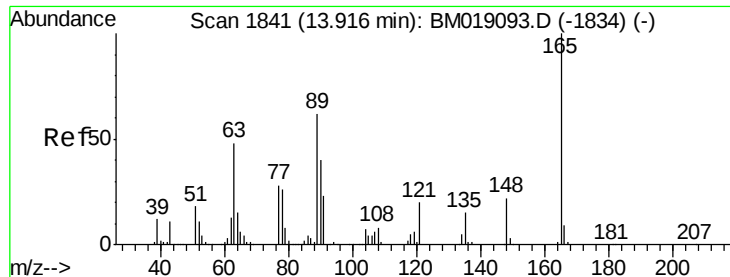
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





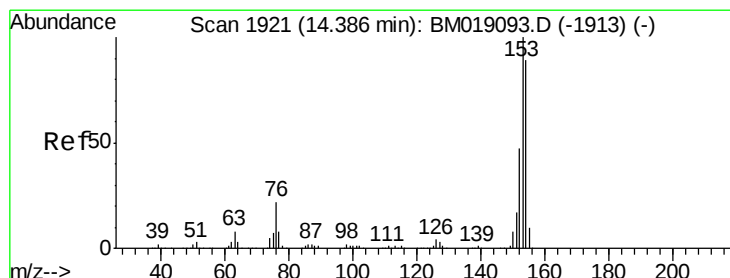
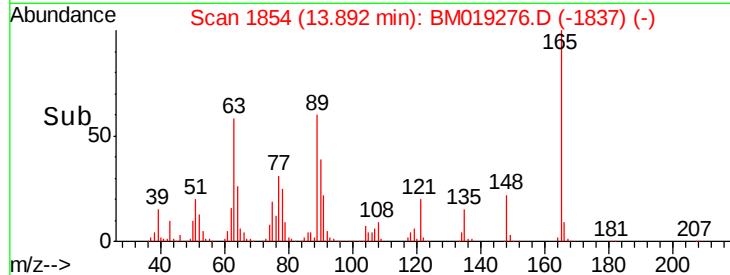
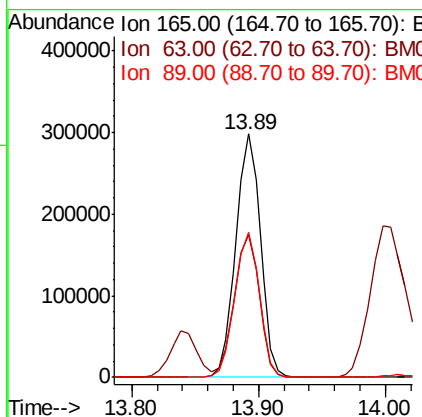
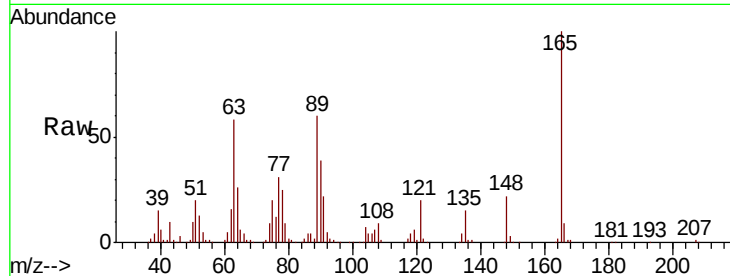
#51
2,6-Dinitrotoluene
Concen: 42.603 ng
RT: 13.89 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	400646		
63	58.5	46.7	70.1	
89	59.7	47.7	71.5	

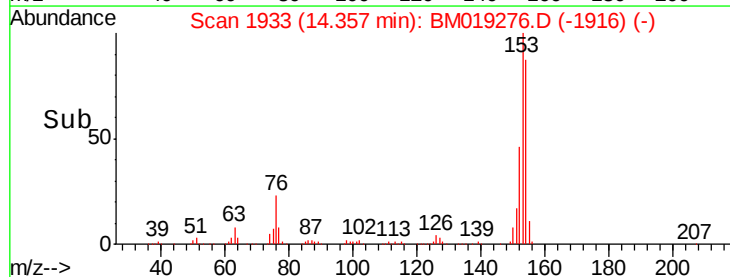
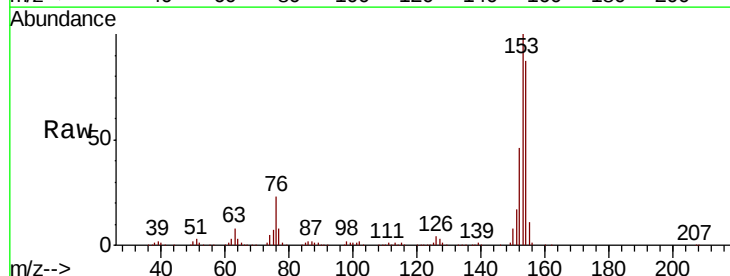
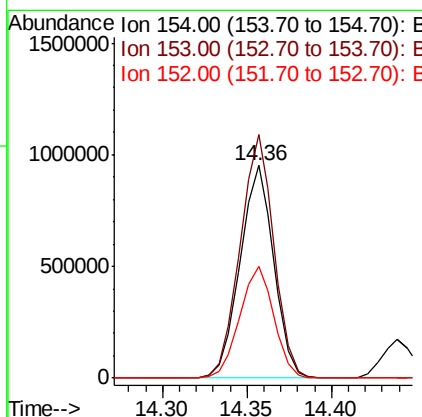
Manual Integrations
APPROVED

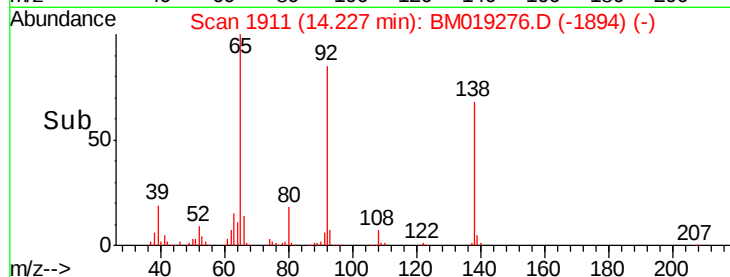
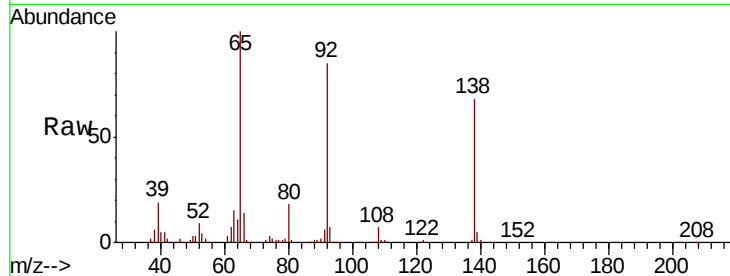
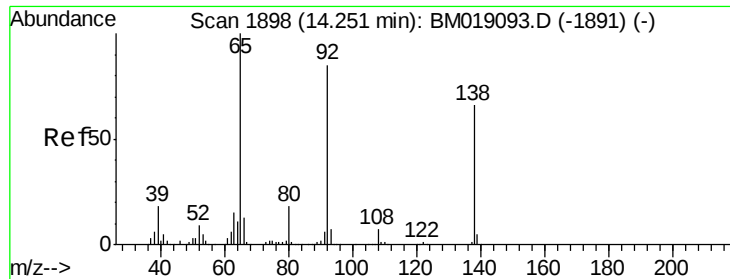
Sohil
3/22/2019 6:04:52 PM



#52
Acenaphthene
Concen: 41.056 ng
RT: 14.36 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1322333		
153	114.5	91.0	136.4	
152	52.6	42.1	63.1	





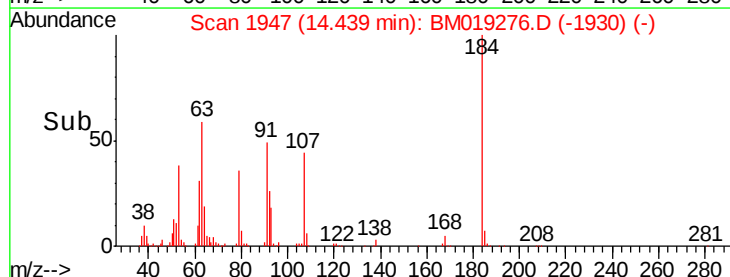
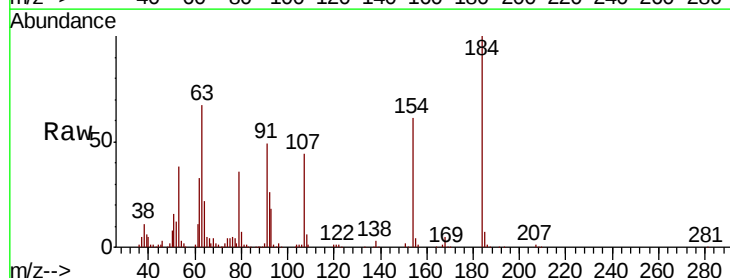
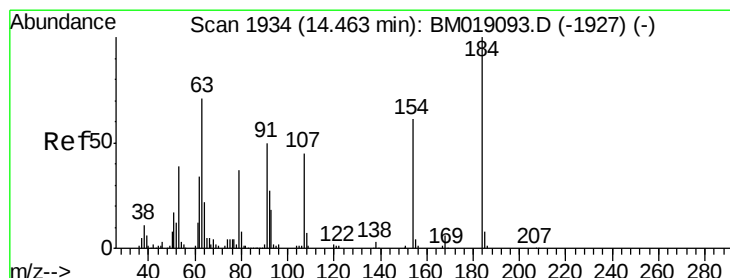
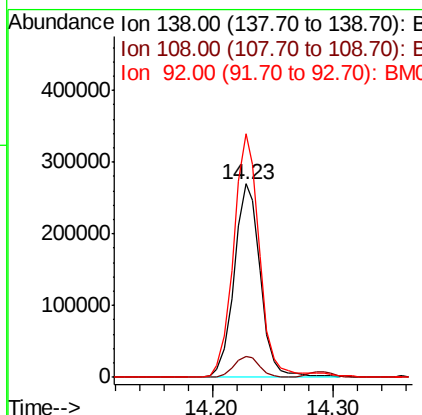
#53
3-Nitroaniline
Concen: 40.970 ng
RT: 14.23 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tot Ion:138 Resp: 408068
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 125.9 100.2 150.2

Instrument :
BNA_M
ClientSampleId :
PB118092BS

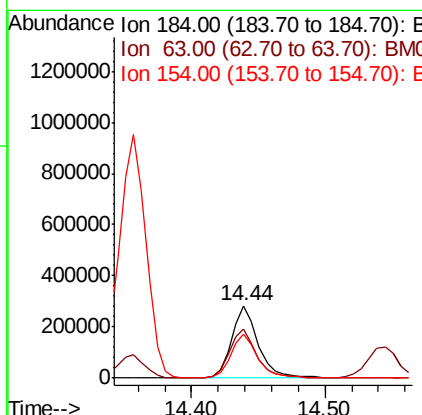
Manual Integrations
APPROVED

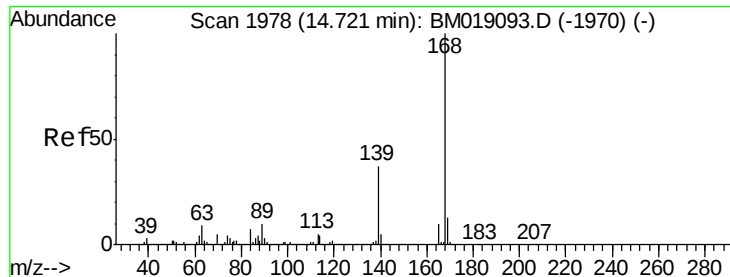
Sohil
3/22/2019 6:04:52 PM



#54
2,4-Dinitrophenol
Concen: 72.090 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:184 Resp: 393718
Ion Ratio Lower Upper
184 100
63 67.4 55.7 83.5
154 60.9 48.6 73.0





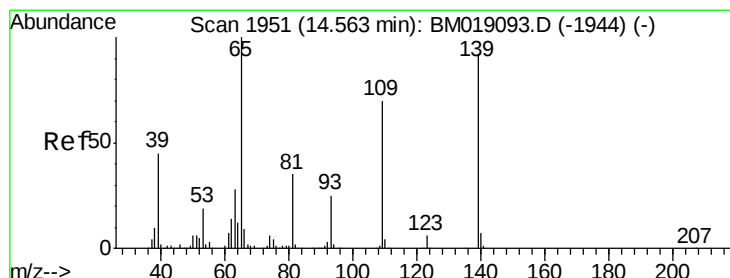
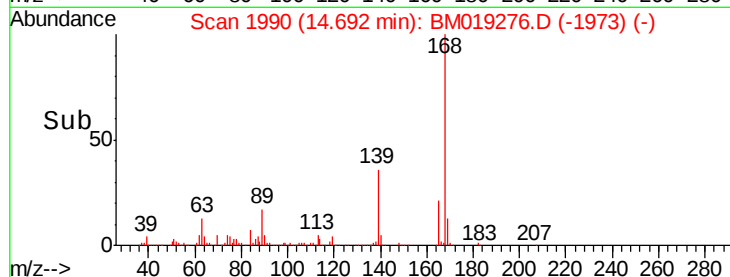
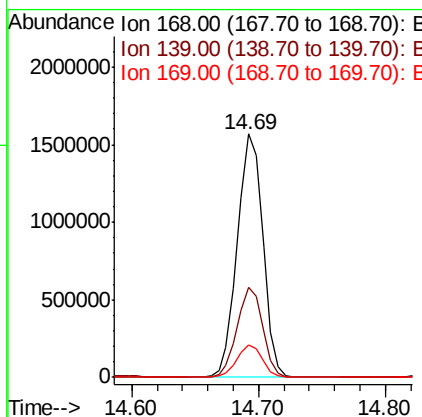
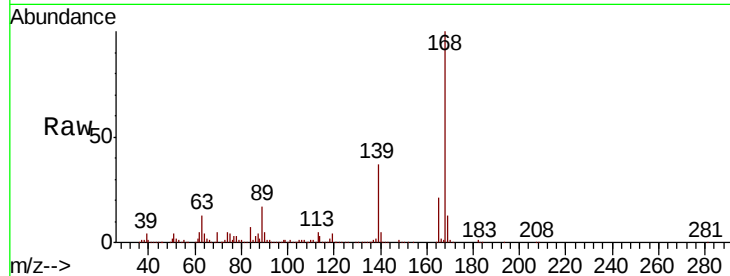
#55
Dibenzenofuran
Concen: 42.107 ng
RT: 14.69 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	29.8	44.6
169	13.2	10.8	16.2

