

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
 Data File : BM018998.D
 Acq On : 01 Mar 2019 21:56
 Operator : JU/SJ
 Sample : K1675-33MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMS

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:53:04 PM

Quant Time: Mar 02 02:48:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	319984	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1330988	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	717785	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1450275	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	1109955	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1140653	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1783430	91.32	ng	-0.02
7) Phenol-d6	6.86	99	2557937	92.97	ng	-0.02
23) Nitrobenzene-d5	8.85	82	1608558	55.88	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	865262	83.63	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	2997687	55.44	ng	-0.03
79) Terphenyl-d14	19.72	244	3423943	63.64	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	192364	22.615	ng	100
3) Pyridine	3.63	79	541243	23.328	ng	98
4) n-Nitrosodimethylamine	3.56	42	184469	31.253	ng	97
6) Aniline	7.03	93	748681	22.210	ng	100
8) 2-Chlorophenol	7.25	128	642628	29.971	ng	100
9) Benzaldehyde	6.84	77	515063	32.567	ng	100
10) Phenol	6.89	94	890929	30.777	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	604895	27.393	ng	99
12) 1,3-Dichlorobenzene	7.57	146	630798	26.163	ng	98
13) 1,4-Dichlorobenzene	7.72	146	649390	26.457	ng	100
14) 1,2-Dichlorobenzene	8.03	146	632049	26.808	ng	100
15) Benzyl Alcohol	7.93	79	617459	28.245	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	608198	28.457	ng	97
17) 2-Methylphenol	8.13	107	542789	29.460	ng	97
18) Hexachloroethane	8.74	117	237729	26.532	ng	95
19) n-Nitroso-di-n-propylamine	8.49	70	568637	26.694	ng	98
20) 3+4-Methylphenols	8.46	107	732243	28.781	ng	99
22) Acetophenone	8.52	105	938868	25.686	ng	# 99
24) Nitrobenzene	8.89	77	808470	27.058	ng	99
25) Isophorone	9.41	82	1412732	30.759	ng	100
26) 2-Nitrophenol	9.60	139	339159	28.503	ng	97
27) 2,4-Dimethylphenol	9.65	122	562207	32.350	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	840996	28.316	ng	100
29) 2,4-Dichlorophenol	10.12	162	582527	29.192	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	611381	26.529	ng	98
31) Naphthalene	10.52	128	1876495	28.908	ng	99
32) Benzoic acid	9.75	122	47895	3.159	ng	94
33) 4-Chloroaniline	10.65	127	353894	12.196	ng	97
34) Hexachlorobutadiene	10.78	225	330840	24.733	ng	99
35) Caprolactam	11.46	113	174316m	21.404	ng	
36) 4-Chloro-3-methylphenol	11.77	107	645361	26.823	ng	98
37) 2-Methylnaphthalene	12.14	142	1362673	29.816	ng	99
38) 1-Methylnaphthalene	12.36	142	1291142	28.890	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	642274	27.972	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
 Data File : BM018998.D
 Acq On : 01 Mar 2019 21:56
 Operator : JU/SJ
 Sample : K1675-33MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMS

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:53:04 PM

Quant Time: Mar 02 02:48:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	661994	56.391	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	450881	29.663	ng	100
44) 2,4,5-Trichlorophenol	12.83	196	470975	29.562	ng	99
46) 1,1'-Biphenyl	13.16	154	1712752	27.721	ng	99
47) 2-Chloronaphthalene	13.20	162	1328043	27.829	ng	99
48) 2-Nitroaniline	13.43	65	435715	27.491	ng	99
49) Acenaphthylene	14.06	152	2110269	29.697	ng	100
50) Dimethylphthalate	13.80	163	1828341	30.564	ng	100
51) 2,6-Dinitrotoluene	13.93	165	361487	27.896	ng	93
52) Acenaphthene	14.40	154	1219109	27.979	ng	100
53) 3-Nitroaniline	14.26	138	251562	17.181	ng	98
54) 2,4-Dinitrophenol	14.47	184	241517	33.019	ng	99
55) Dibenzofuran	14.73	168	1952126	27.258	ng	99
56) 4-Nitrophenol	14.57	139	573490	49.066	ng	99
57) 2,4-Dinitrotoluene	14.72	165	482811	27.042	ng	98
58) Fluorene	15.39	166	1561854	28.507	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	407586	28.943	ng	99
60) Diethylphthalate	15.17	149	1628234	26.387	ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	770515	25.083	ng	97
62) 4-Nitroaniline	15.43	138	322024	22.434	ng	99
63) Azobenzene	15.68	77	1747677	26.415	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	228028	22.394	ng	99
66) n-Nitrosodiphenylamine	15.60	169	1346501	29.387	ng	99
67) 4-Bromophenyl-phenylether	16.28	248	450865	27.774	ng	99
68) Hexachlorobenzene	16.39	284	520467	27.583	ng	95
69) Atrazine	16.56	200	437708	29.631	ng	99
70) Pentachlorophenol	16.73	266	603920	49.709	ng	98
71) Phenanthrene	17.13	178	2256383	28.950	ng	99
72) Anthracene	17.22	178	2292236	30.216	ng	100
73) Carbazole	17.50	167	1995592	25.179	ng	99
74) Di-n-butylphthalate	18.05	149	2576845	28.270	ng	100
75) Fluoranthene	19.15	202	2261493	25.119	ng	98
77) Benzidine	19.36	184	958884	38.359	ng	99
78) Pyrene	19.52	202	2254275	34.969	ng	100
80) Butylbenzylphthalate	20.42	149	987376	33.608	ng	99
81) Benzo(a)anthracene	21.27	228	1839581	28.432	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	615933	24.087	ng	99
83) Chrysene	21.32	228	1780208	28.706	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1384379	32.195	ng	98
85) Di-n-octyl phthalate	22.07	149	2151137	29.765	ng	99
86) Indeno(1,2,3-cd)pyrene	25.80	276	2280093	31.845	ng	100
88) Benzo(b)fluoranthene	22.85	252	1894242	29.026	ng	99
89) Benzo(k)fluoranthene	22.90	252	1807761	27.824	ng	100
90) Benzo(a)pyrene	23.43	252	1822895	29.486	ng	99
91) Dibenzo(a,h)anthracene	25.81	278	1957274	31.955	ng	99
92) Benzo(g,h,i)perylene	26.50	276	1891213	33.166	ng	99

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

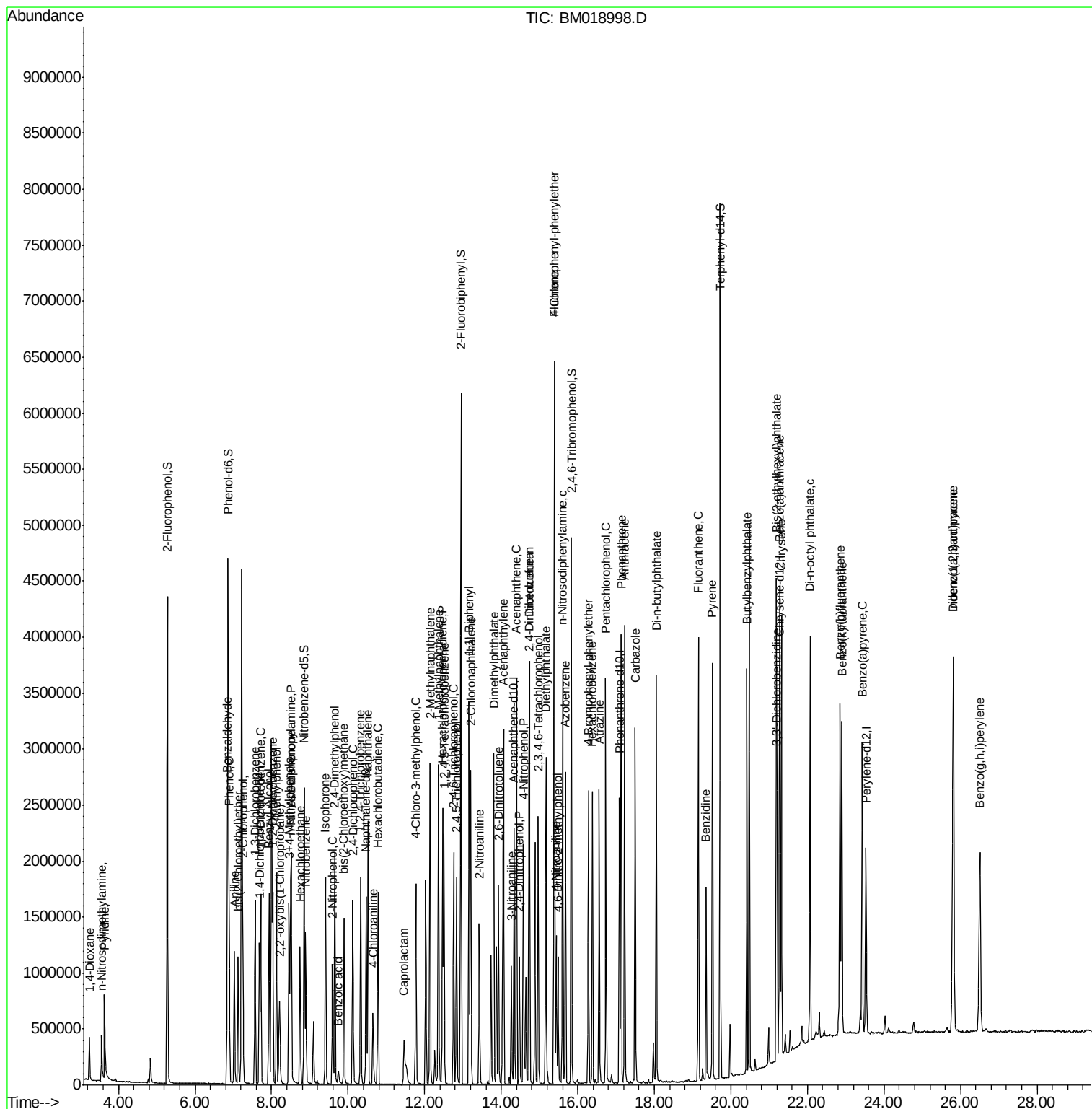
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018998.D
Acq On : 01 Mar 2019 21:56
Operator : JU/SJ
Sample : K1675-33MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

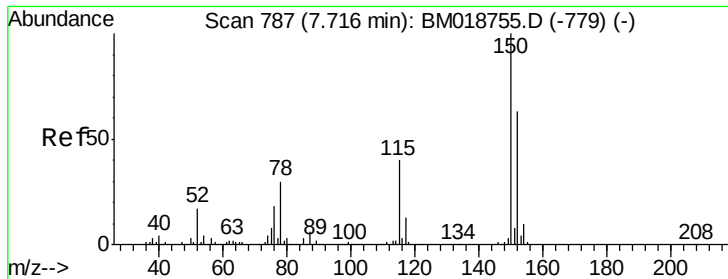
Instrument :
BNA_M
Client Sampled :
Z-3-13-BMS

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM

Quant Time: Mar 02 02:48:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration





#1

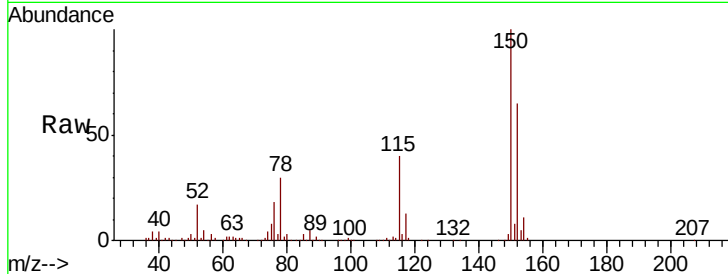
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.3	190.9
115	62.1	50.8	76.2

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM

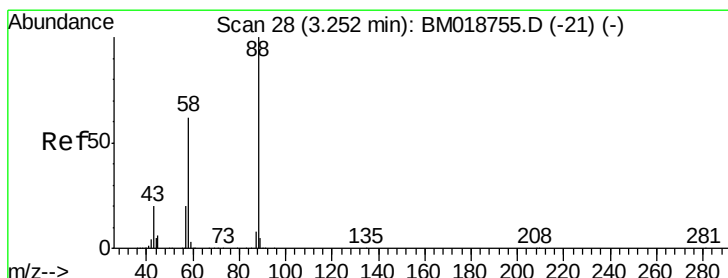
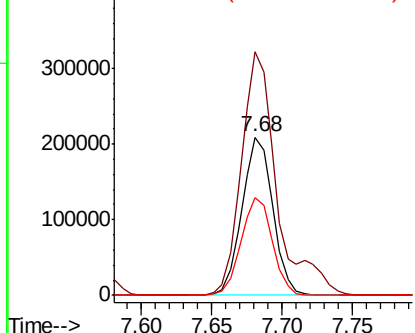
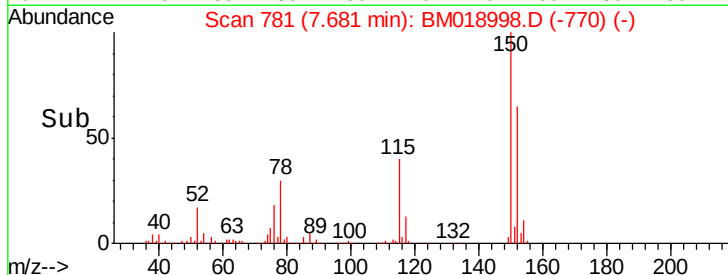


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

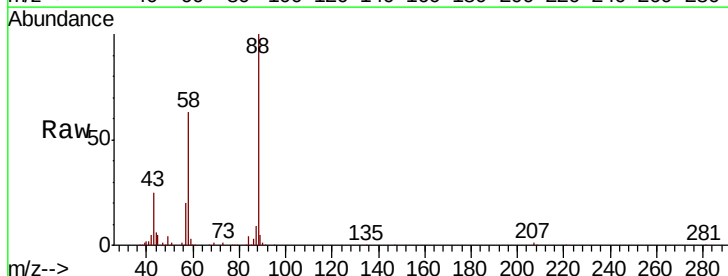
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.615 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.1	49.8	74.6
43	21.2	16.7	25.1

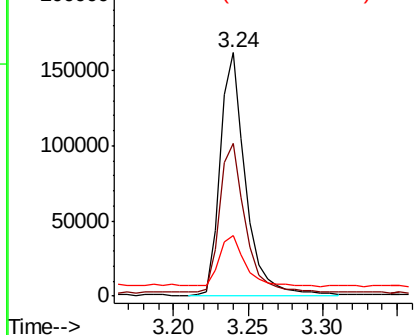
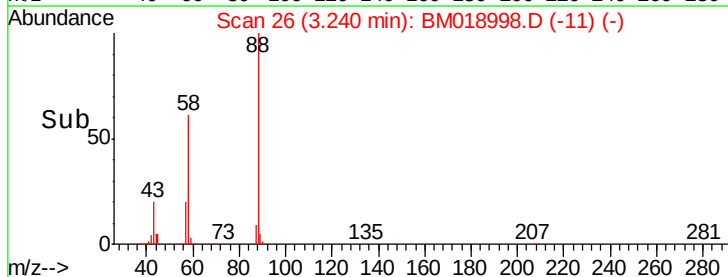


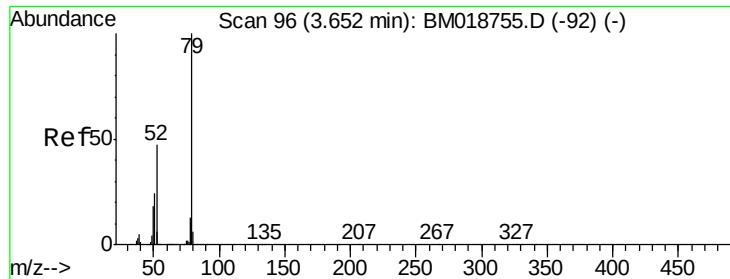
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 23.328 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

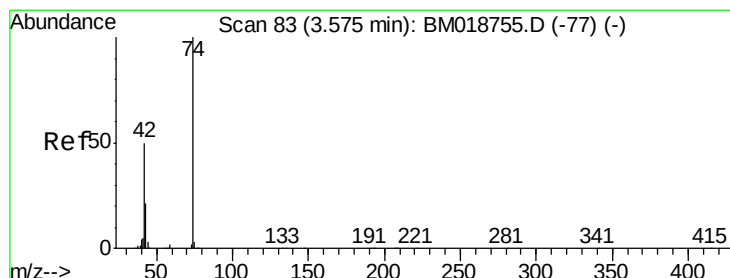
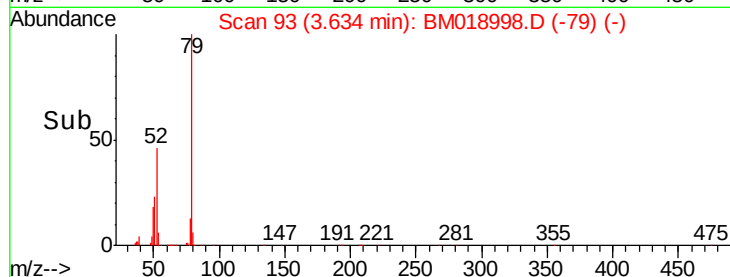
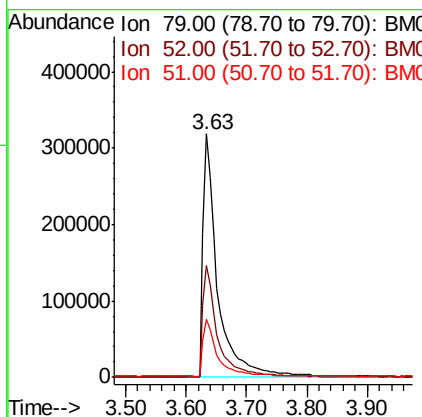
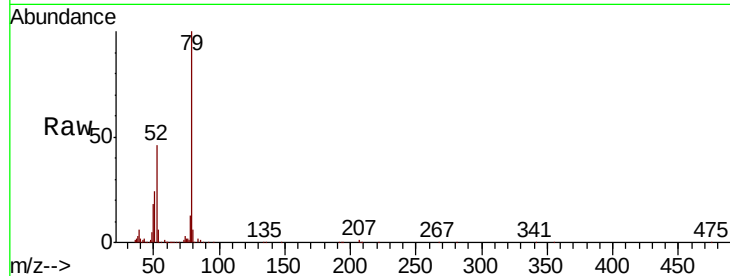
ClientSampleId :

Z-3-13-BMS

Tot Ion:	79	Resp:	541243
Ion	Ratio	Lower	Upper
79	100		
52	46.0	37.6	56.4
51	23.6	19.7	29.5

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM



#4

n-Nitrosodimethylamine

Concen: 31.253 ng

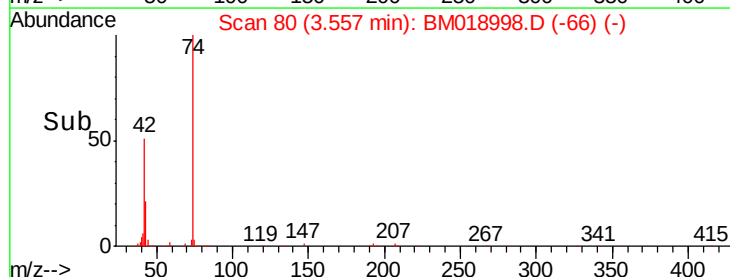
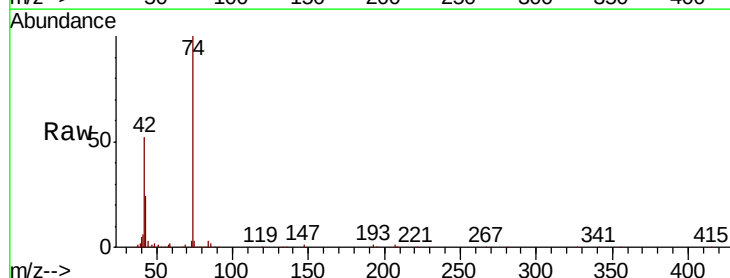
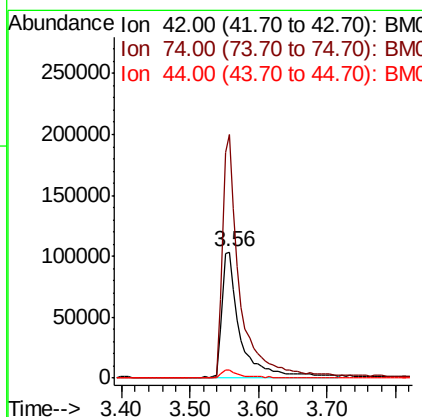
RT: 3.56 min Scan# 80

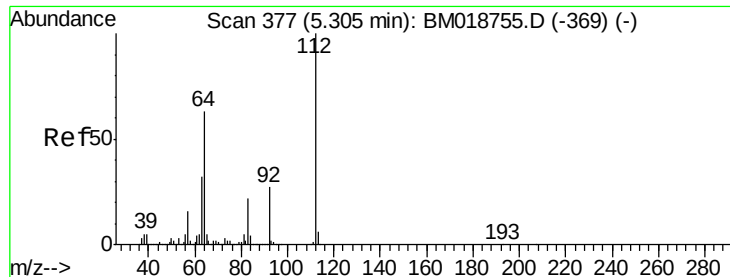
Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Tgt Ion:	42	Resp:	184469
Ion	Ratio	Lower	Upper
42	100		
74	193.0	158.1	237.1
44	6.3	4.9	7.3





#5

2-Fluorophenol

Concen: 91.320 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

ClientSampleId :

Z-3-13-BMS

Tot Ion:112 Resp: 1783430

Ion Ratio Lower Upper

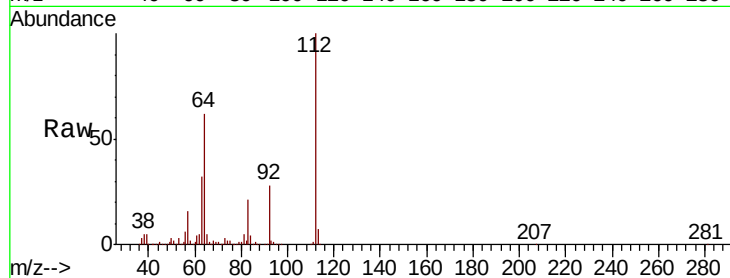
112 100

64 62.3 50.6 75.8

63 32.0 25.7 38.5

Manual Integrations
APPROVED

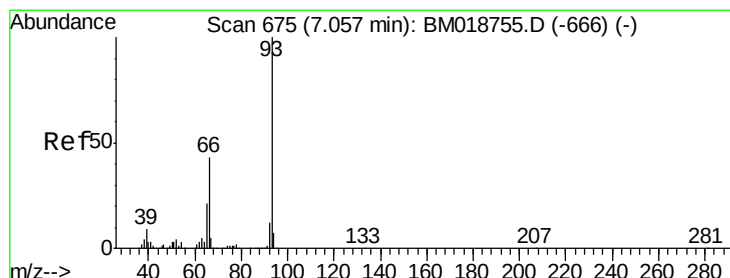
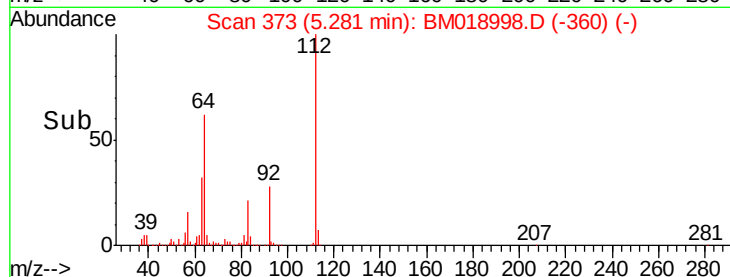
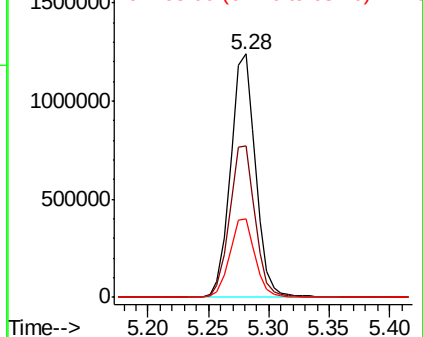
Sohil
3/4/2019 4:53:04 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 22.210 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

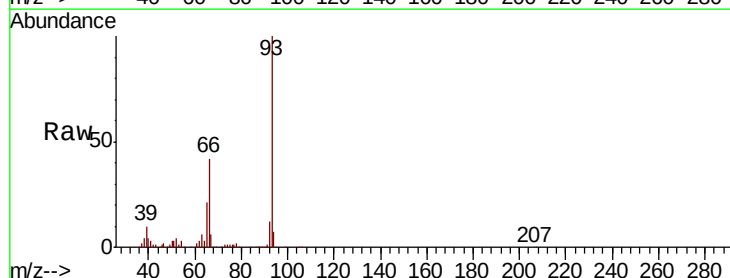
Tgt Ion: 93 Resp: 748681

Ion Ratio Lower Upper

93 100

66 42.4 34.1 51.1

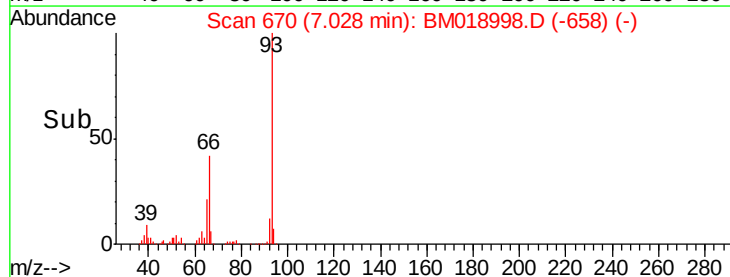
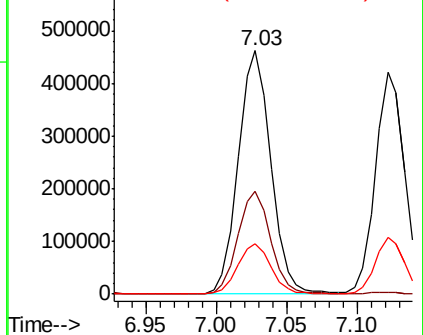
65 20.7 16.6 24.8

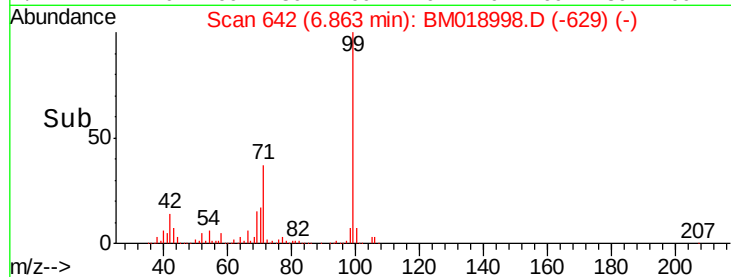
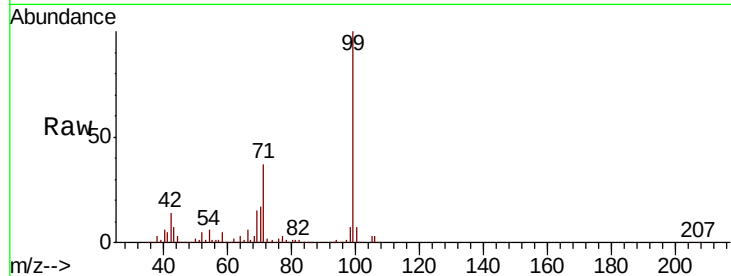
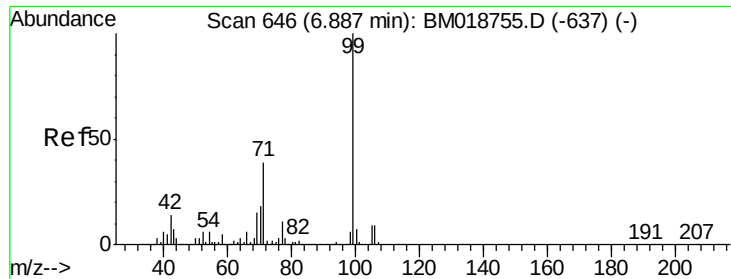


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 92.975 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Tot Ion:	99	Resp:	2557937
Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	37.2	31.3	46.9

Instrument :

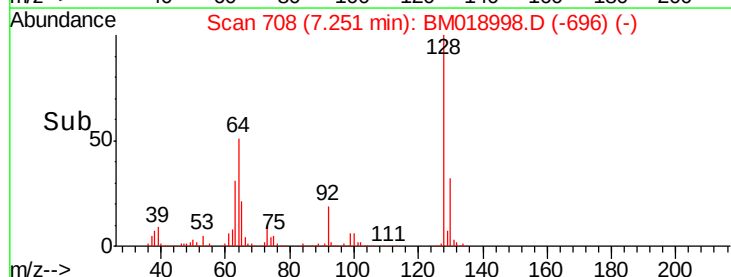
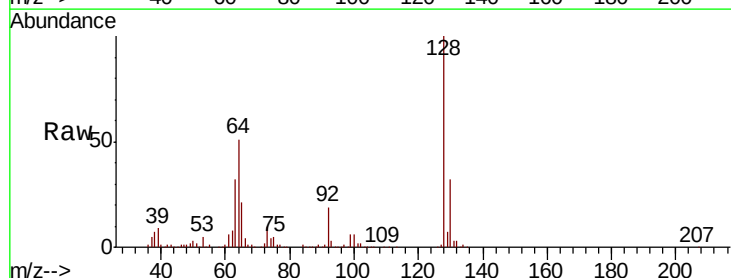
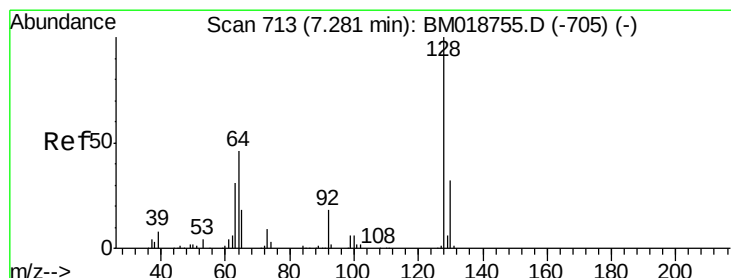
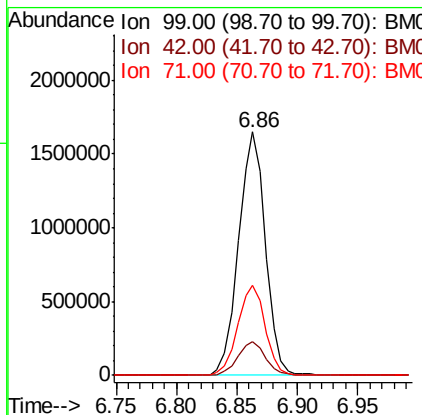
BNA_M

ClientSampleId :

Z-3-13-BMS

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM



#8

2-Chlorophenol

Concen: 29.971 ng

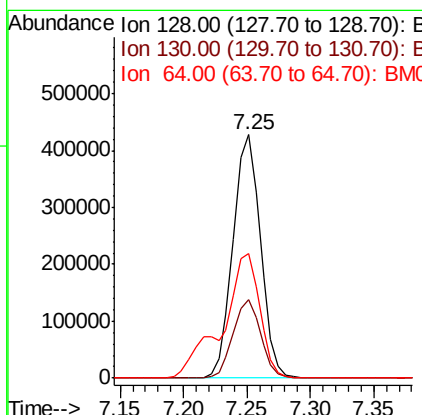
RT: 7.25 min Scan# 708

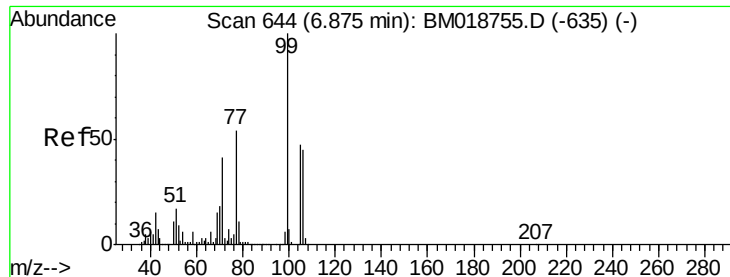
Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Tgt Ion:	128	Resp:	642628
Ion	Ratio	Lower	Upper
128	100		
130	32.1	11.7	51.7
64	51.2	31.0	71.0





