

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017684.D
 Acq On : 16 Nov 2018 17:19
 Operator : MJ/SJ
 Sample : PB114860BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Manual Integrations
 APPROVED

Sohil
 11/19/2018 3:07:35 PM

Quant Time: Nov 16 22:39:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	202114	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	913300	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	559987	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1300263	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1384794	20.00	ng	0.00
87) Perylene-d12	23.40	264	1177348	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1286849	107.45	ng	0.00
7) Phenol-d6	6.80	99	1740525	104.06	ng	0.00
23) Nitrobenzene-d5	8.77	82	1642369	92.84	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	837457	104.08	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4153916	96.23	ng	0.00
79) Terphenyl-d14	19.65	244	5671680	92.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	161438	32.367	ng	97
3) Pyridine	3.60	79	507843	34.711	ng	93
4) n-Nitrosodimethylamine	3.53	42	288205	44.719	ng	100
6) Aniline	6.96	93	424356	20.459	ng	98
8) 2-Chlorophenol	7.18	128	670825	46.804	ng	96
9) Benzaldehyde	6.77	77	323287	26.532	ng	99
10) Phenol	6.83	94	828899	47.213	ng	99
11) bis(2-Chloroethyl)ether	7.05	93	569210	41.070	ng	99
12) 1,3-Dichlorobenzene	7.50	146	648745	40.344	ng	98
13) 1,4-Dichlorobenzene	7.65	146	665276	40.363	ng	99
14) 1,2-Dichlorobenzene	7.96	146	648314	40.565	ng	99
15) Benzyl Alcohol	7.86	79	598485	44.930	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	770093	36.494	ng	97
17) 2-Methylphenol	8.06	107	562208	47.536	ng	99
18) Hexachloroethane	8.67	117	241323	41.542	ng	96
19) n-Nitroso-di-n-propylamine	8.42	70	508549	42.344	ng	98
20) 3+4-Methylphenols	8.39	107	772168	46.990	ng	99
22) Acetophenone	8.43	105	968689	42.497	ng	# 98
24) Nitrobenzene	8.81	77	757986	42.230	ng	100
25) Isophorone	9.33	82	1346117	49.265	ng	99
26) 2-Nitrophenol	9.51	139	359123	43.437	ng	98
27) 2,4-Dimethylphenol	9.57	122	633520	53.169	ng	100
28) bis(2-Chloroethoxy)methane	9.81	93	834385	45.087	ng	97
29) 2,4-Dichlorophenol	10.04	162	674857	48.791	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	671534	41.744	ng	96
31) Naphthalene	10.43	128	2041895	45.472	ng	99
32) Benzoic acid	9.75	122	455498m	42.201	ng	
33) 4-Chloroaniline	10.56	127	136213	6.927	ng	97
34) Hexachlorobutadiene	10.70	225	395422	39.594	ng	99
35) Caprolactam	11.36	113	214346m	42.081	ng	
36) 4-Chloro-3-methylphenol	11.69	107	758181	47.477	ng	100
37) 2-Methylnaphthalene	12.05	142	1560598	49.173	ng	98
38) 1-Methylnaphthalene	12.27	142	1490987	47.914	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	795330	40.277	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017684.D
 Acq On : 16 Nov 2018 17:19
 Operator : MJ/SJ
 Sample : PB114860BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Manual Integrations
 APPROVED

Sohil
 11/19/2018 3:07:35 PM

Quant Time: Nov 16 22:39:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1007579	98.746	ng	100
43) 2,4,6-Trichlorophenol	12.67	196	575585	46.536	ng	99
44) 2,4,5-Trichlorophenol	12.75	196	615523	47.131	ng	98
46) 1,1'-Biphenyl	13.08	154	2042139	40.627	ng	100
47) 2-Chloronaphthalene	13.12	162	1594880	42.748	ng	99
48) 2-Nitroaniline	13.34	65	512371	44.407	ng	97
49) Acenaphthylene	13.97	152	2659389	47.443	ng	100
50) Dimethylphthalate	13.73	163	2066529	45.389	ng	99
51) 2,6-Dinitrotoluene	13.85	165	462663	45.636	ng	98
52) Acenaphthene	14.32	154	1539226	44.744	ng	100
53) 3-Nitroaniline	14.18	138	180430	16.346	ng	98
54) 2,4-Dinitrophenol	14.39	184	555620	88.898	ng	99
55) Dibenzofuran	14.66	168	2508194	44.615	ng	99
56) 4-Nitrophenol	14.50	139	799958	85.836	ng	99
57) 2,4-Dinitrotoluene	14.64	165	665608	48.705	ng	98
58) Fluorene	15.31	166	2090689	48.577	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.89	232	591499	49.242	ng	98
60) Diethylphthalate	15.10	149	2142835	43.559	ng	99
61) 4-Chlorophenyl-phenylether	15.31	204	1053035	43.065	ng	98
62) 4-Nitroaniline	15.36	138	443283	42.612	ng	99
63) Azobenzene	15.60	77	2075771	45.646	ng	98
65) 4,6-Dinitro-2-methylphenol	15.41	198	383328	42.556	ng	97
66) n-Nitrosodiphenylamine	15.53	169	1846803	44.177	ng	100
67) 4-Bromophenyl-phenylether	16.20	248	662326	43.069	ng	97
68) Hexachlorobenzene	16.31	284	736589	42.489	ng	100
69) Atrazine	16.50	200	681752	44.339	ng	98
70) Pentachlorophenol	16.66	266	945036	77.800	ng	99
71) Phenanthrene	17.05	178	3340642	47.348	ng	99
72) Anthracene	17.14	178	3403517	49.573	ng	99
73) Carbazole	17.42	167	3071224	44.269	ng	99
74) Di-n-butylphthalate	17.99	149	3714508	48.097	ng	99
75) Fluoranthene	19.08	202	3879345	48.595	ng	99
77) Benzidine	19.28	184	1258326	27.904	ng	99
78) Pyrene	19.44	202	3993736	46.741	ng	100
80) Butylbenzylphthalate	20.36	149	1683189	48.502	ng	98
81) Benzo(a)anthracene	21.20	228	3781799	47.403	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	694272	22.548	ng	99
83) Chrysene	21.25	228	3550396	45.819	ng	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2383495	46.459	ng	99
85) Di-n-octyl phthalate	22.00	149	4032259	49.084	ng	98
86) Indeno(1,2,3-cd)pyrene	25.59	276	3189698	51.512	ng	99
88) Benzo(b)fluoranthene	22.75	252	3485090	50.546	ng	99
89) Benzo(k)fluoranthene	22.80	252	3240033	46.492	ng	99
90) Benzo(a)pyrene	23.31	252	3133780	49.847	ng	99
91) Dibenzo(a,h)anthracene	25.60	278	2694226	50.976	ng	99
92) Benzo(g,h,i)perylene	26.26	276	2586853	52.048	ng	99