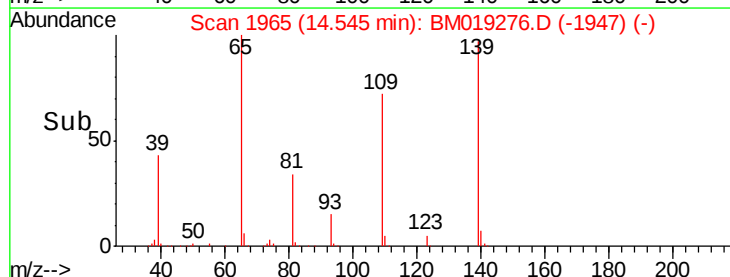
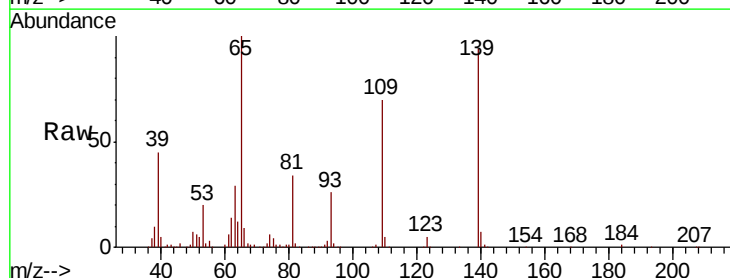
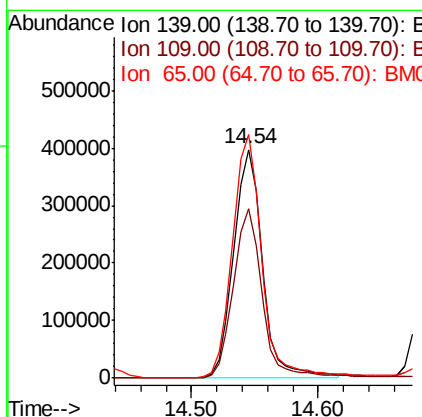
Manual Integrations
APPROVED

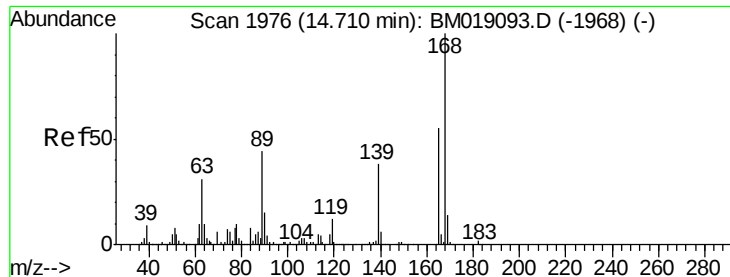
Sohil
3/22/2019 6:04:52 PM



#56
4-Nitrophenol
Concen: 76.952 ng
RT: 14.54 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.4	55.0	95.0
65	106.6	87.8	127.8





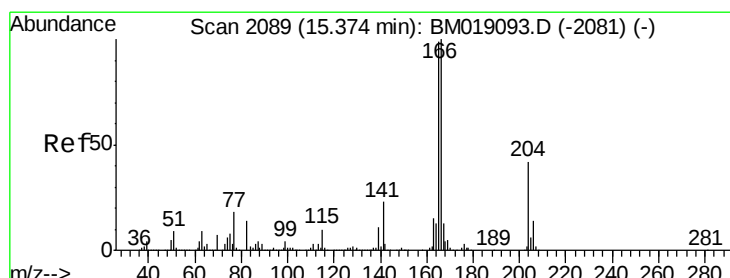
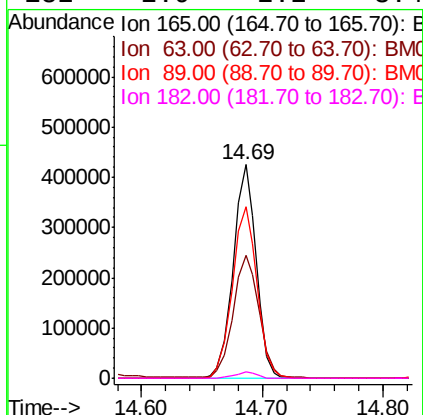
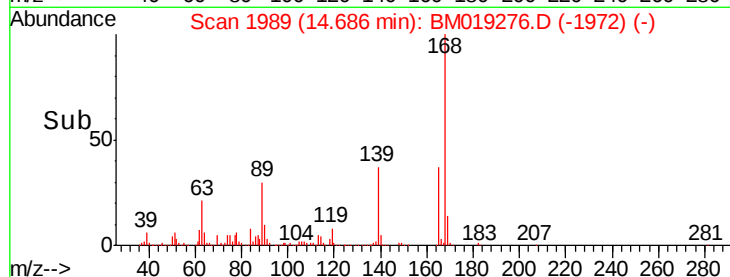
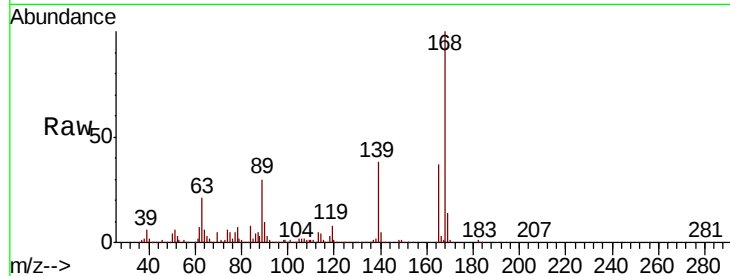
#57
 2,4-Dinitrotoluene
 Concen: 41.444 ng
 RT: 14.69 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Instrument :
 BNA_M
 ClientSampleId :
 PB118092BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.3	47.2	70.8	
89	80.3	65.5	98.3	
182	2.9	2.2	3.4	

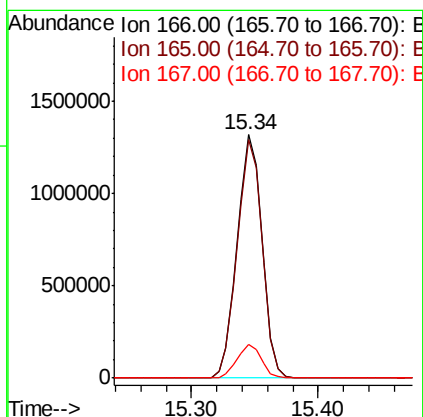
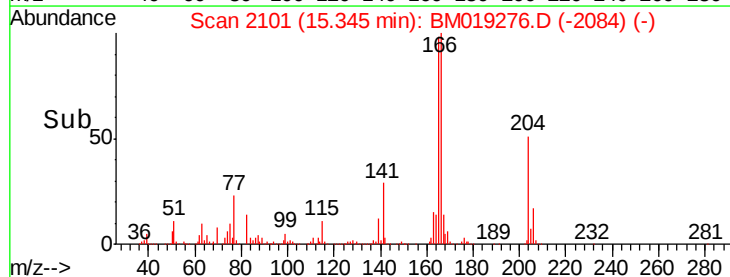
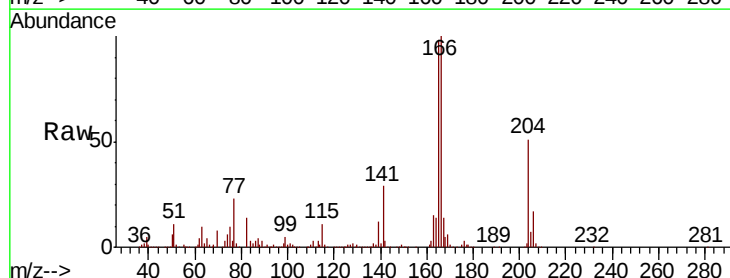
Manual Integrations
 APPROVED

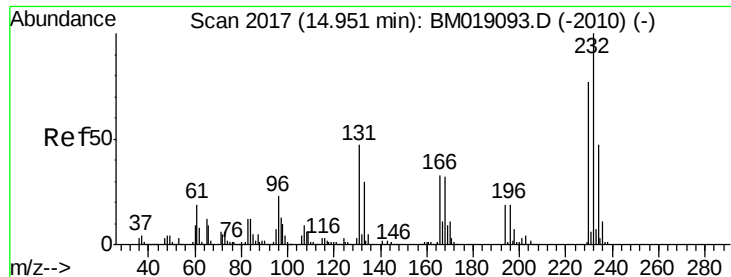
Sohil
 3/22/2019 6:04:52 PM



#58
 Fluorene
 Concen: 41.666 ng
 RT: 15.34 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.0	78.6	118.0	
167	13.7	10.7	16.1	





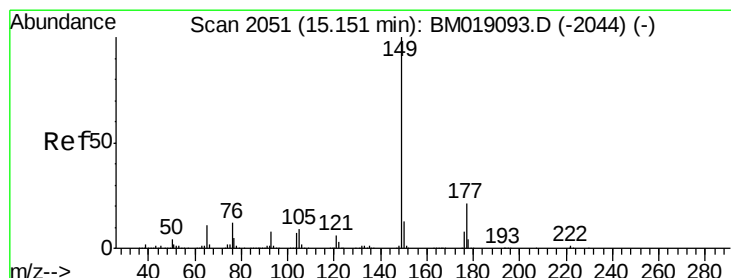
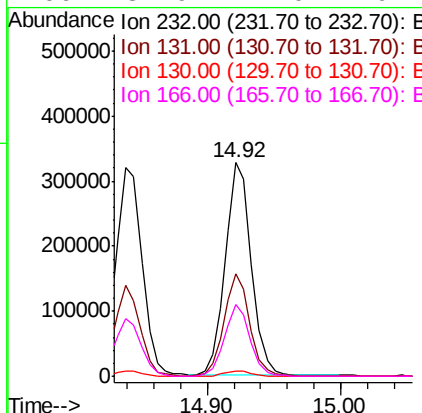
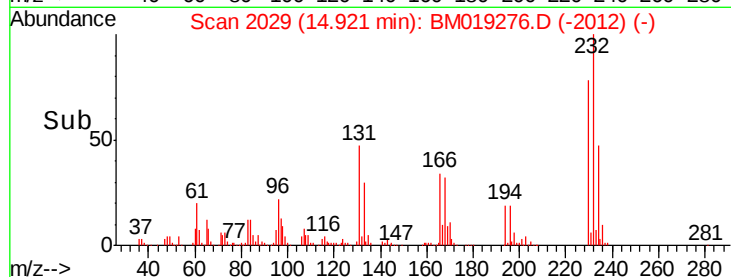
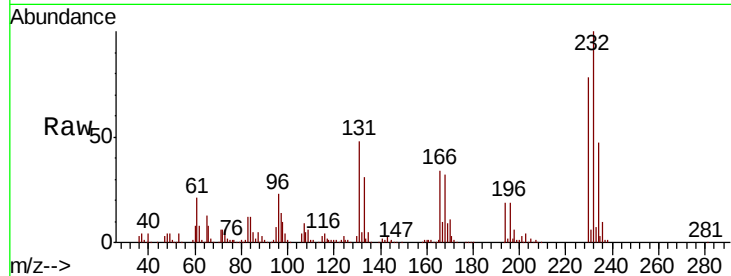
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.389 ng
RT: 14.92 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	37.2	55.8
130	2.5	2.0	3.0
166	32.9	27.0	40.4

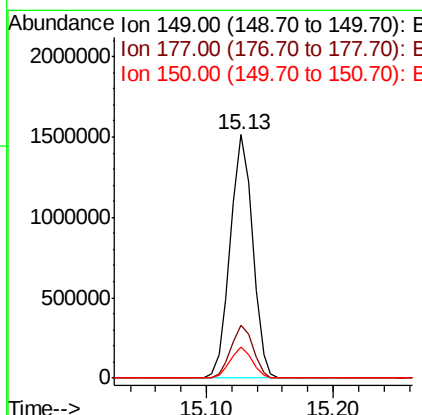
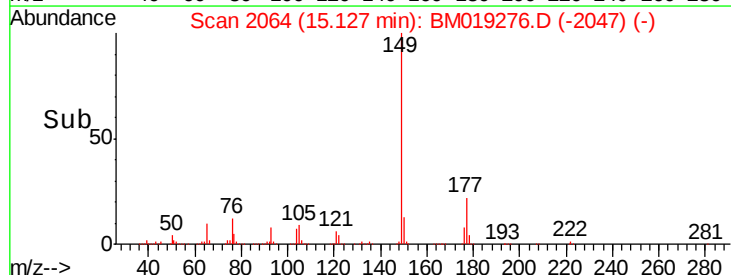
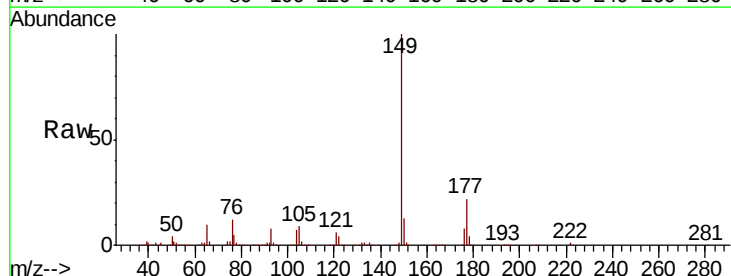
Manual Integrations
APPROVED

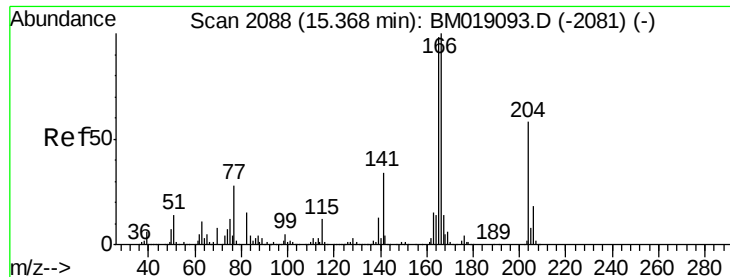
Sohil
3/22/2019 6:04:52 PM



#60
Diethylphthalate
Concen: 41.832 ng
RT: 15.13 min Scan# 2064
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.4	26.0
150	12.7	10.1	15.1