#9

Benzaldehyde

Concen: 32.567 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

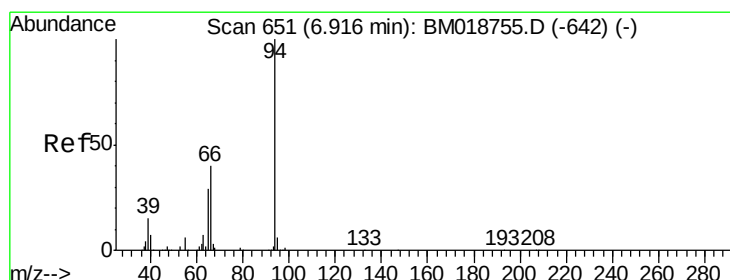
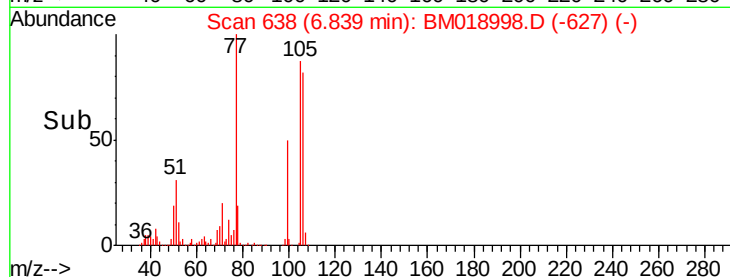
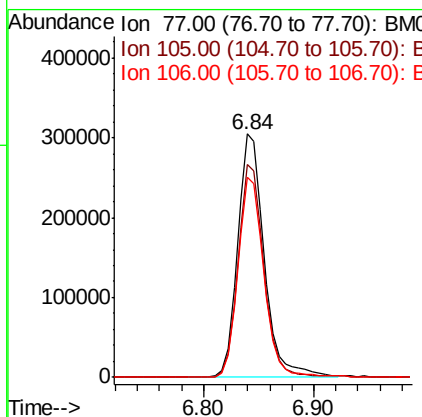
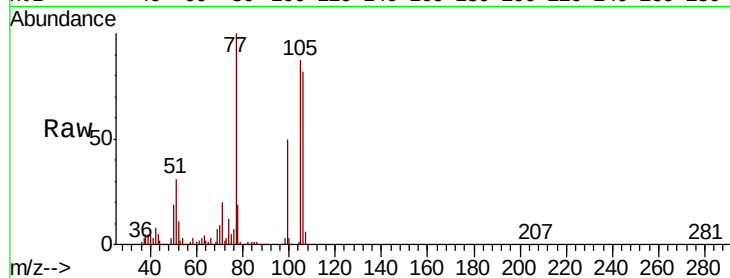
ClientSampleId :

Z-3-13-BMS

Tot Ion:	77	Resp:	515063
Ion	Ratio	Lower	Upper
77	100		
105	87.4	67.3	107.3
106	82.2	62.9	102.9

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM



#10

Phenol

Concen: 30.777 ng

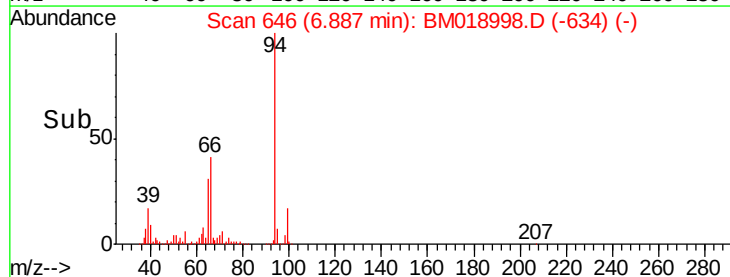
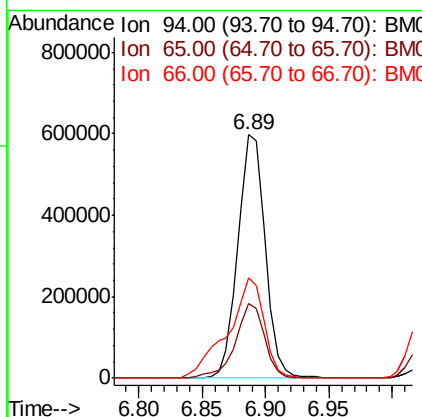
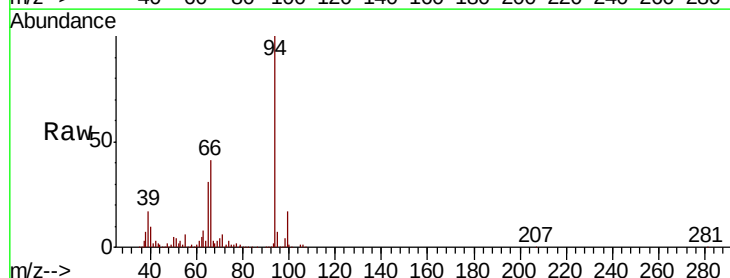
RT: 6.89 min Scan# 646

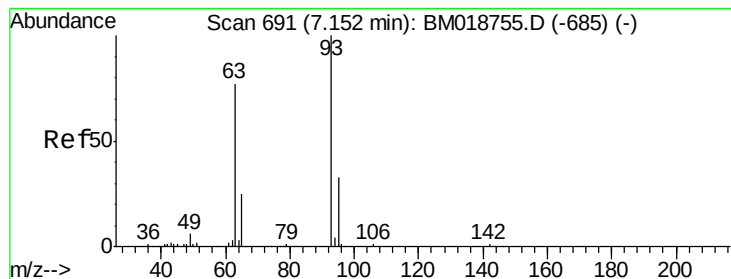
Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Tgt Ion:	94	Resp:	890929
Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.6	49.6
66	41.1	20.4	60.4





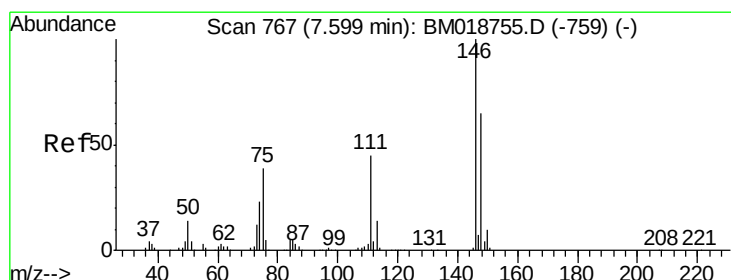
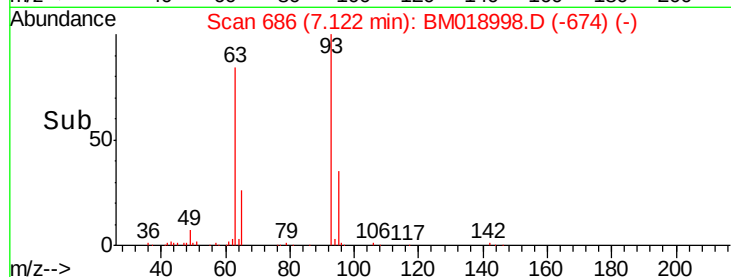
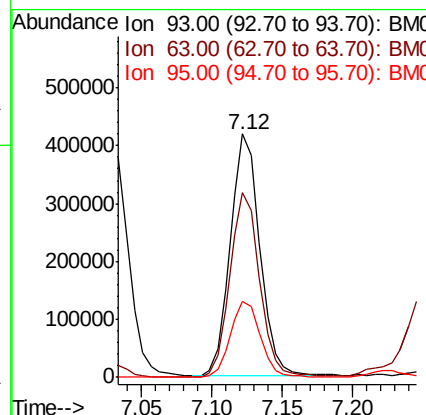
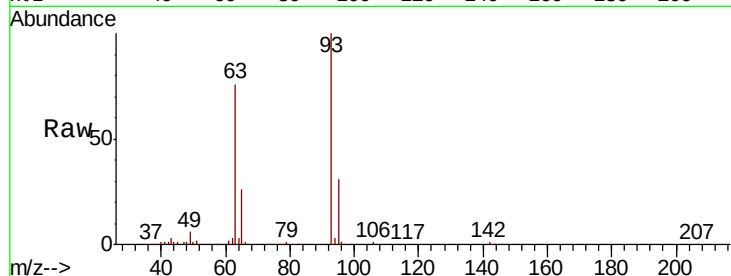
#11
bis(2-Chloroethyl)ether
Concen: 27.393 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	604895		
63	76.1		57.0	97.0
95	31.2		12.4	52.4

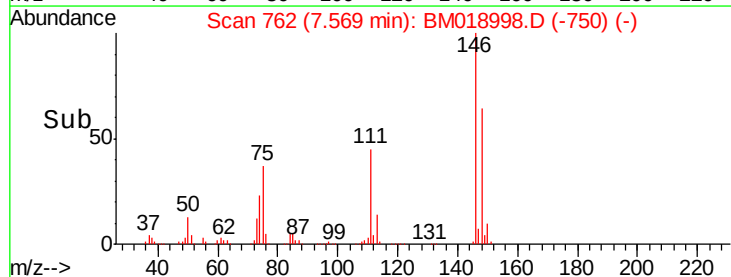
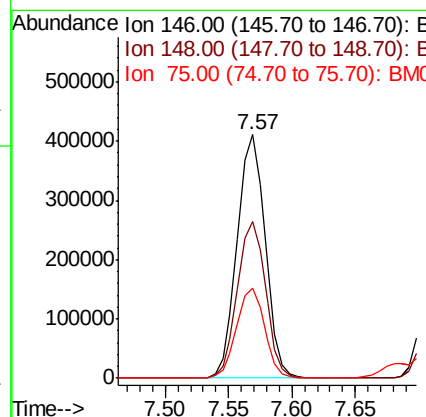
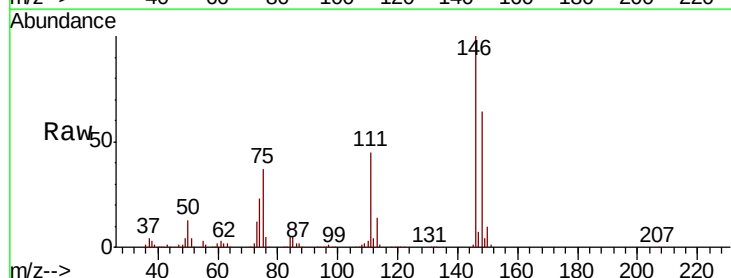
Manual Integrations
APPROVED

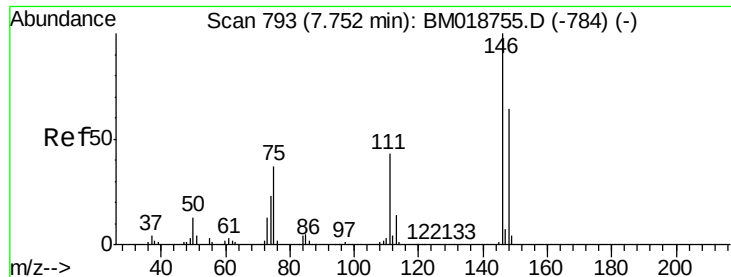
Sohil
3/4/2019 4:53:04 PM



#12
1,3-Dichlorobenzene
Concen: 26.163 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	630798		
148	64.2		51.7	77.5
75	37.1		31.3	46.9





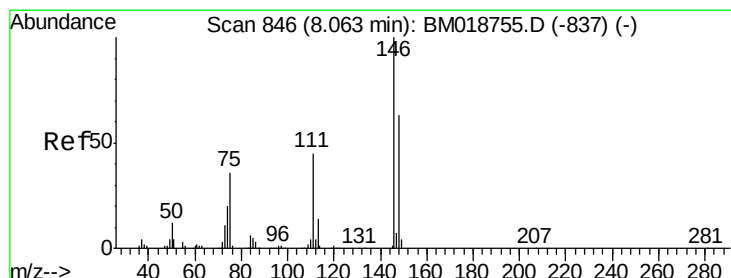
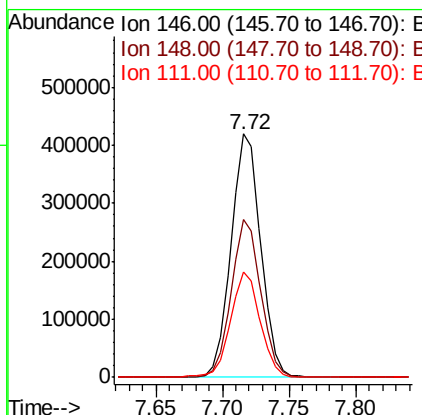
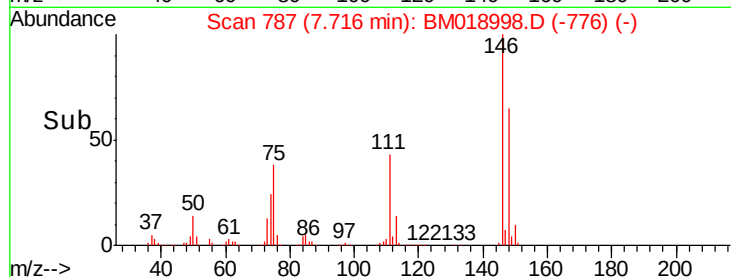
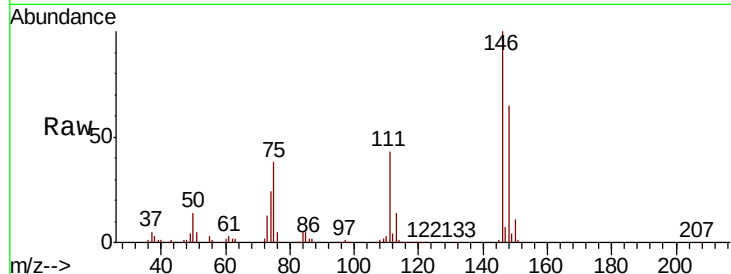
#13
 1,4-Dichlorobenzene
 Concen: 26.457 ng
 RT: 7.72 min Scan# 787
 Delta R.T. -0.04 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Instrument :
 BNA_M
 ClientSampled :
 Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	43.4	34.6	52.0

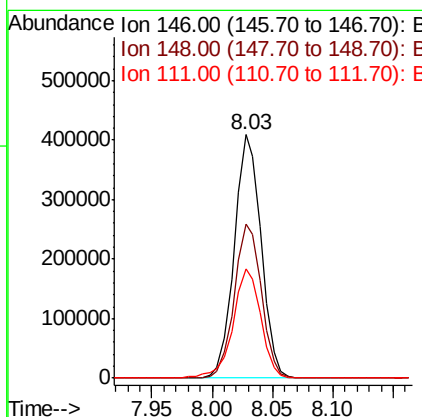
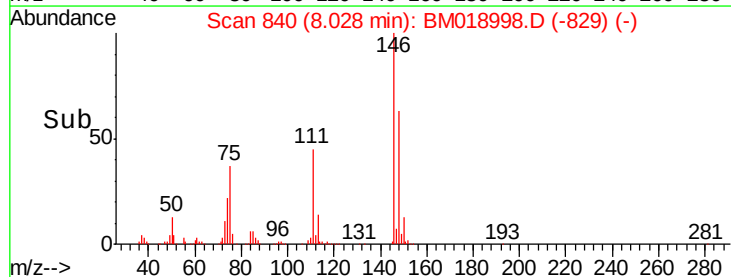
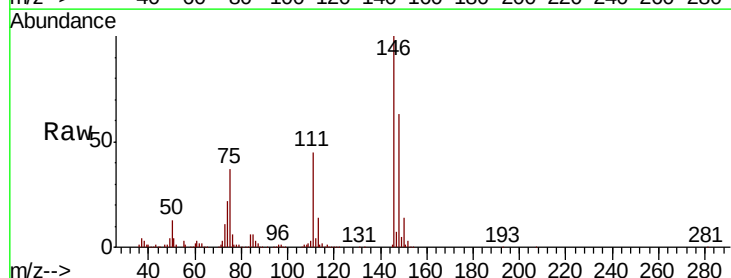
Manual Integrations
 APPROVED

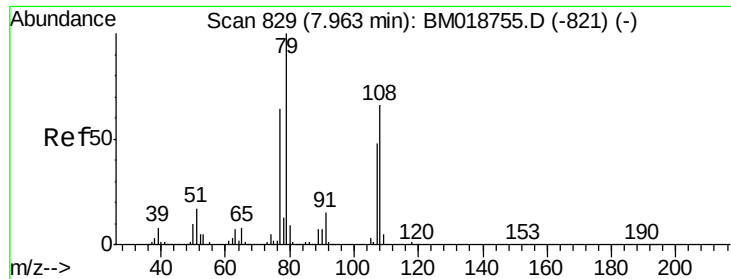
Sohil
 3/4/2019 4:53:04 PM



#14
 1,2-Dichlorobenzene
 Concen: 26.808 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.04 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.7	76.1
111	44.9	35.9	53.9





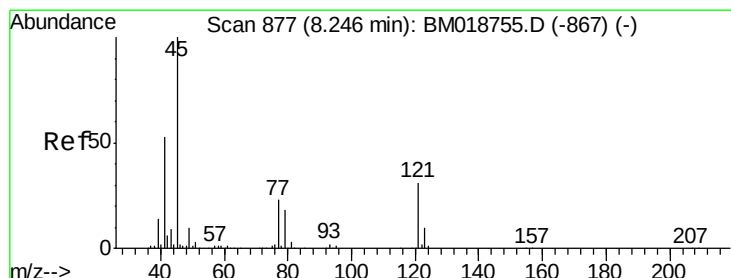
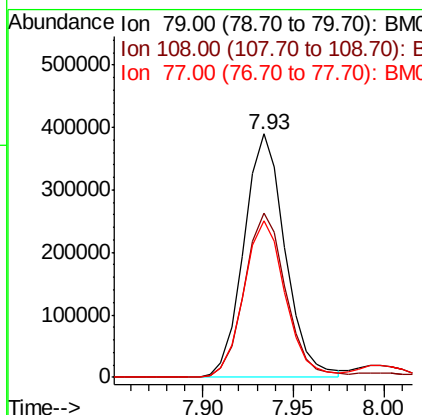
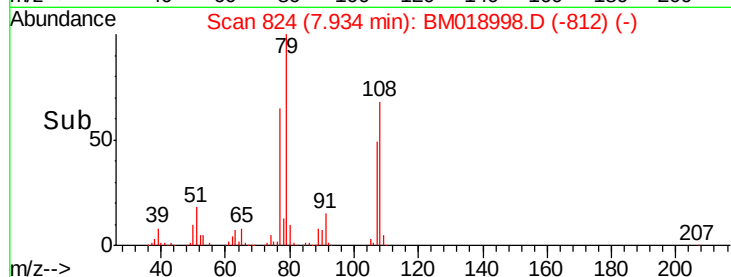
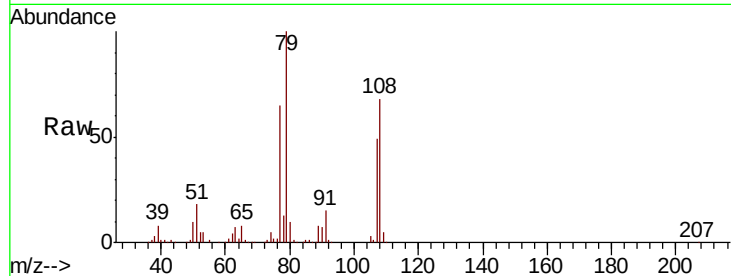
#15
Benzyl Alcohol
Concen: 28.245 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampled :
Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.6	52.7	79.1
77	64.5	51.0	76.4

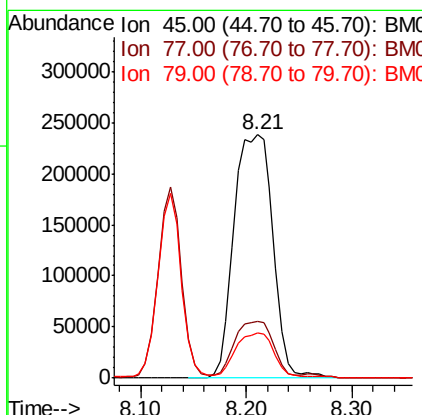
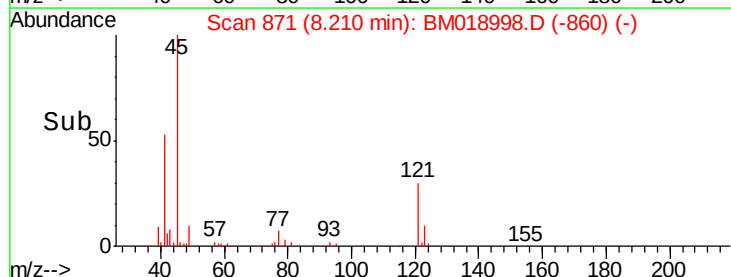
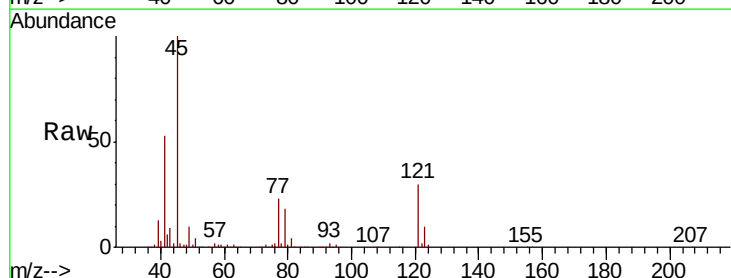
Manual Integrations
APPROVED

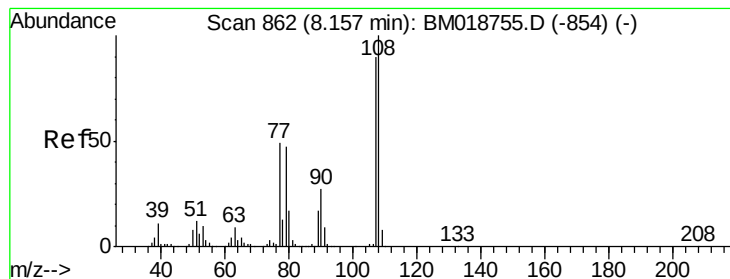
Sohil
3/4/2019 4:53:04 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.457 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.2	5.0	45.0
79	18.4	0.0	39.3





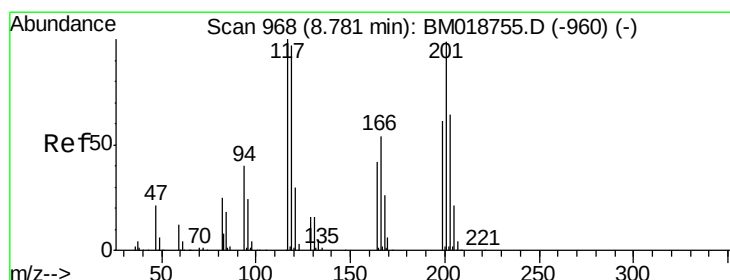
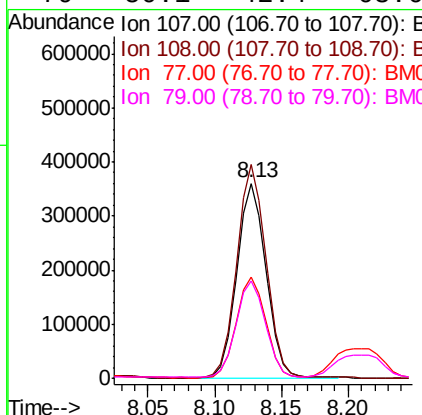
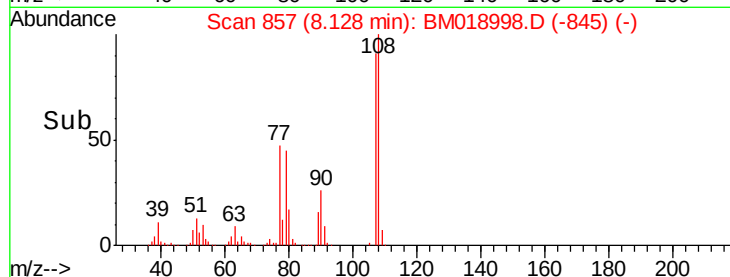
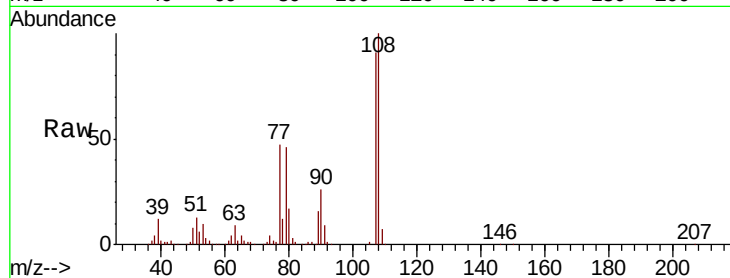
#17
2-Methylphenol
Concen: 29.460 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.8	88.8	133.2
77	51.9	44.0	66.0
79	50.1	42.4	63.6

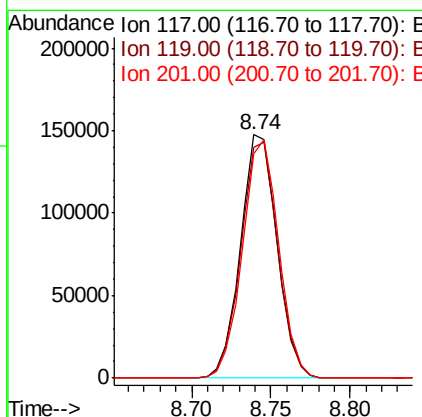
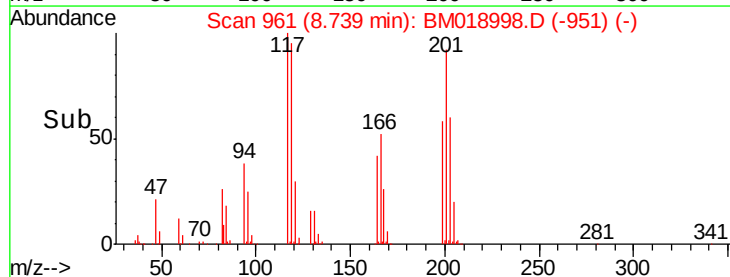
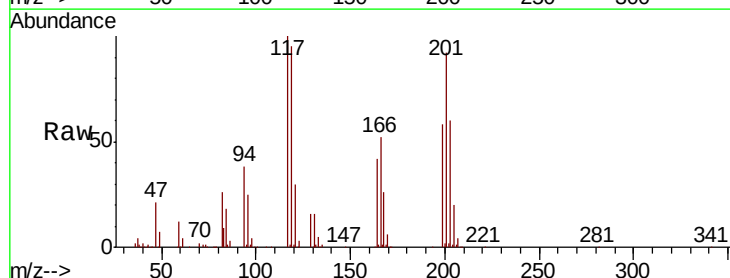
Manual Integrations
APPROVED

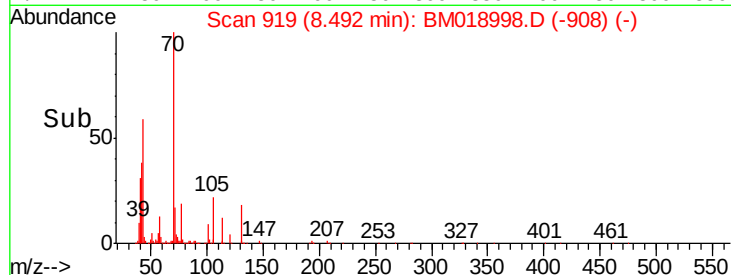
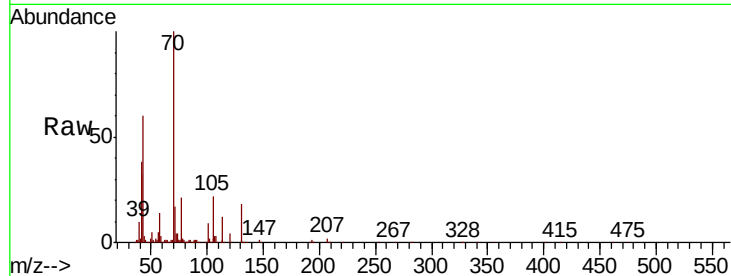
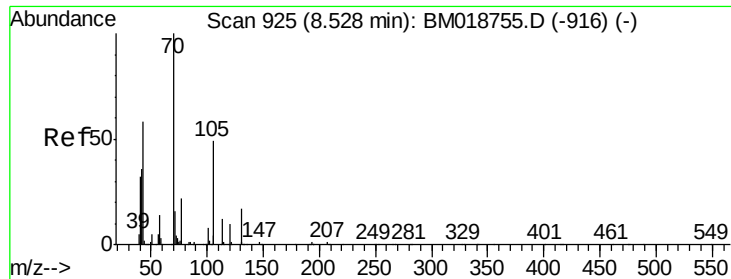
Sohil
3/4/2019 4:53:04 PM



#18
Hexachloroethane
Concen: 26.532 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.9	116.9
201	92.0	79.2	118.8





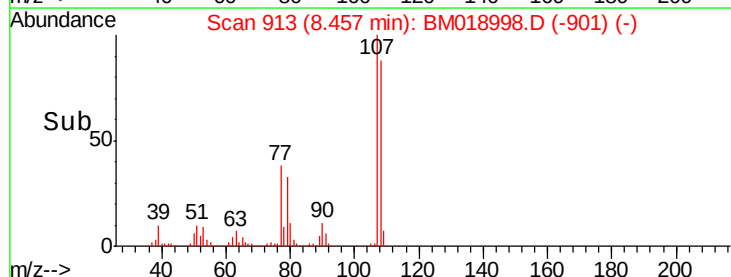
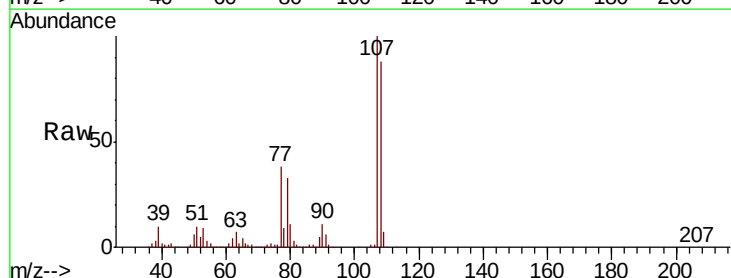
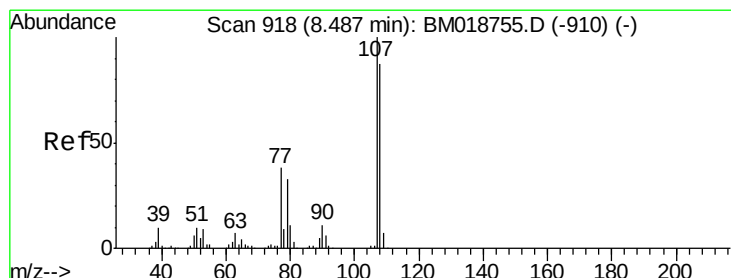
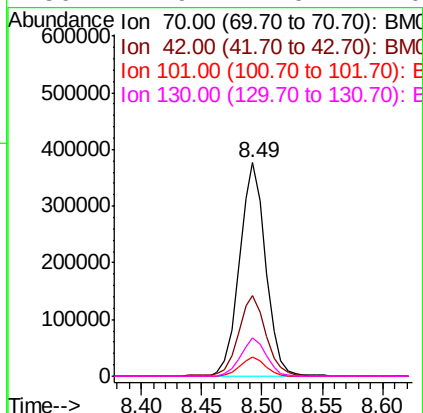
#19
n-Nitroso-di-n-propylamine
Concen: 26.694 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Manual Integrations
APPROVED

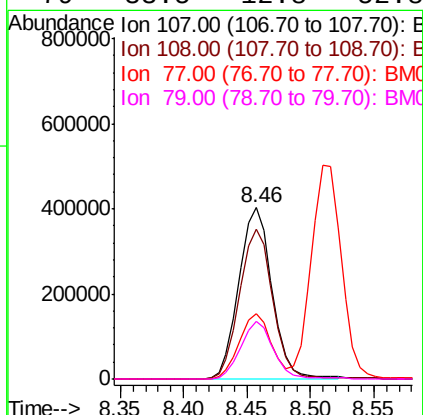
Sohil
3/4/2019 4:53:04 PM

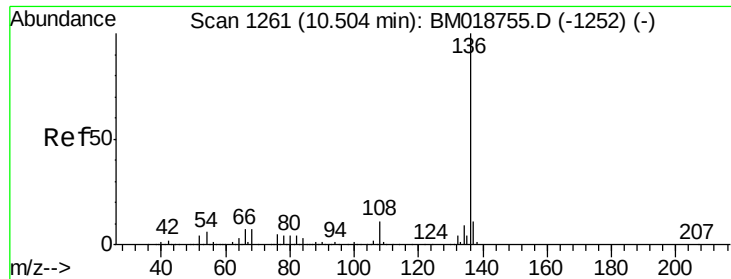
Tot Ion	Ratio	Lower	Upper
70	100		
42	37.9	29.4	44.0
101	8.8	6.7	10.1
130	17.9	14.0	21.0