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

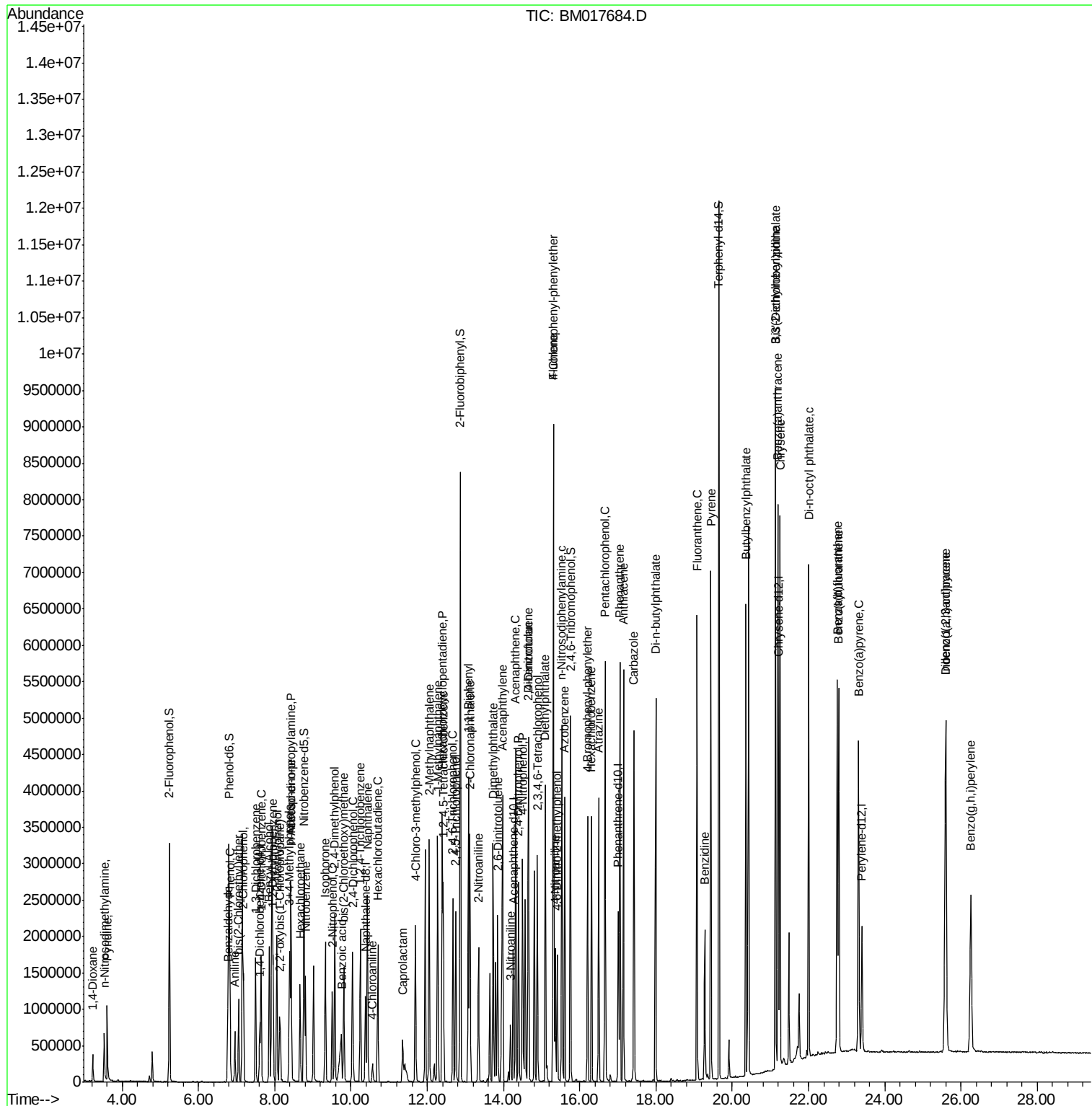
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
Data File : BM017684.D
Acq On : 16 Nov 2018 17:19
Operator : MJ/SJ
Sample : PB114860BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

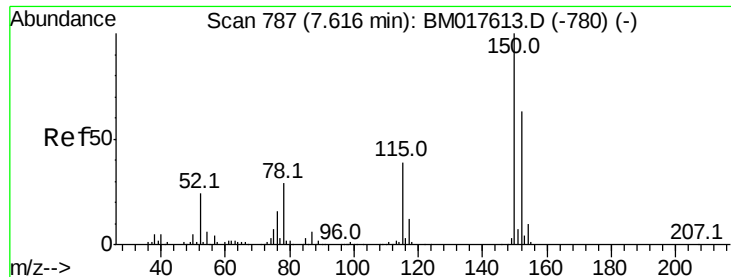
Instrument :
BNA_M
ClientSampleId :
PB114860BS

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM

Quant Time: Nov 16 22:39:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 12 18:37:25 2018
Response via : Initial Calibration





#1

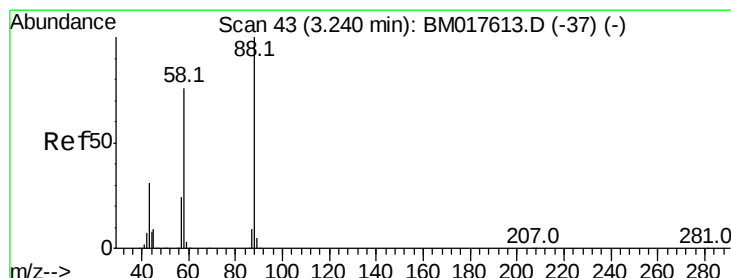
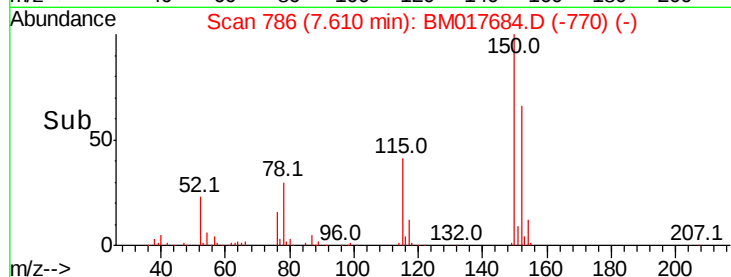
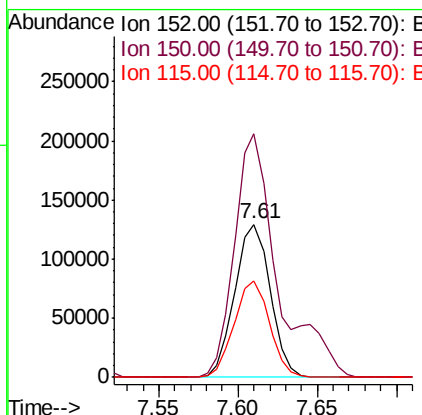
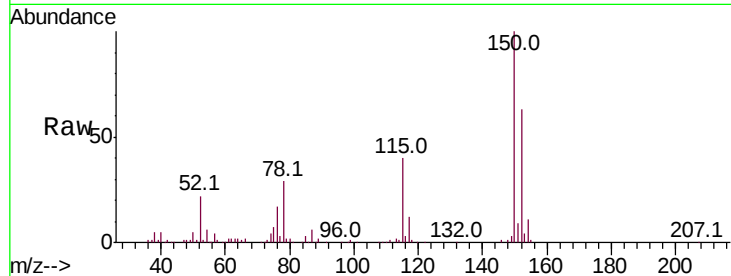
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampled :
PB114860BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.4	189.6
115	62.9	49.4	74.0