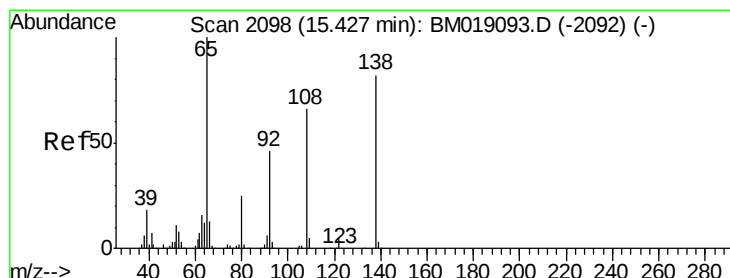
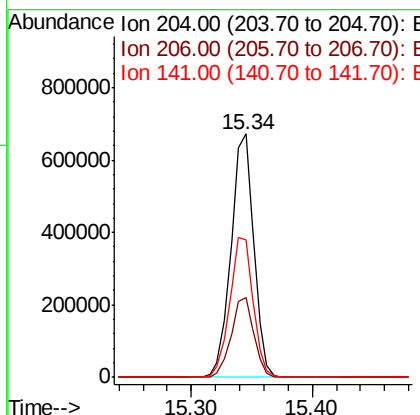
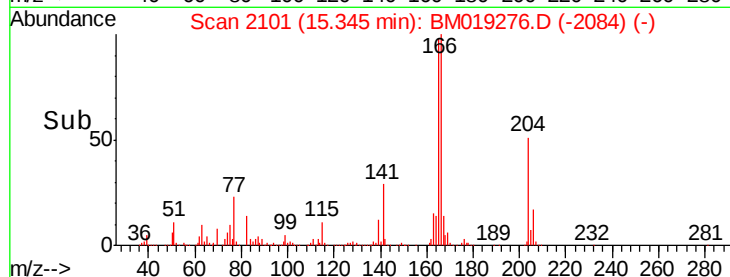
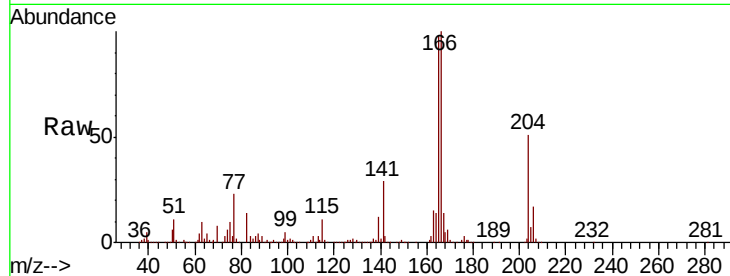
#61
4-Chlorophenyl-phenylether
Concen: 42.437 ng
RT: 15.34 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampled :
PB118092BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	882452		
206	32.7	26.0	39.0	
141	56.2	45.8	68.8	

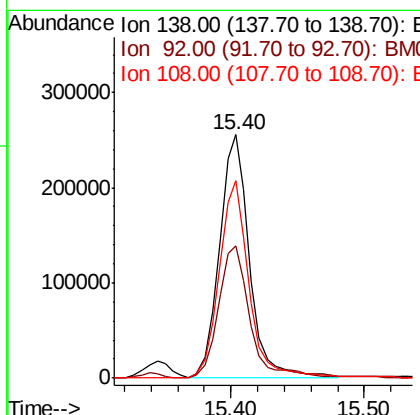
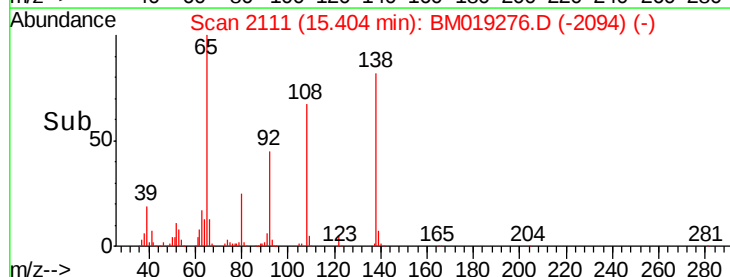
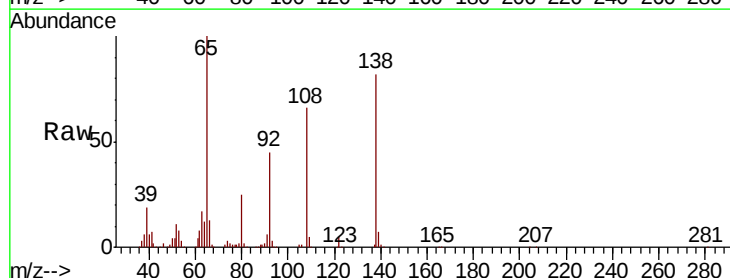
Manual Integrations
APPROVED

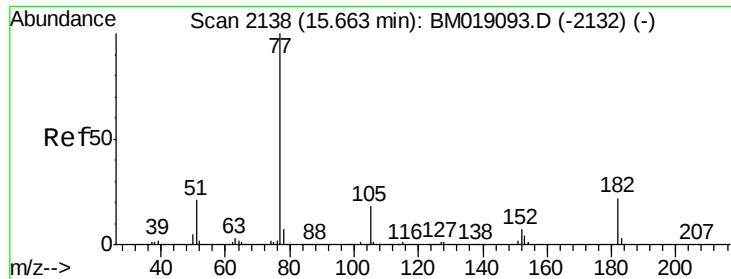
Sohil
3/22/2019 6:04:52 PM



#62
4-Nitroaniline
Concen: 39.695 ng
RT: 15.40 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	398444		
92	54.5	34.8	74.8	
108	81.0	58.9	98.9	





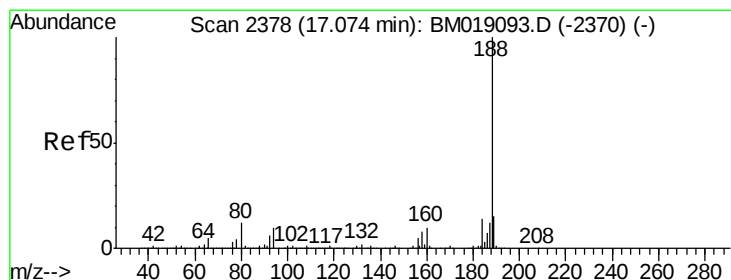
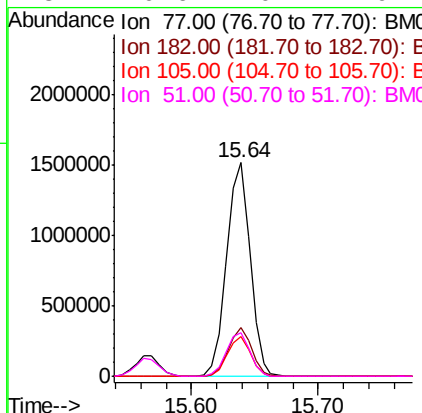
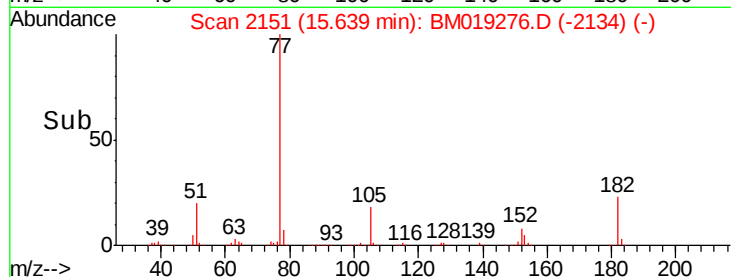
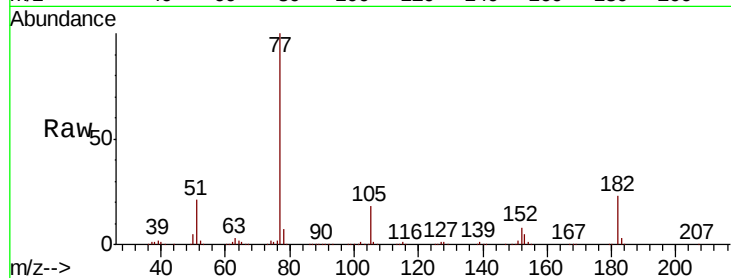
#63
Azobenzene
Concen: 42.013 ng
RT: 15.64 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	23.0	2.7	42.7	
105	18.4	0.0	38.1	
51	20.6	0.7	40.7	

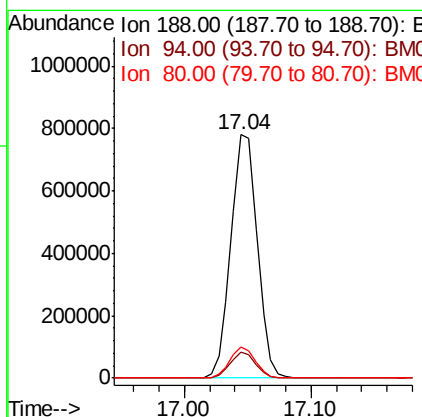
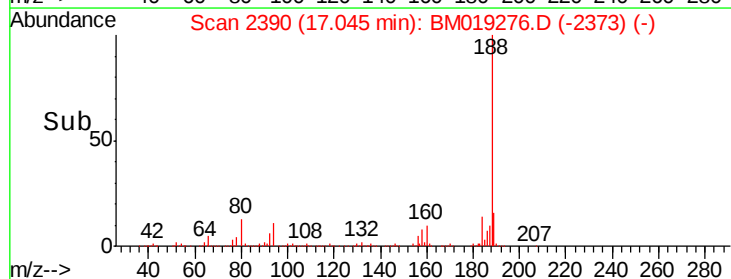
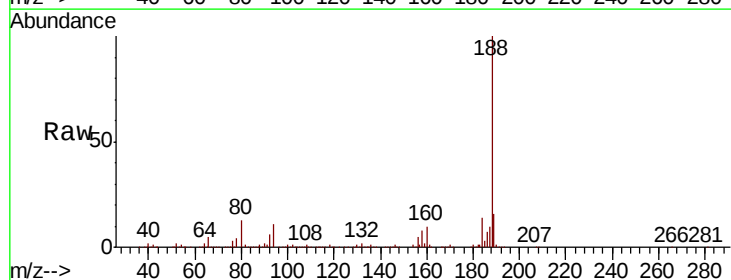
Manual Integrations
APPROVED

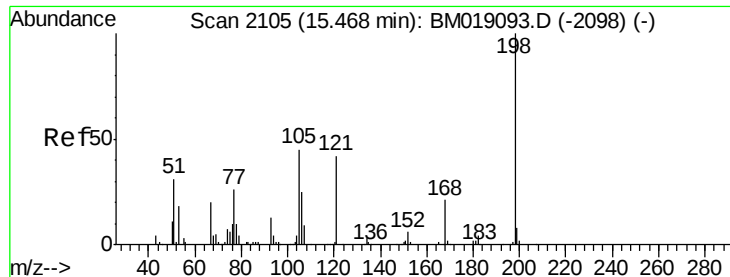
Sohil
3/22/2019 6:04:52 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.5	8.7	13.1	
80	12.7	9.8	14.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 39.120 ng

RT: 15.44 min Scan# 2118

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampled :

PB118092BS

Tot Ion:198 Resp: 287789

Ion Ratio Lower Upper

198 100

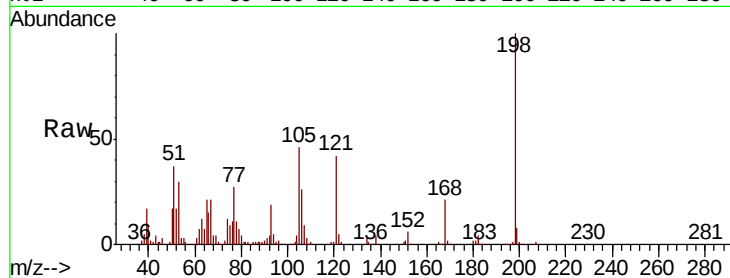
51 37.3 16.1 56.1

105 46.0 25.1 65.1

Manual Integrations
APPROVED

Sohil

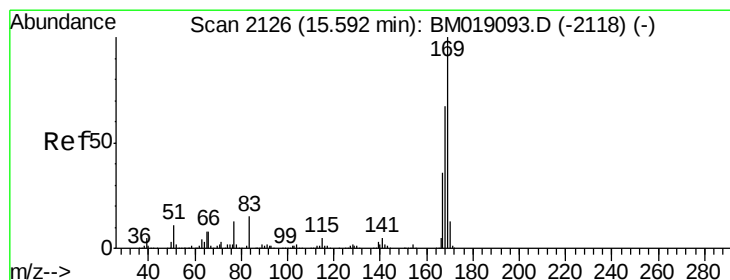
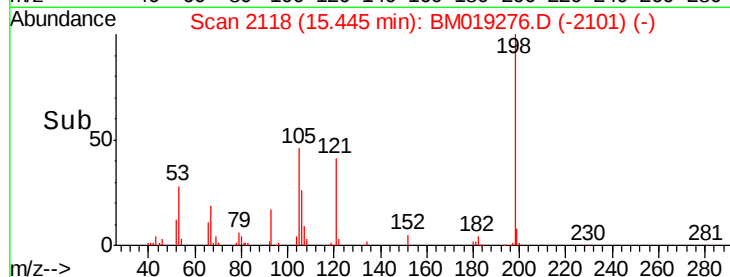
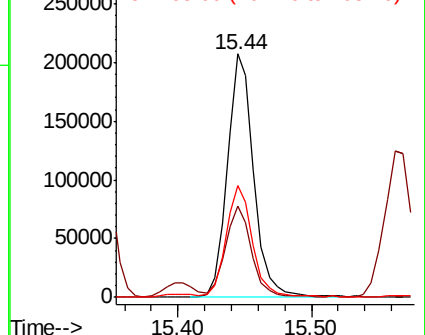
3/22/2019 6:04:52 PM