#20
3+4-Methylphenols
Concen: 28.781 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.3	107.3
77	38.4	18.0	58.0
79	33.5	12.8	52.8





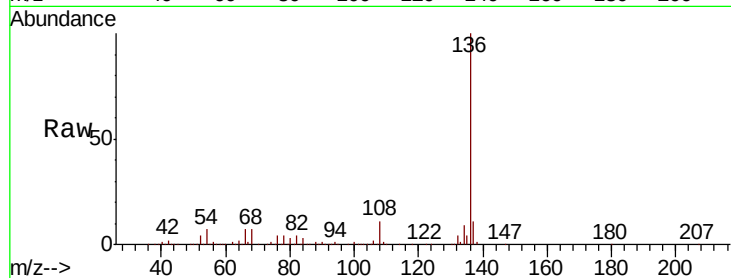
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0	8.8	13.2		
54	6.6	5.0	7.6		
68	7.3	5.5	8.3		

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM



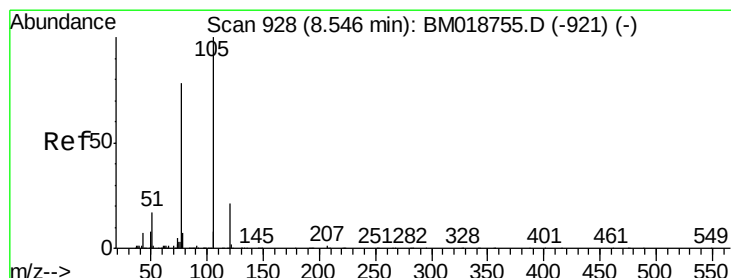
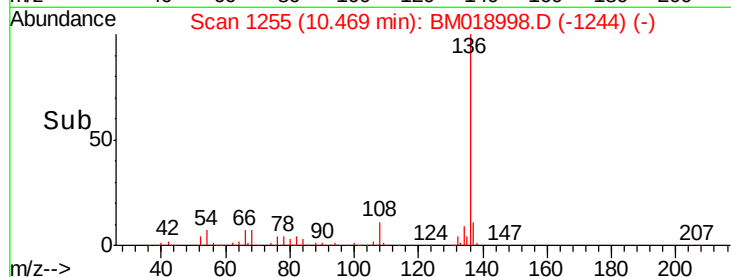
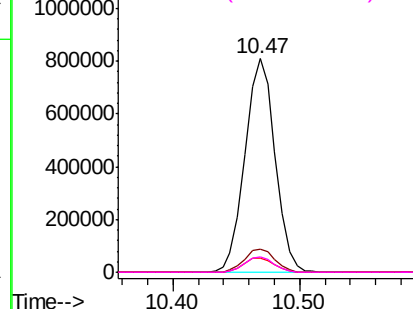
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 25.686 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	0.7	1.1	1.7#		
51	19.8	15.5	23.3		
120	21.1	17.0	25.4		

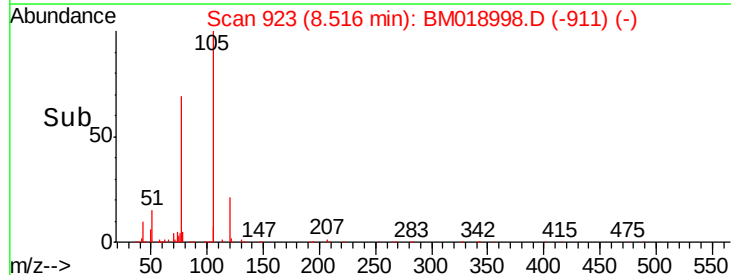
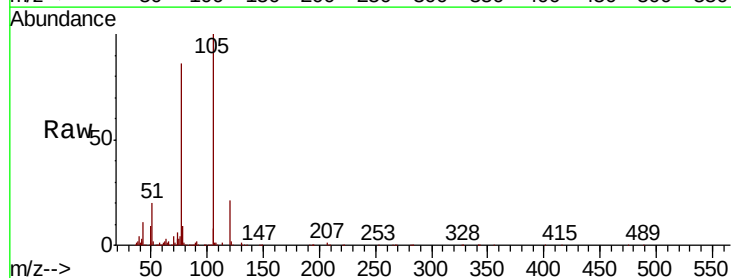
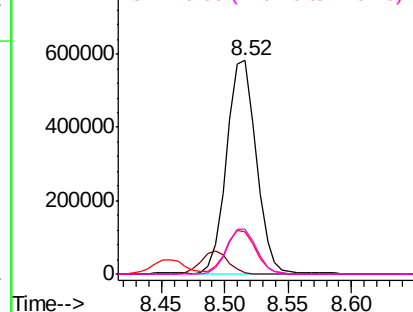
Abundance

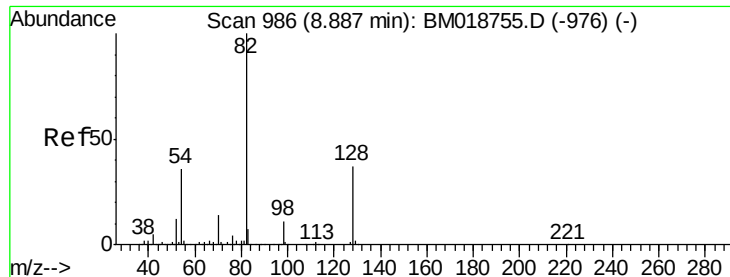
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





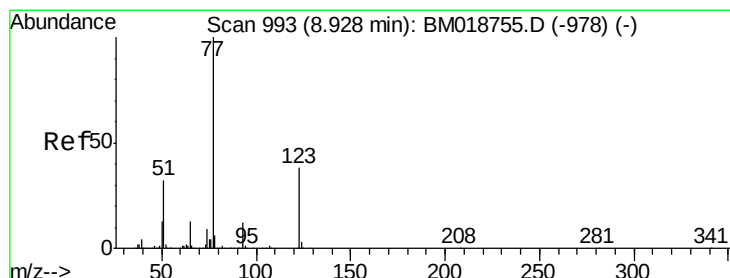
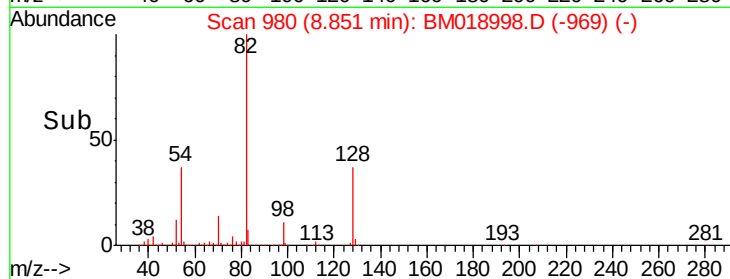
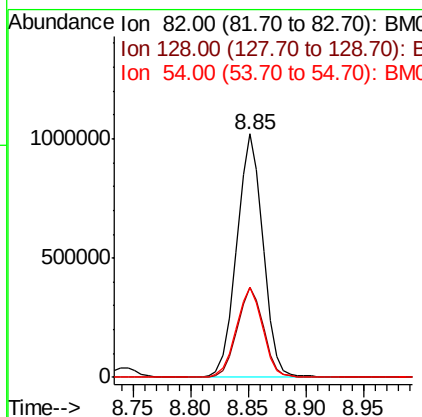
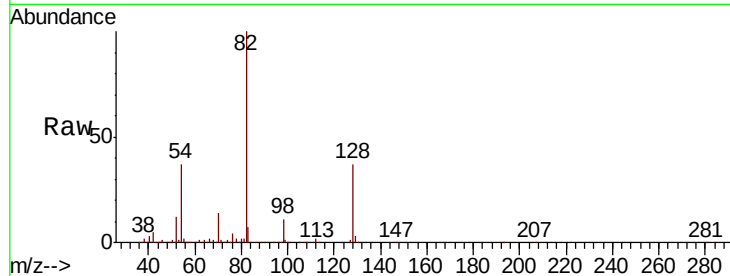
#23
Nitrobenzene-d5
Concen: 55.881 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampled :
Z-3-13-BMS

Tot Ion	82	Resp	1608558
Ion Ratio	100	Lower	Upper
82	100		
128	36.8	29.9	44.9
54	37.1	29.1	43.7

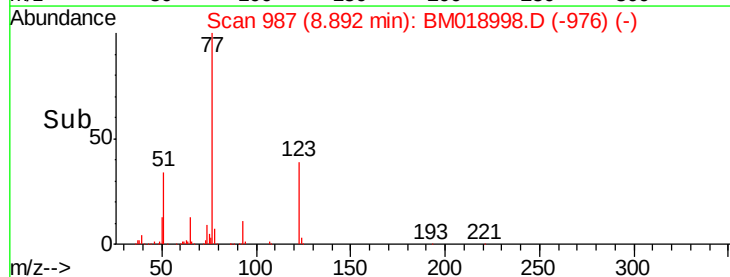
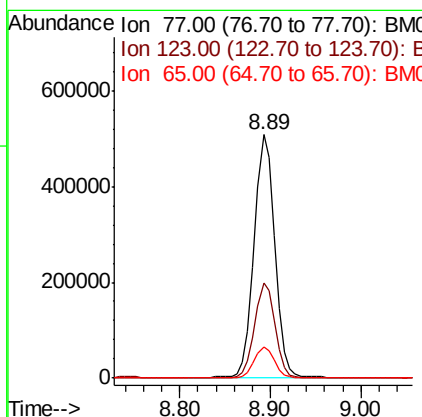
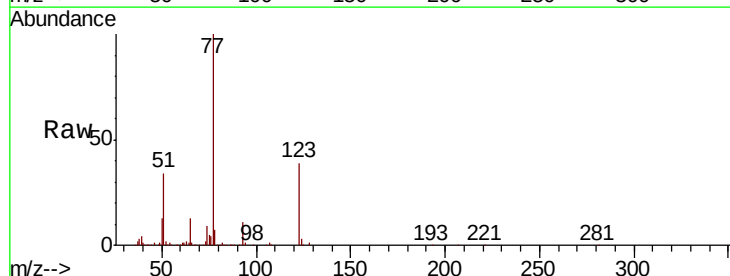
Manual Integrations
APPROVED

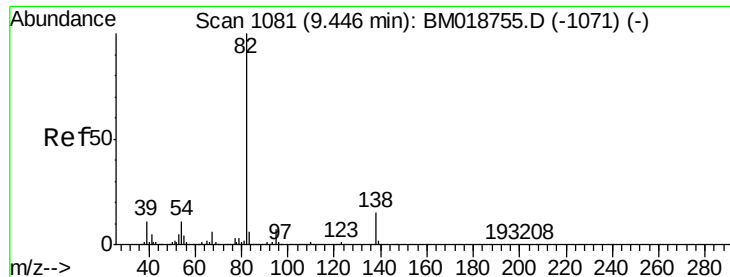
Sohil
3/4/2019 4:53:04 PM



#24
Nitrobenzene
Concen: 27.058 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	77	Resp	808470
Ion Ratio	100	Lower	Upper
77	100		
123	39.1	30.7	46.1
65	13.0	10.5	15.7





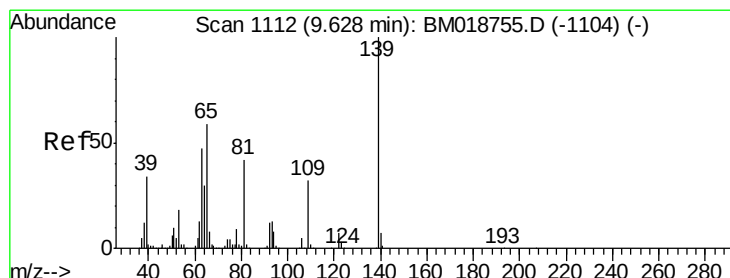
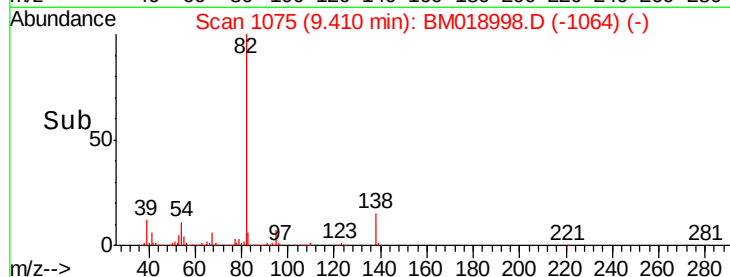
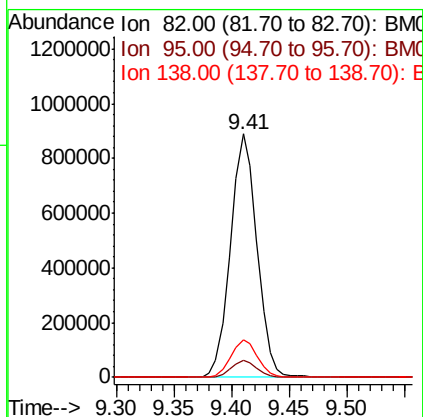
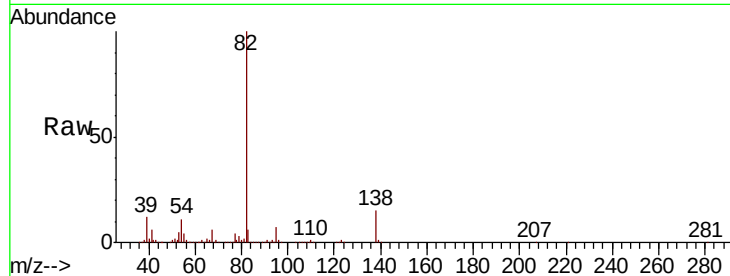
#25
Isophorone
Concen: 30.759 ng
RT: 9.41 min Scan# 1075
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	15.4	12.3	18.5

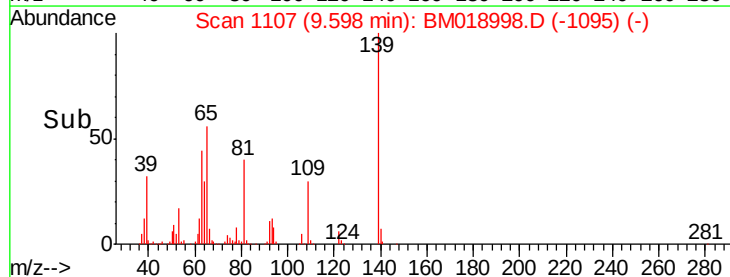
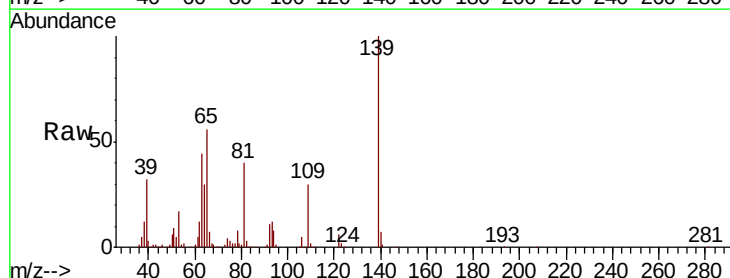
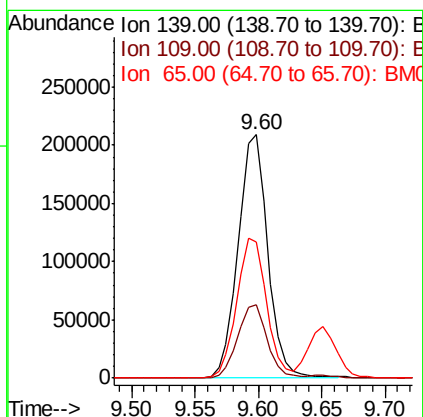
Manual Integrations
APPROVED

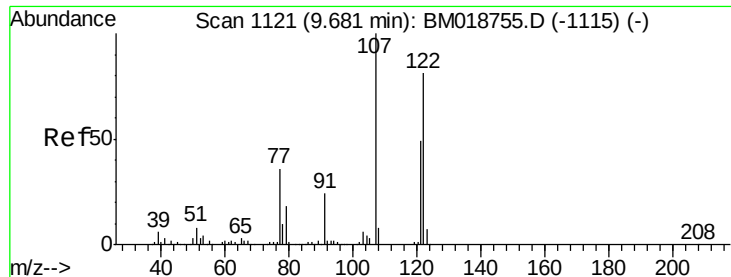
Sohil
3/4/2019 4:53:04 PM



#26
2-Nitrophenol
Concen: 28.503 ng
RT: 9.60 min Scan# 1107
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.0	25.2	37.8
65	55.9	47.0	70.4





#27

2,4-Dimethylphenol

Concen: 32.350 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

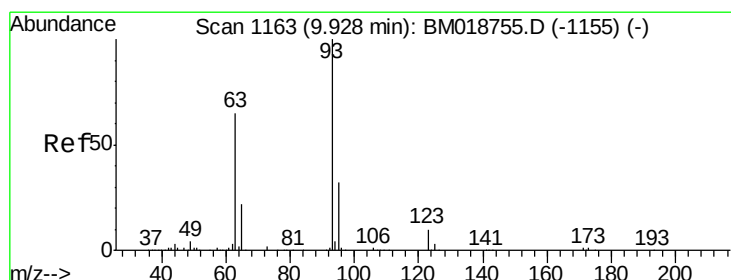
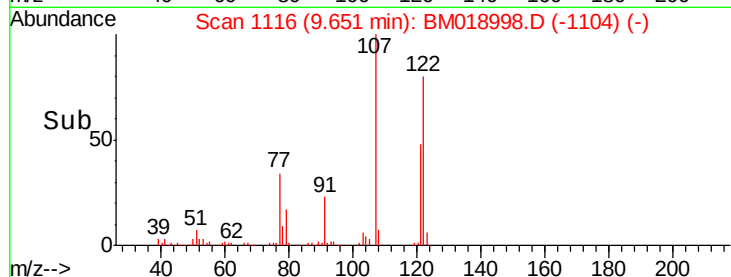
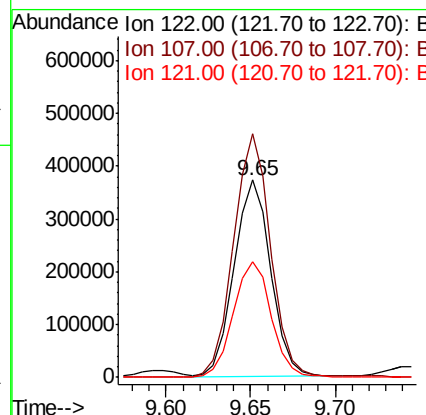
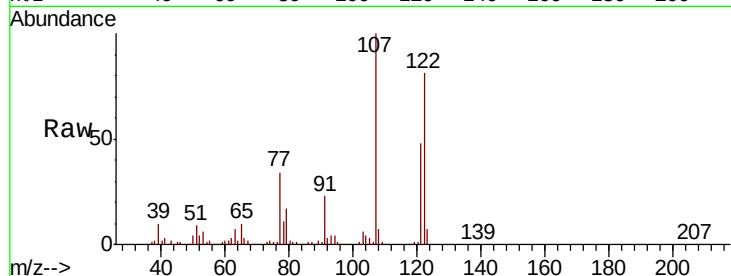
ClientSampleId :

Z-3-13-BMS

Tot Ion:	122	Resp:	562207
Ion Ratio	Lower	Upper	
122	100		
107	123.6	97.6	146.4
121	59.0	47.9	71.9

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM



#28

bis(2-Chloroethoxy)methane

Concen: 28.316 ng

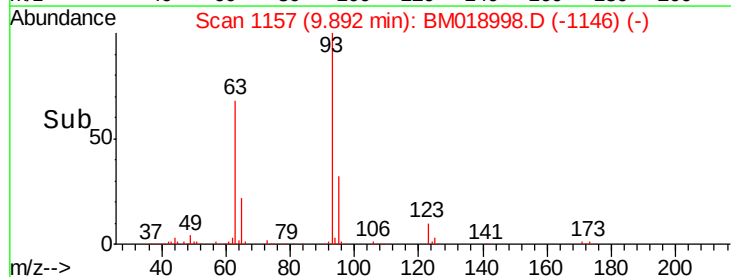
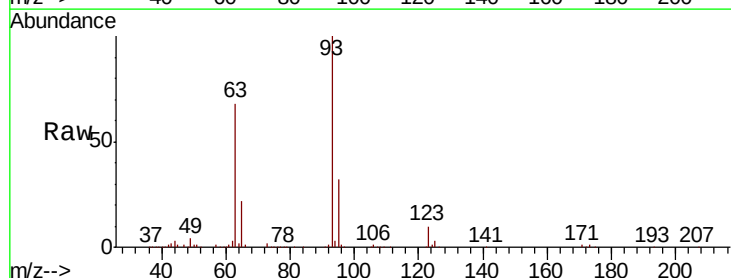
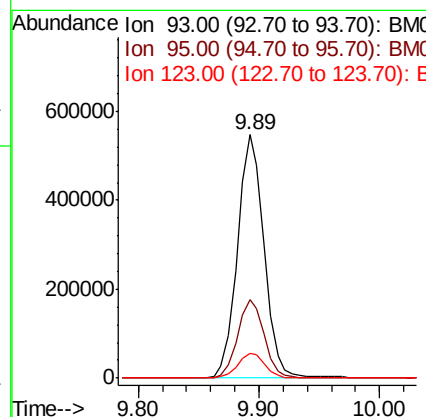
RT: 9.89 min Scan# 1157

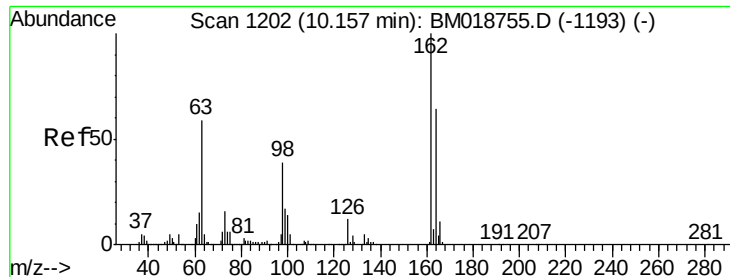
Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Tgt Ion:	93	Resp:	840996
Ion Ratio	Lower	Upper	
93	100		
95	32.1	25.6	38.4
123	10.2	8.2	12.4





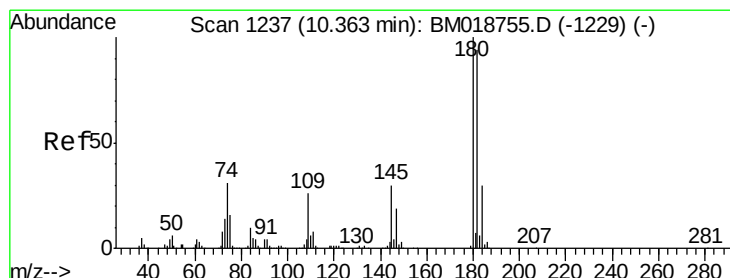
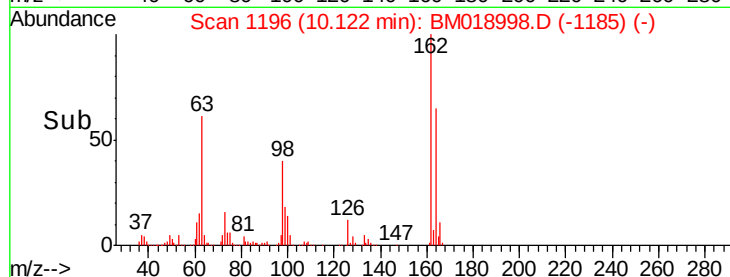
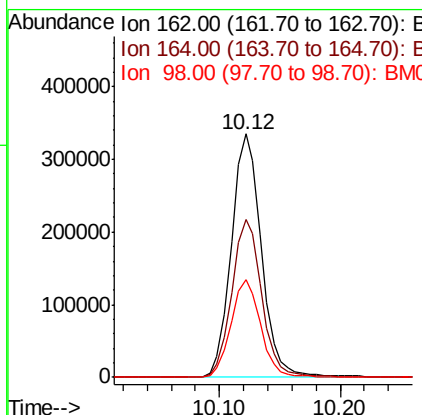
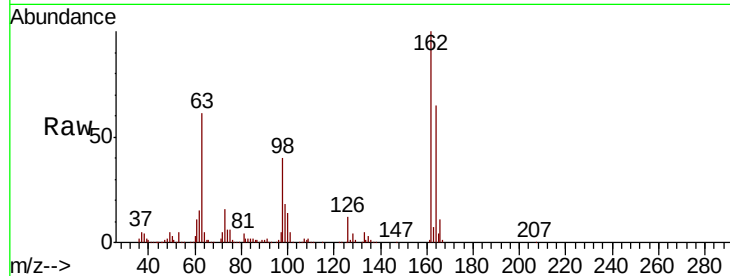
#29
2,4-Dichlorophenol
Concen: 29.192 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
164	64.7	44.1	84.1		
98	40.4	19.4	59.4		

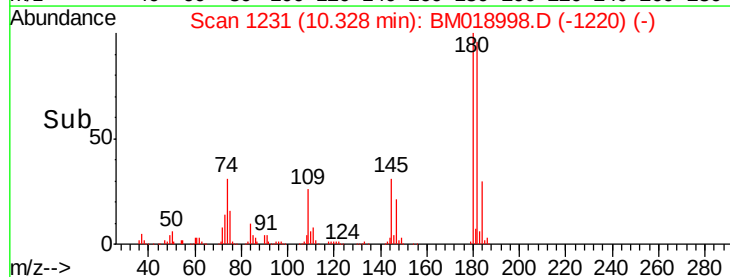
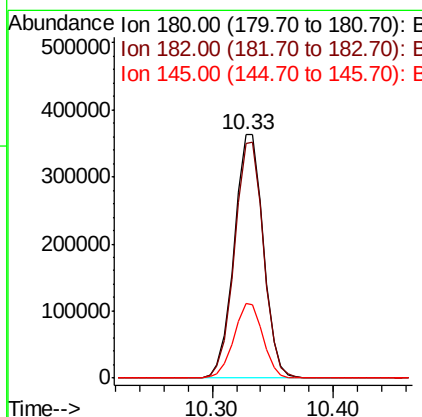
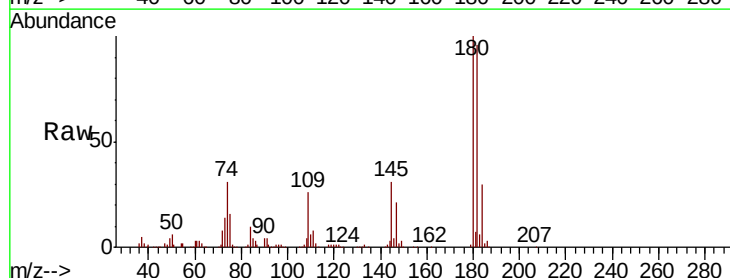
Manual Integrations
APPROVED

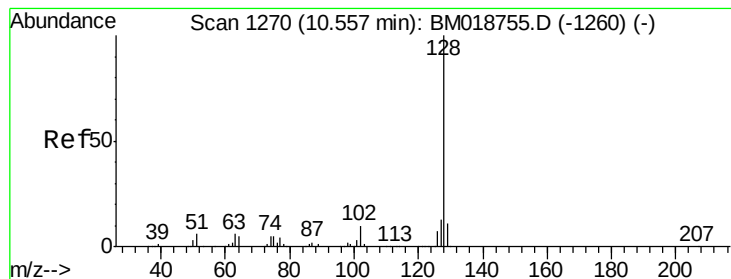
Sohil
3/4/2019 4:53:04 PM



#30
1,2,4-Trichlorobenzene
Concen: 26.529 ng
RT: 10.33 min Scan# 1231
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100				
182	96.4	75.0	112.6		
145	30.6	24.1	36.1		





#31

Naphthalene

Concen: 28.908 ng

RT: 10.52 min Scan# 1264

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

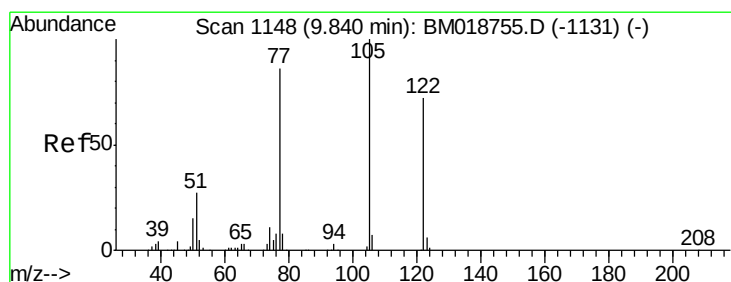
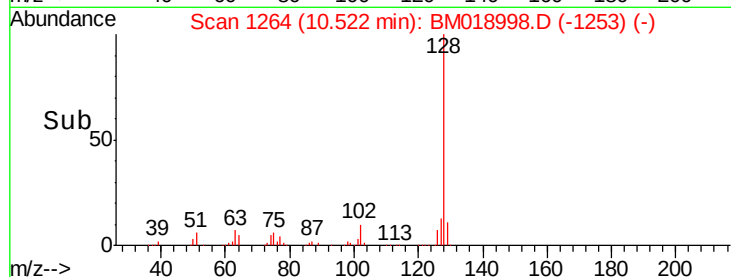
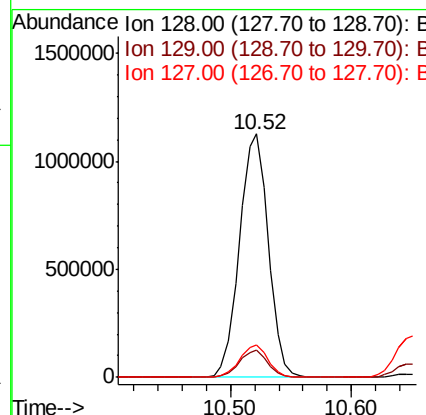
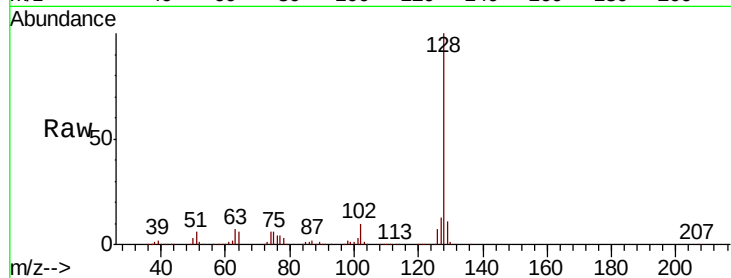
ClientSampleId :

Z-3-13-BMS

Tot Ion:	128	Resp:	1876495
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.2	10.7	16.1

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM



#32

Benzoic acid

Concen: 3.159 ng

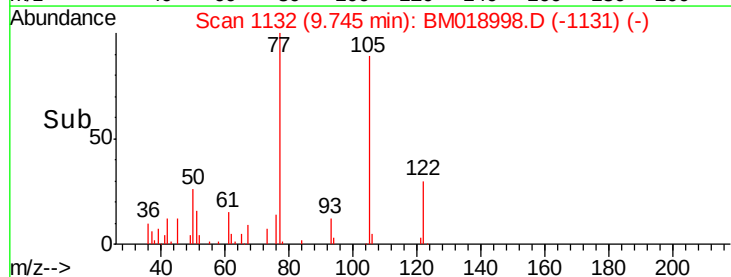
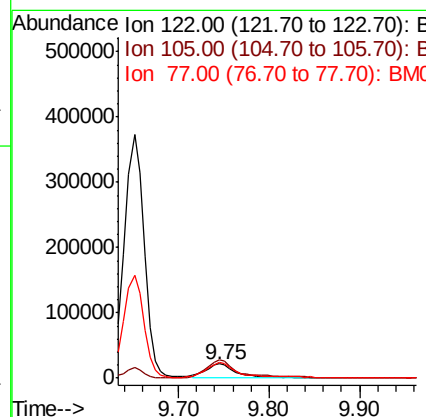
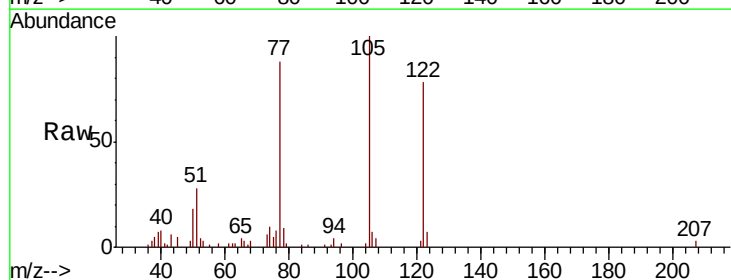
RT: 9.75 min Scan# 1132