Manual Integrations
APPROVED

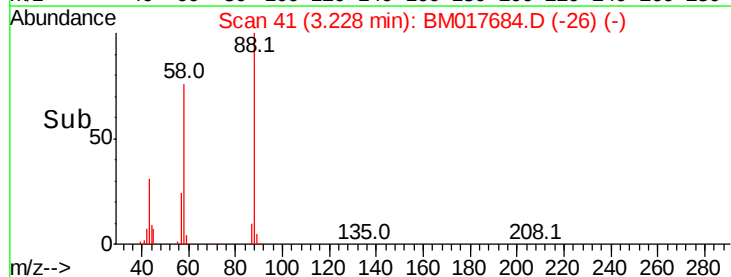
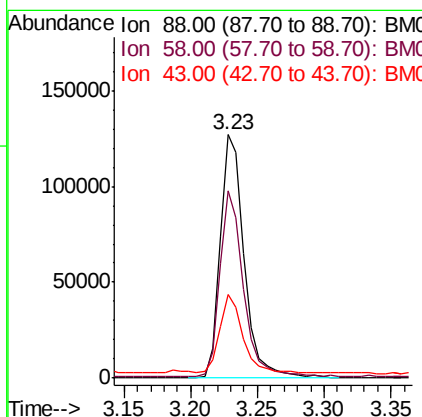
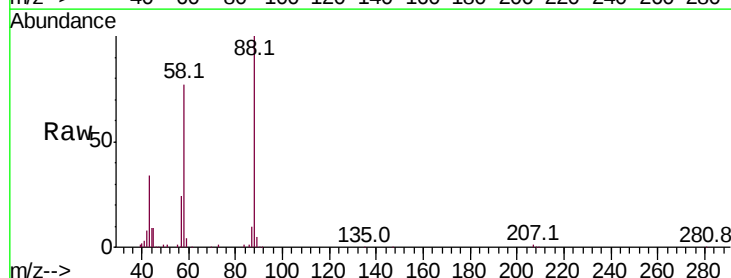
Sohil
11/19/2018 3:07:35 PM

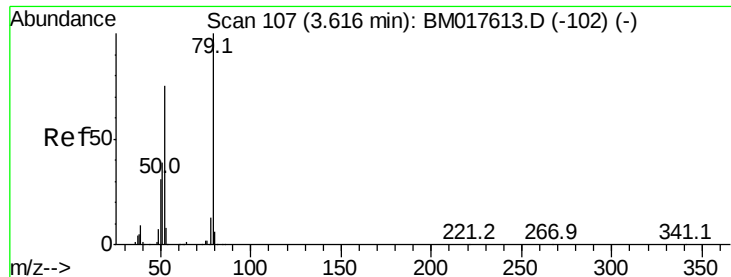


#2

1,4-Dioxane
Concen: 32.367 ng
RT: 3.23 min Scan# 41
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.2	62.0	93.0
43	30.8	26.8	40.2





#3

Pvridine

Concen: 34.711 ng

RT: 3.60 min Scan# 105

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

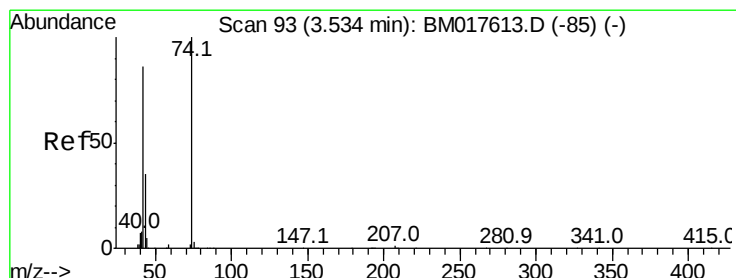
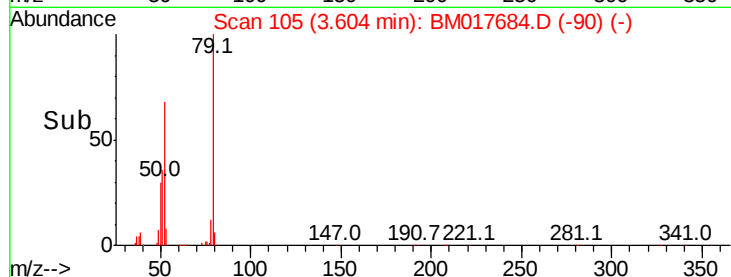
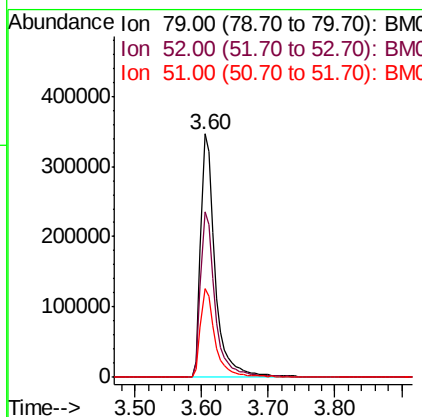
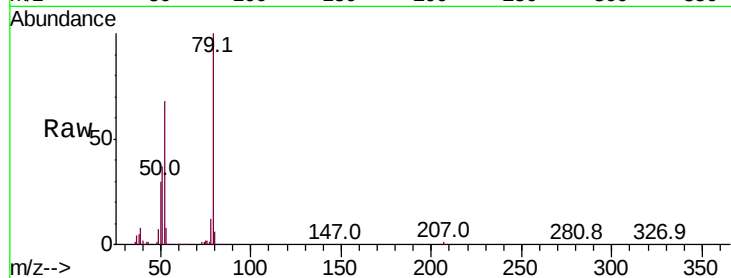
ClientSampleId :

PB114860BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	68.2	60.1	90.1		
51	36.6	31.1	46.7		

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM



#4

n-Nitrosodimethylamine

Concen: 44.719 ng

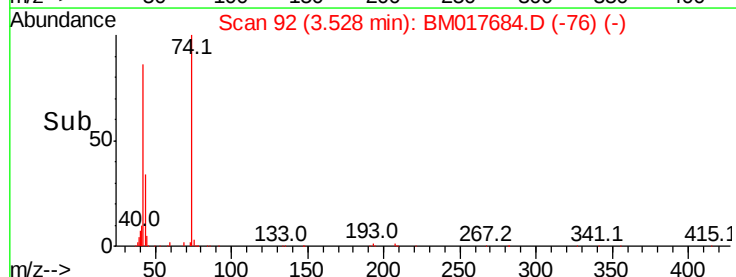
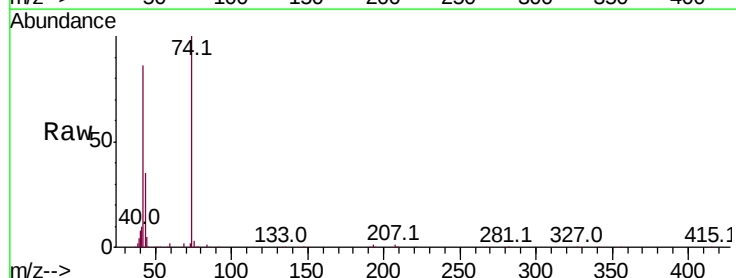
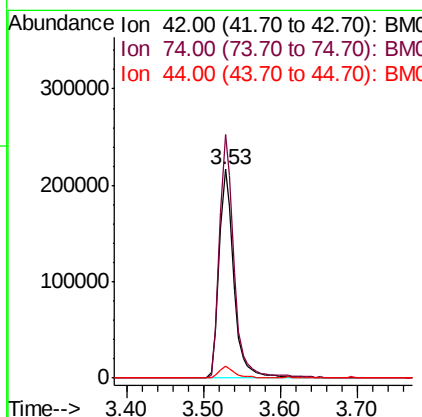
RT: 3.53 min Scan# 92

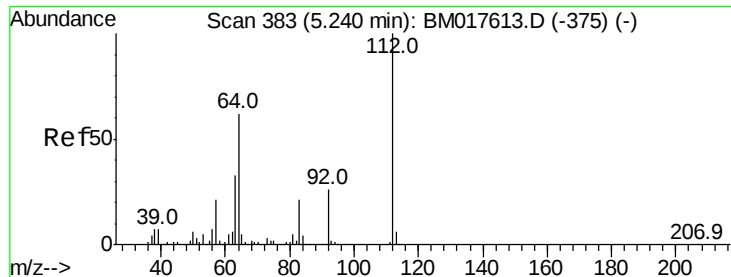
Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	116.6	93.1	139.7		
44	5.7	5.0	7.6		