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: 42.947 ng

RT: 15.57 min Scan# 2139

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

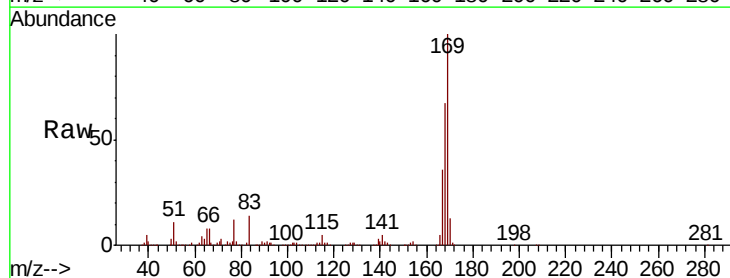
Tgt Ion:169 Resp: 1534974

Ion Ratio Lower Upper

169 100

168 67.2 55.0 82.4

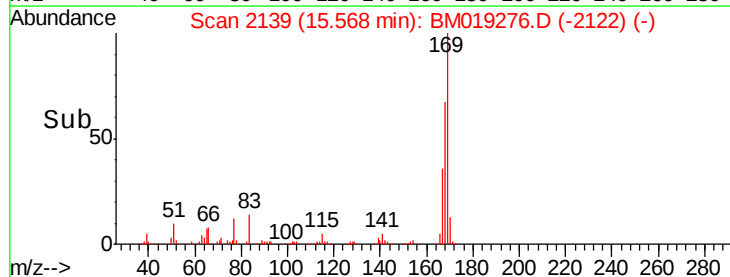
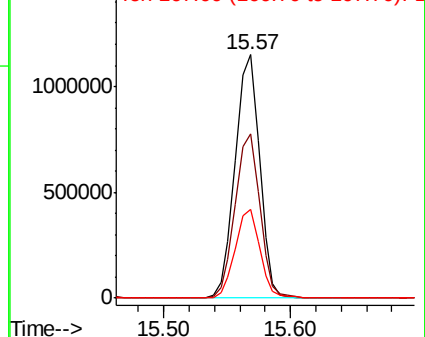
167 36.3 29.1 43.7

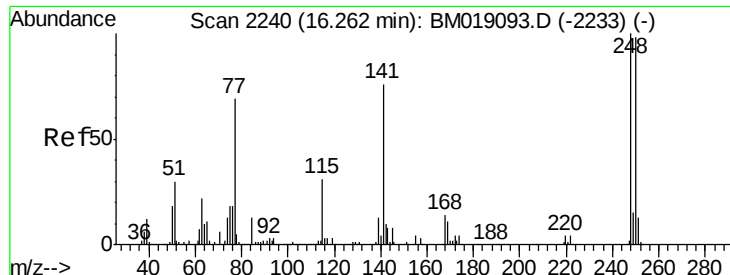


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





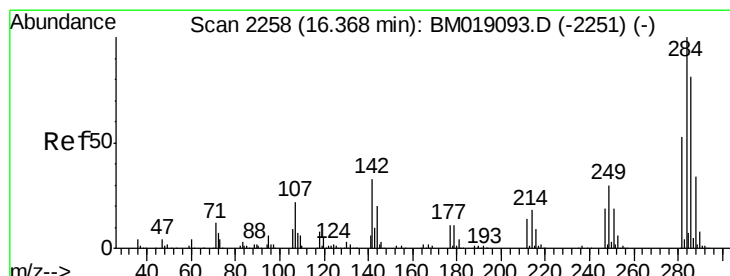
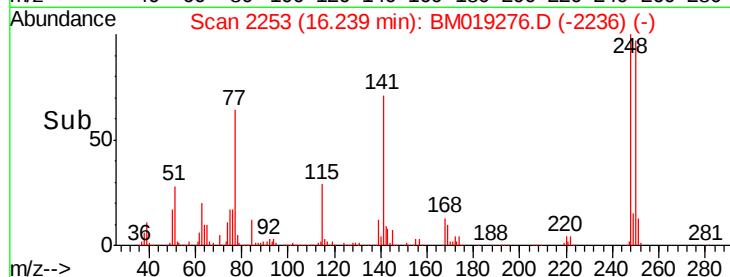
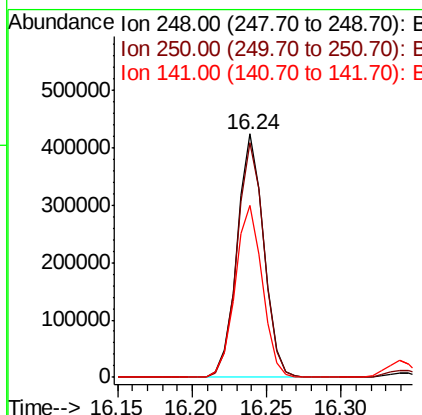
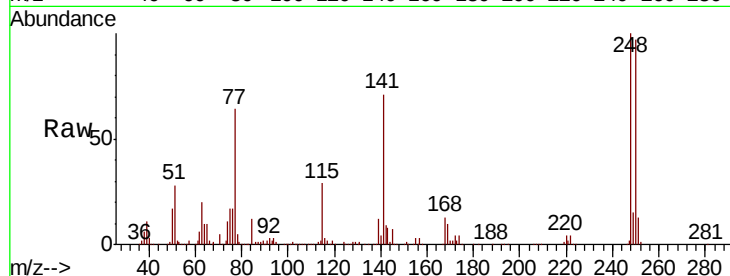
#67
4-Bromophenyl-phenylether
Concen: 42.617 ng
RT: 16.24 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.2	117.2
141	70.7	57.2	85.8

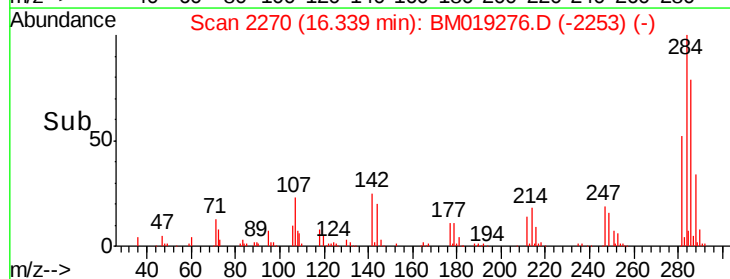
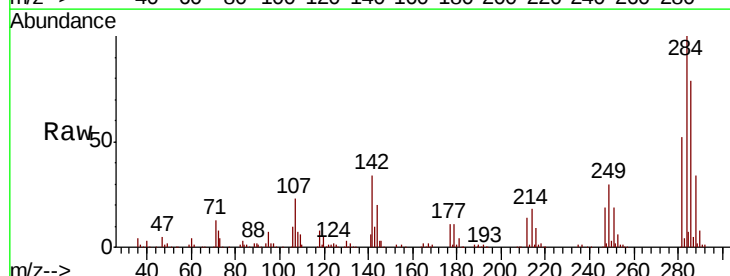
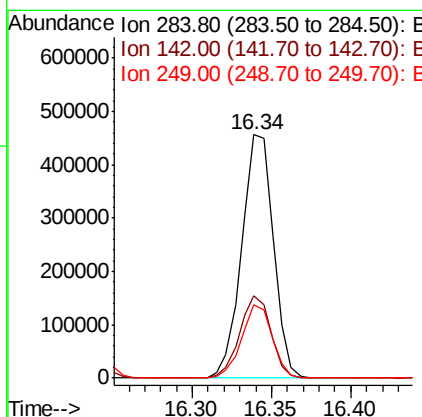
Manual Integrations
APPROVED

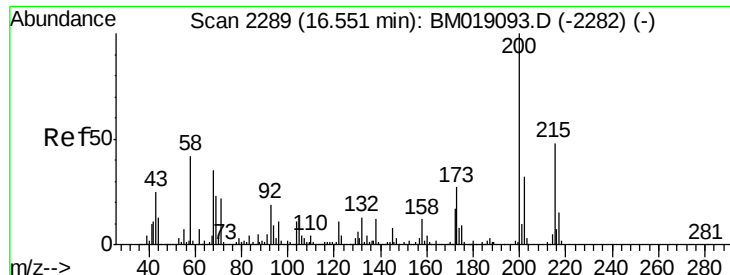
Sohil
3/22/2019 6:04:52 PM



#68
Hexachlorobenzene
Concen: 43.054 ng
RT: 16.34 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	27.9	41.9
249	30.1	23.5	35.3





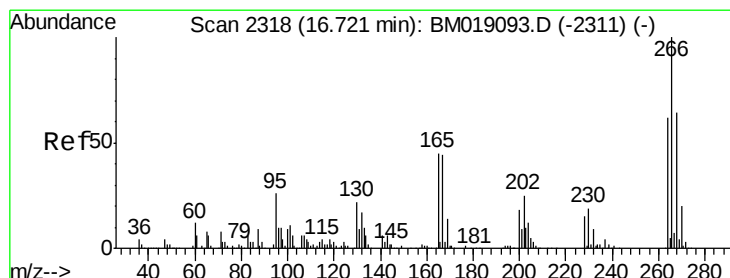
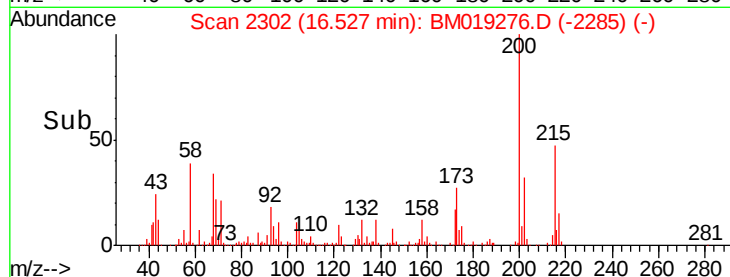
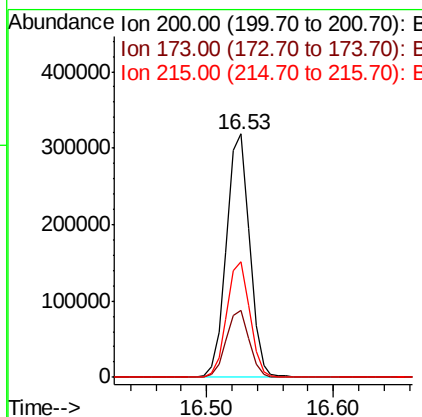
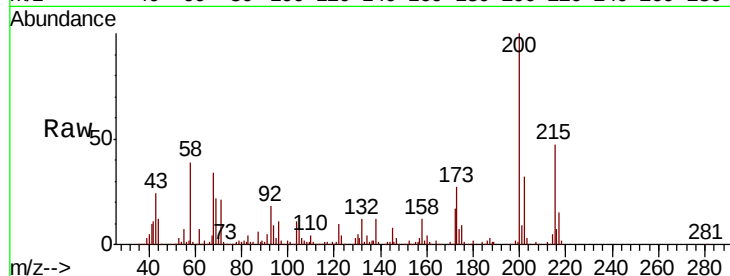
#69
Atrazine
Concen: 33.614 ng
RT: 16.53 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	404415		
173	27.3	6.8	46.8	
215	47.3	26.4	66.4	

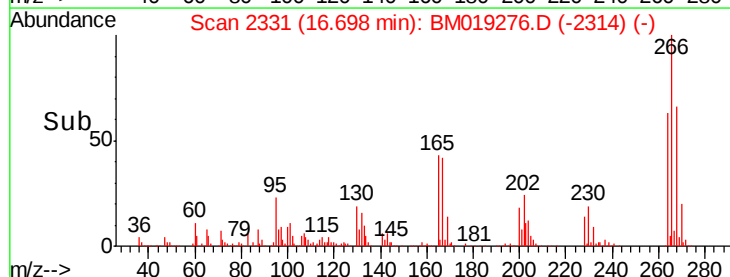
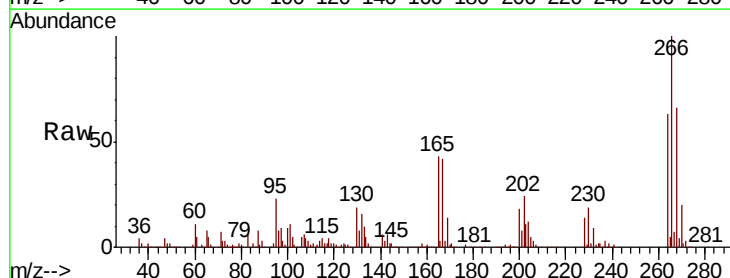
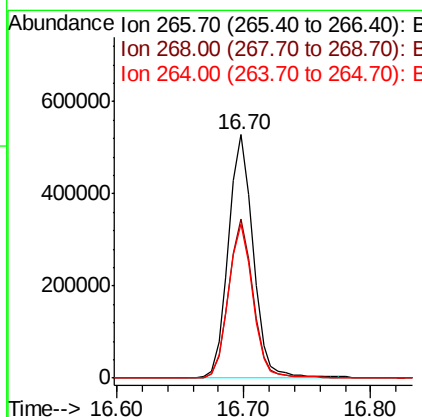
Manual Integrations
APPROVED

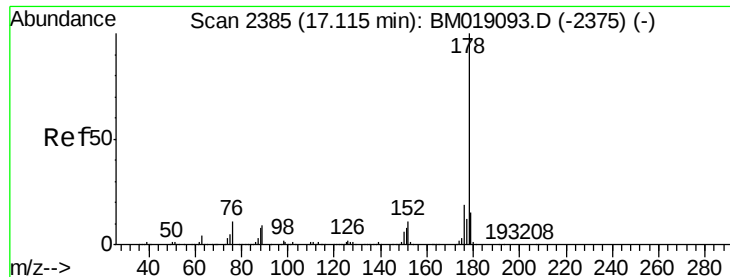
Sohil
3/22/2019 6:04:52 PM



#70
Pentachlorophenol
Concen: 80.525 ng
RT: 16.70 min Scan# 2331
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	714062		
268	65.5	52.0	78.0	
264	63.3	50.6	76.0	