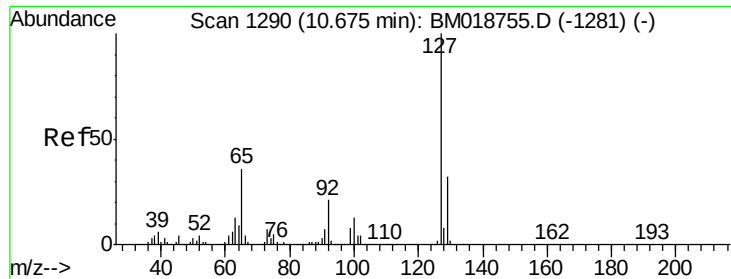
Delta R.T. -0.09 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Tgt Ion:	122	Resp:	47895
Ion	Ratio	Lower	Upper
122	100		
105	128.9	117.5	157.5
77	114.0	98.5	138.5





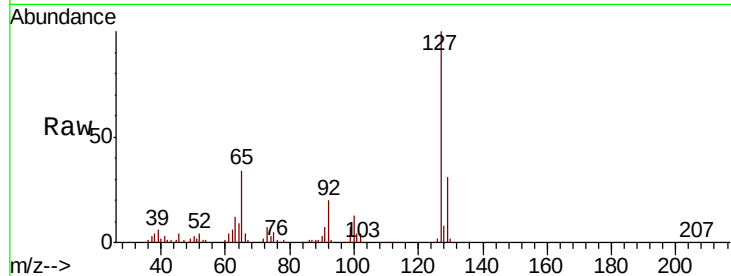
#33
4-Chloroaniline
Concen: 12.196 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampled :
Z-3-13-BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.9	25.7	38.5		
65	34.3	28.7	43.1		
92	19.9	17.0	25.4		

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM



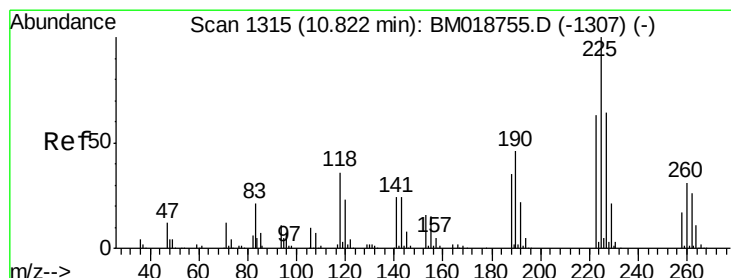
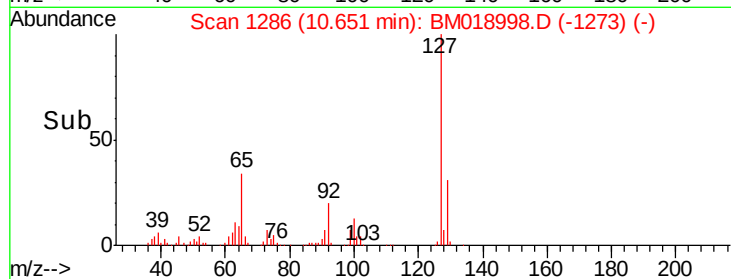
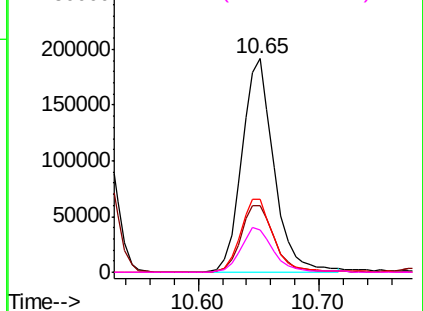
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

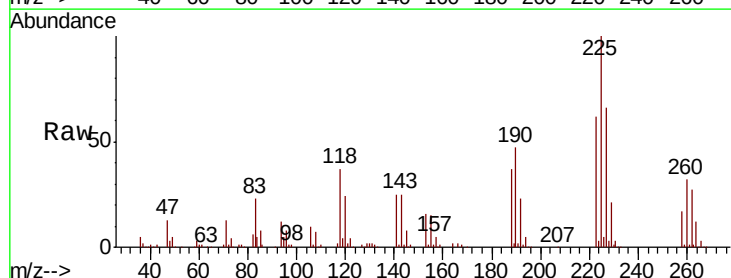
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 24.733 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.1	75.1		
227	66.0	51.4	77.0		

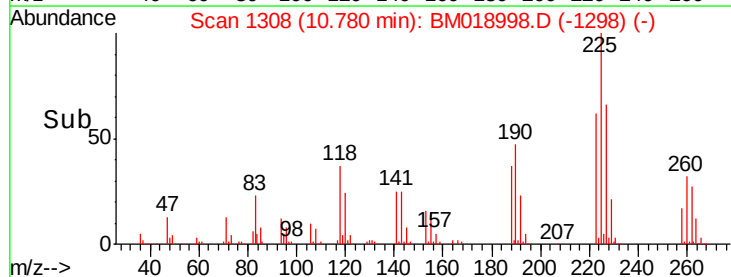
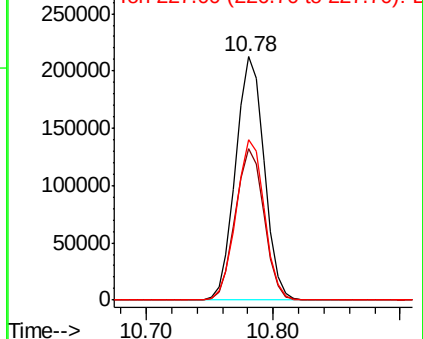


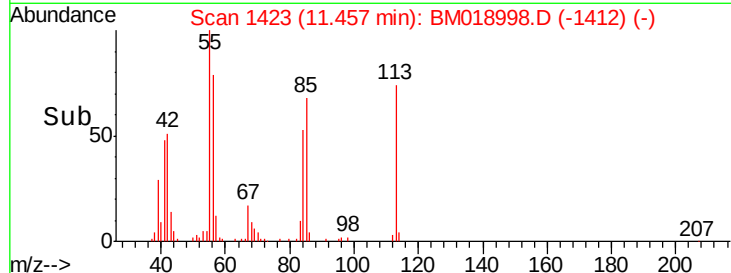
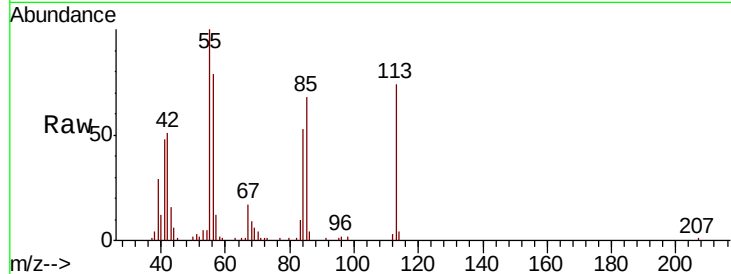
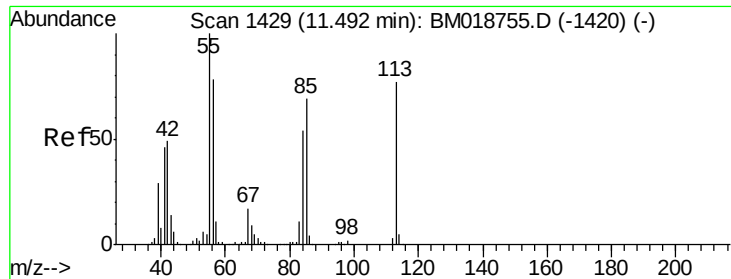
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





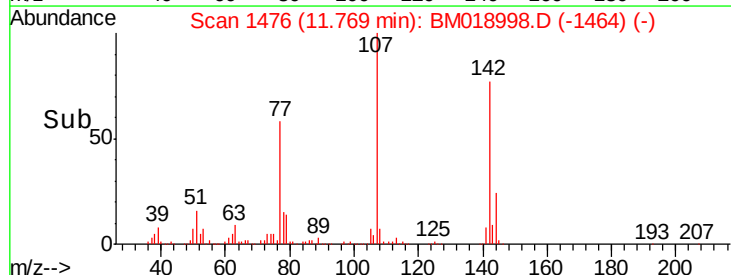
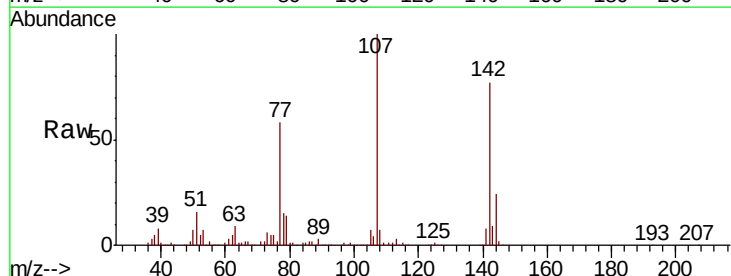
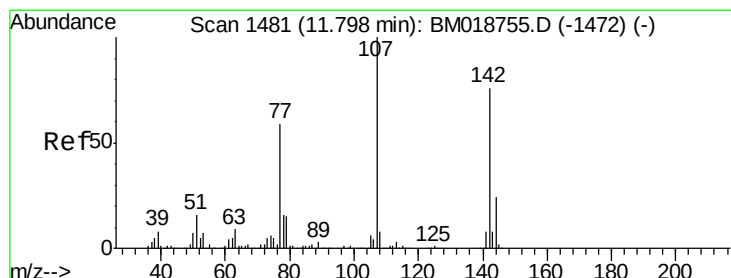
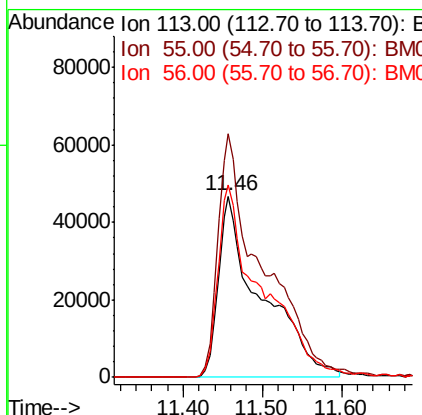
#35
Caprolactam
Concen: 21.404 ng/ml
RT: 11.46 min Scan# 1423
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	134.4	110.7	150.7
56	106.2	82.4	122.4

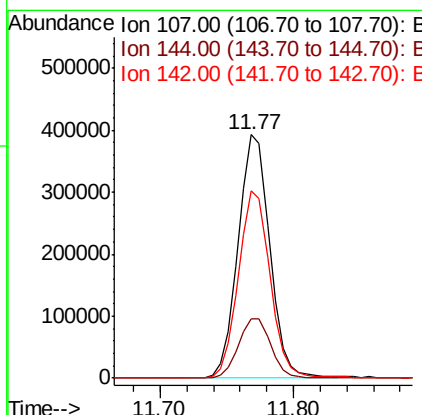
Manual Integrations
APPROVED

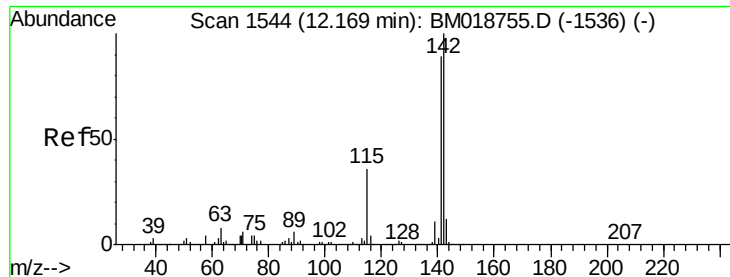
Sohil
3/4/2019 4:53:04 PM



#36
4-Chloro-3-methylphenol
Concen: 26.823 ng/ml
RT: 11.77 min Scan# 1476
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.3	28.9
142	77.1	60.5	90.7





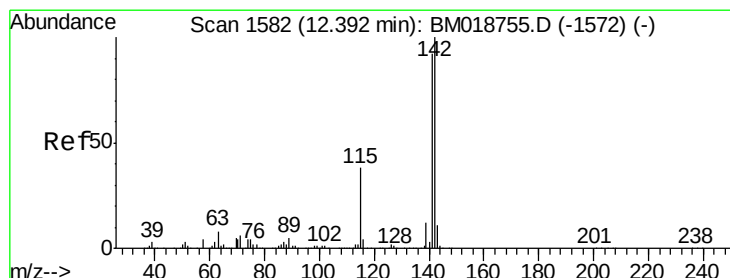
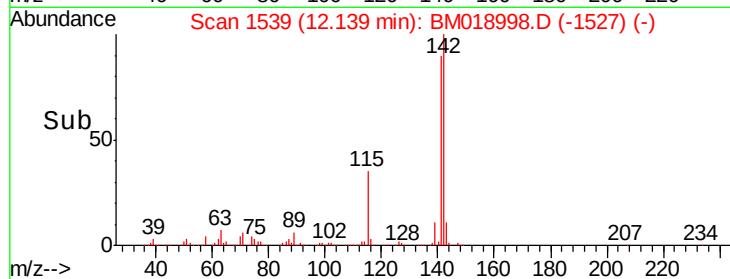
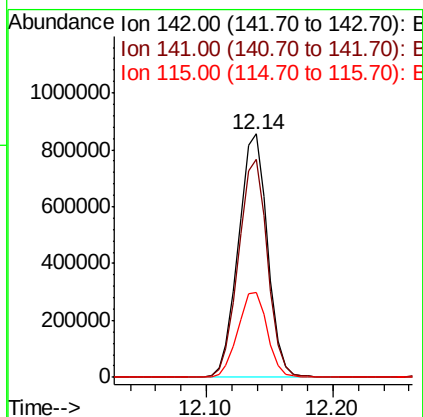
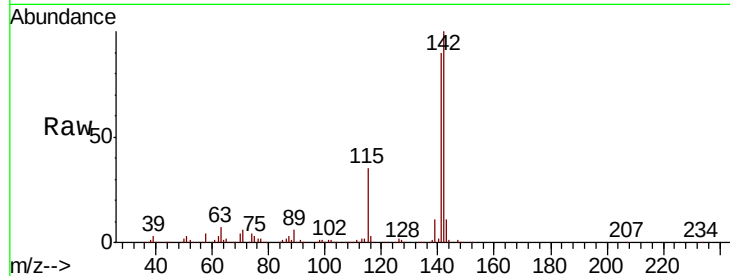
#37
 2-Methylnaphthalene
 Concen: 29.816 ng
 RT: 12.14 min Scan# 1539
 Delta R.T. -0.03 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.2	106.8
115	35.0	29.1	43.7

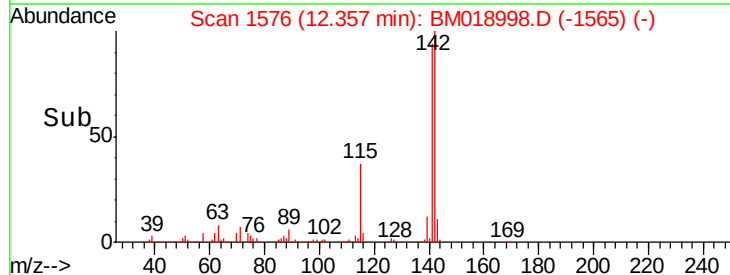
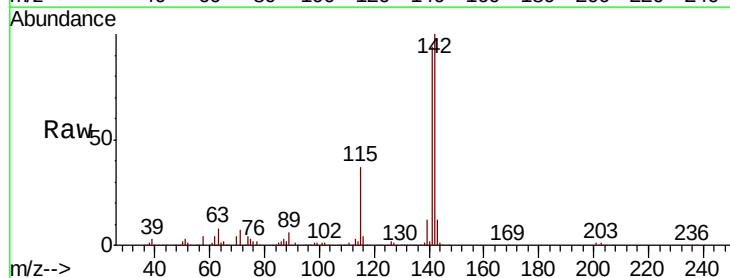
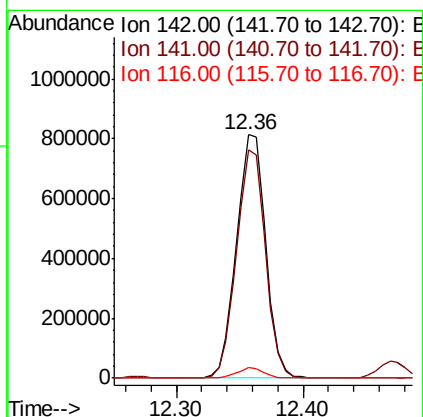
Manual Integrations
 APPROVED

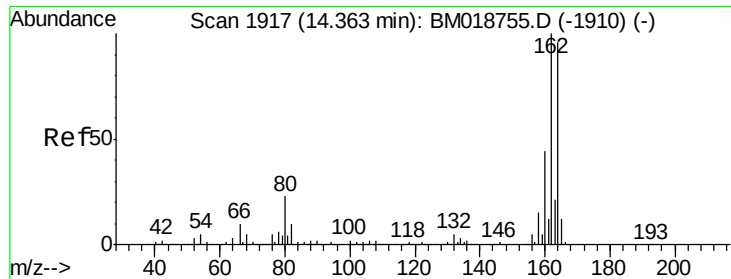
Sohil
 3/4/2019 4:53:04 PM



#38
 1-Methylnaphthalene
 Concen: 28.890 ng
 RT: 12.36 min Scan# 1576
 Delta R.T. -0.04 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.9	110.9
116	4.1	3.0	4.4





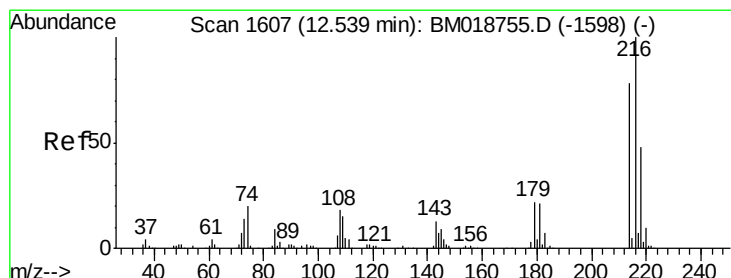
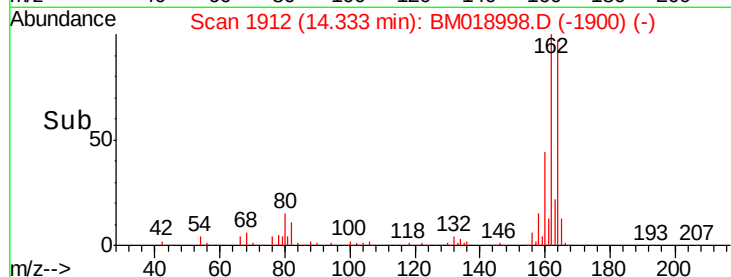
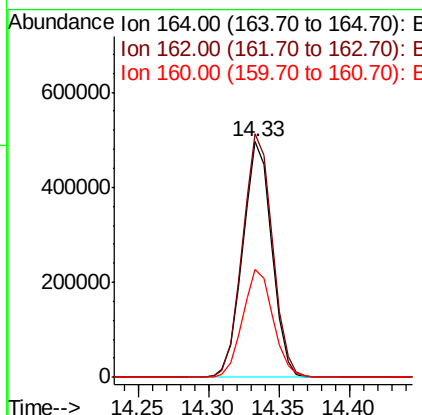
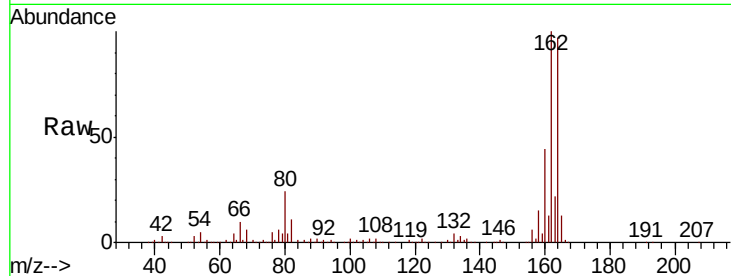
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.03 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.4	125.0
160	45.5	36.6	55.0

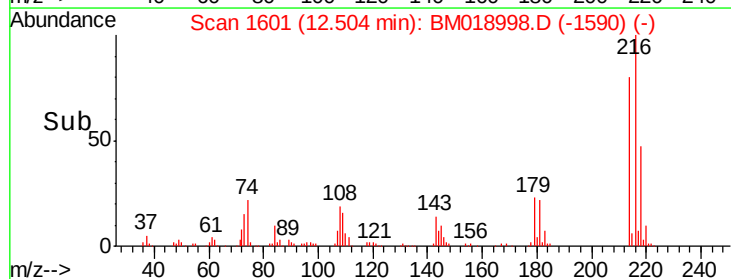
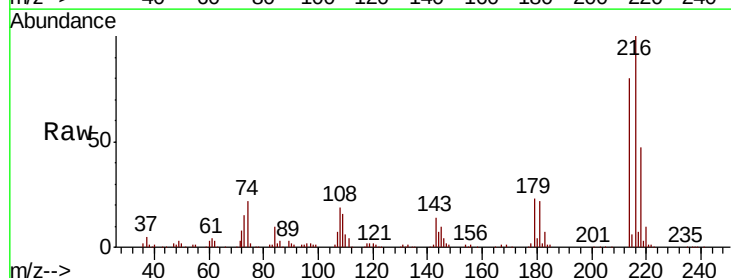
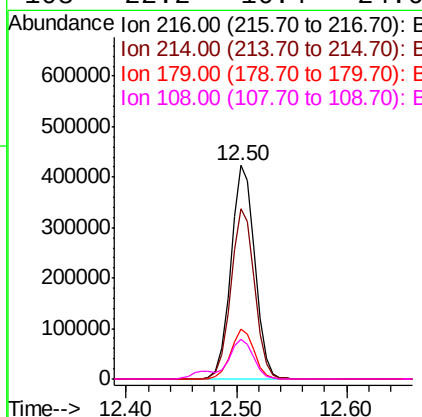
Manual Integrations
 APPROVED

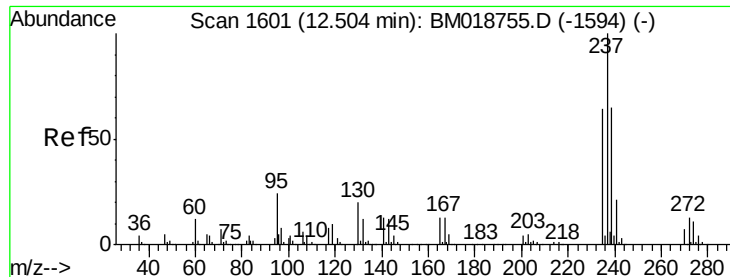
Sohil
 3/4/2019 4:53:04 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.972 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. -0.04 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.2	94.8
179	22.9	17.8	26.8
108	22.2	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 56.391 ng

RT: 12.47 min Scan# 1595

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

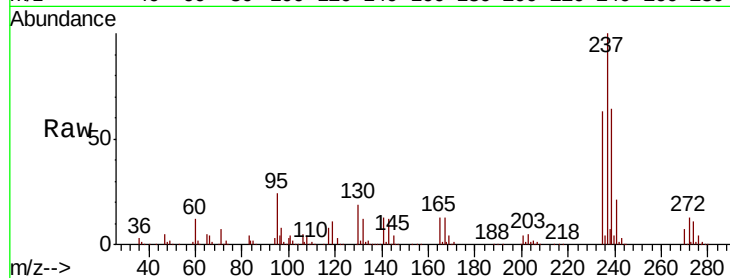
ClientSampleId :

Z-3-13-BMS

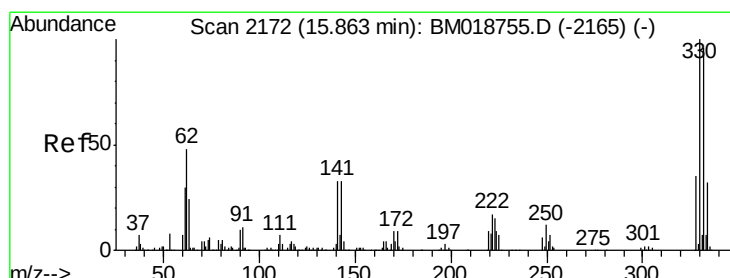
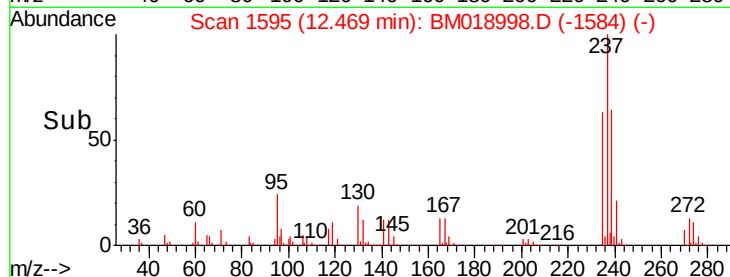
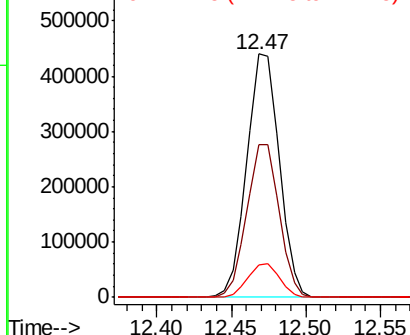
Tot Ion:	237	Resp:	661994
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.7	83.7
272	13.3	0.0	33.3

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 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: 83.627 ng

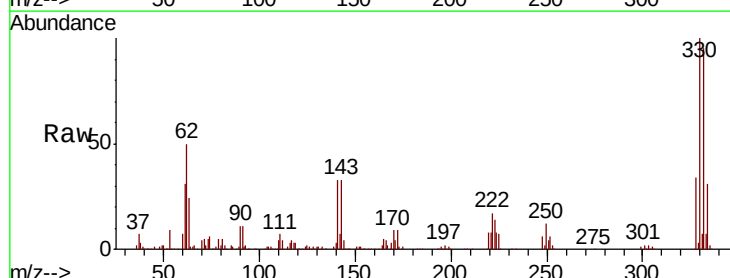
RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

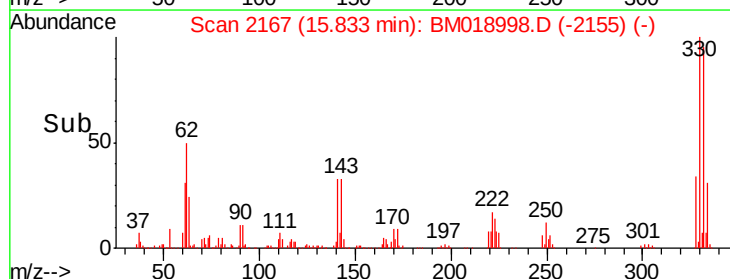
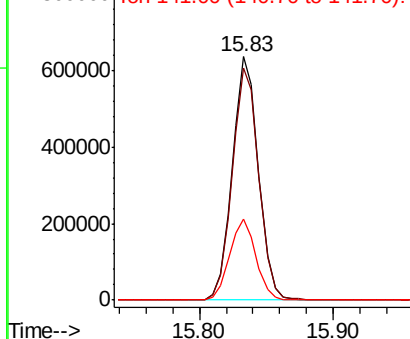
Lab File: BM018998.D

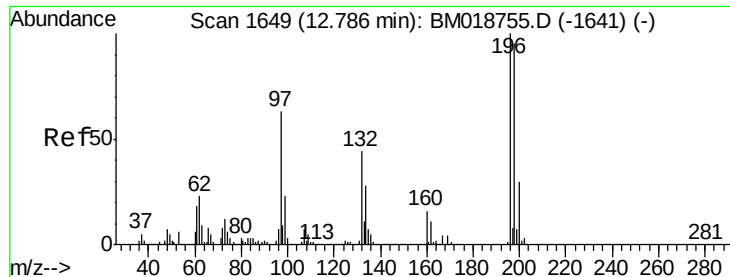
Acq: 01 Mar 2019 21:56

Tgt Ion:	330	Resp:	865262
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.9	115.3
141	33.7	28.7	43.1



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





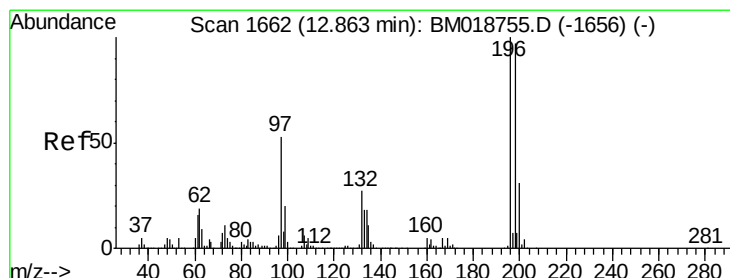
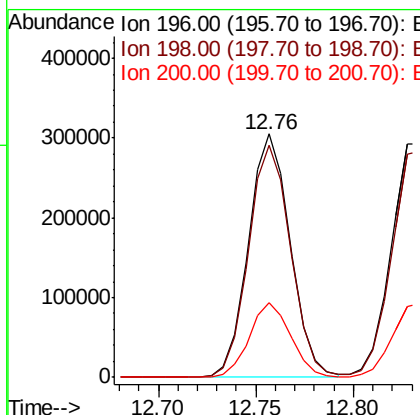
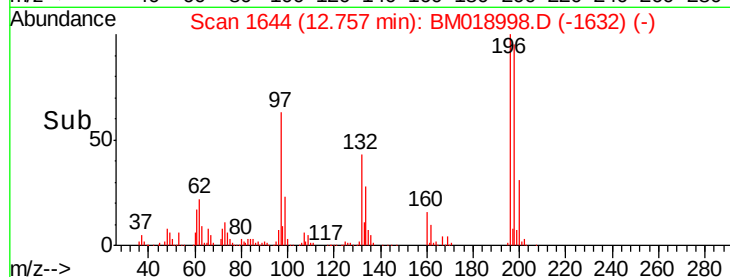
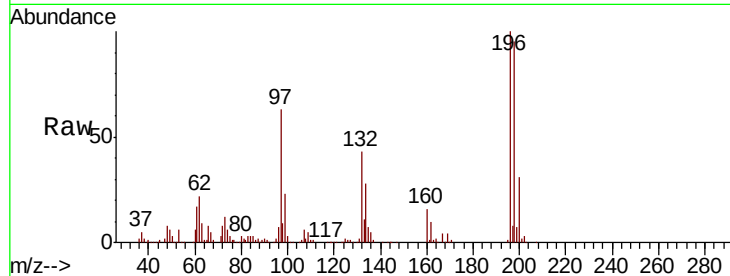
#43
 2,4,6-Trichlorophenol
 Concen: 29.663 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	450881		
198	95.2	76.2	114.2	
200	30.7	24.2	36.2	

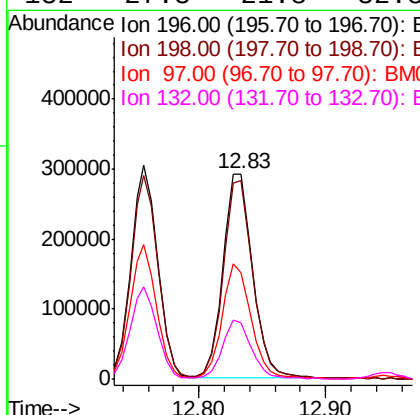
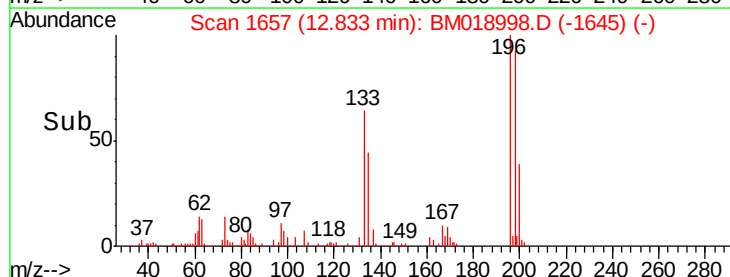
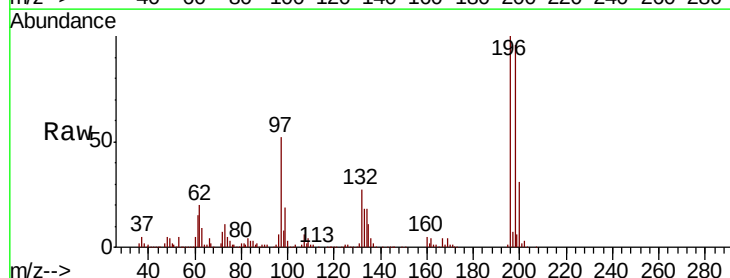
Manual Integrations
 APPROVED