#5

2-Fluorophenol

Concen: 107.452 ng

RT: 5.23 min Scan# 382

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

Tot Ion:112 Resp: 1286849

Ion Ratio Lower Upper

112 100

64 61.3 49.3 73.9

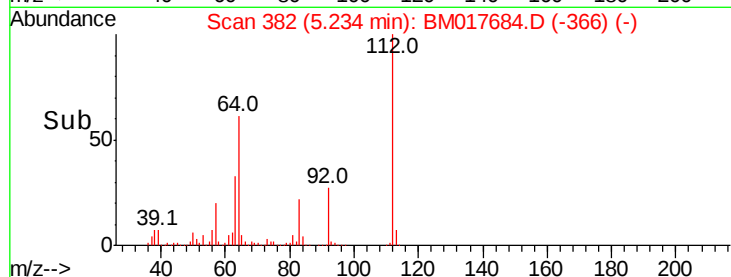
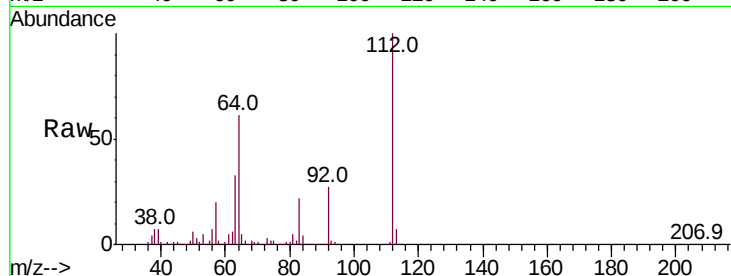
63 33.4 26.2 39.4

Manual Integrations

APPROVED

Sohil

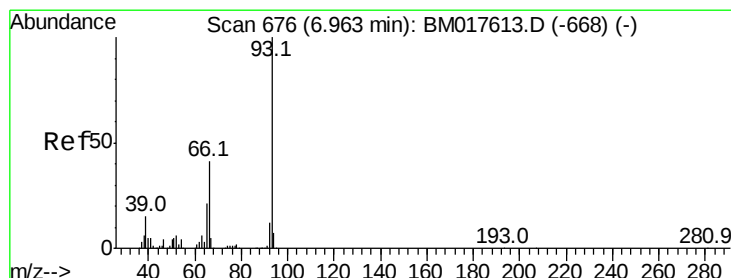
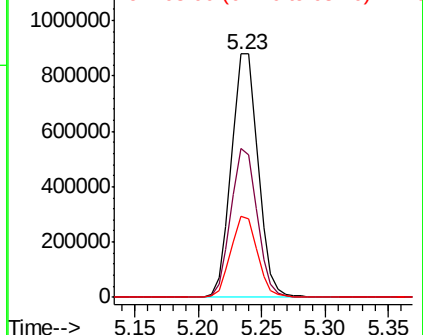
11/19/2018 3:07:35 PM



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: 20.459 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

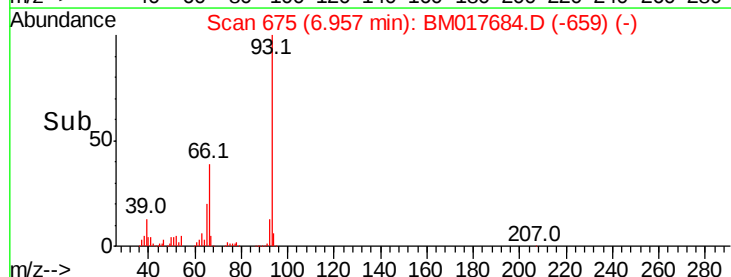
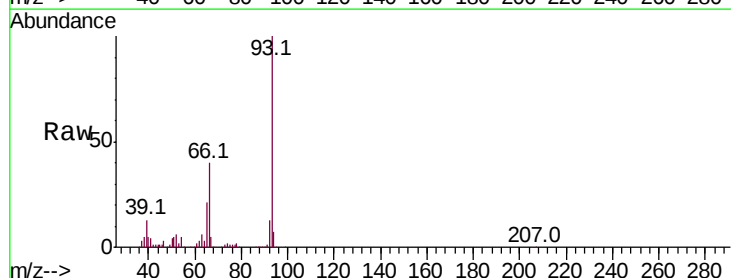
Tgt Ion: 93 Resp: 424356

Ion Ratio Lower Upper

93 100

66 39.6 32.8 49.2

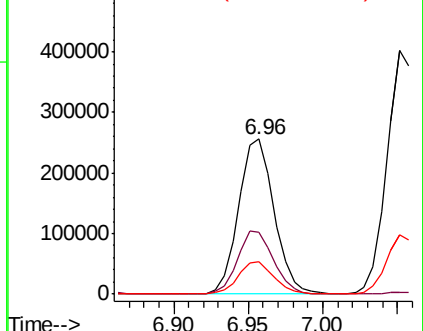
65 20.9 16.6 25.0

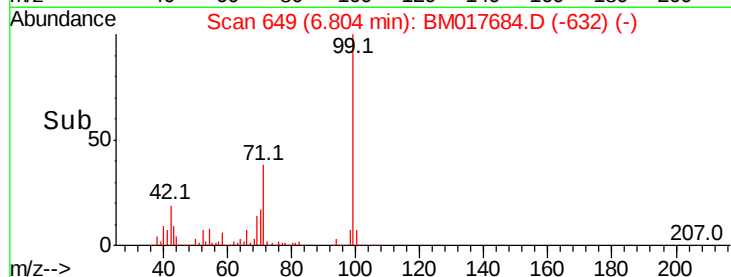
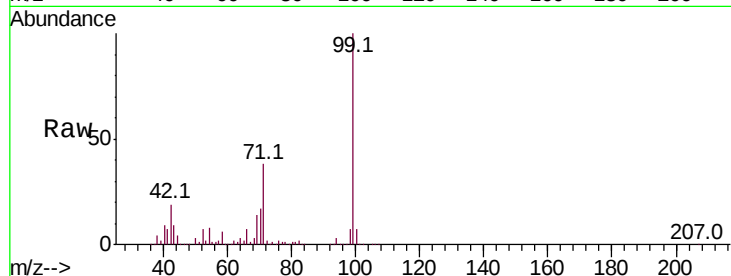
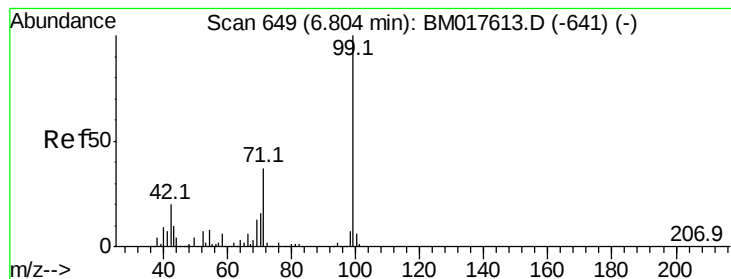


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 104.059 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Tot Ion:	99	Resp:	1740525
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.3	24.5
71	38.0	29.8	44.8

Instrument :