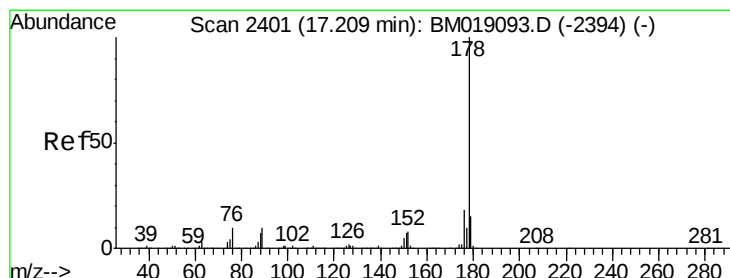
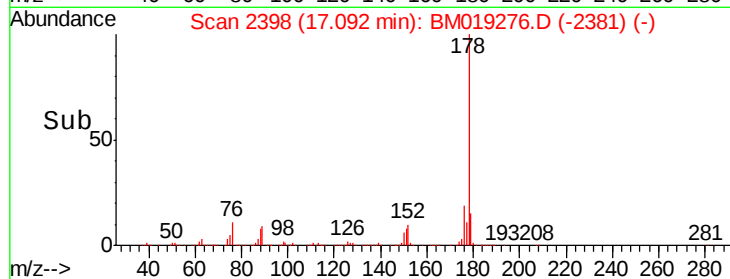
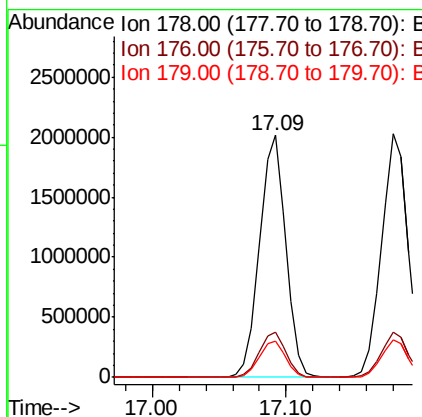
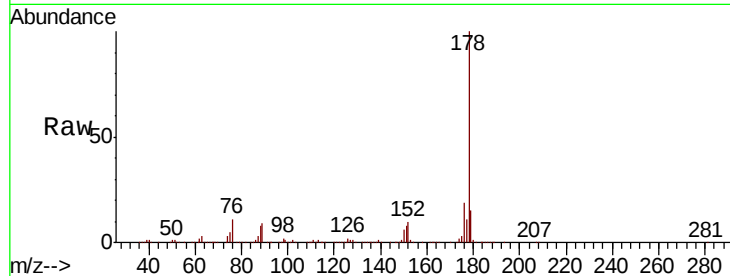
#71
Phenanthrene
Concen: 41.220 ng
RT: 17.09 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampled :
PB118092BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.2	12.2	18.4

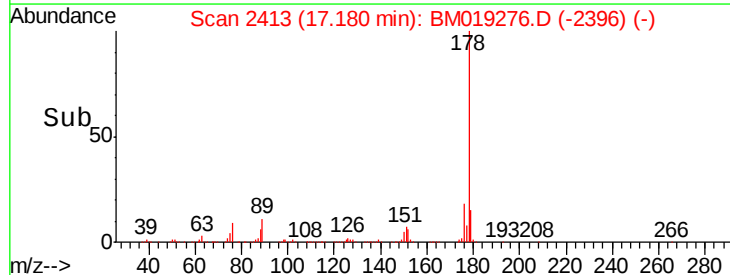
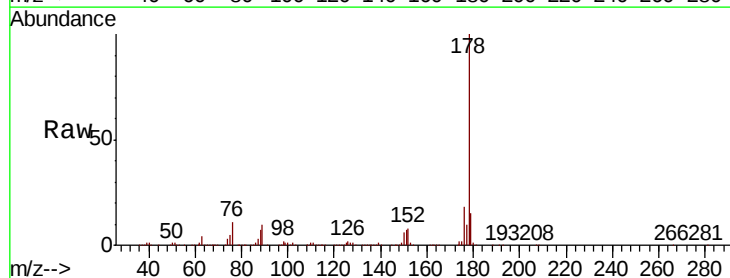
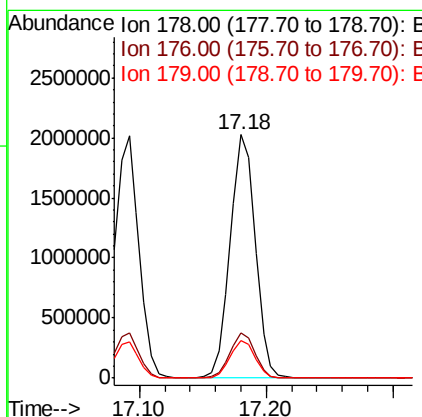
Manual Integrations
APPROVED

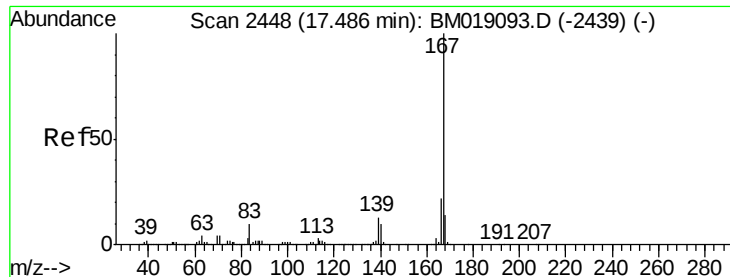
Sohil
3/22/2019 6:04:52 PM



#72
Anthracene
Concen: 42.875 ng
RT: 17.18 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.4	12.2	18.2





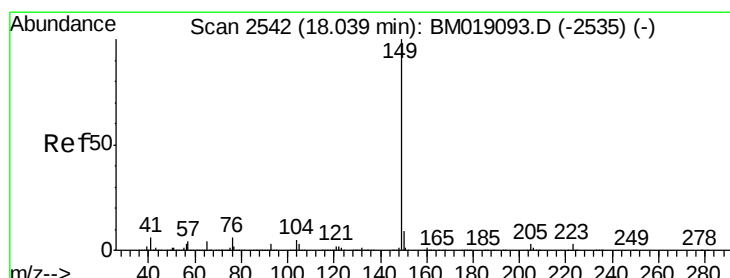
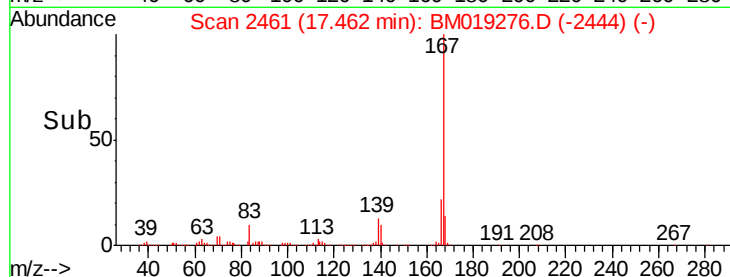
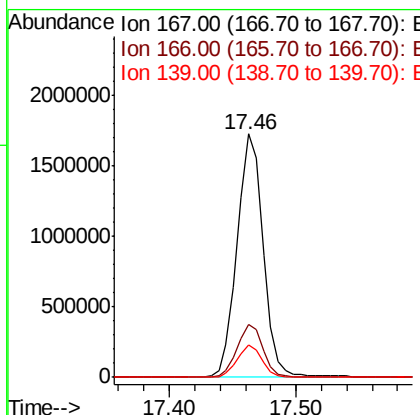
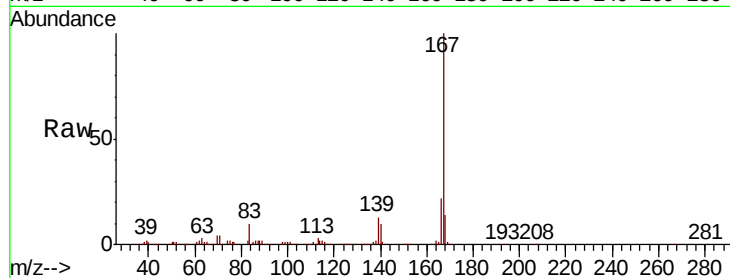
#73
 Carbazole
 Concen: 40.397 ng
 RT: 17.46 min Scan# 2461
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Instrument :
 BNA_M
 ClientSampleId :
 PB118092BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.1	10.3	15.5

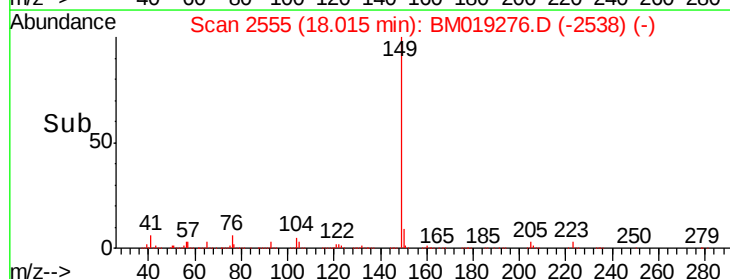
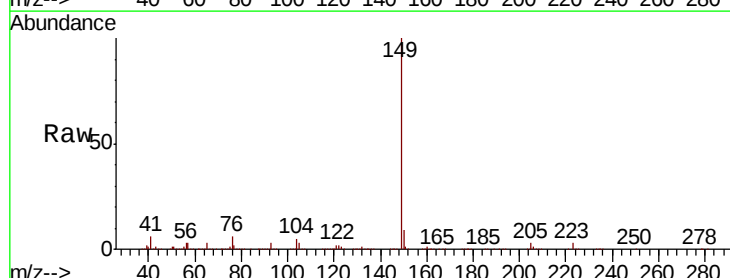
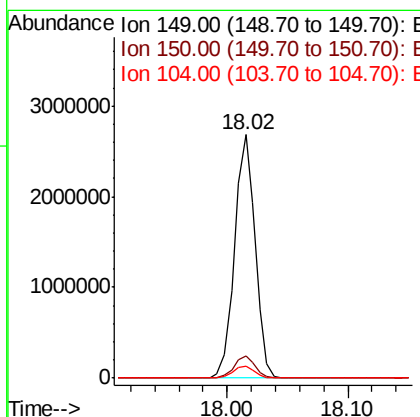
Manual Integrations
 APPROVED

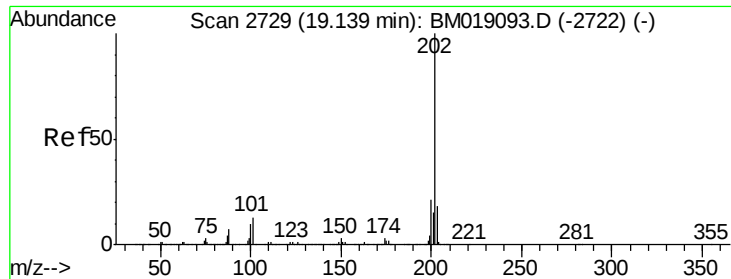
Sohil
 3/22/2019 6:04:52 PM



#74
 Di-n-butylphthalate
 Concen: 43.277 ng
 RT: 18.02 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.1	4.1	6.1





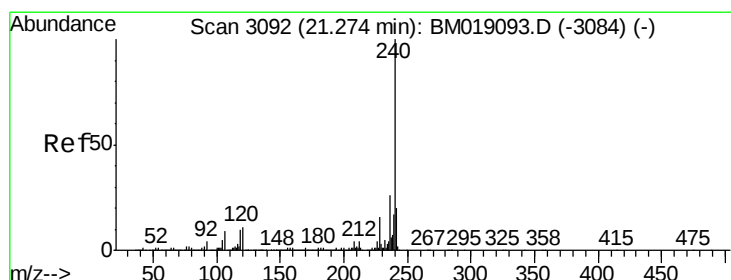
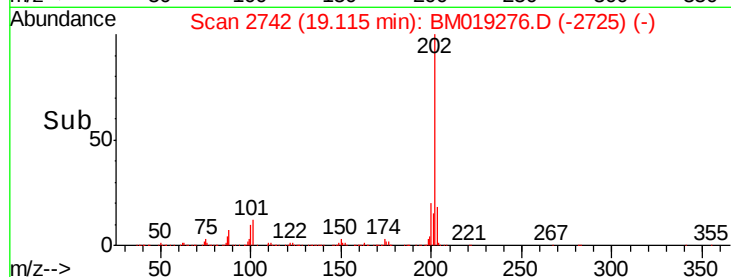
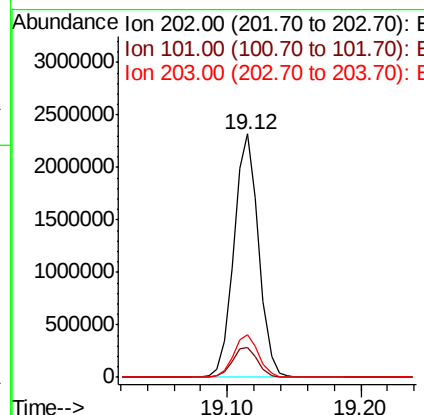
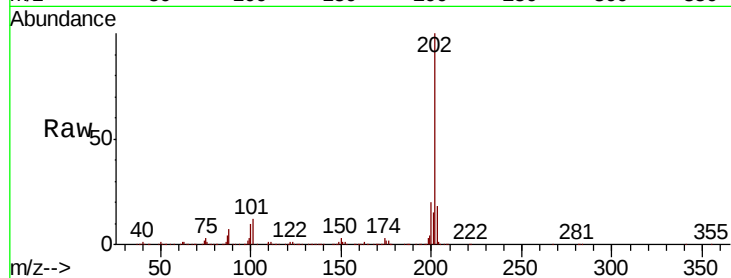
#75
 Fluoranthene
 Concen: 39.697 ng
 RT: 19.12 min Scan# 2742
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Instrument :
 BNA_M
 ClientSampleId :
 PB118092BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.8
203	17.6	0.0	37.3

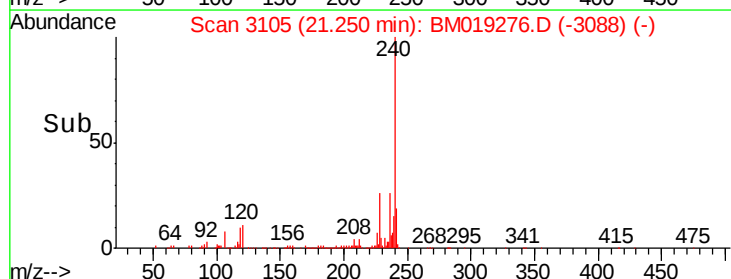
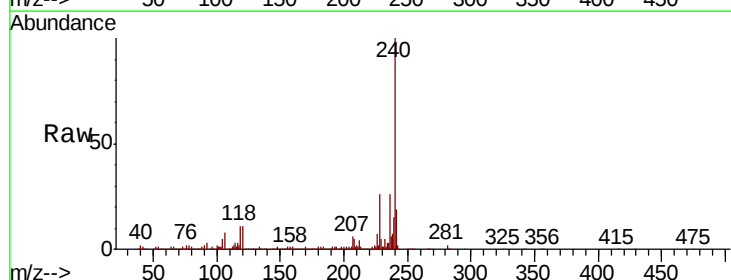
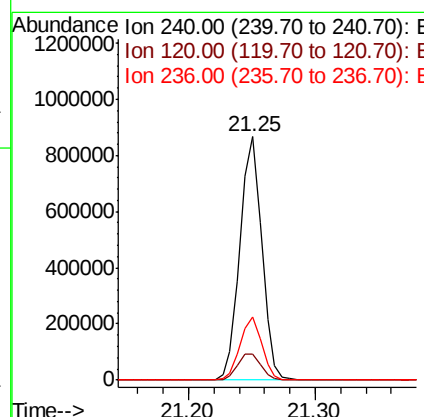
Manual Integrations
 APPROVED