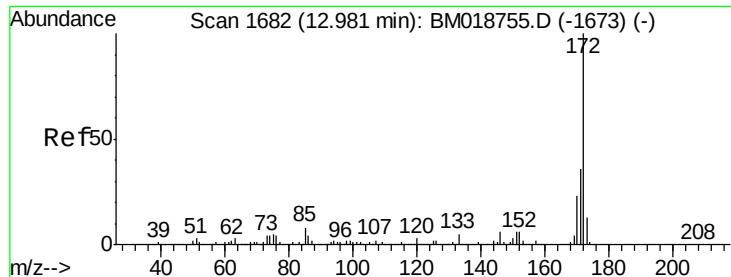
Sohil
 3/4/2019 4:53:04 PM



#44
 2,4,5-Trichlorophenol
 Concen: 29.562 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. -0.03 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	470975		
198	96.4	77.6	116.4	
97	51.9	42.8	64.2	
132	27.3	21.8	32.8	





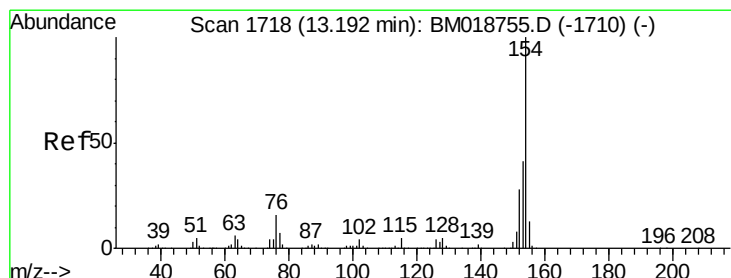
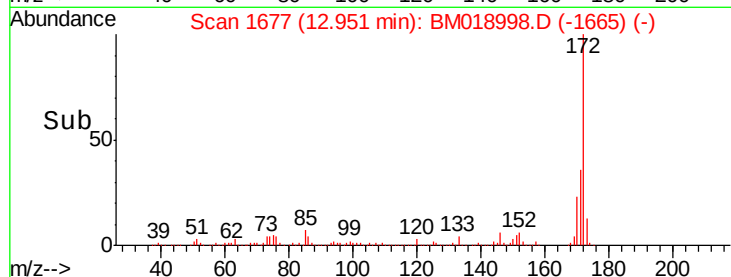
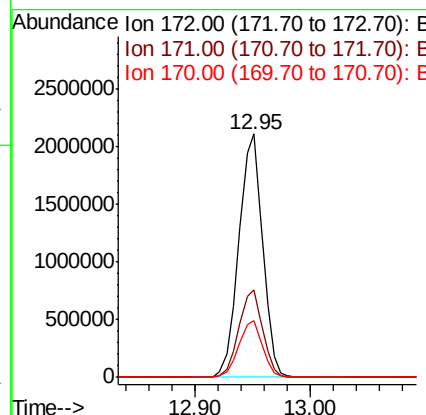
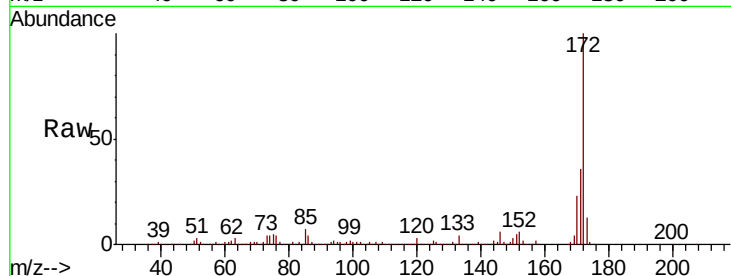
#45
2-Fluorobiphenyl
Concen: 55.439 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.8	29.0	43.6	
170	23.4	18.6	28.0	

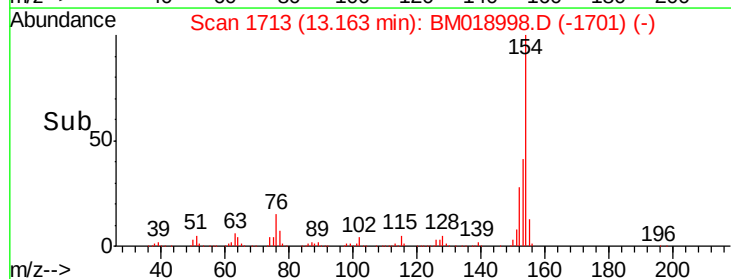
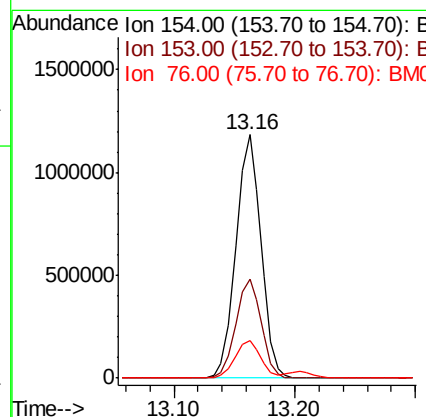
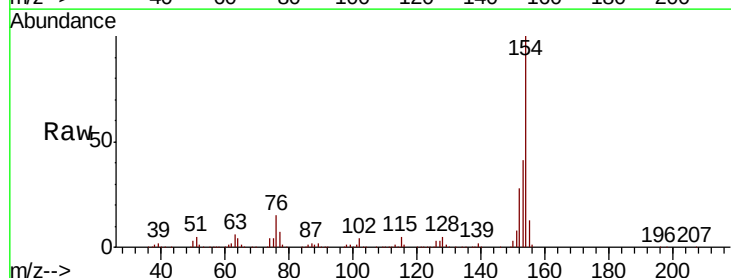
Manual Integrations
APPROVED

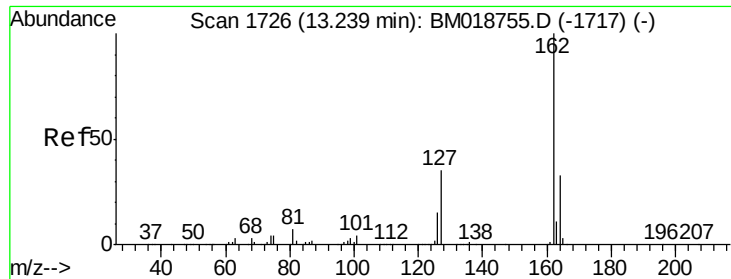
Sohil
3/4/2019 4:53:04 PM



#46
1,1'-Biphenyl
Concen: 27.721 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.6	21.1	61.1	
76	15.4	0.0	35.7	





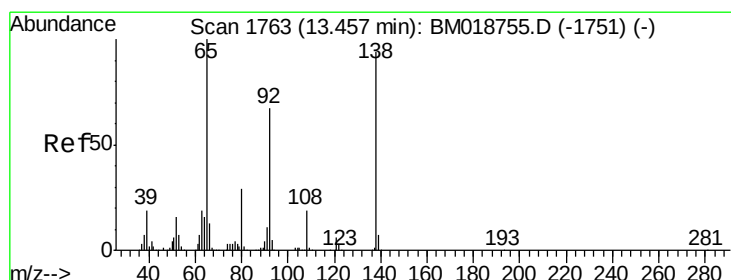
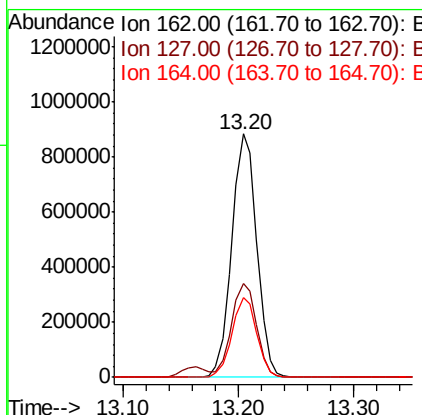
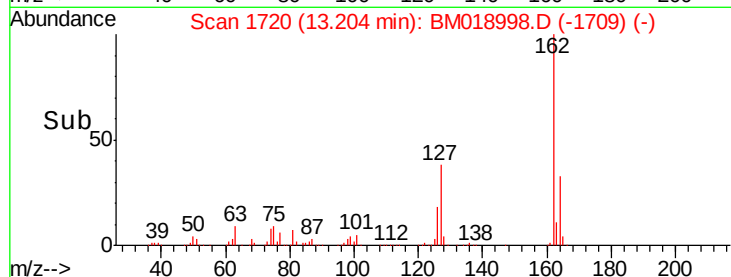
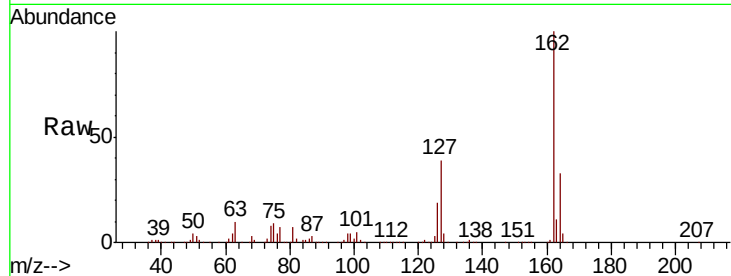
#47
2-Chloronaphthalene
Concen: 27.829 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampled :
Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.1	46.7
164	32.6	26.4	39.6

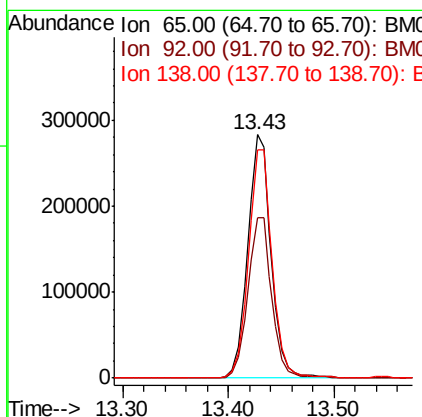
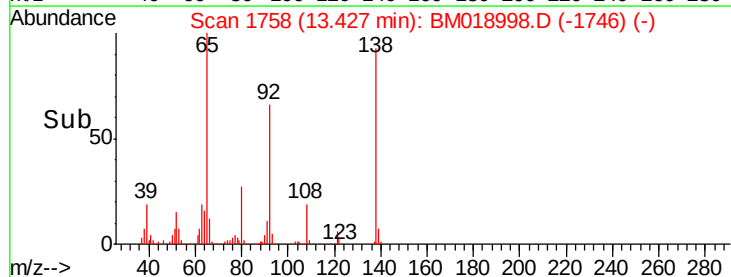
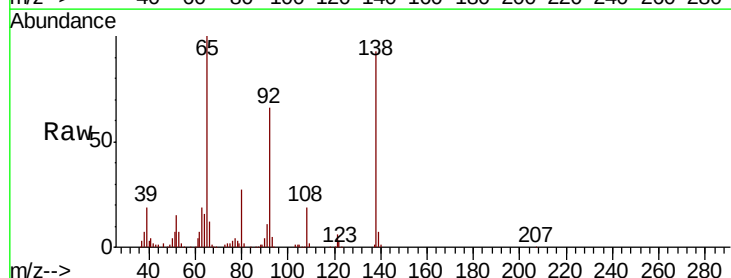
Manual Integrations
APPROVED

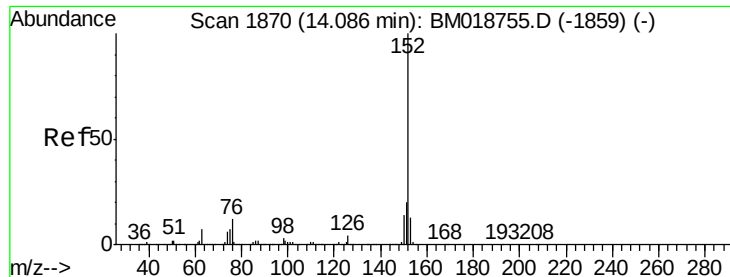
Sohil
3/4/2019 4:53:04 PM



#48
2-Nitroaniline
Concen: 27.491 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	54.0	81.0
138	93.5	74.9	112.3





#49

Acenaphthylene

Concen: 29.697 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

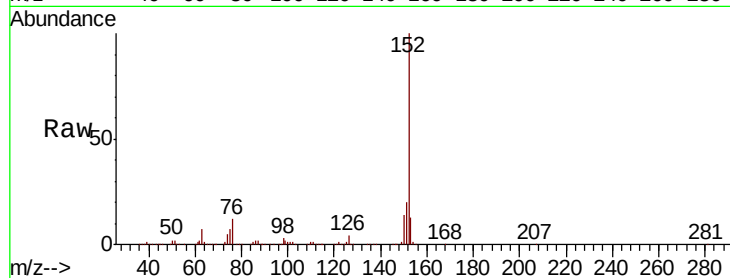
ClientSampleId :

Z-3-13-BMS

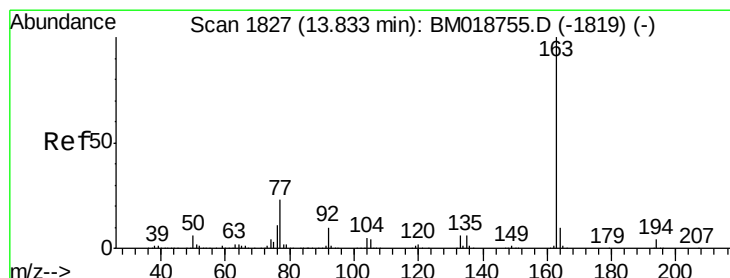
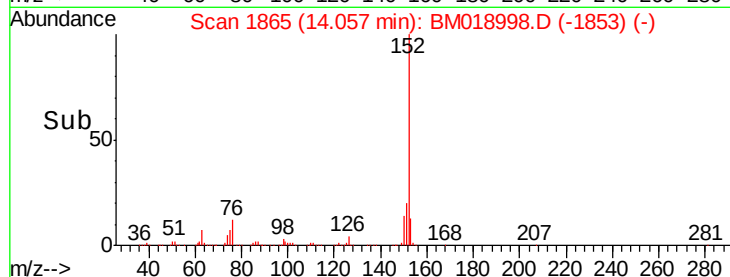
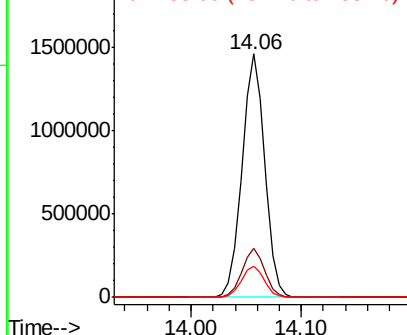
Tot Ion:	152	Resp:	2110269
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	12.9	10.5	15.7

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM



Abundance Ion 152.00 (151.70 to 152.70): E
2000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 30.564 ng

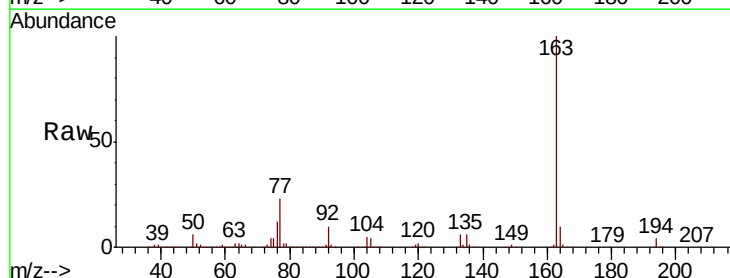
RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

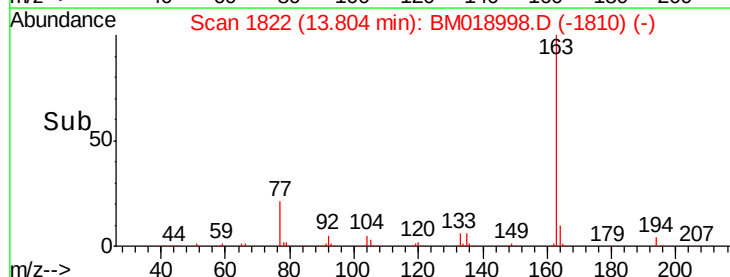
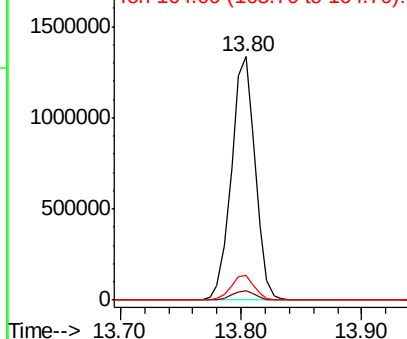
Lab File: BM018998.D

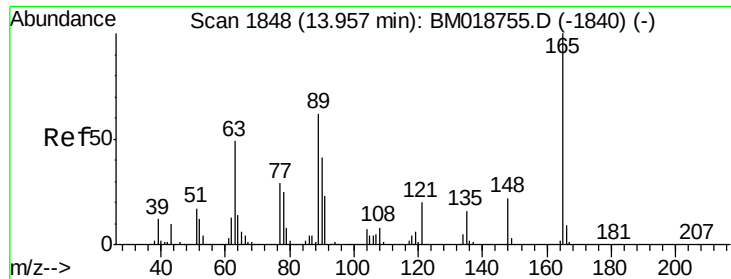
Acq: 01 Mar 2019 21:56

Tgt Ion:	163	Resp:	1828341
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	7.8	11.8



Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





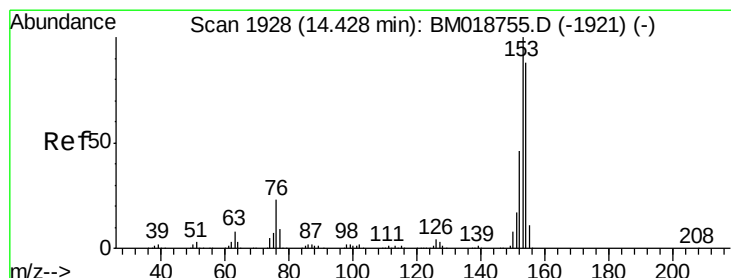
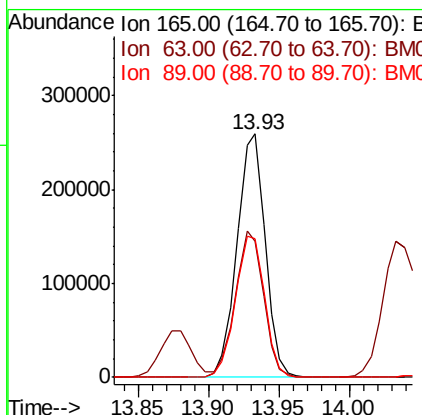
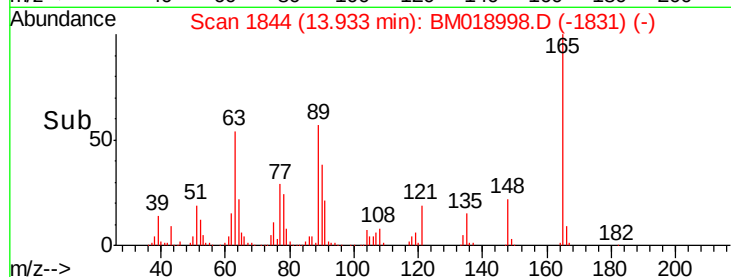
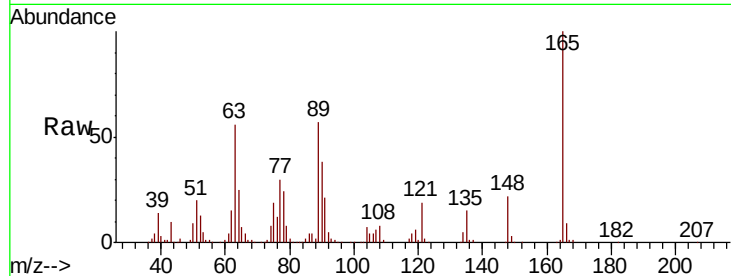
#51
2,6-Dinitrotoluene
Concen: 27.896 ng
RT: 13.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampled :
Z-3-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	361487		
63	55.9	48.9	73.3	
89	56.9	49.4	74.0	

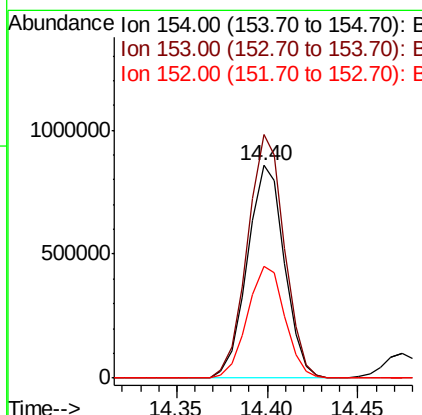
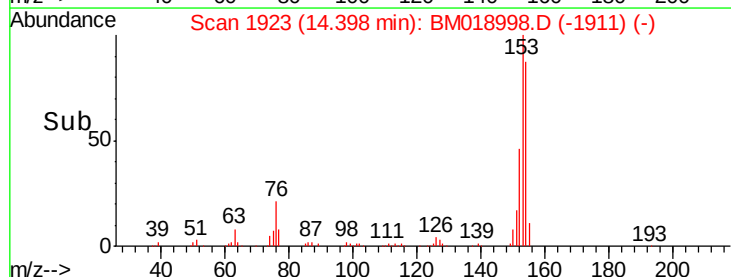
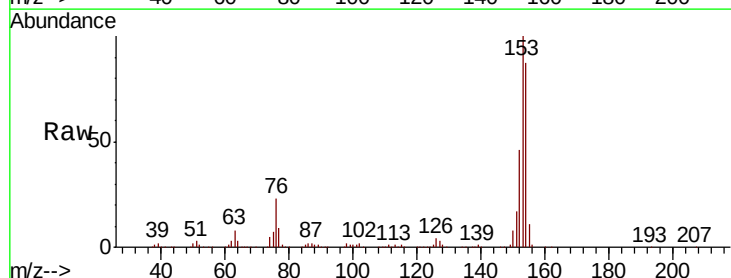
Manual Integrations
APPROVED

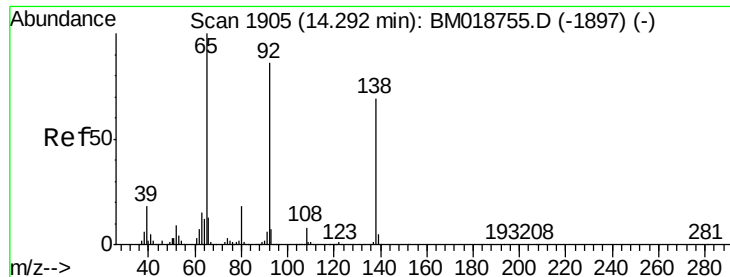
Sohil
3/4/2019 4:53:04 PM



#52
Acenaphthene
Concen: 27.979 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1219109		
153	114.7	91.3	136.9	
152	52.5	42.2	63.4	





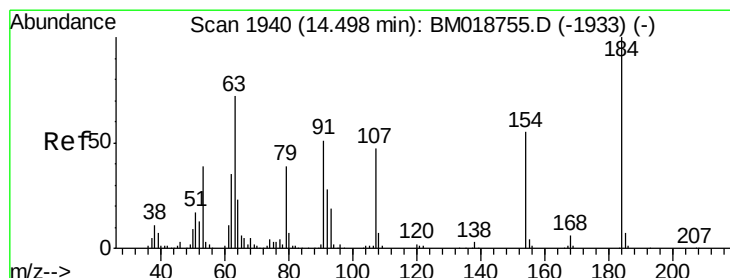
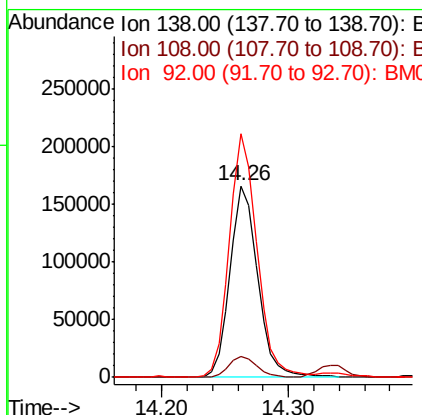
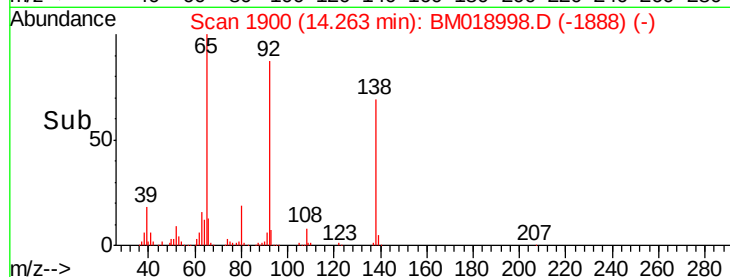
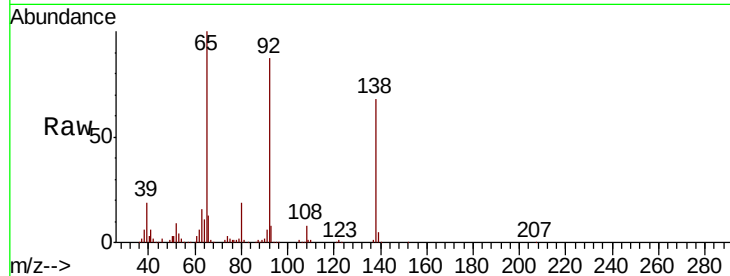
#53
3-Nitroaniline
Concen: 17.181 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampled :
Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.1	13.7
92	127.1	99.7	149.5

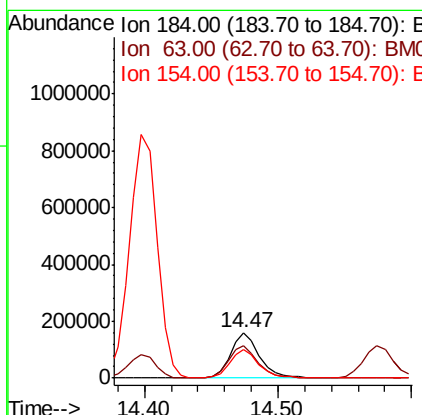
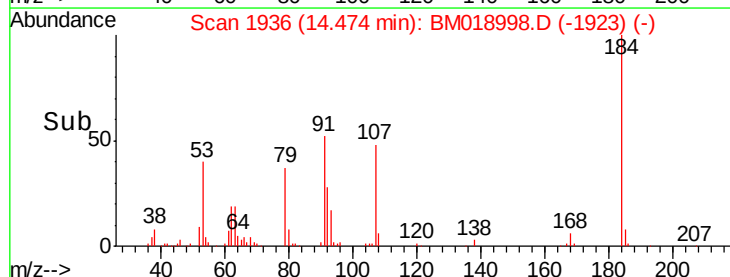
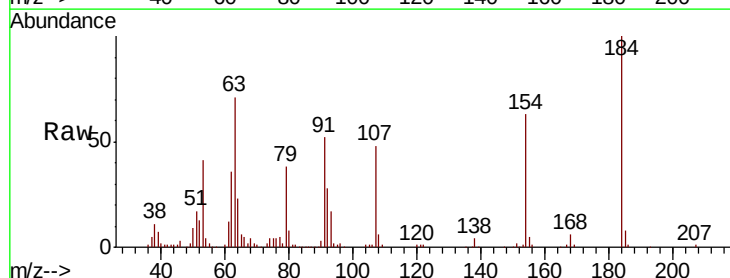
Manual Integrations
APPROVED

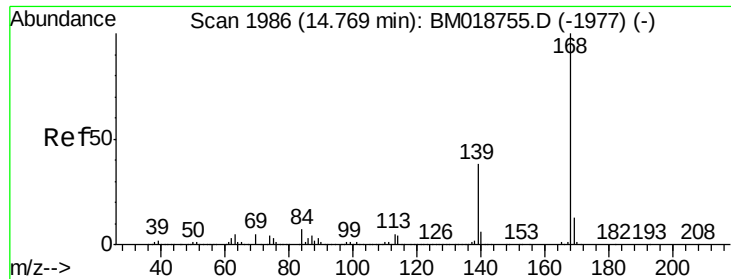
Sohil
3/4/2019 4:53:04 PM



#54
2,4-Dinitrophenol
Concen: 33.019 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.7	58.0	87.0
154	62.6	50.3	75.5





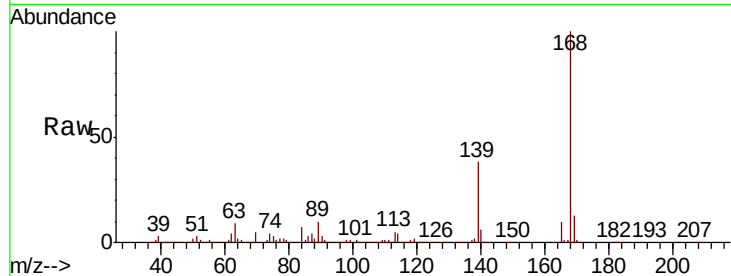
#55
Dibenzofuran
Concen: 27.258 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampled :
Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.7	46.1
169	13.3	10.3	15.5

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM

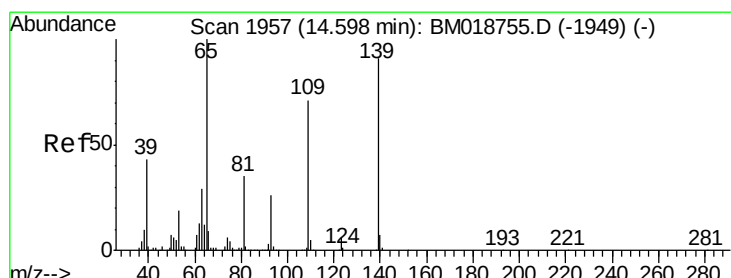
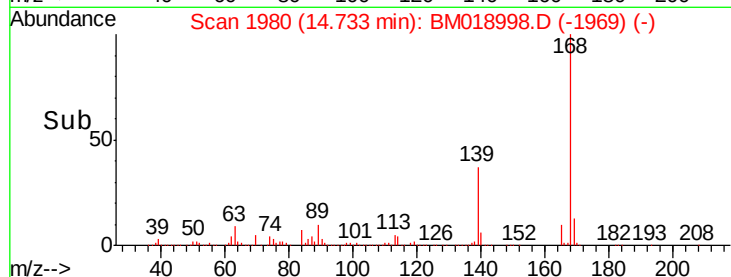
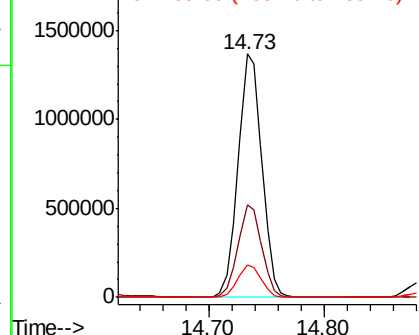


Abundance

Ion 168.00 (167.70 to 168.70): E

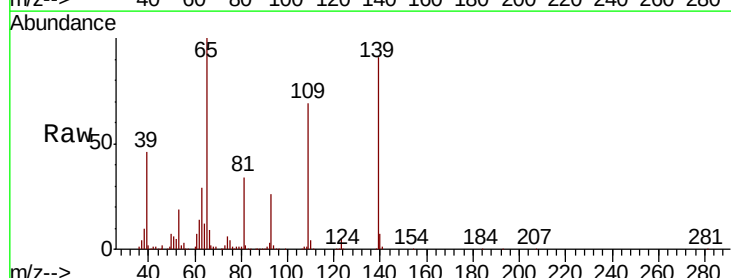
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 49.066 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.2	58.4	98.4
65	110.1	89.8	129.8