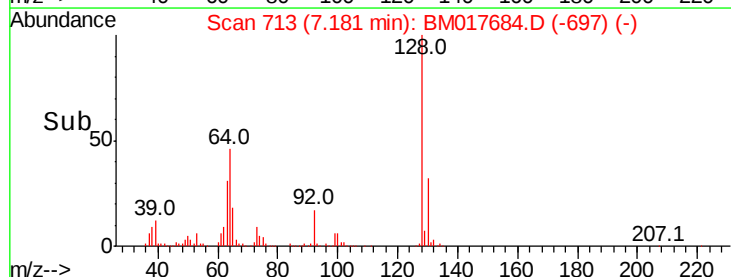
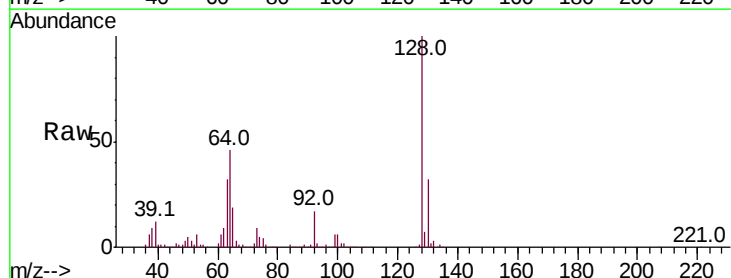
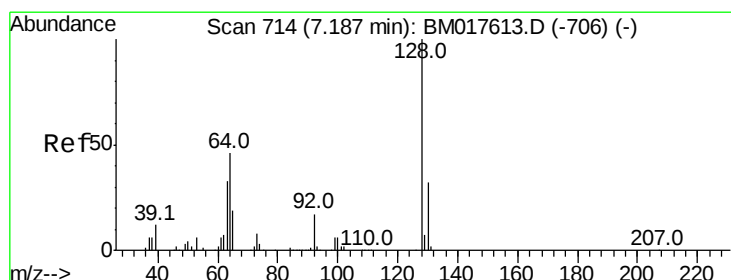
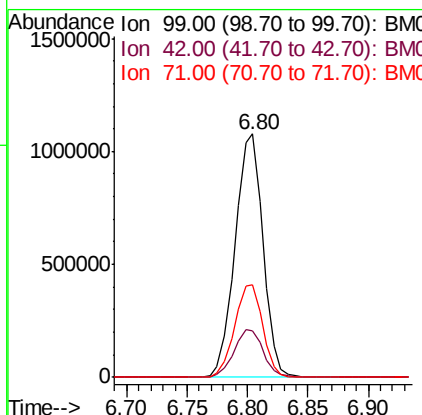
BNA_M

ClientSampleId :

PB114860BS

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM



#8

2-Chlorophenol

Concen: 46.804 ng

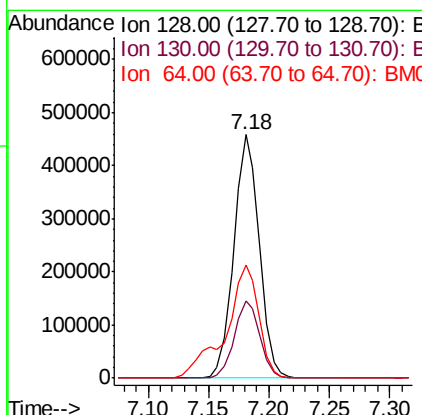
RT: 7.18 min Scan# 713

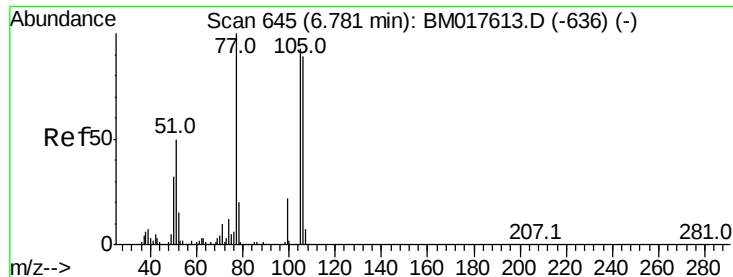
Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Tgt Ion:	128	Resp:	670825
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.4	52.4
64	46.4	30.0	70.0





#9

Benzaldehyde

Concen: 26.532 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

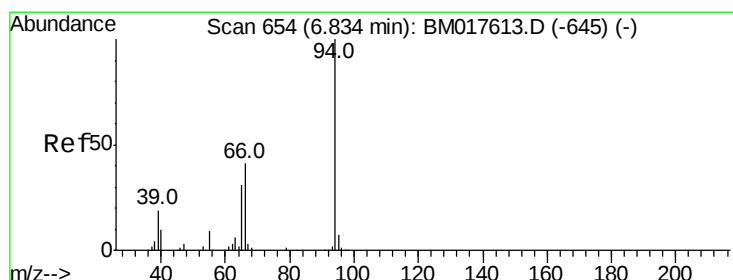
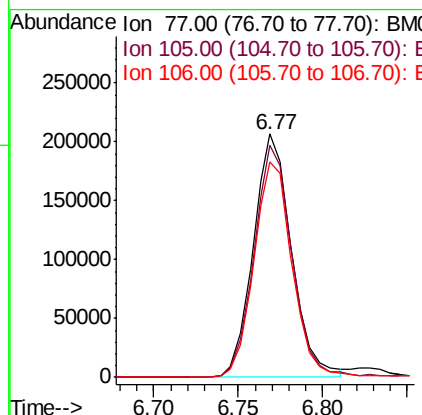
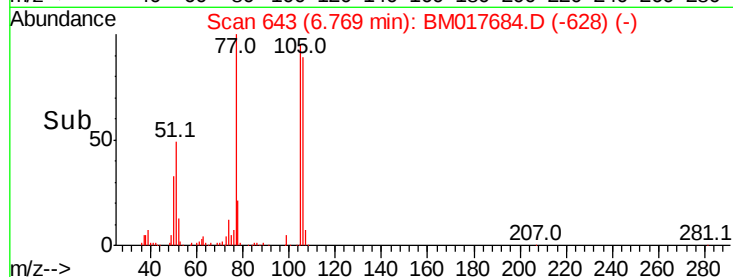
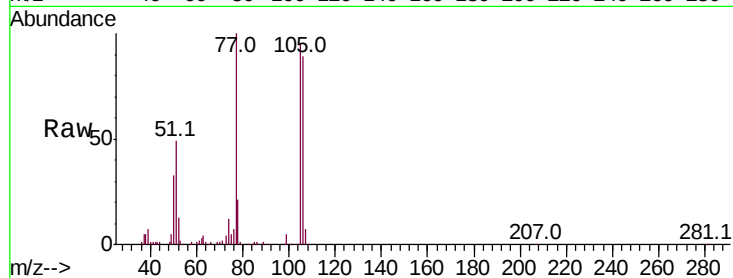
ClientSampled :

PB114860BS

Tot Ion:	77	Resp:	323287
Ion Ratio	Lower	Upper	
77	100		
105	95.2	72.7	112.7
106	88.7	68.9	108.9

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM



#10

Phenol

Concen: 47.213 ng

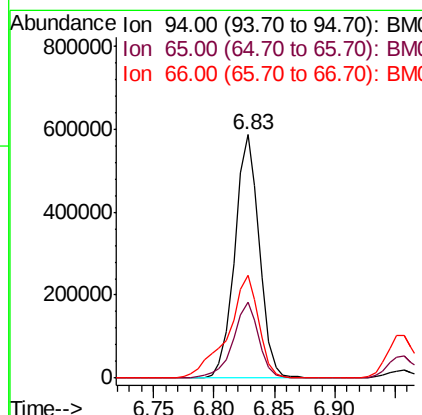
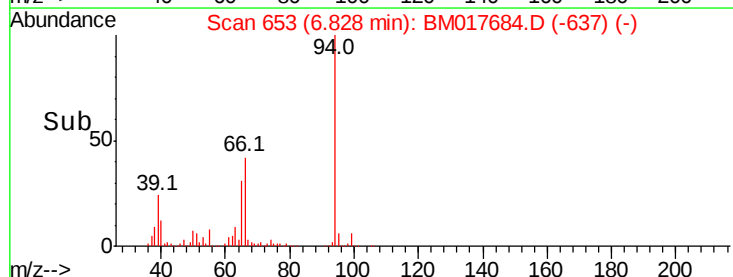
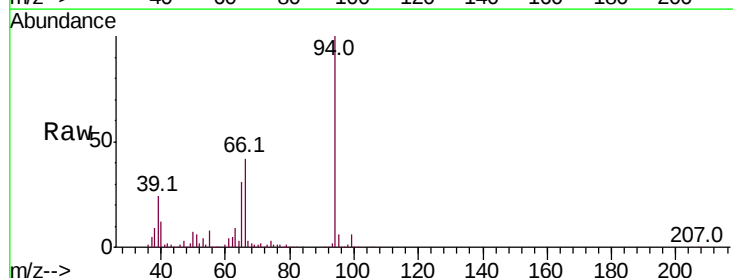
RT: 6.83 min Scan# 653