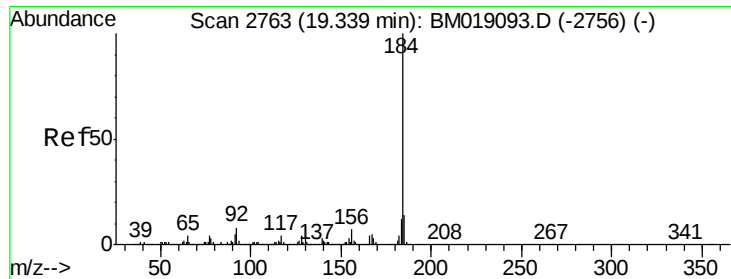
Sohil
 3/22/2019 6:04:52 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.2	13.8
236	25.7	20.3	30.5





#77

Benzidine

Concen: 96.140 ng

RT: 19.32 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

PB118092BS

Tot Ion:184 Resp: 2821698

Ion Ratio Lower Upper

184 100

185 13.9 11.2 16.8

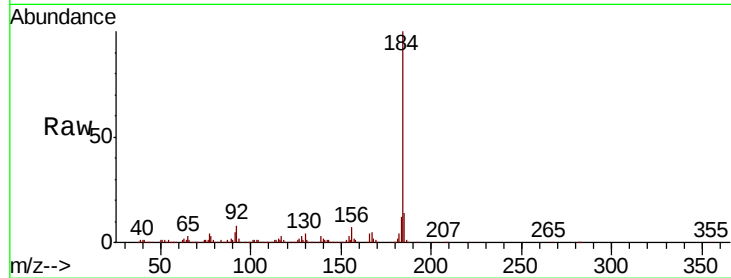
183 12.2 9.7 14.5

Manual Integrations

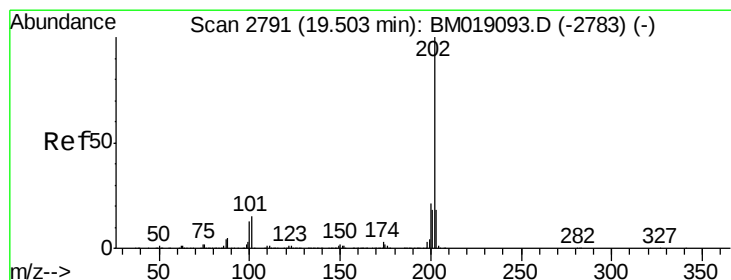
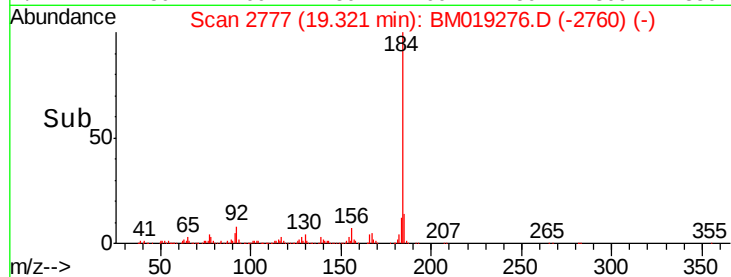
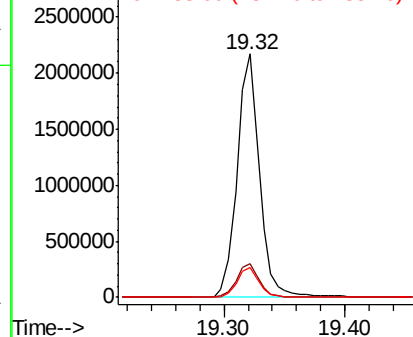
APPROVED

Sohil

3/22/2019 6:04:52 PM



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



#78

Pyrene

Concen: 46.451 ng

RT: 19.48 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

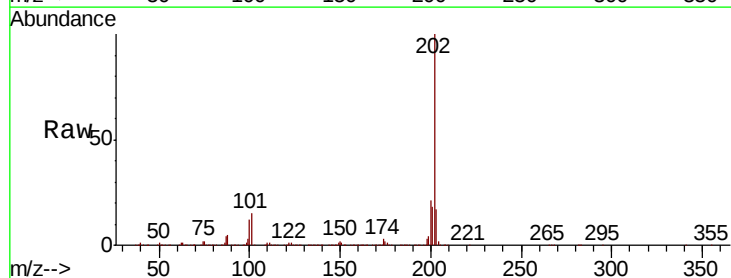
Tgt Ion:202 Resp: 3041483

Ion Ratio Lower Upper

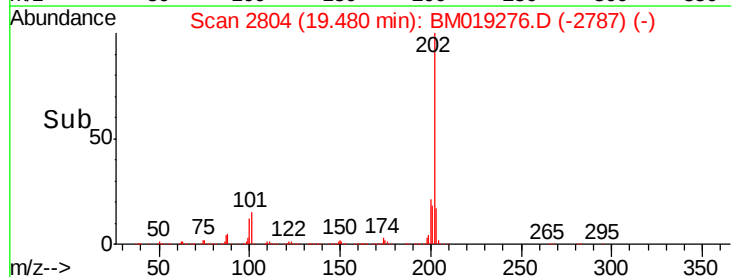
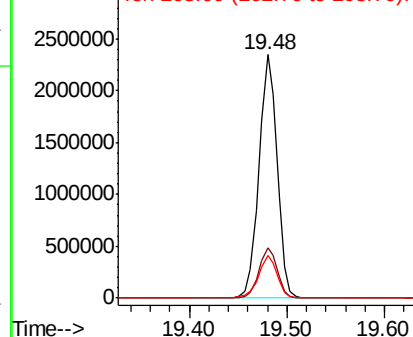
202 100

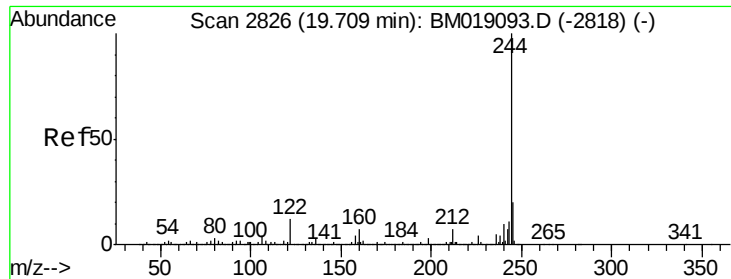
200 20.9 16.7 25.1

203 17.5 13.9 20.9



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





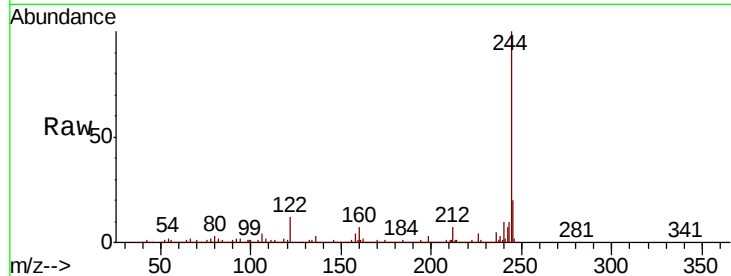
#79
 Terphenyl-d14
 Concen: 102.454 ng
 RT: 19.69 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Instrument :
 BNA_M
 ClientSampleId :
 PB118092BS

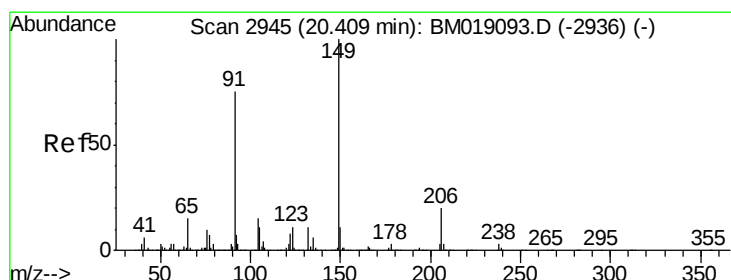
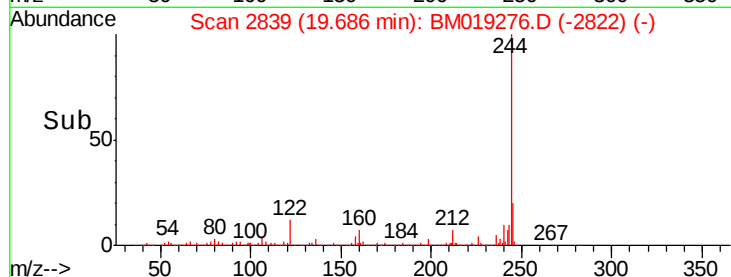
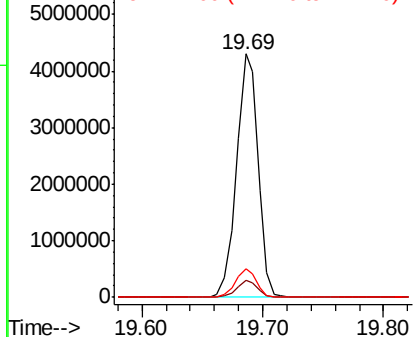
Tot Ion:244 Resp: 5340849
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.8 9.6 14.4

Manual Integrations
 APPROVED

Sohil
 3/22/2019 6:04:52 PM

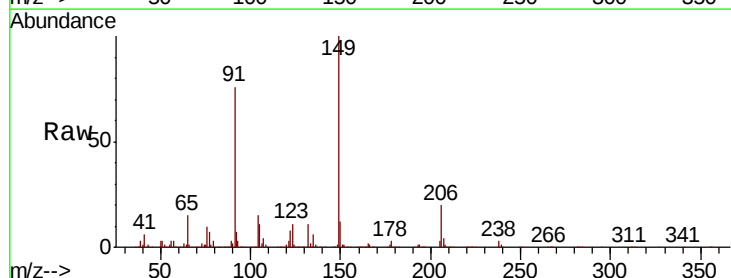


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

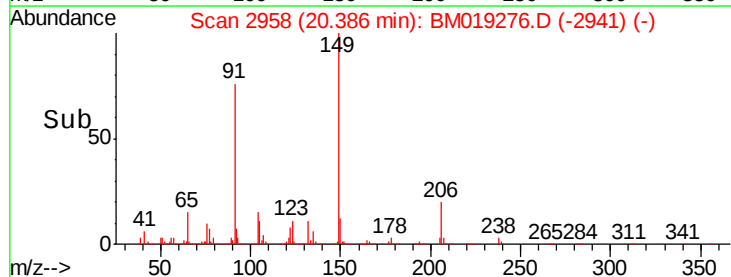
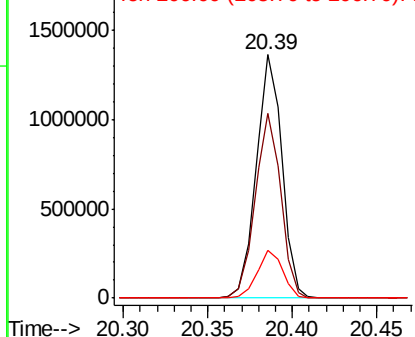


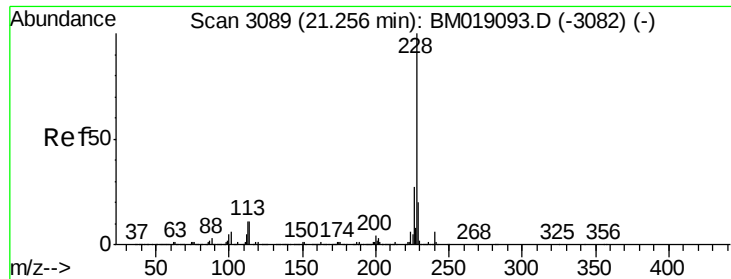
#80
 Butylbenzylphthalate
 Concen: 50.581 ng
 RT: 20.39 min Scan# 2958
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion:149 Resp: 1442529
 Ion Ratio Lower Upper
 149 100
 91 75.9 61.6 92.4
 206 19.5 15.9 23.9



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





#81

Benzo(a)anthracene

Concen: 41.760 ng

RT: 21.23 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampled :

PB118092BS

Tot Ion:228 Resp: 2711226

Ion Ratio Lower Upper

228 100

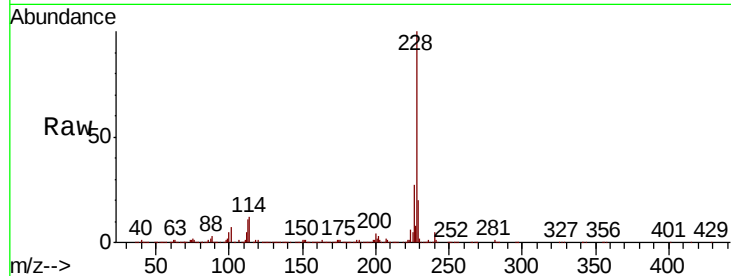
226 26.9 21.6 32.4

229 19.5 15.8 23.8

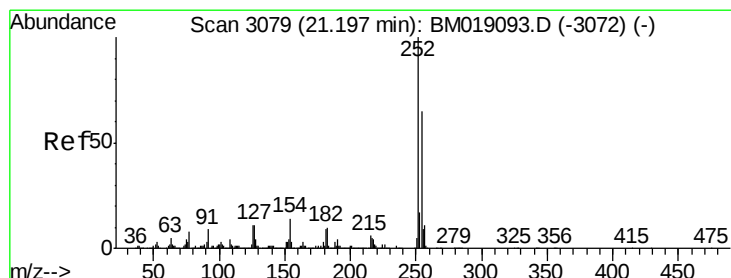
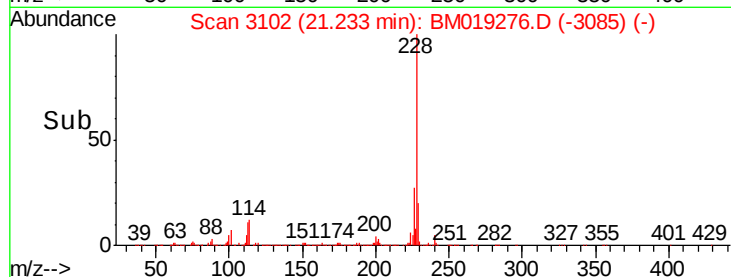
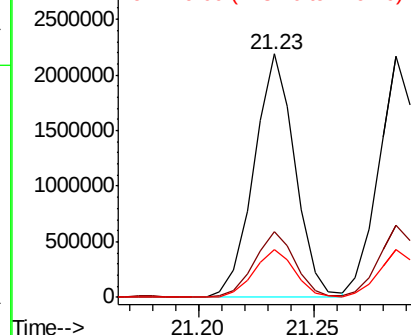
Manual Integrations
APPROVED