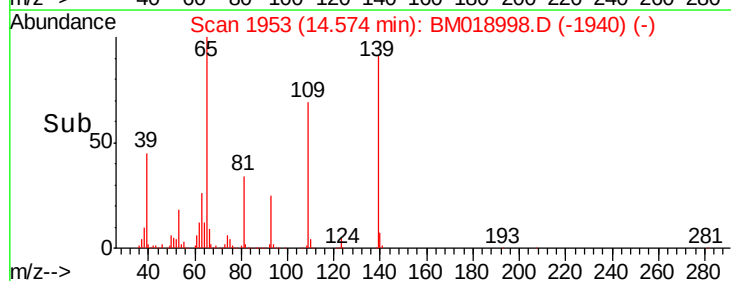
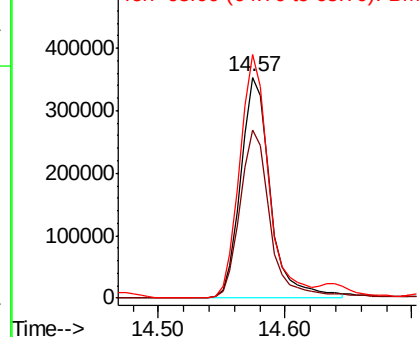


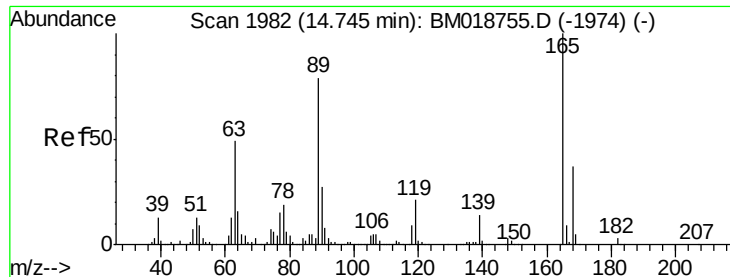
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





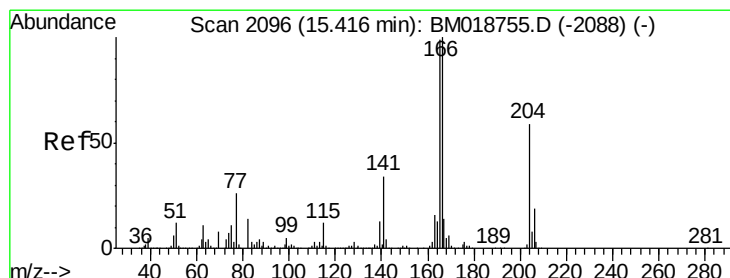
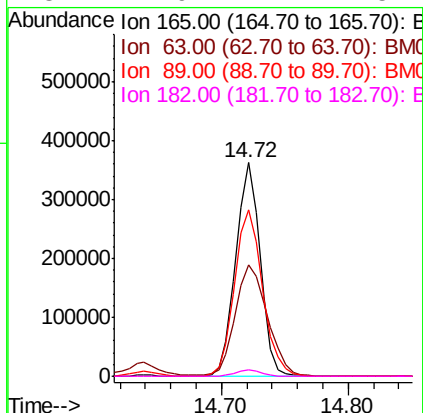
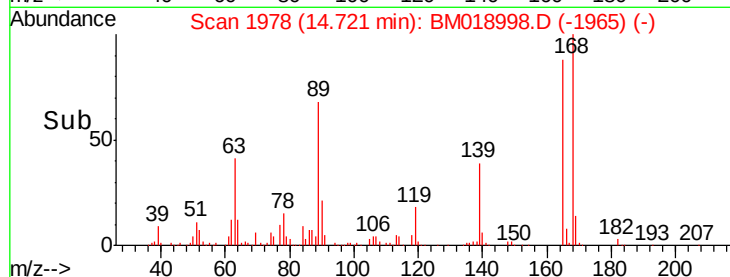
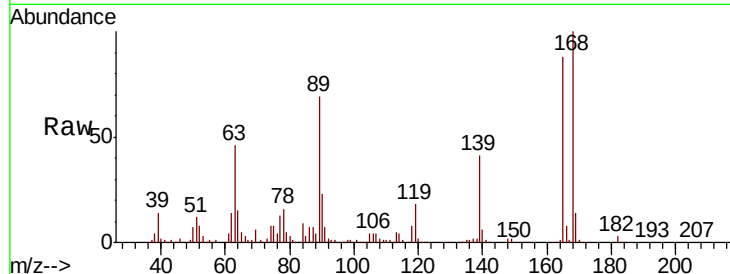
#57
2,4-Dinitrotoluene
Concen: 27.042 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	482811		
63	51.9	39.6	59.4	
89	78.2	63.5	95.3	
182	2.9	2.2	3.4	

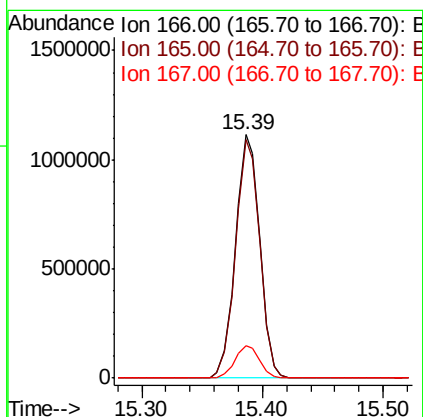
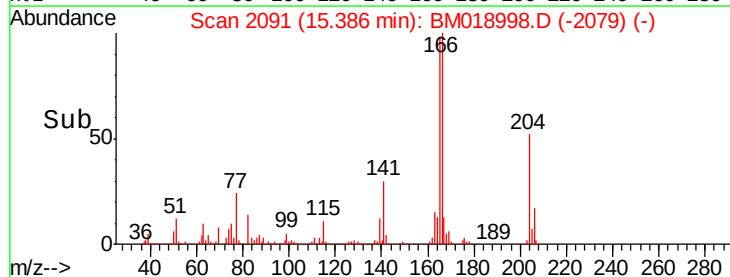
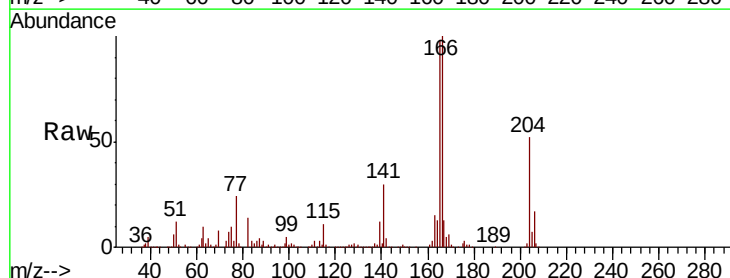
Manual Integrations
APPROVED

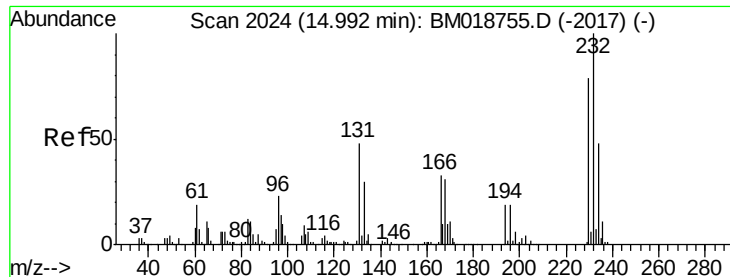
Sohil
3/4/2019 4:53:04 PM



#58
Fluorene
Concen: 28.507 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1561854		
165	98.0	79.1	118.7	
167	13.2	11.0	16.4	





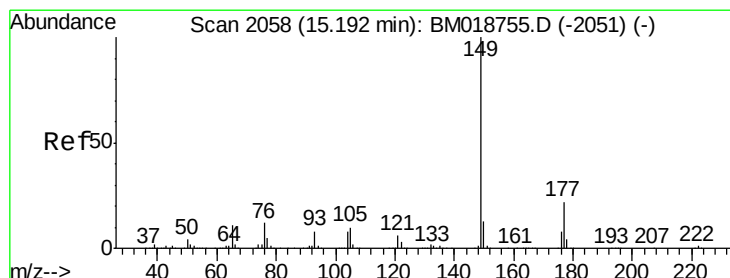
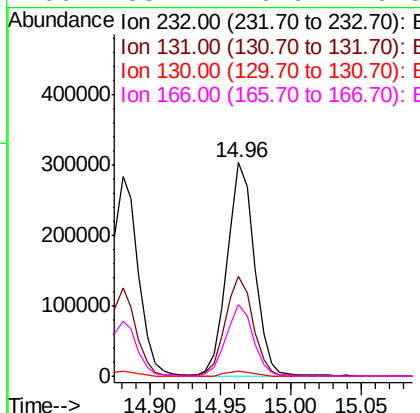
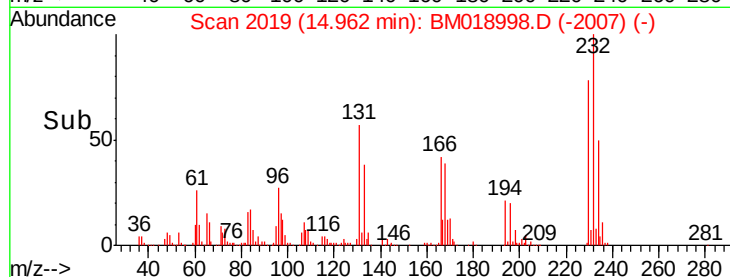
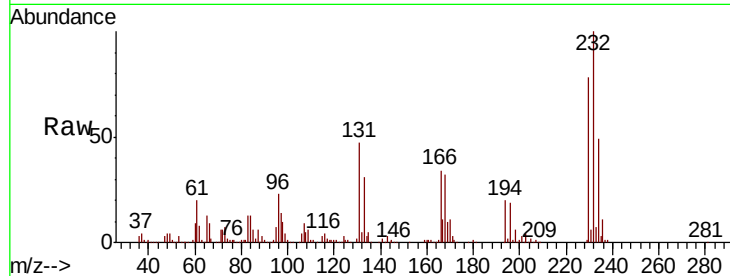
#59
2,3,4,6-Tetrachlorophenol
Concen: 28.943 ng
RT: 14.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	407586		
131	47.4	38.6	57.8	
130	2.4	2.0	3.0	
166	33.2	26.9	40.3	

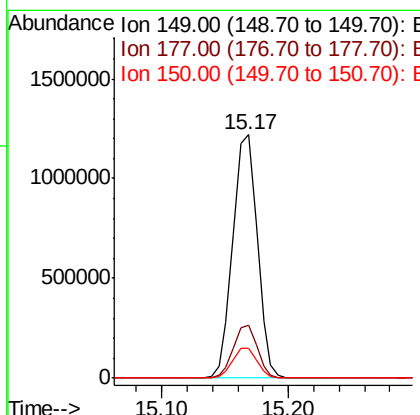
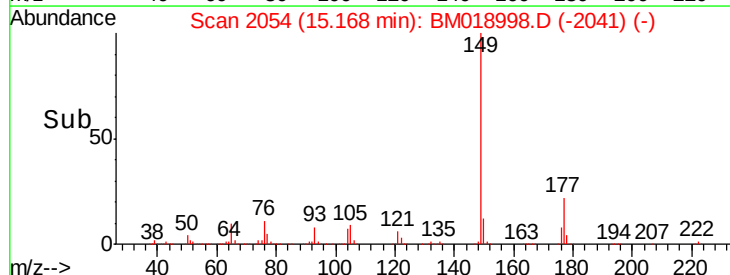
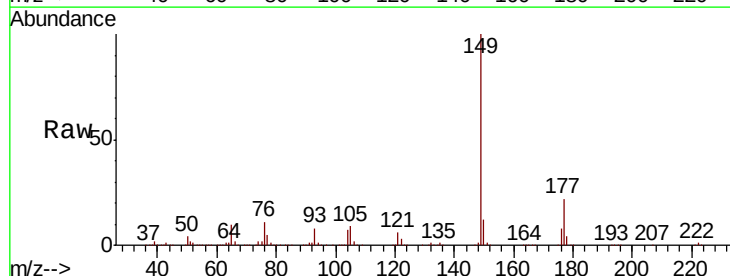
Manual Integrations
APPROVED

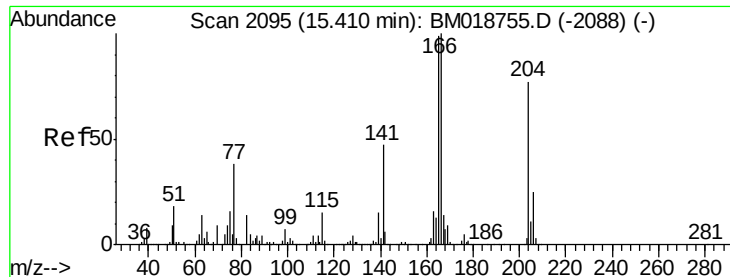
Sohil
3/4/2019 4:53:04 PM



#60
Diethylphthalate
Concen: 26.387 ng
RT: 15.17 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1628234		
177	21.8	17.2	25.8	
150	12.3	10.2	15.2	





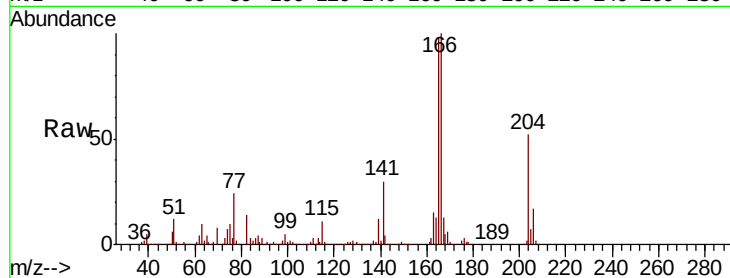
#61
4-Chlorophenyl-phenylether
Concen: 25.083 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	770515		
206	32.9	26.2	39.2	
141	58.1	49.2	73.8	

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM

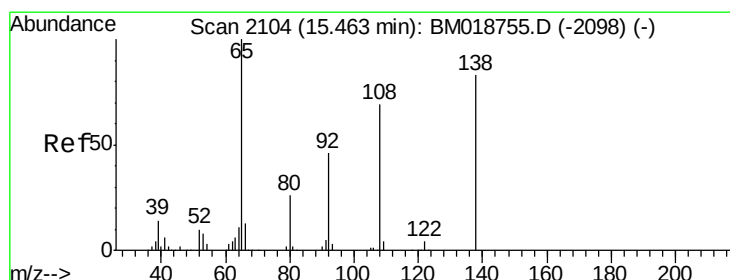
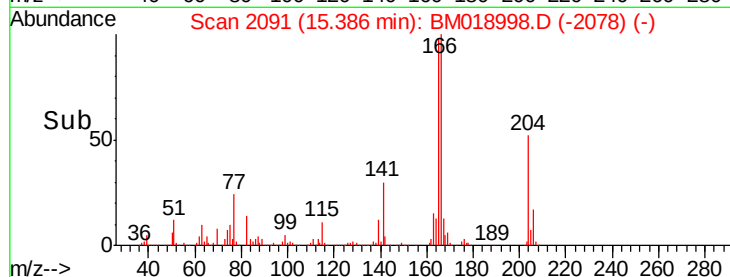
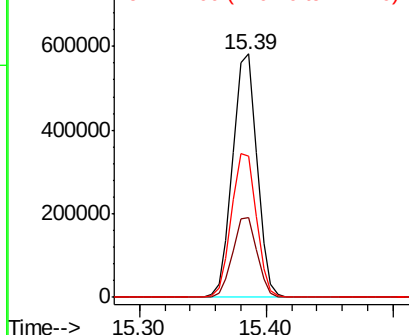


Abundance

Ion 204.00 (203.70 to 204.70): E

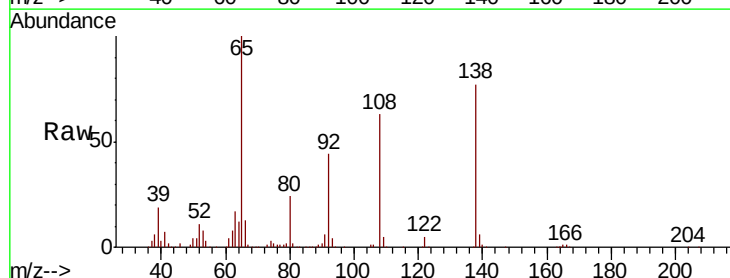
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 22.434 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	322024		
92	56.9	35.5	75.5	
108	82.4	62.4	102.4	

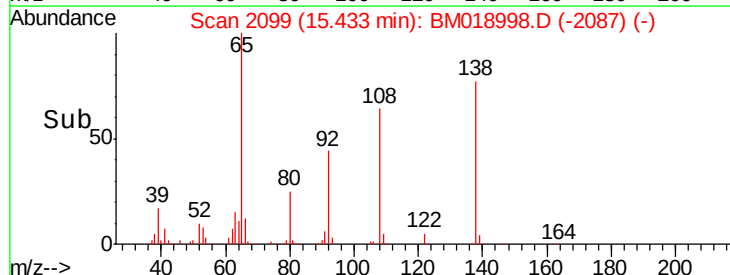
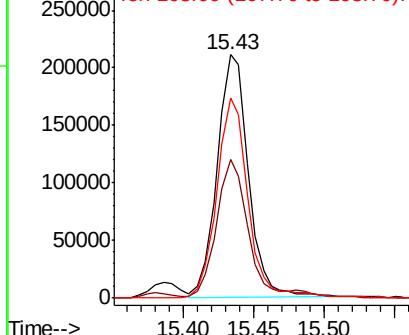


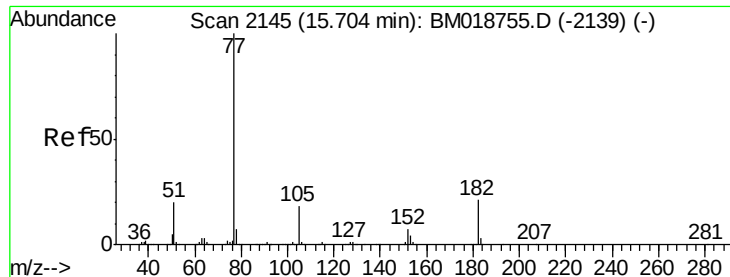
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 26.415 ng

RT: 15.68 min Scan# 2141

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

ClientSampled :

Z-3-13-BMS

Tot Ion: 77 Resp: 1747677

Ion Ratio Lower Upper

77 100

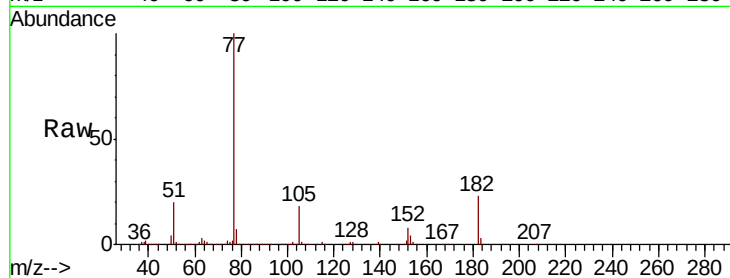
182 22.8 1.0 41.0

105 18.2 0.0 37.7

51 20.4 0.3 40.3

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM

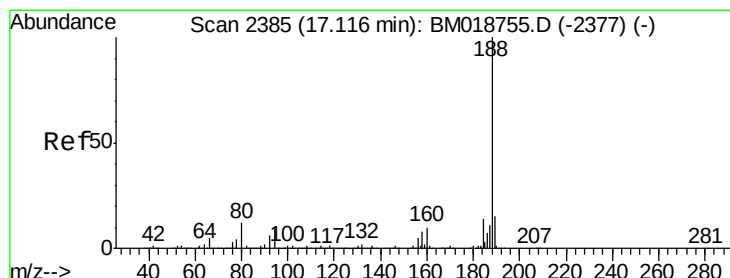
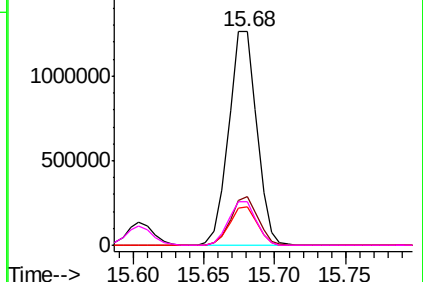
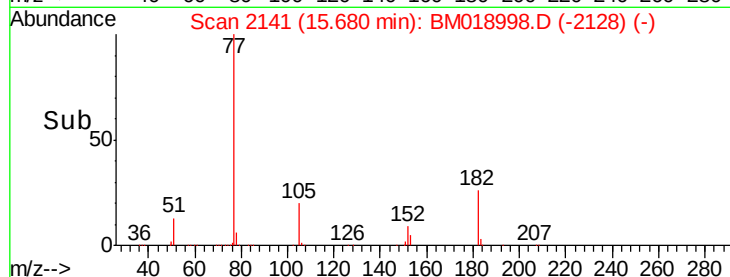


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM018755.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-2139) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

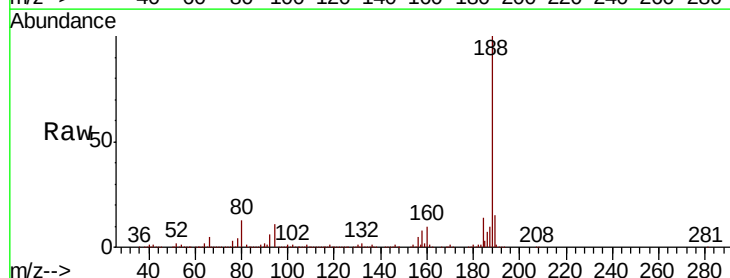
Tgt Ion: 188 Resp: 1450275

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.2

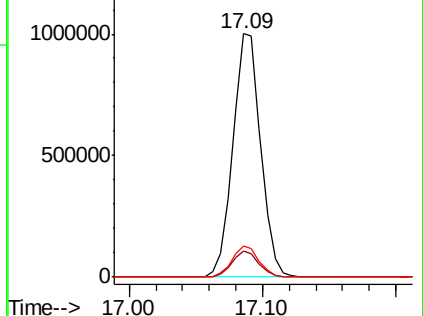
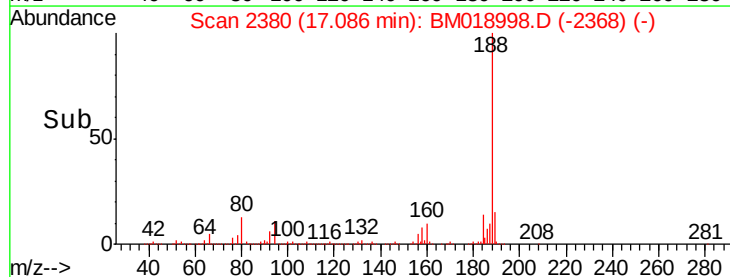
80 12.6 9.7 14.5

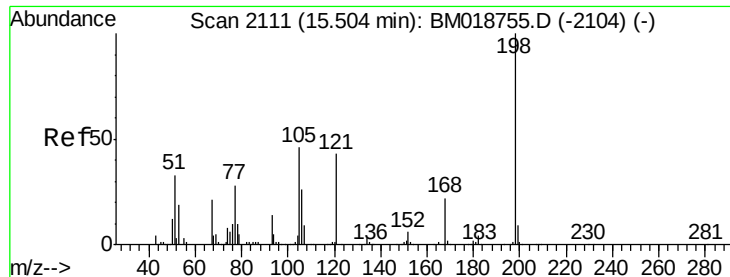


Abundance Ion 188.00 (187.70 to 188.70): BM018755.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM018755.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM018755.D (-2377) (-)





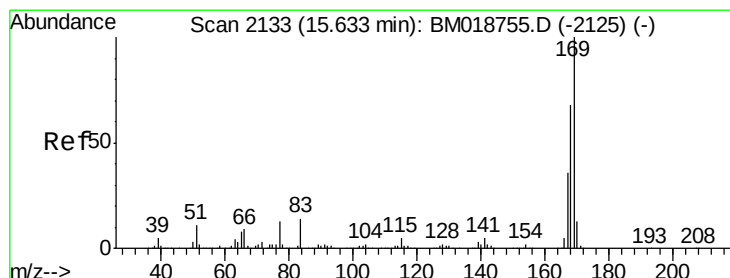
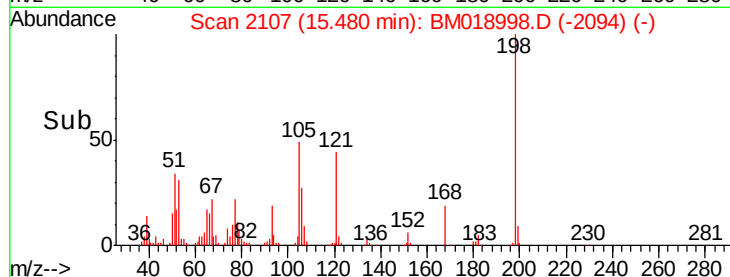
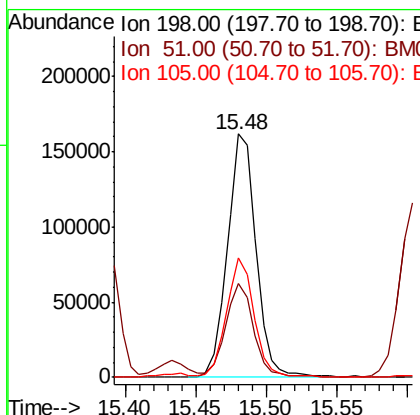
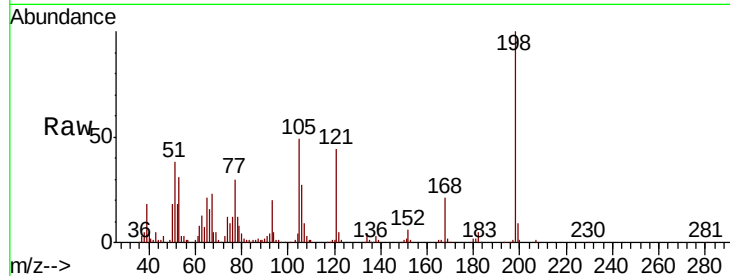
#65
4,6-Dinitro-2-methylphenol
Concen: 22.394 ng
RT: 15.48 min Scan# 2107
Delta R.T. -0.02 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	228028		
51	38.4		18.4	58.4
105	48.9		27.2	67.2

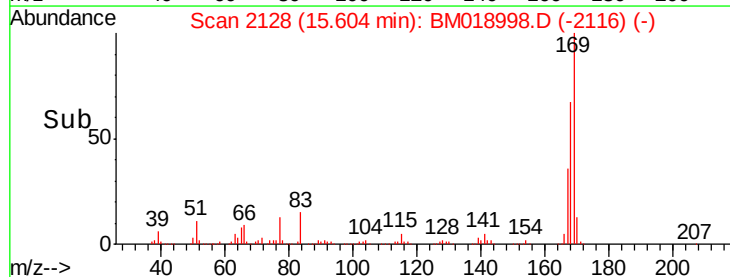
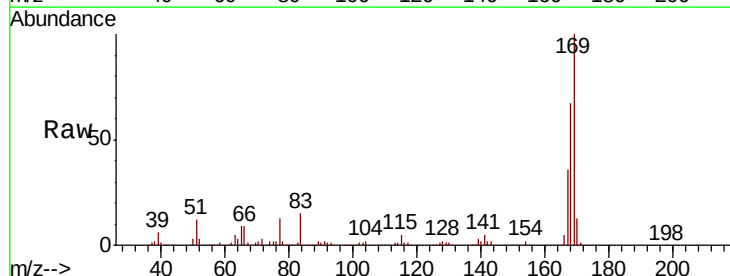
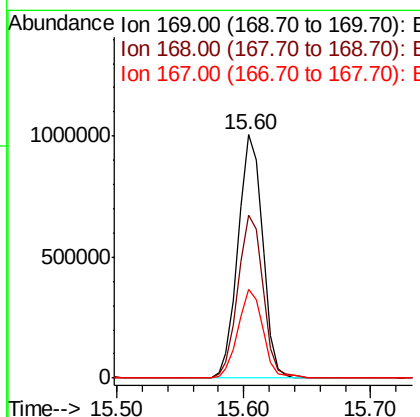
Manual Integrations
APPROVED

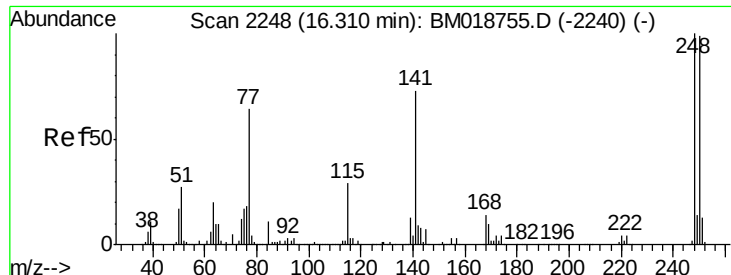
Sohil
3/4/2019 4:53:04 PM



#66
n-Nitrosodiphenylamine
Concen: 29.387 ng
RT: 15.60 min Scan# 2128
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1346501		
168	67.2		54.4	81.6
167	36.3		29.0	43.6





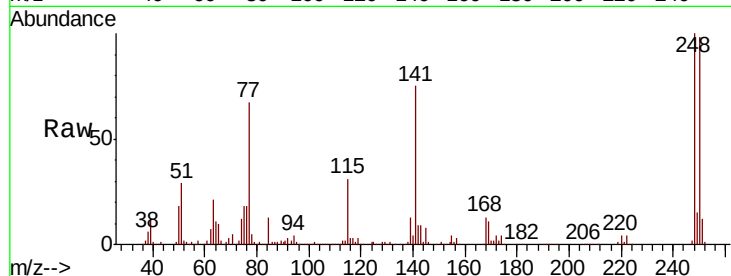
#67
 4-Bromophenyl-phenylether
 Concen: 27.774 ng
 RT: 16.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	79.0	118.6
141	75.0	58.6	88.0

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:53:04 PM

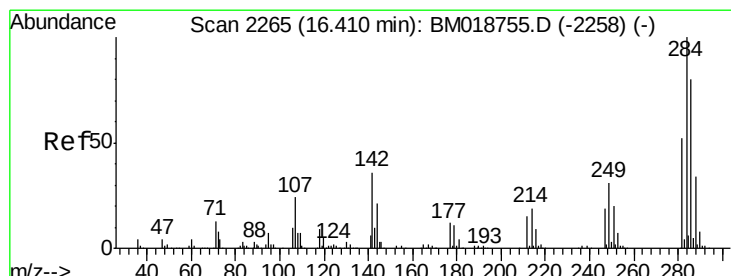
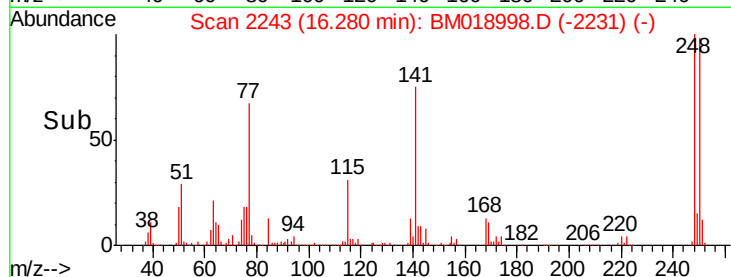
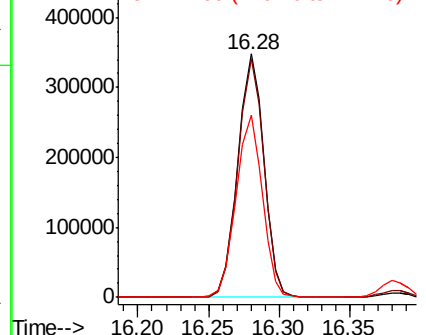


Abundance

Ion 248.00 (247.70 to 248.70): E

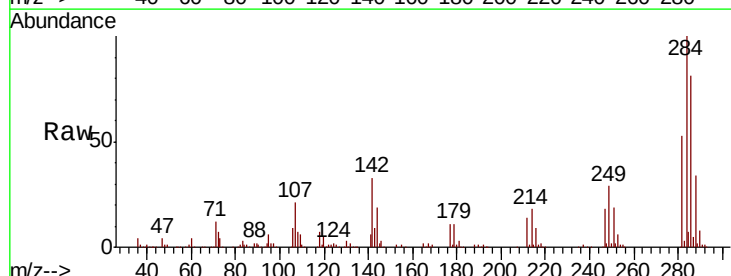
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 27.583 ng
 RT: 16.39 min Scan# 2261
 Delta R.T. -0.02 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	28.9	43.3
249	28.9	24.8	37.2