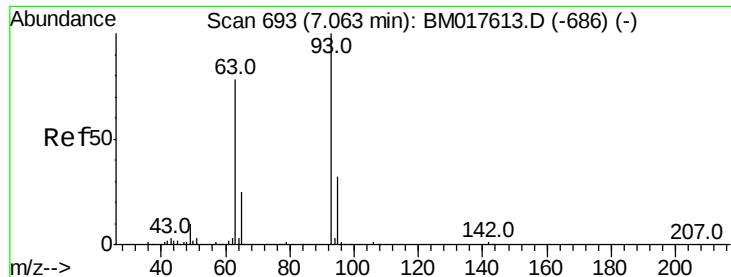
Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Tgt Ion:	94	Resp:	828899
Ion Ratio	Lower	Upper	
94	100		
65	31.0	11.4	51.4
66	42.4	21.4	61.4





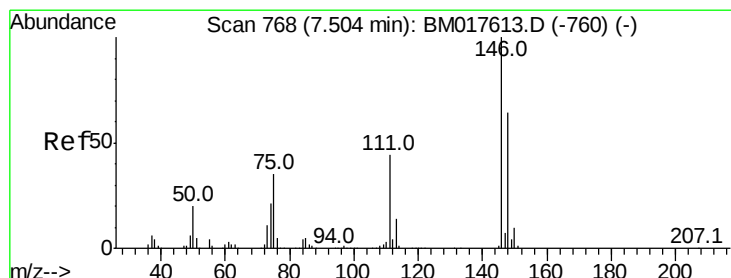
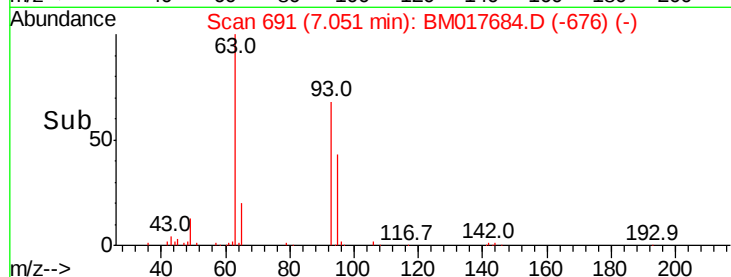
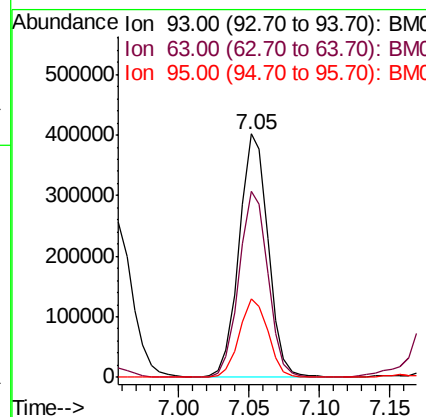
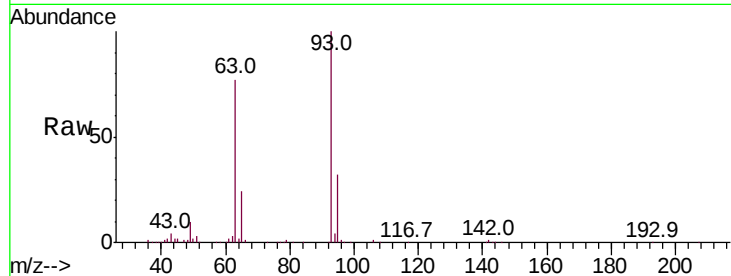
#11
bis(2-Chloroethyl)ether
Concen: 41.070 ng
RT: 7.05 min Scan# 691
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.6	57.9	97.9
95	32.0	12.3	52.3

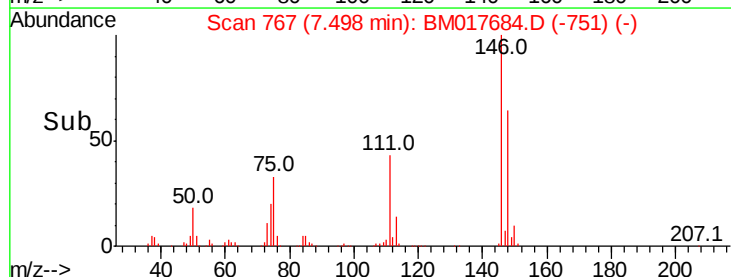
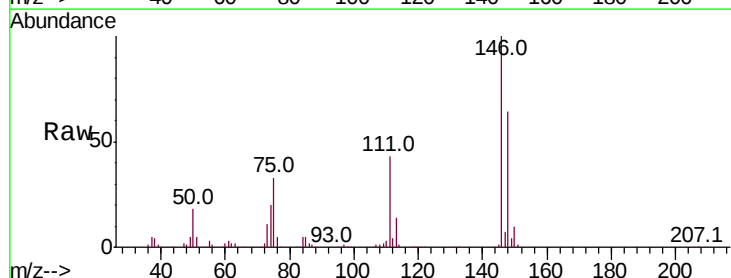
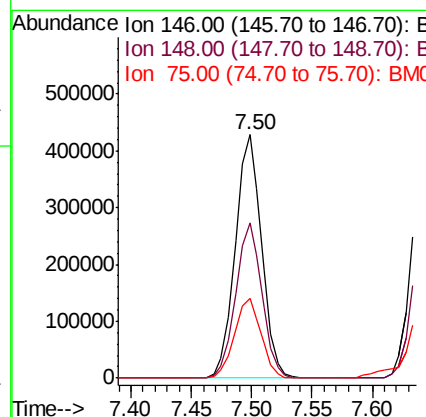
Manual Integrations
APPROVED

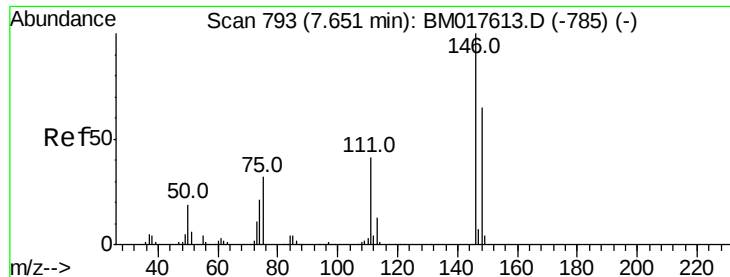
Sohil
11/19/2018 3:07:35 PM



#12
1,3-Dichlorobenzene
Concen: 40.344 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.2	76.8
75	32.5	28.2	42.2