Sohil

3/22/2019 6:04:52 PM



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.150 ng

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

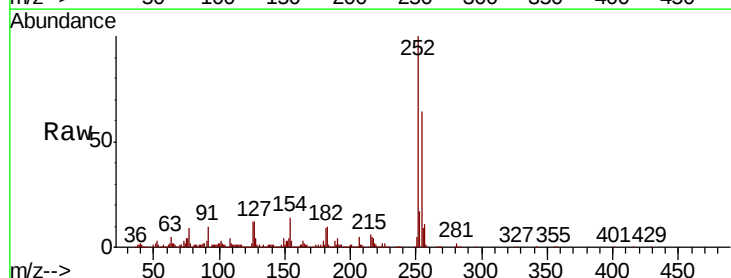
Tgt Ion:252 Resp: 1054205

Ion Ratio Lower Upper

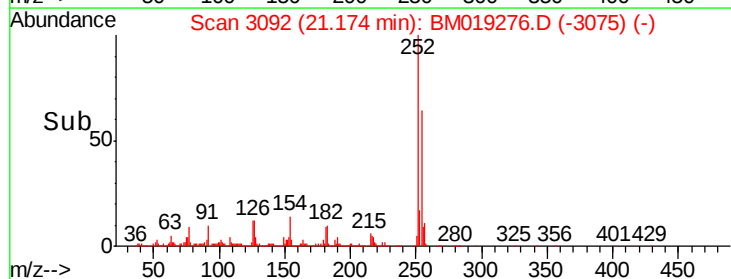
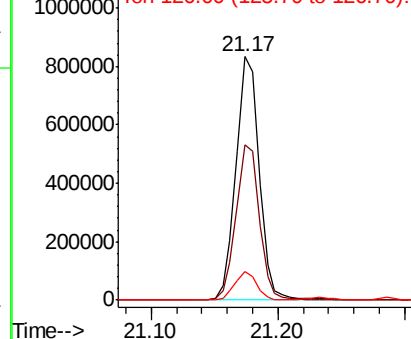
252 100

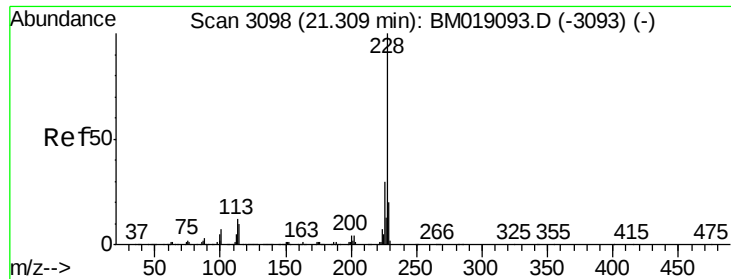
254 64.0 51.0 76.4

126 11.7 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





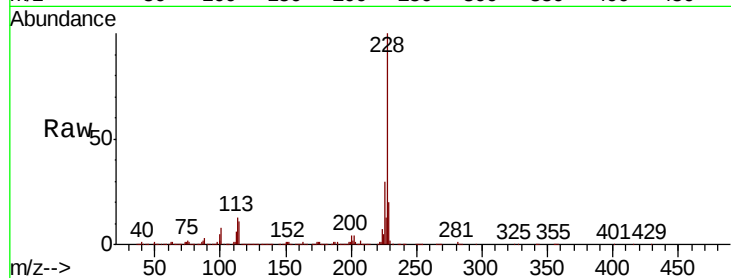
#83
 Chrvsene
 Concen: 40.001 ng
 RT: 21.29 min Scan# 3111
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Instrument :
 BNA_M
 ClientSampleId :
 PB118092BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	19.9	15.8	23.6

Manual Integrations
 APPROVED

Sohil
 3/22/2019 6:04:52 PM

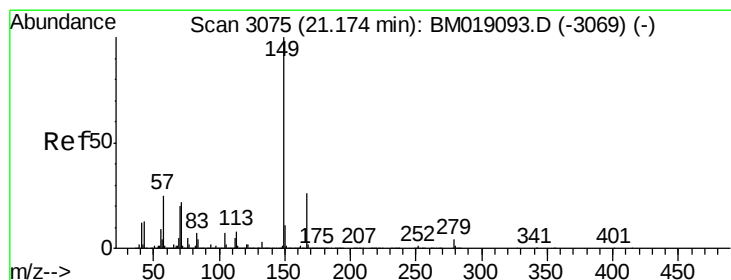
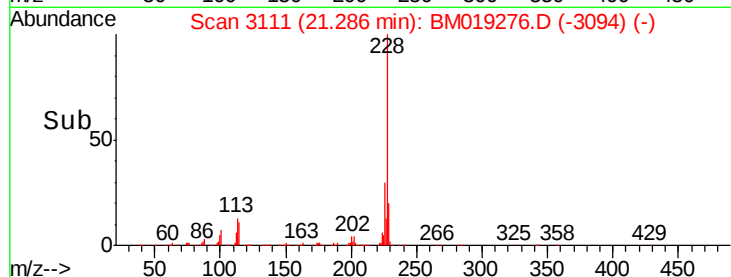
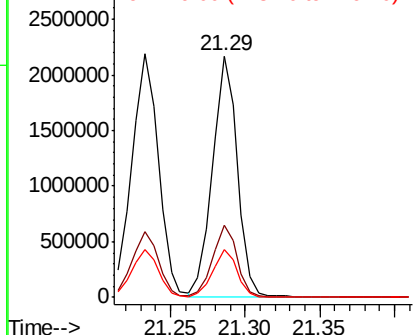


Abundance

Ion 228.00 (227.70 to 228.70): E

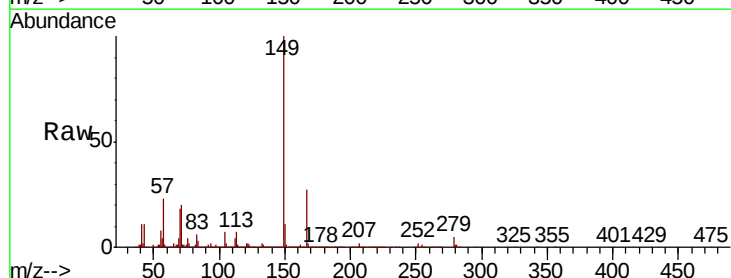
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.611 ng
 RT: 21.16 min Scan# 3089
 Delta R.T. 0.00 min
 Lab File: BM019276.D
 Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.2
279	4.7	3.6	5.4

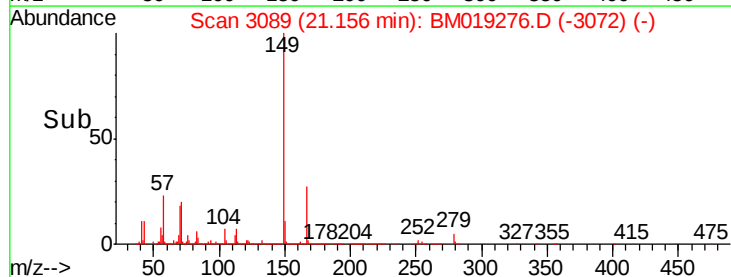
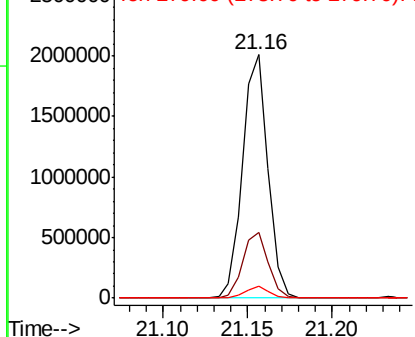


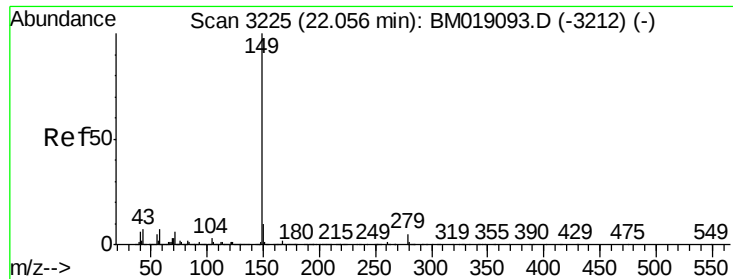
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.956 ng

RT: 22.03 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

Instrument :

BNA_M

ClientSampleId :

PB118092BS

Tot Ion:149 Resp: 3350485

Ion Ratio Lower Upper

149 100

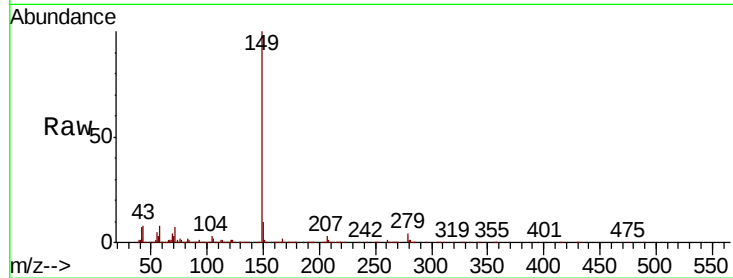
167 1.6 1.3 1.9

43 7.6 6.0 9.0

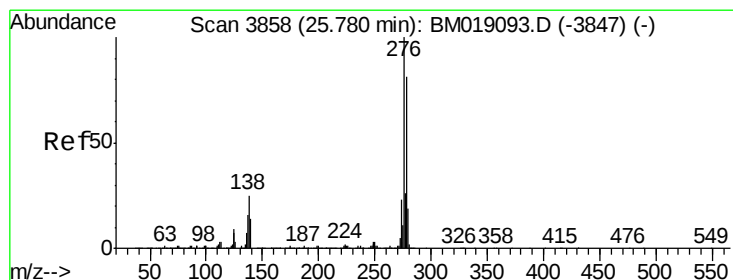
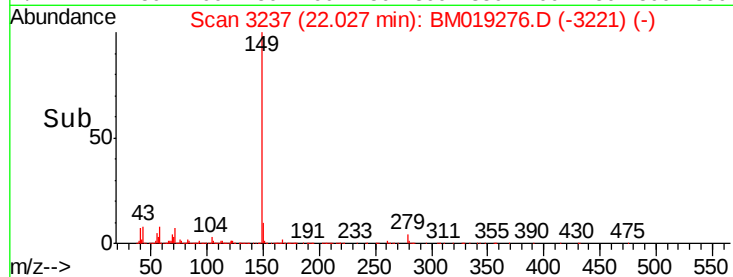
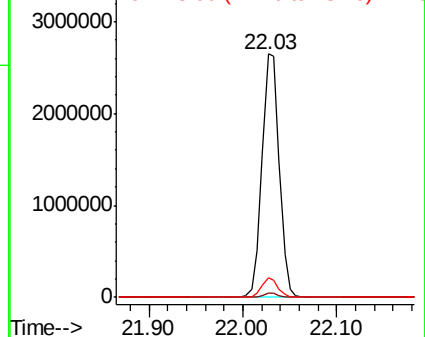
Manual Integrations
APPROVED

Sohil

3/22/2019 6:04:52 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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.968 ng

RT: 25.73 min Scan# 3866

Delta R.T. -0.01 min

Lab File: BM019276.D

Acq: 20 Mar 2019 23:48

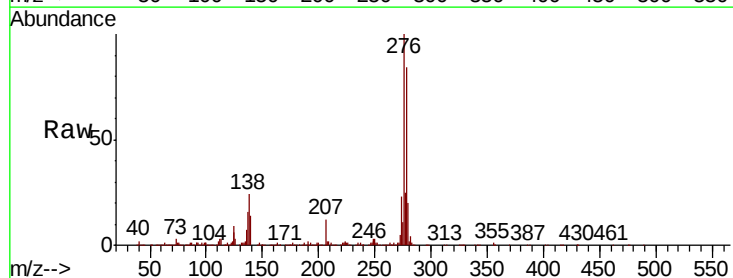
Tgt Ion:276 Resp: 2499509

Ion Ratio Lower Upper

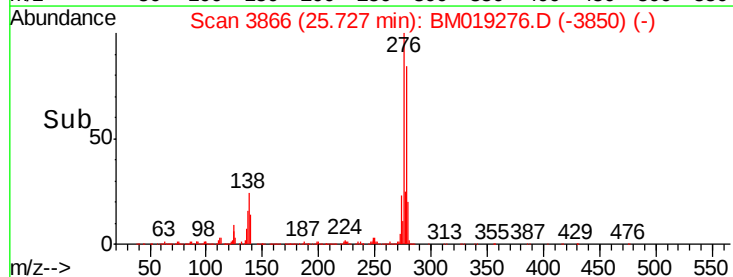
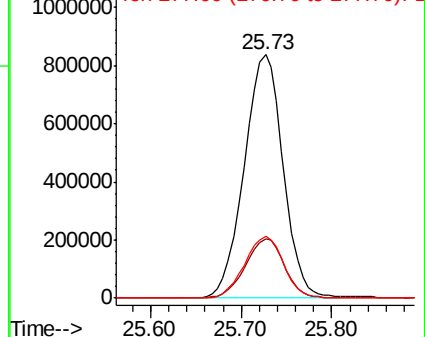
276 100