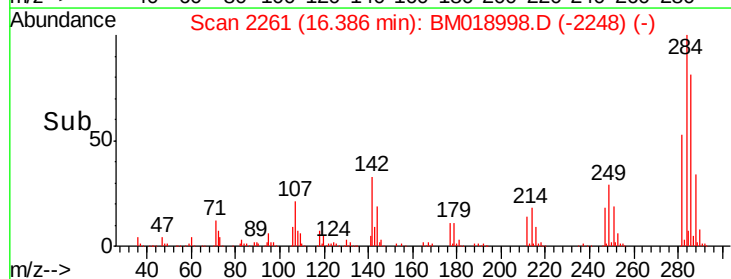
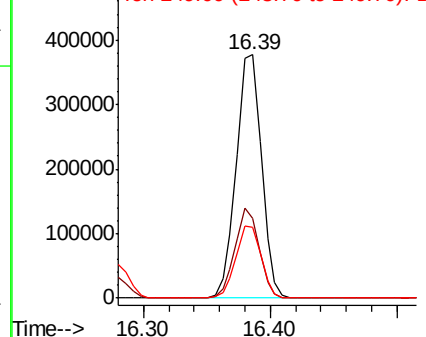


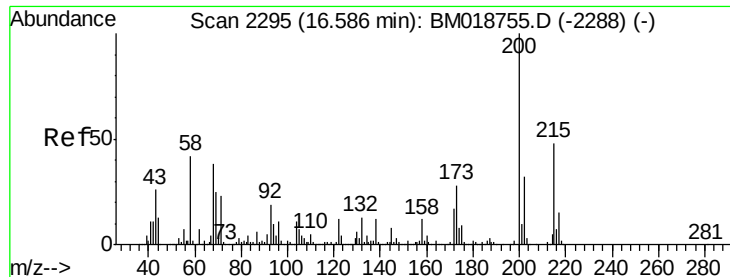
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





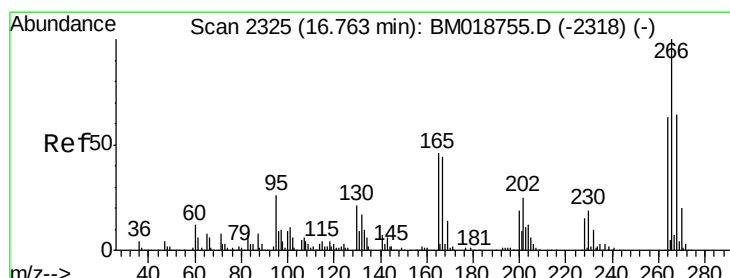
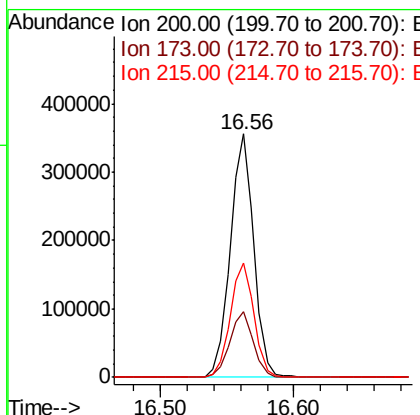
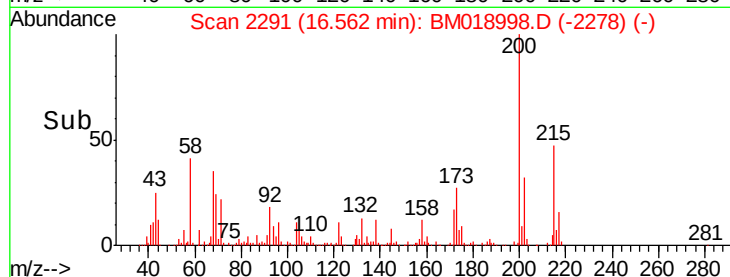
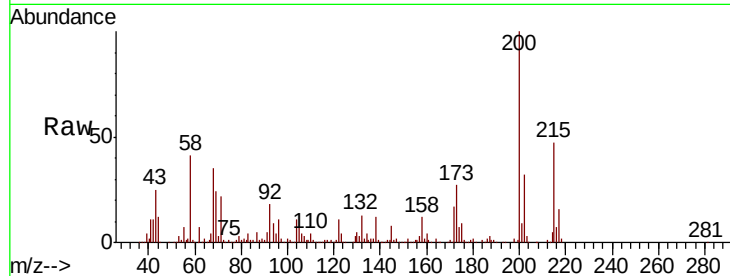
#69
Atrazine
Concen: 29.631 ng
RT: 16.56 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	437708		
173	27.0	7.6	47.6	
215	46.8	27.6	67.6	

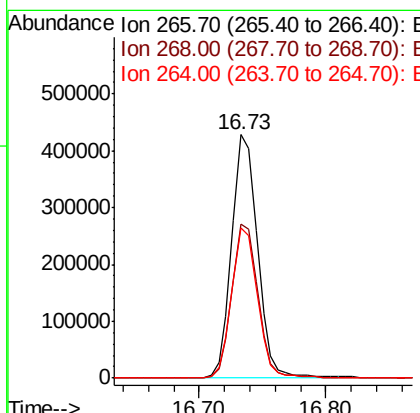
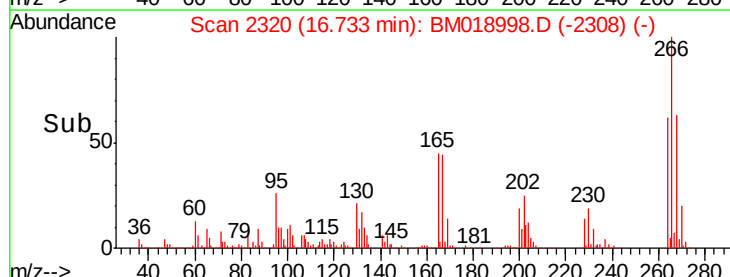
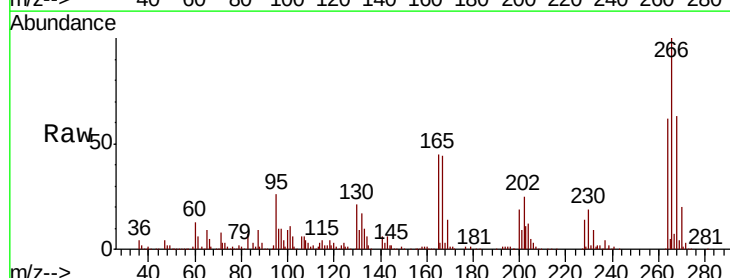
Manual Integrations
APPROVED

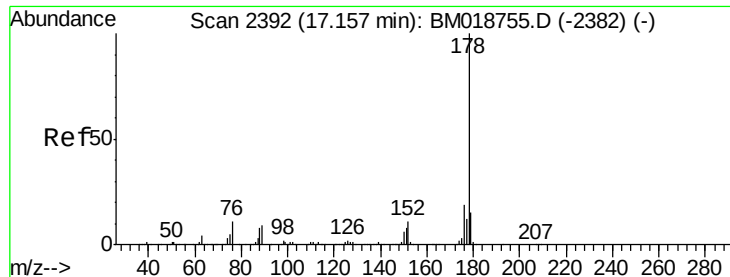
Sohil
3/4/2019 4:53:04 PM



#70
Pentachlorophenol
Concen: 49.709 ng
RT: 16.73 min Scan# 2320
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	603920		
268	63.2	51.3	76.9	
264	61.7	50.6	75.8	





#71

Phenanthrene

Concen: 28.950 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

ClientSampleId :

Z-3-13-BMS

Tot Ion:178 Resp: 2256383

Ion Ratio Lower Upper

178 100

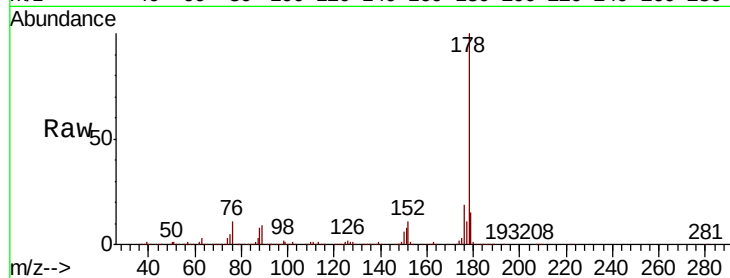
176 18.9 15.4 23.0

179 15.1 12.3 18.5

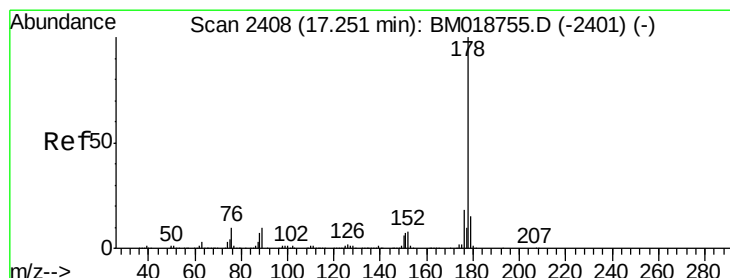
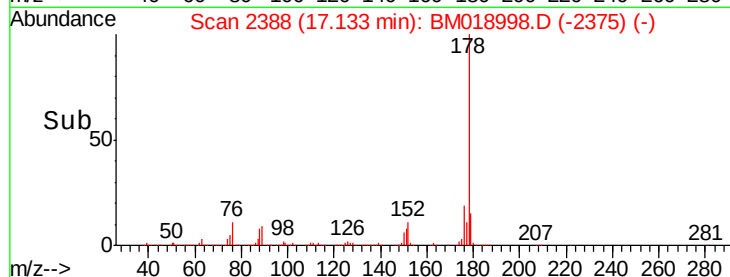
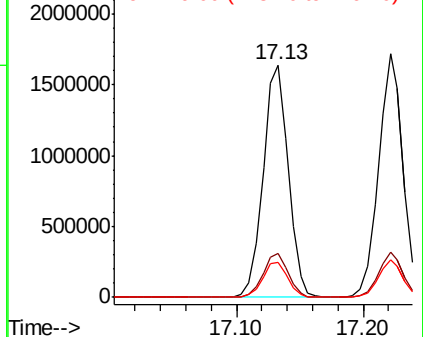
Manual Integrations
APPROVED

Sohil

3/4/2019 4:53:04 PM



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



#72

Anthracene

Concen: 30.216 ng

RT: 17.22 min Scan# 2403

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

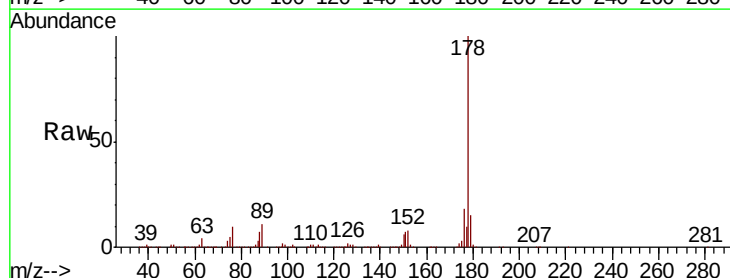
Tgt Ion:178 Resp: 2292236

Ion Ratio Lower Upper

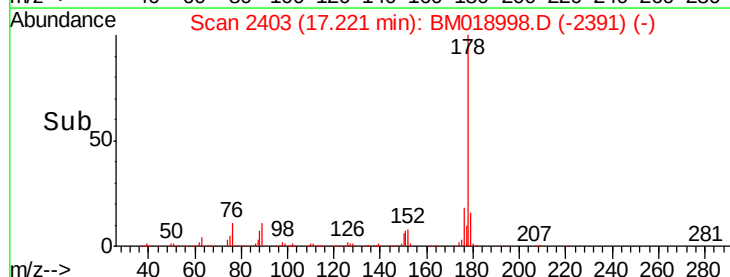
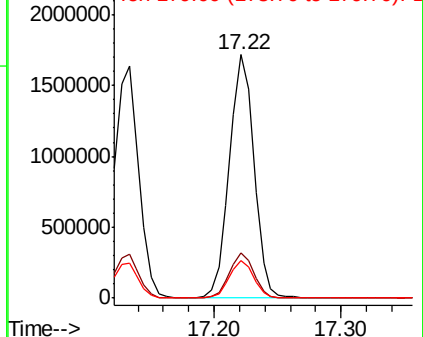
178 100

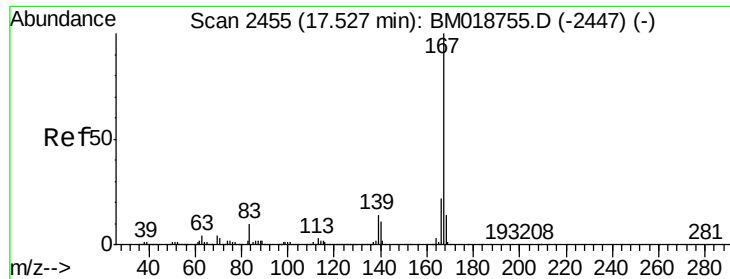
176 18.4 14.8 22.2

179 15.4 12.1 18.1



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





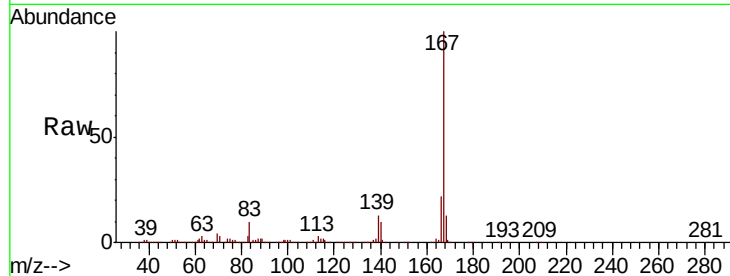
#73
 Carbazole
 Concen: 25.179 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	12.8	10.9	16.3

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:53:04 PM

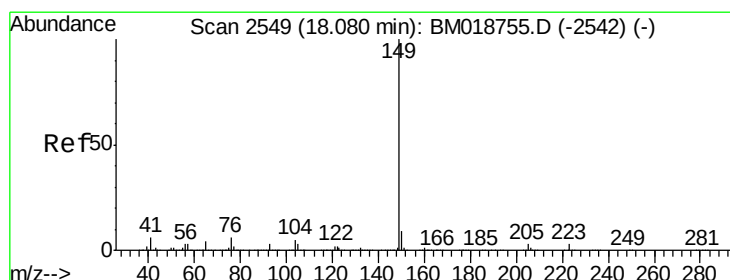
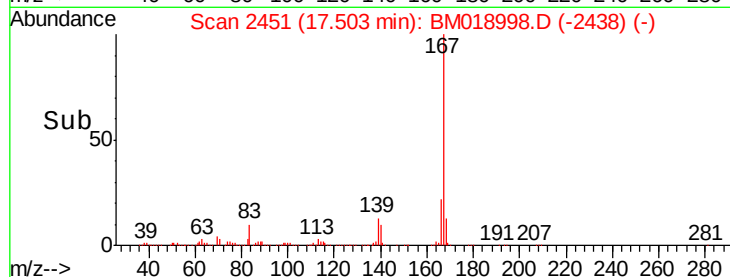
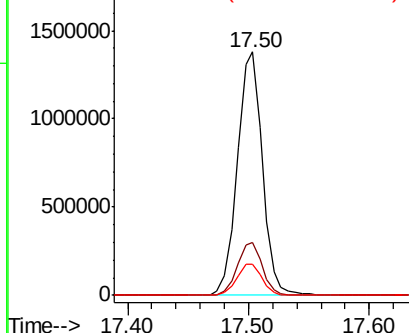


Abundance

Ion 167.00 (166.70 to 167.70): E

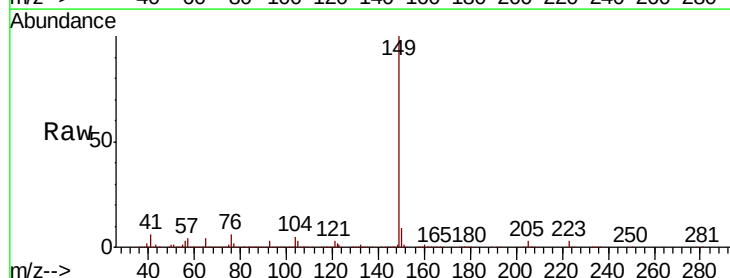
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 28.270 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.03 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.5	4.3	6.5

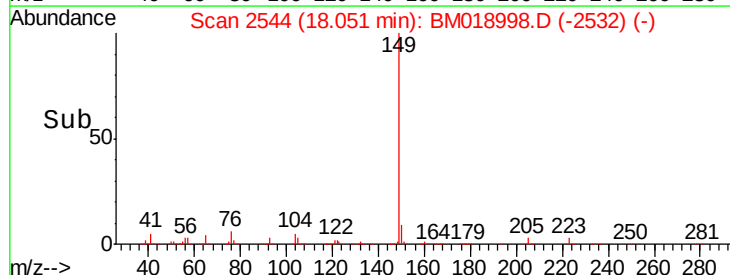
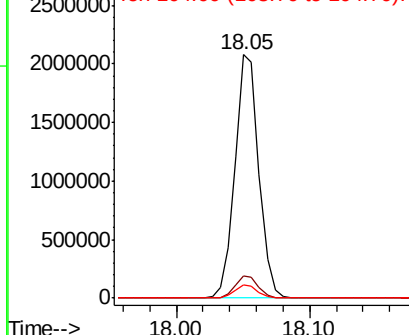


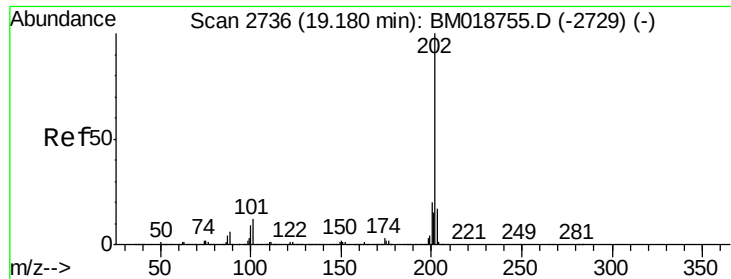
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 25.119 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

ClientSampleId :

Z-3-13-BMS

Tot Ion:202 Resp: 2261493

Ion Ratio Lower Upper

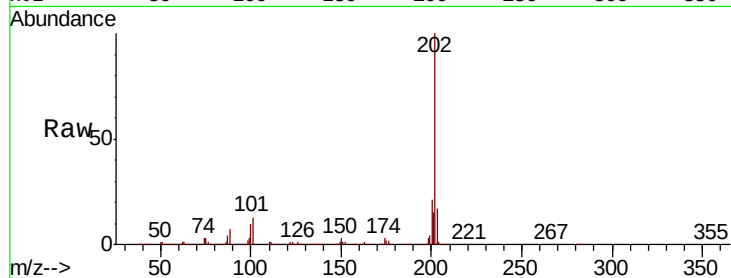
202 100

101 13.1 0.0 31.5

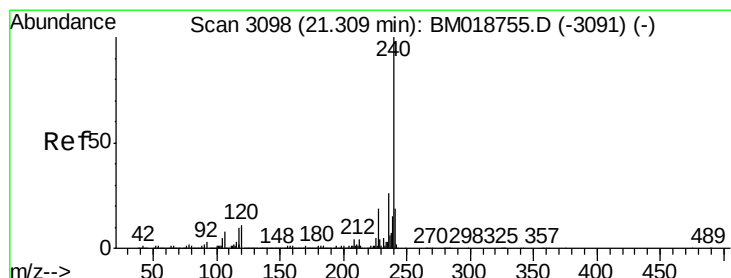
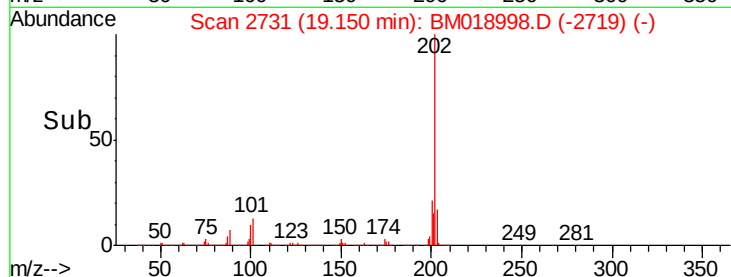
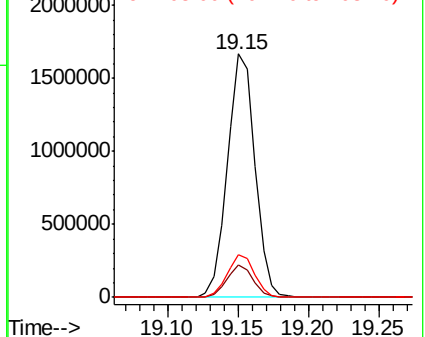
203 17.4 0.0 37.3

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

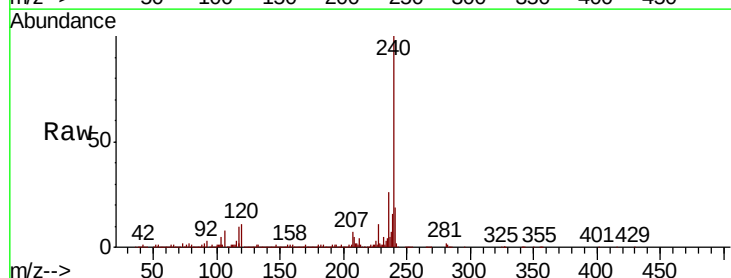
Tgt Ion:240 Resp: 1109955

Ion Ratio Lower Upper

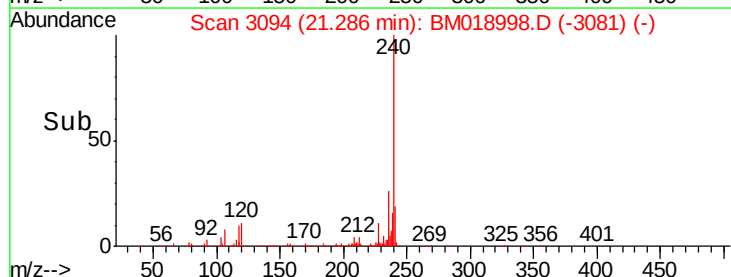
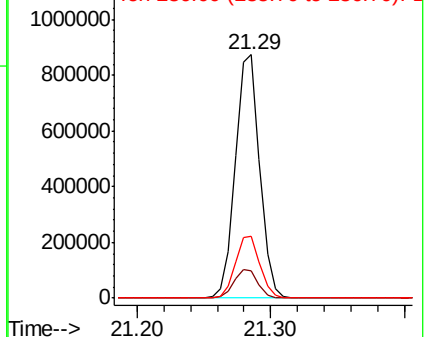
240 100

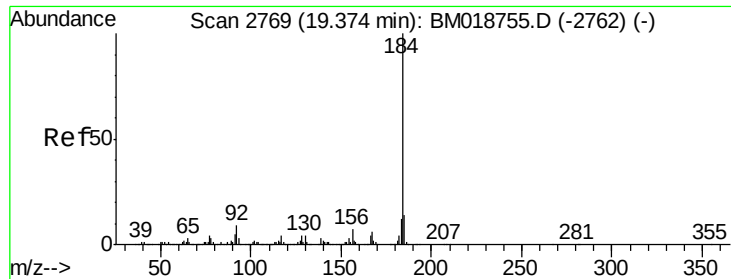
120 11.0 8.9 13.3

236 25.6 20.9 31.3



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





#77

Benzidine

Concen: 38.359 ng

RT: 19.36 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

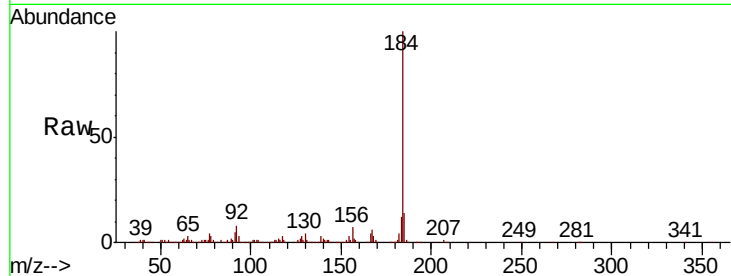
ClientSampleId :

Z-3-13-BMS

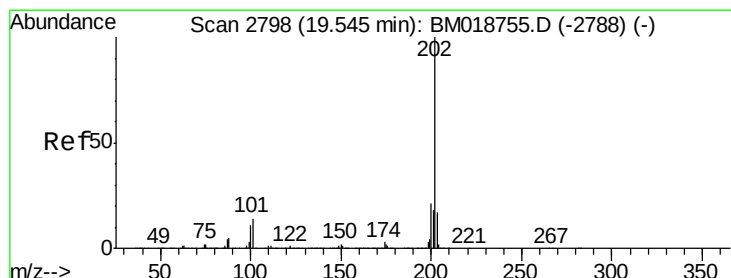
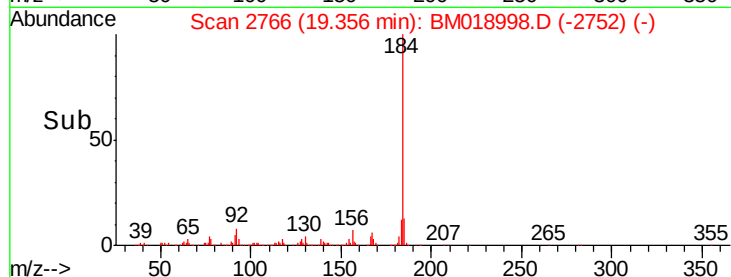
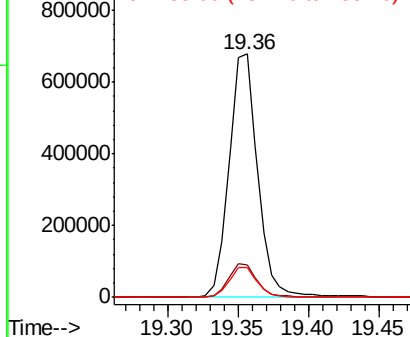
Tot Ion:	184	Resp:	958884
Ion Ratio	Lower	Upper	
184	100		
185	13.5	11.2	16.8
183	12.0	9.7	14.5

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 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: 34.969 ng

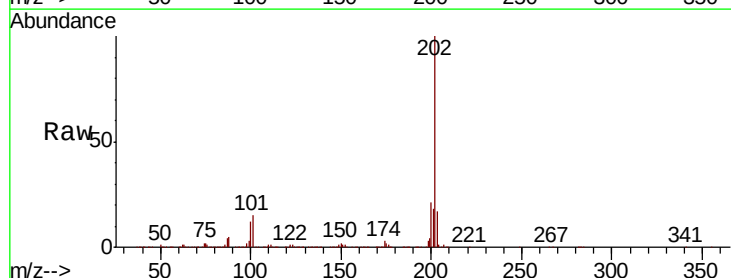
RT: 19.52 min Scan# 2793

Delta R.T. -0.03 min

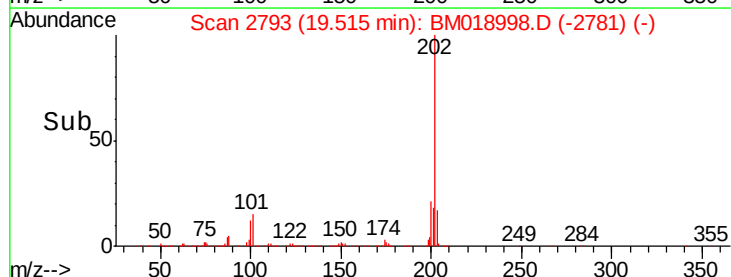
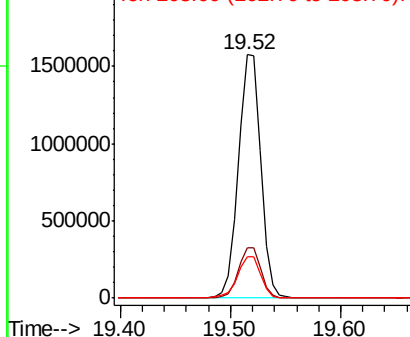
Lab File: BM018998.D

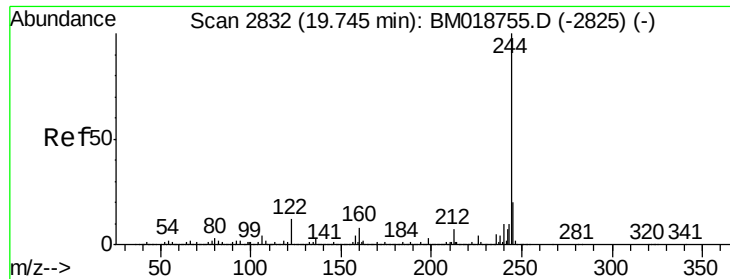
Acq: 01 Mar 2019 21:56

Tgt Ion:	202	Resp:	2254275
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.9	25.3
203	17.3	13.8	20.8



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





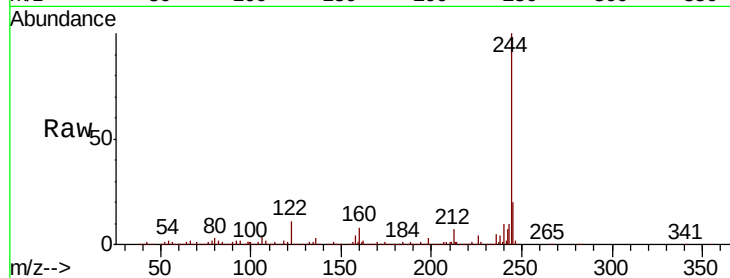
#79
 Terphenyl-d14
 Concen: 63.635 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.02 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Instrument :
 BNA_M
 ClientSampleId :
 Z-3-13-BMS

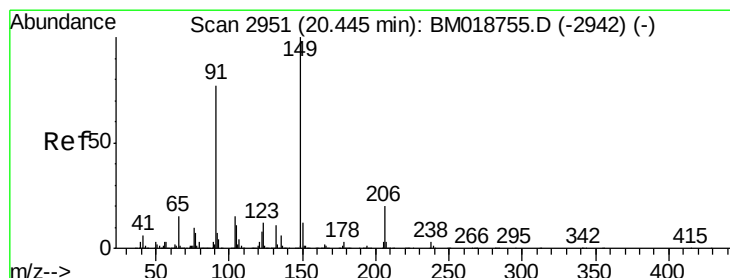
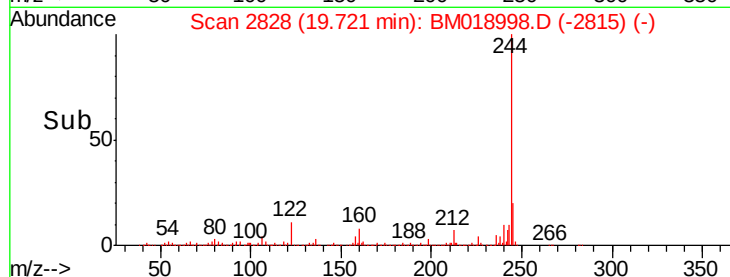
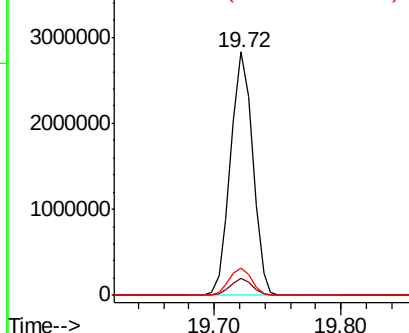
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.3	9.3	13.9

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:53:04 PM

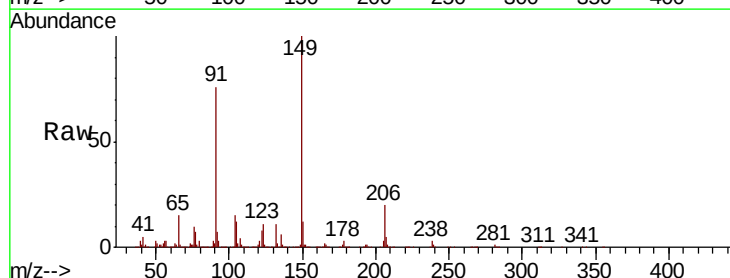


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

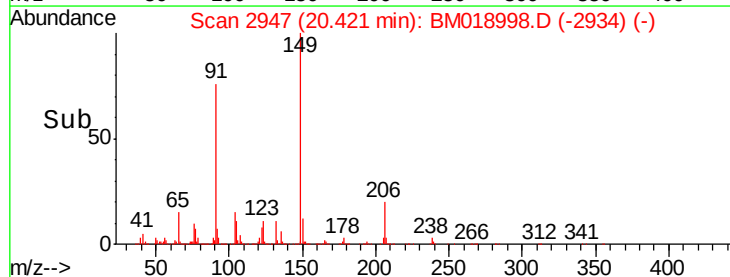
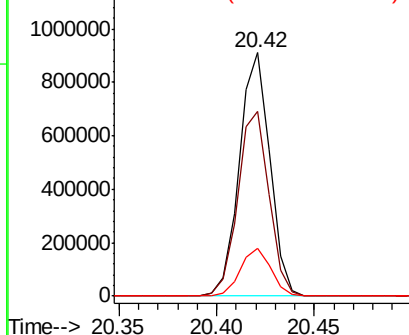