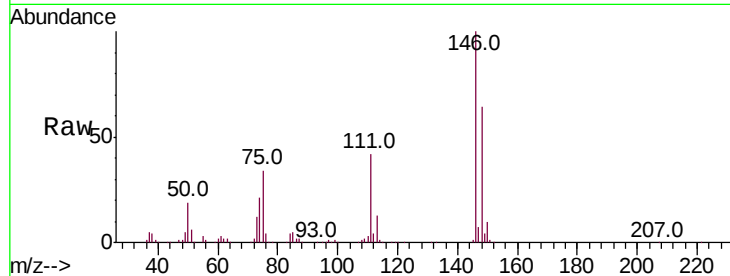
#13
1,4-Dichlorobenzene
Concen: 40.363 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
111	41.9	33.2	49.8

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM

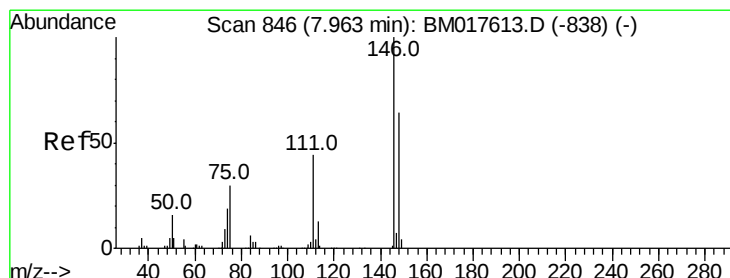
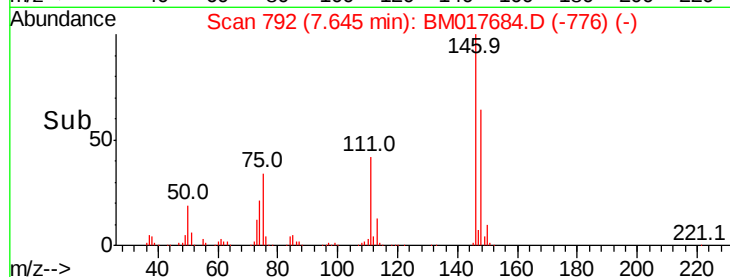
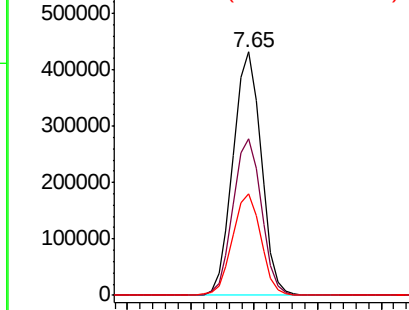


Abundance

Ion 146.00 (145.70 to 146.70): E

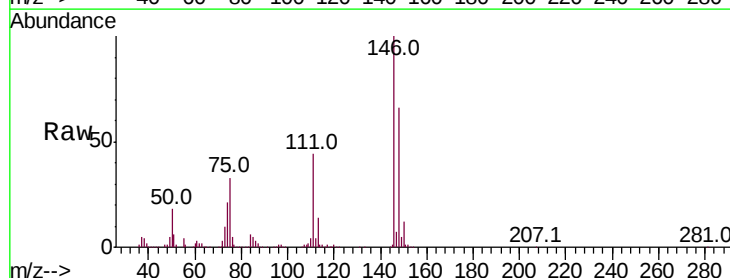
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.565 ng
RT: 7.96 min Scan# 845
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.6	77.4
111	44.4	35.8	53.8

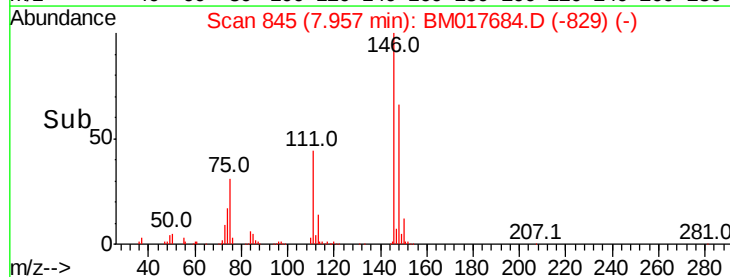
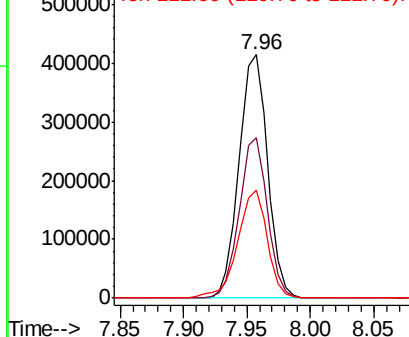


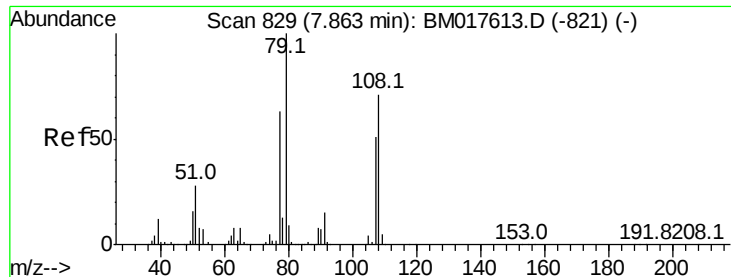
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.930 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

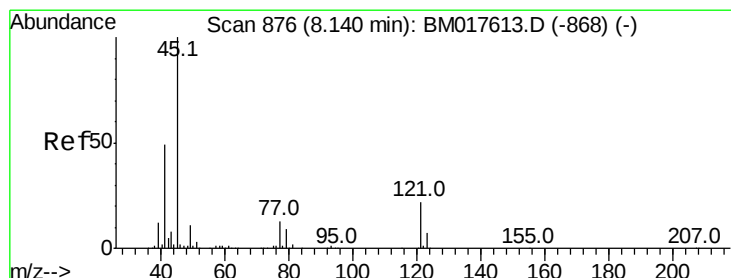
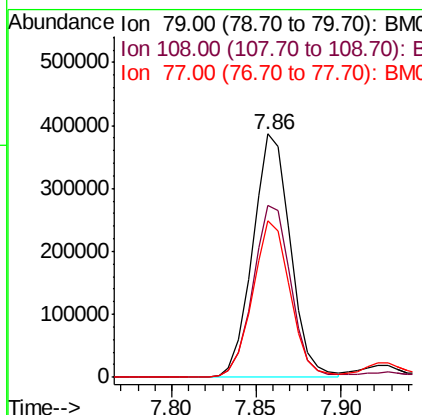
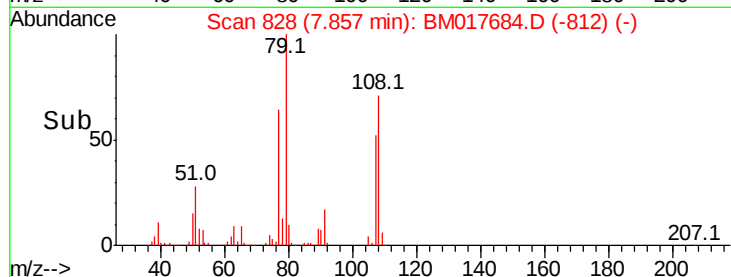
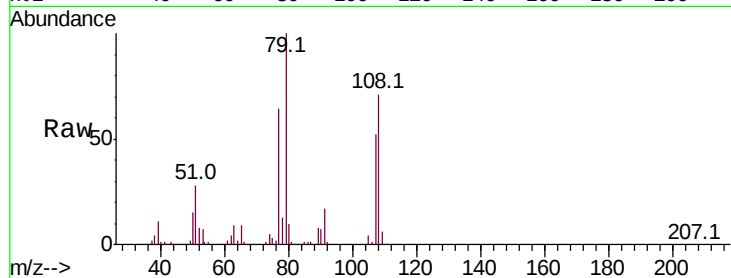
ClientSampled :

PB114860BS

Tot Ion:	79	Resp:	598485
Ion Ratio	Lower	Upper	
79	100		
108	70.5	57.1	85.7
77	64.2	50.4	75.6