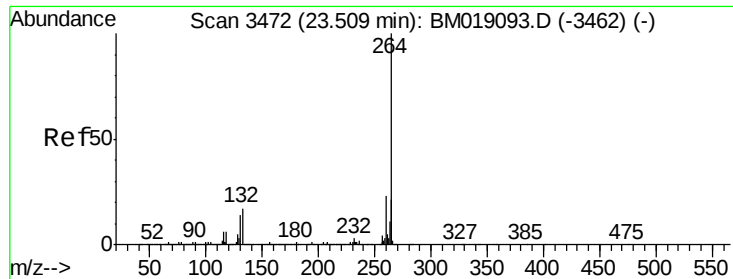
138 24.5 19.6 29.4

277 25.5 20.2 30.4



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





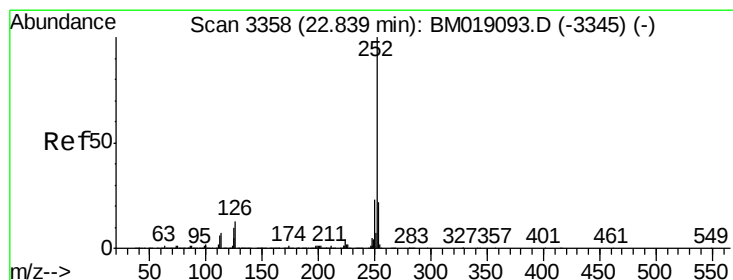
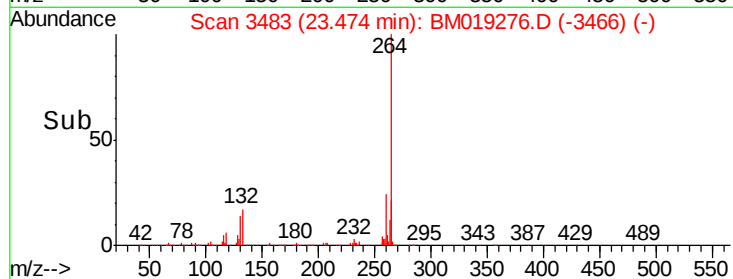
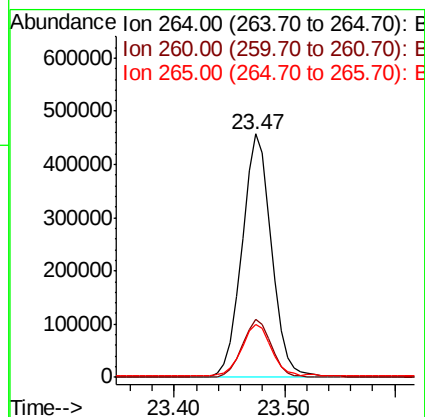
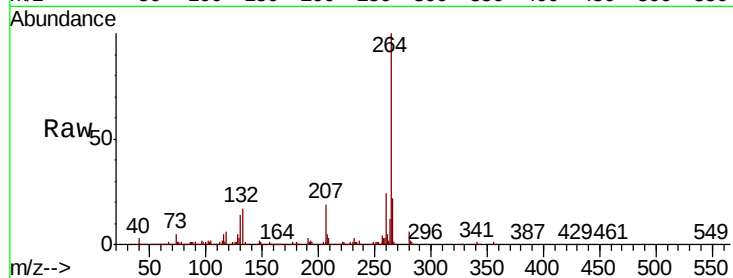
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	21.8	17.6	26.4

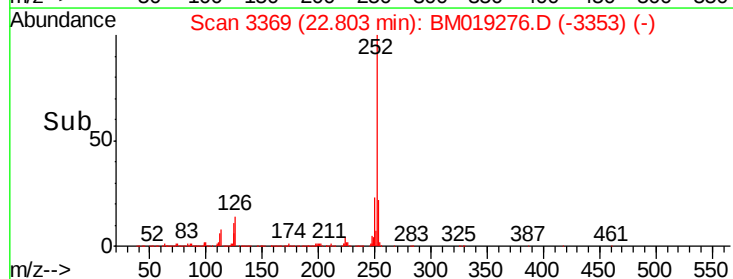
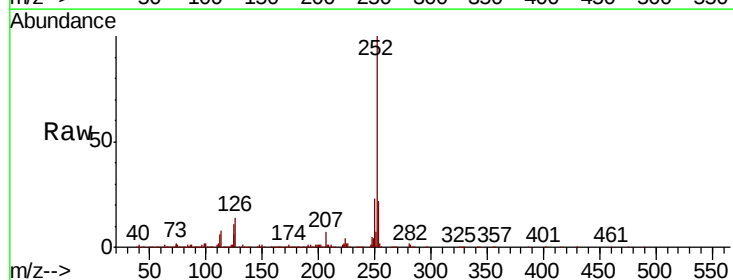
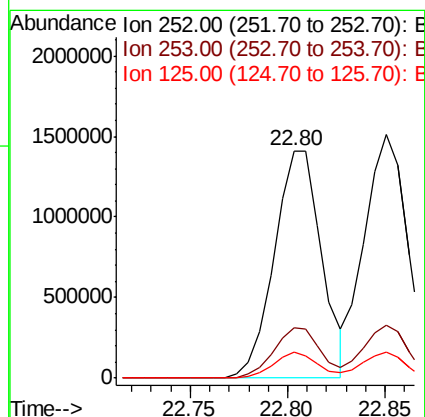
Manual Integrations
APPROVED

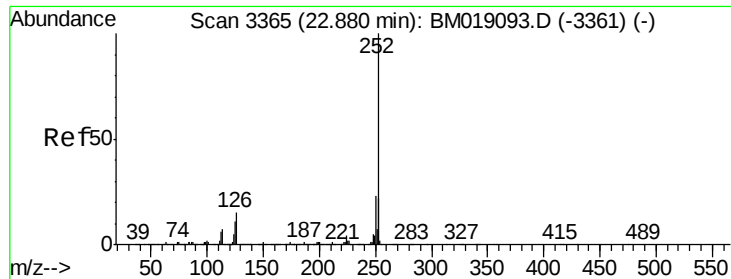
Sohil
3/22/2019 6:04:52 PM



#88
Benzo(b)fluoranthene
Concen: 42.367 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	11.4	8.2	12.4





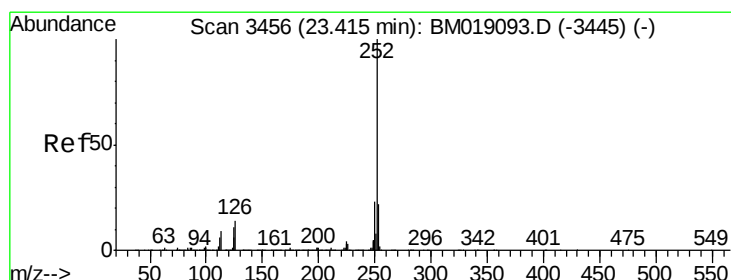
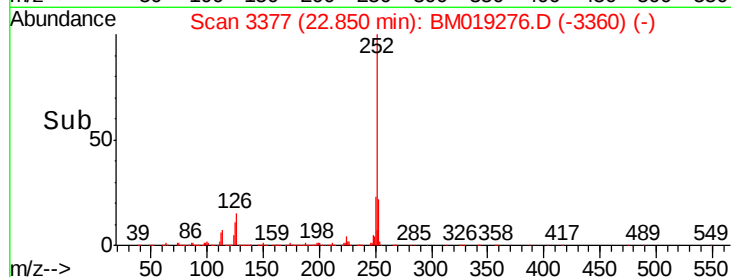
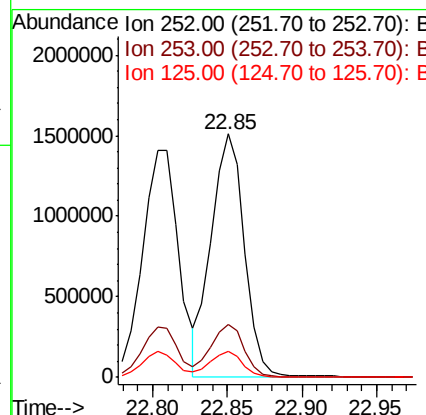
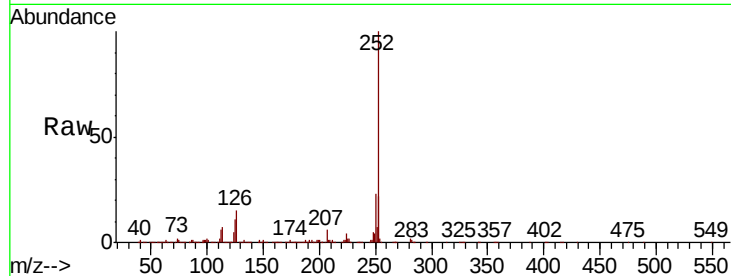
#89
Benzo(k)fluoranthene
Concen: 45.423 ng
RT: 22.85 min Scan# 3377
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampleId :
PB118092BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	10.6	8.6	12.8

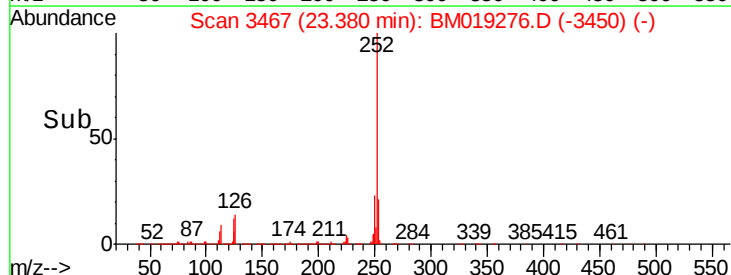
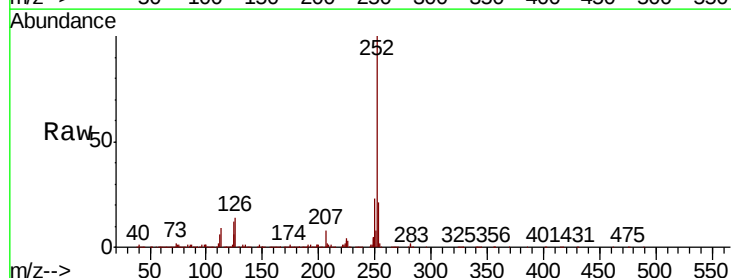
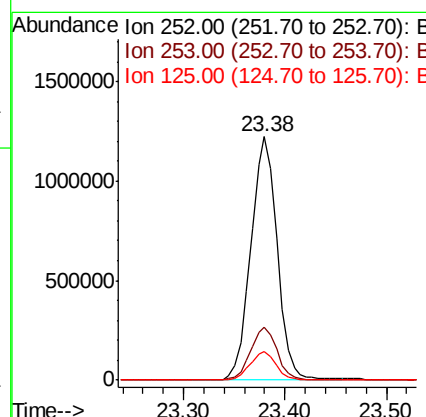
Manual Integrations
APPROVED

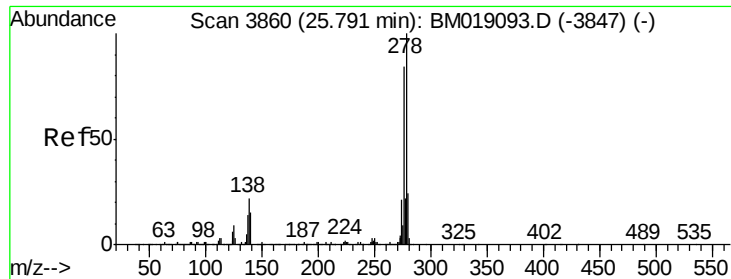
Sohil
3/22/2019 6:04:52 PM



#90
Benzo(a)pyrene
Concen: 43.789 ng
RT: 23.38 min Scan# 3467
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	11.7	9.2	13.8





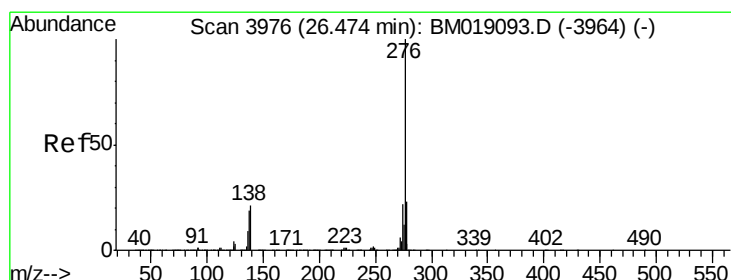
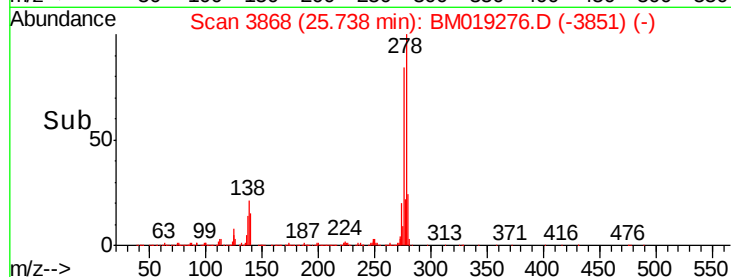
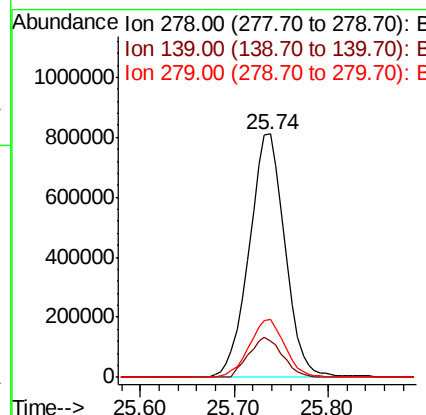
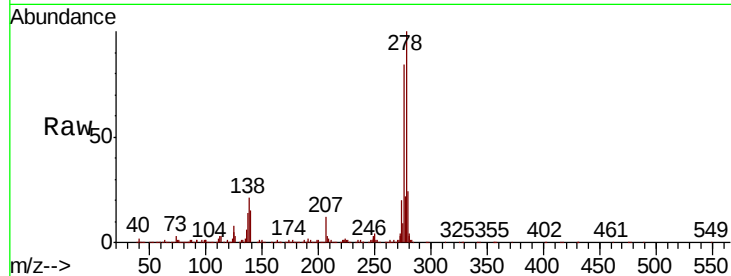
#91
Dibenzo(a,h)anthracene
Concen: 44.603 ng
RT: 25.74 min Scan# 3868
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Instrument :
BNA_M
ClientSampled :
PB118092BS

Tot Ion:278 Resp: 2141289
Ion Ratio Lower Upper
278 100
139 15.0 12.6 19.0
279 23.6 18.9 28.3

Manual Integrations
APPROVED

Sohil
3/22/2019 6:04:52 PM



#92
Benzo(g,h,i)perylene
Concen: 46.072 ng
RT: 26.42 min Scan# 3984
Delta R.T. 0.00 min
Lab File: BM019276.D
Acq: 20 Mar 2019 23:48

Tgt Ion:276 Resp: 2030650
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 20.8 16.9 25.3