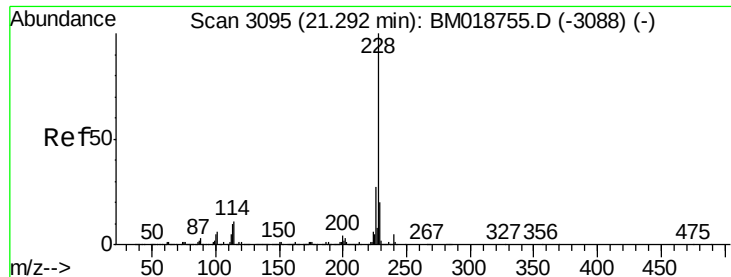
#80
 Butylbenzylphthalate
 Concen: 33.608 ng
 RT: 20.42 min Scan# 2947
 Delta R.T. -0.02 min
 Lab File: BM018998.D
 Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.7	61.4	92.0
206	19.8	15.8	23.8



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: 28.432 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

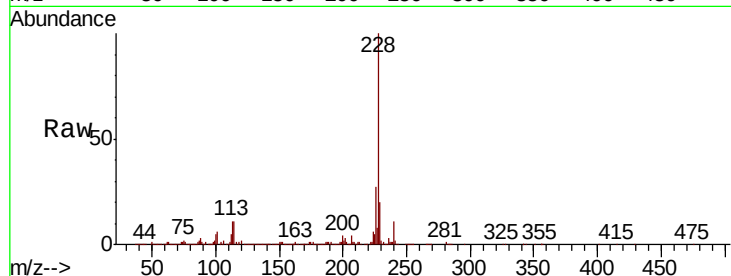
ClientSampled :

Z-3-13-BMS

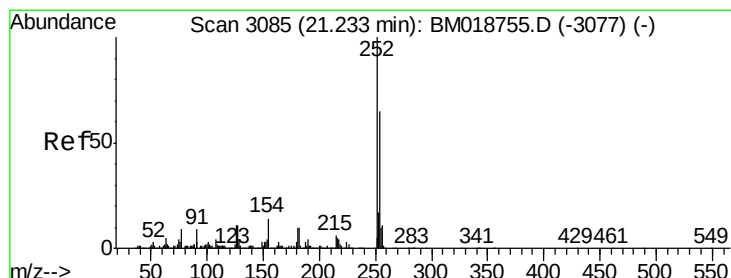
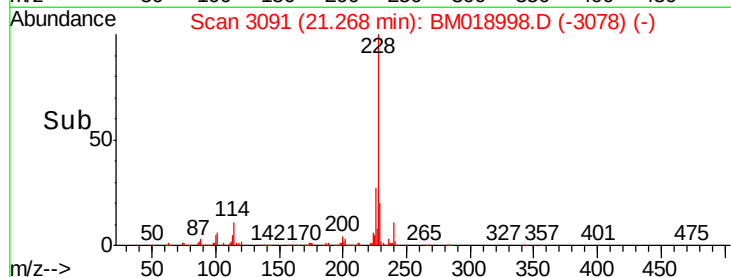
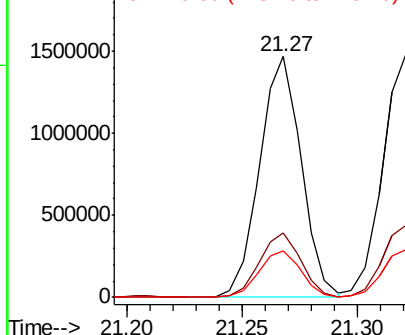
Tot Ion:	228	Resp:	1839581
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.9	32.9
229	19.5	15.9	23.9

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM



Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.087 ng

RT: 21.21 min Scan# 3081

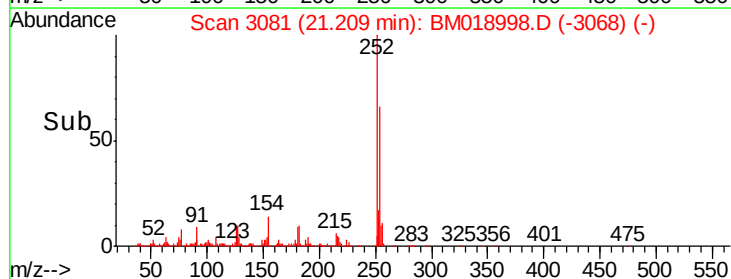
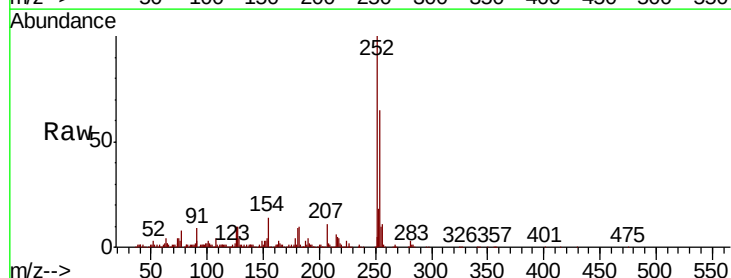
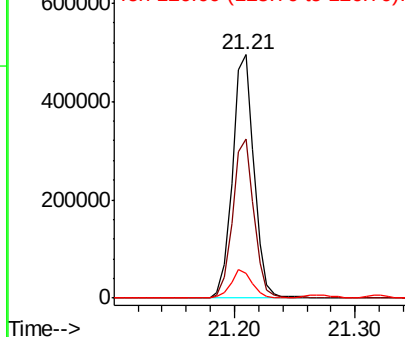
Delta R.T. -0.02 min

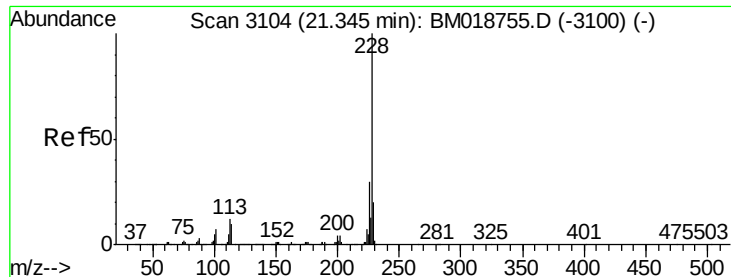
Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Tgt Ion:	252	Resp:	615933
Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.8	77.8
126	10.4	9.1	13.7

Abundance Ion 252.00 (251.70 to 252.70): E
600000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





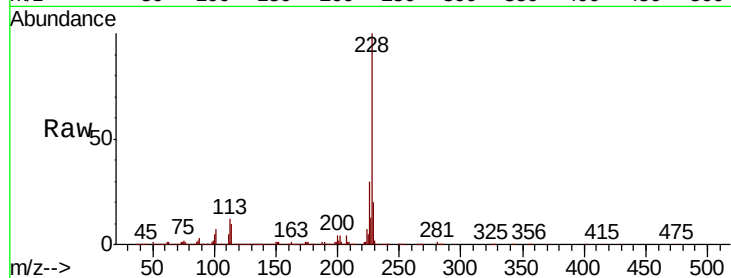
#83
Chrysene
Concen: 28.706 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.8	16.0	24.0

Manual Integrations
APPROVED

Sohil
3/4/2019 4:53:04 PM

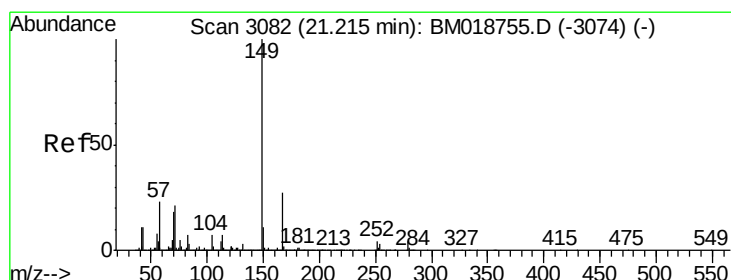
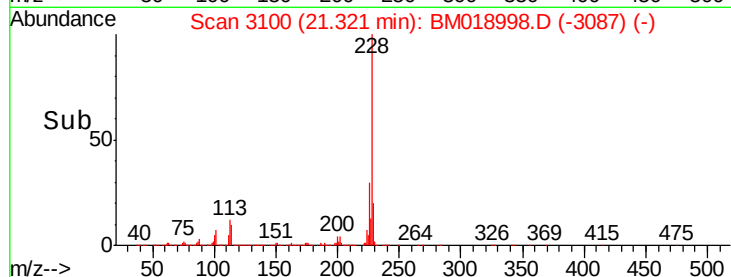
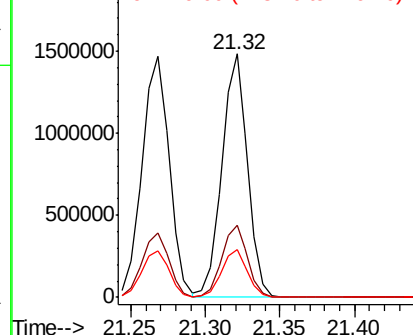


Abundance

Ion 228.00 (227.70 to 228.70): E

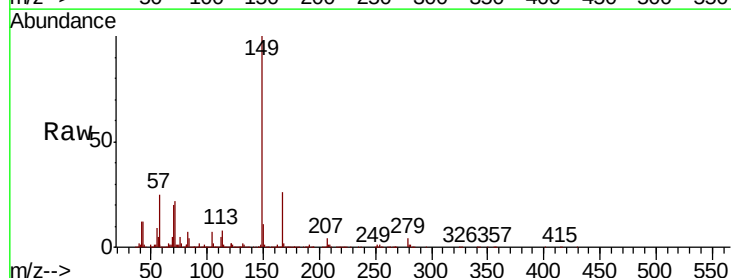
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 32.195 ng
RT: 21.19 min Scan# 3077
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.8	32.6
279	4.0	3.6	5.4

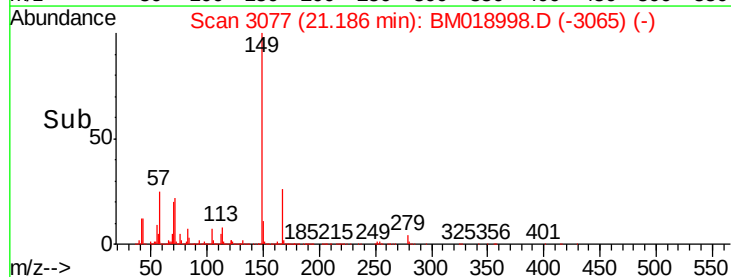
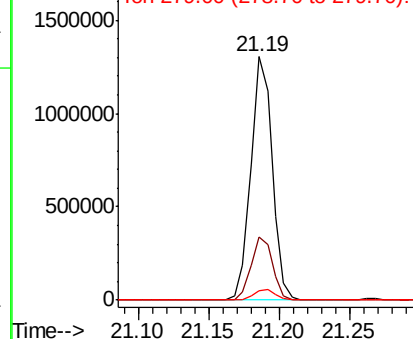


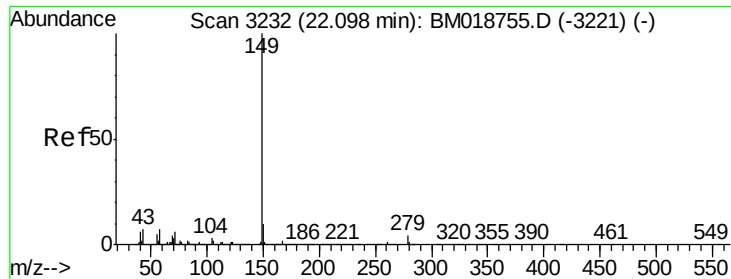
Abundance

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





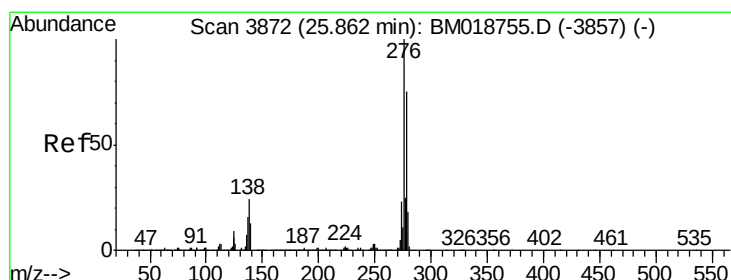
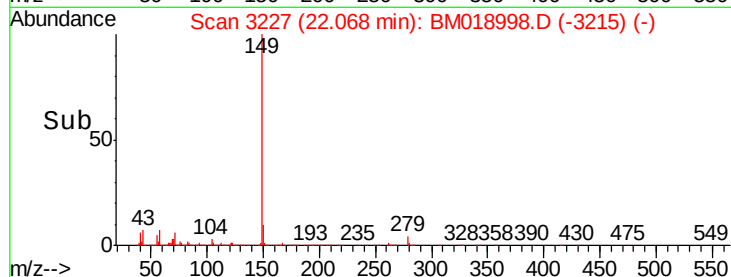
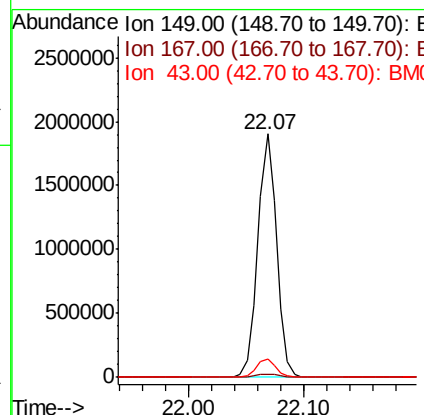
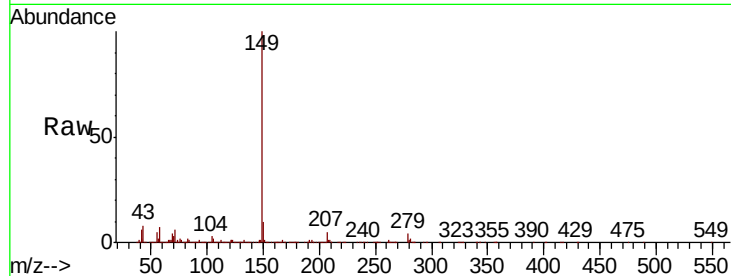
#85
Di-n-octyl phthalate
Concen: 29.765 ng
RT: 22.07 min Scan# 3227
Delta R.T. -0.03 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampled :
Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	6.0	9.0

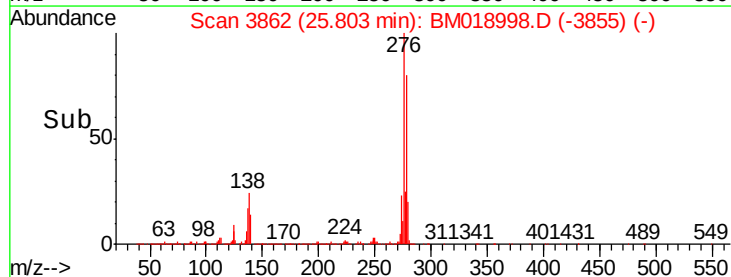
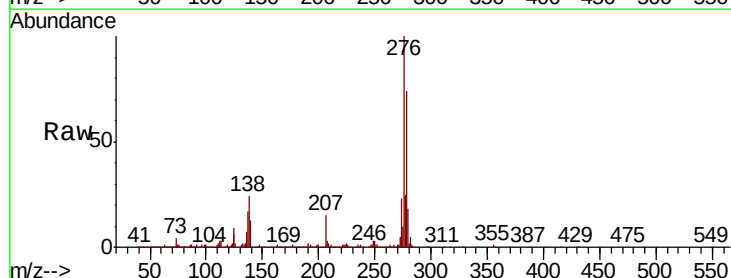
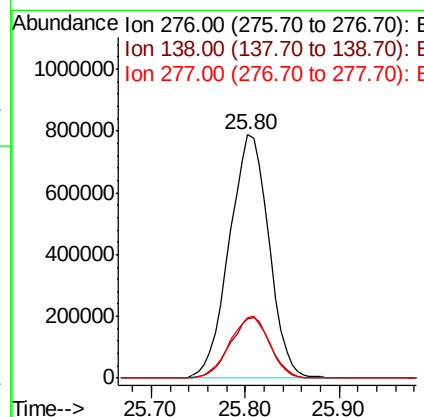
Manual Integrations
APPROVED

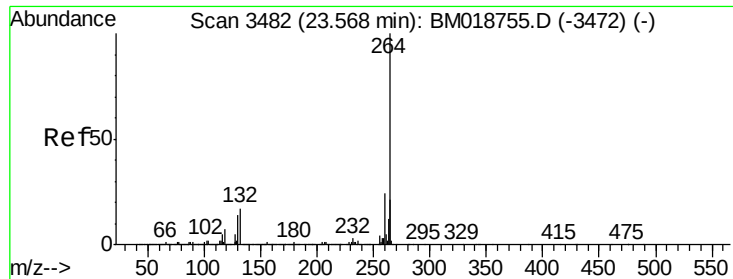
Sohil
3/4/2019 4:53:04 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 31.845 ng
RT: 25.80 min Scan# 3862
Delta R.T. -0.06 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.4
277	25.6	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

ClientSampleId :

Z-3-13-BMS

Tot Ion:264 Resp: 1140653

Ion Ratio Lower Upper

264 100

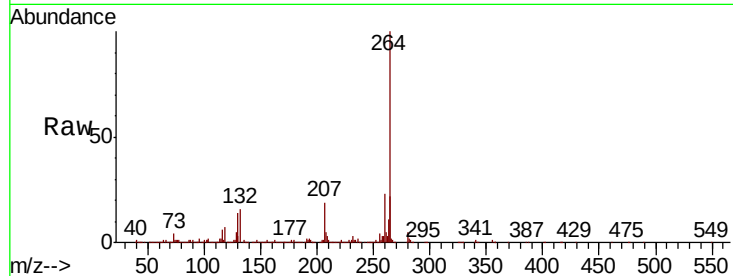
260 23.2 18.9 28.3

265 21.7 17.3 25.9

Manual Integrations
APPROVED

Sohil

3/4/2019 4:53:04 PM

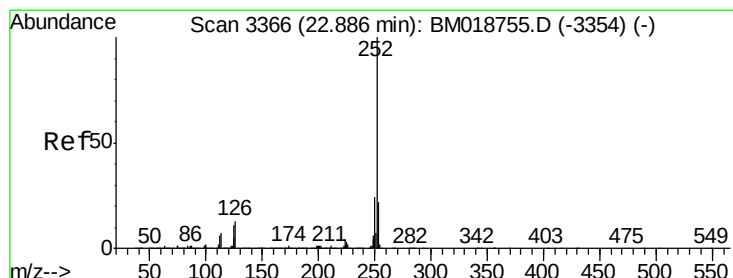
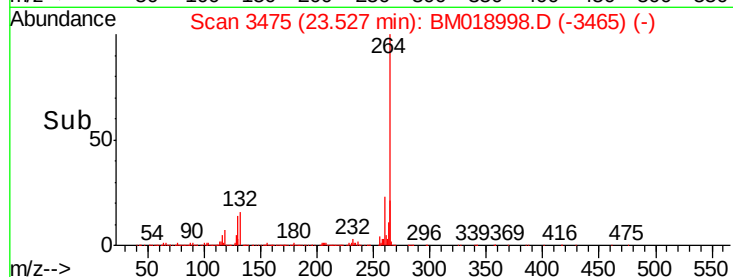
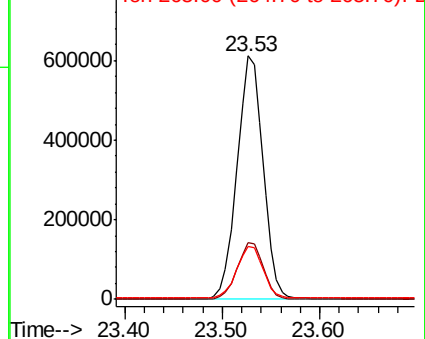


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 29.026 ng

RT: 22.85 min Scan# 3360

Delta R.T. -0.04 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

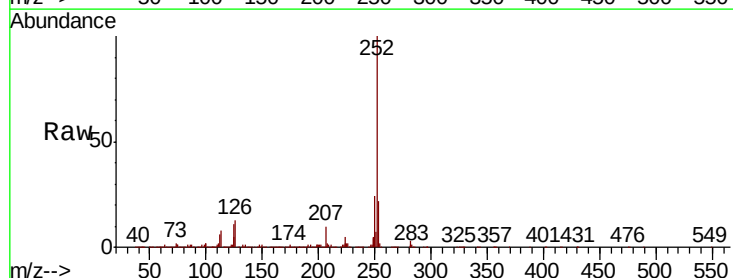
Tgt Ion:252 Resp: 1894242

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 10.7 8.6 12.8

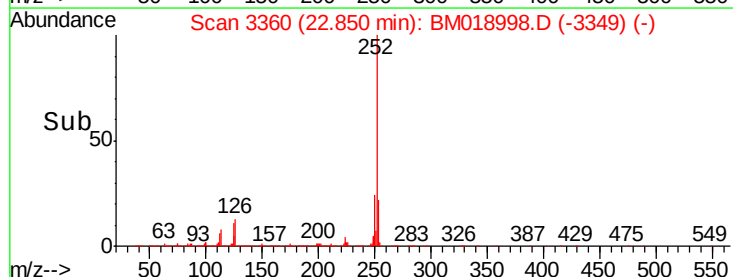
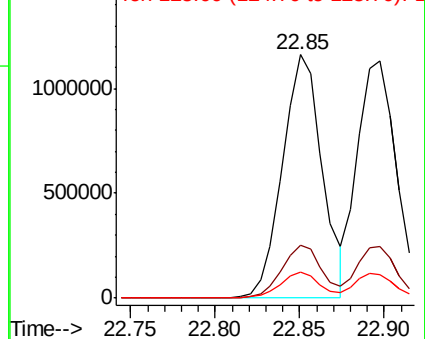


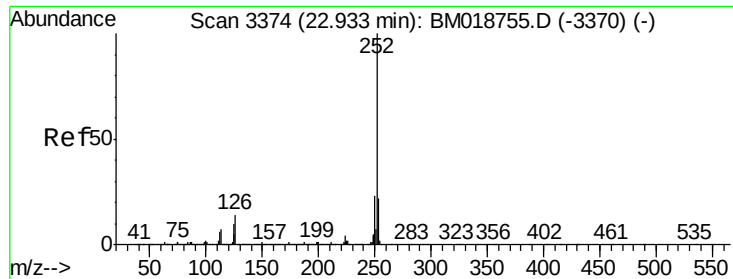
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





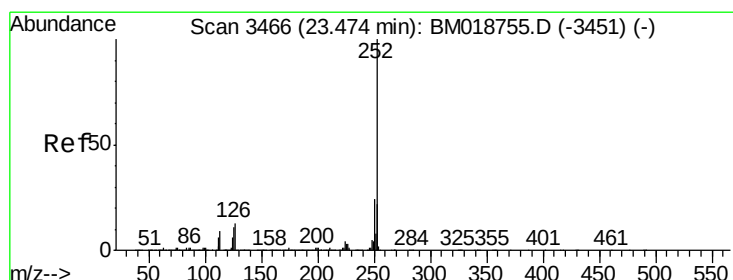
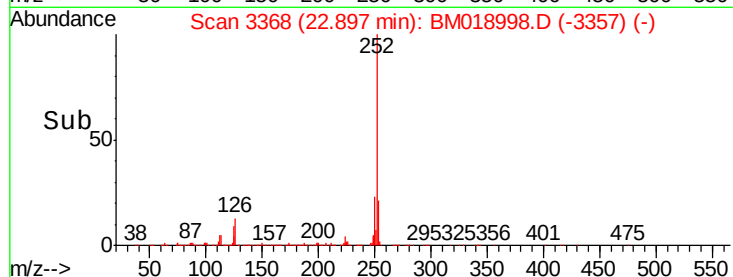
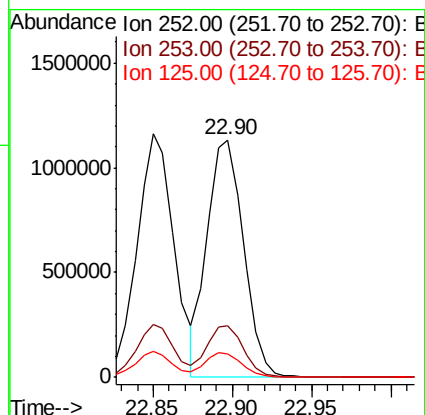
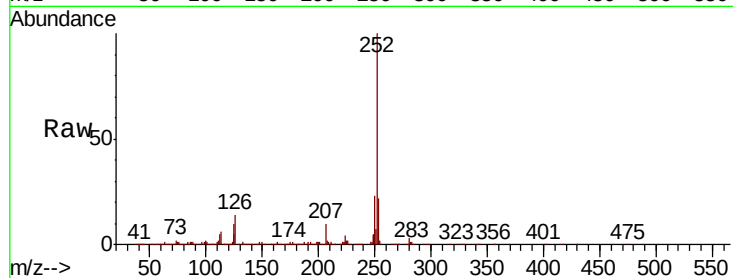
#89
Benzo(k)fluoranthene
Concen: 27.824 ng
RT: 22.90 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Instrument :
BNA_M
ClientSampleId :
Z-3-13-BMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.1	8.2	12.4

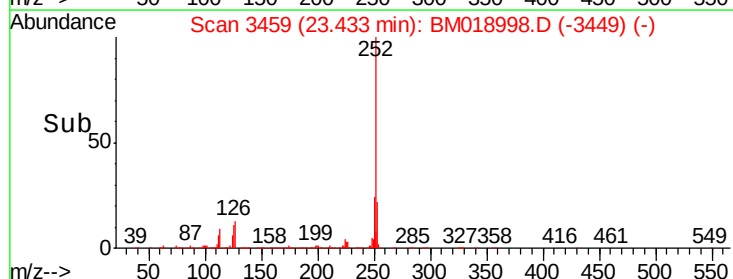
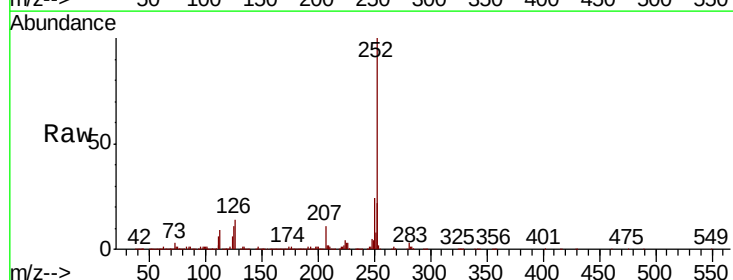
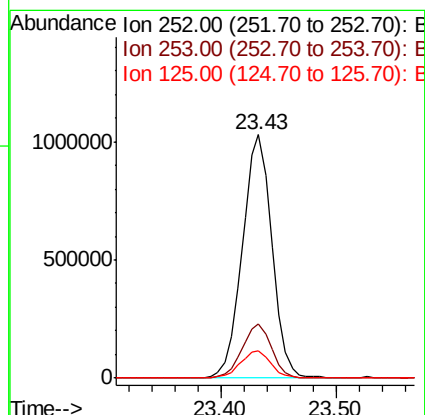
Manual Integrations
APPROVED

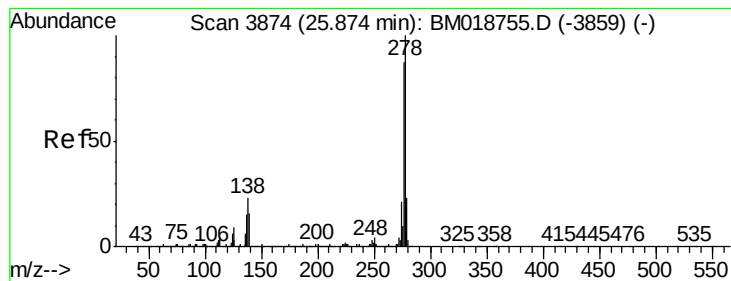
Sohil
3/4/2019 4:53:04 PM



#90
Benzo(a)pyrene
Concen: 29.486 ng
RT: 23.43 min Scan# 3459
Delta R.T. -0.04 min
Lab File: BM018998.D
Acq: 01 Mar 2019 21:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.4	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 31.955 ng

RT: 25.81 min Scan# 3864

Delta R.T. -0.06 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

Instrument :

BNA_M

ClientSampled :

Z-3-13-BMS

Tot Ion:278 Resp: 1957274

Ion Ratio Lower Upper

278 100

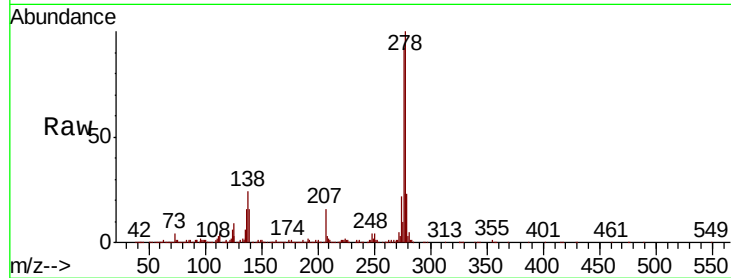
139 16.4 12.6 18.8

279 23.4 18.6 28.0

Manual Integrations
APPROVED

Sohil

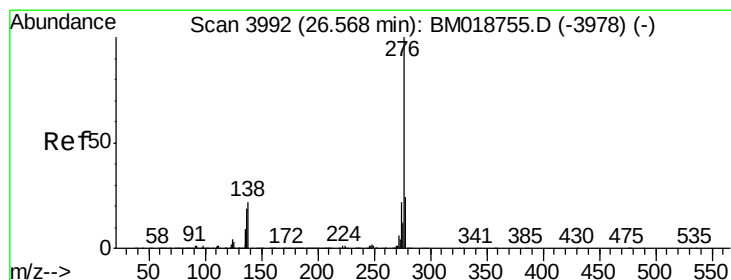
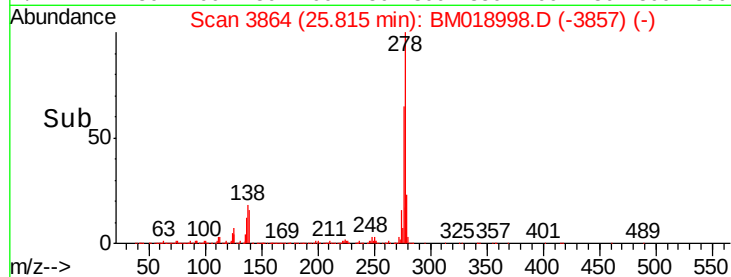
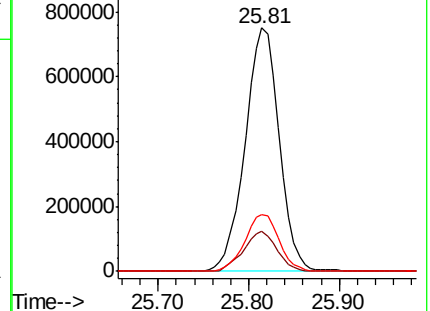
3/4/2019 4:53:04 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 33.166 ng

RT: 26.50 min Scan# 3981

Delta R.T. -0.07 min

Lab File: BM018998.D

Acq: 01 Mar 2019 21:56

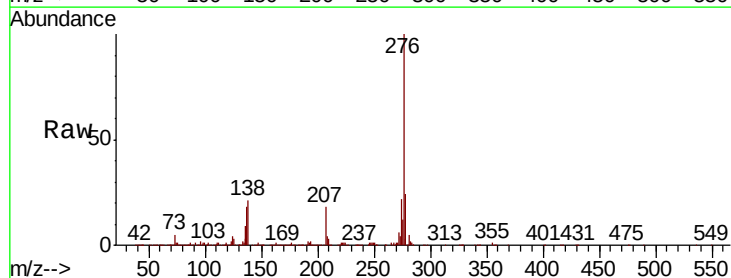
Tgt Ion:276 Resp: 1891213

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 21.2 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