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.494 ng

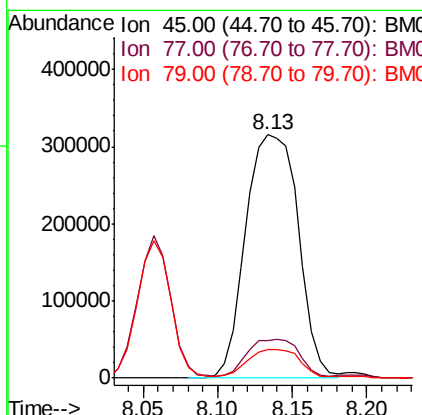
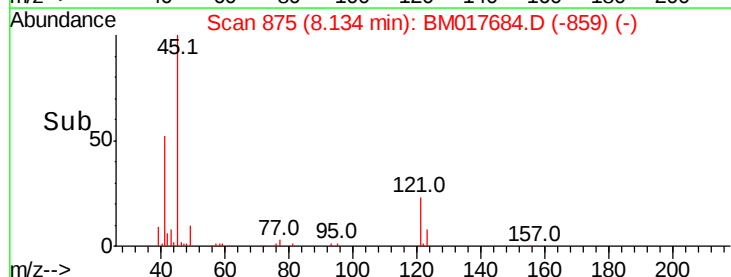
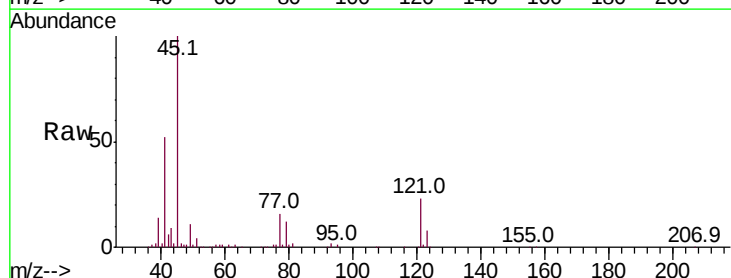
RT: 8.13 min Scan# 875

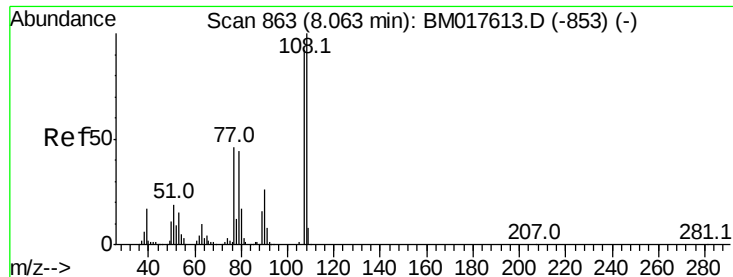
Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Tgt Ion:	45	Resp:	770093
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	34.2
79	11.7	0.0	30.5





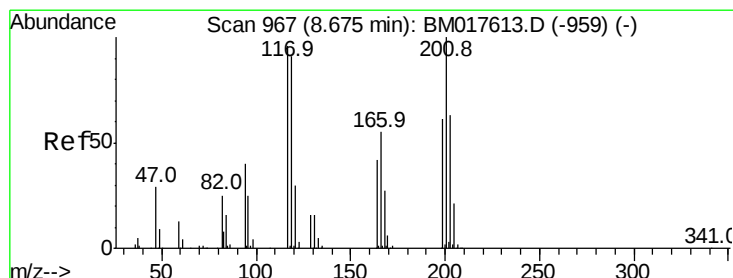
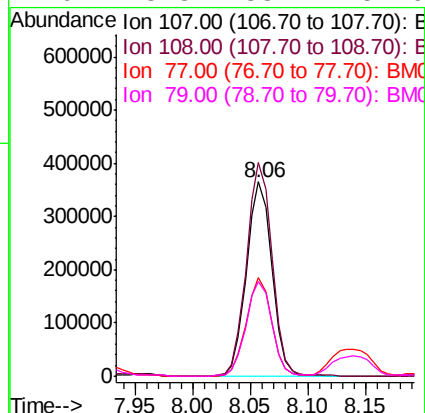
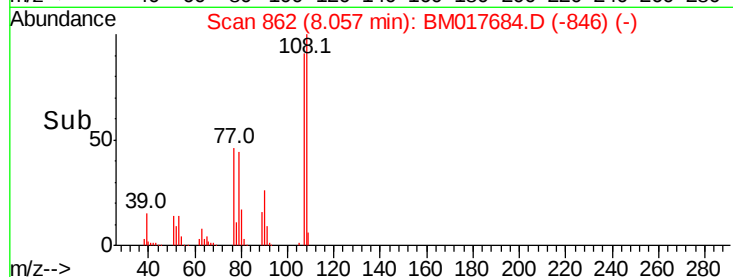
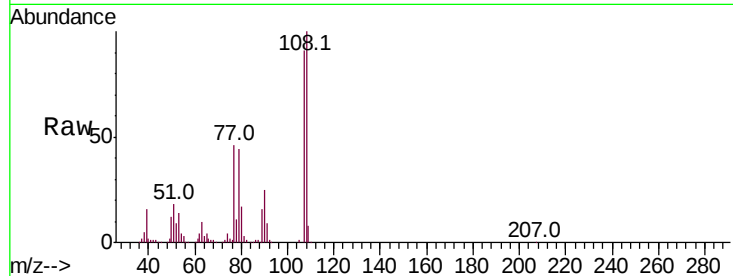
#17
2-Methylphenol
Concen: 47.536 ng
RT: 8.06 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.9	86.7	130.1	
77	50.6	39.8	59.6	
79	48.8	38.4	57.6	

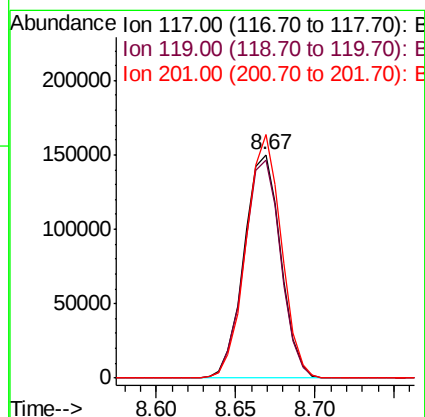
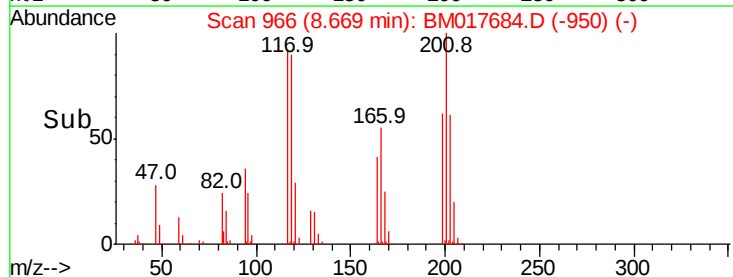
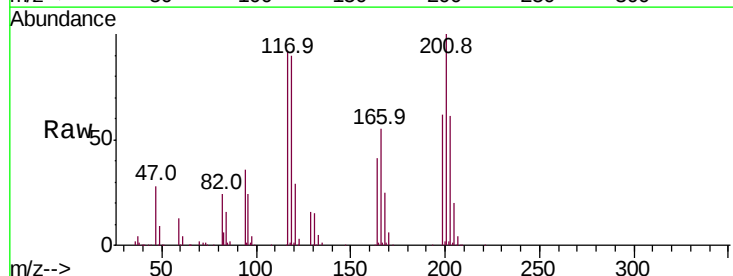
Manual Integrations
APPROVED

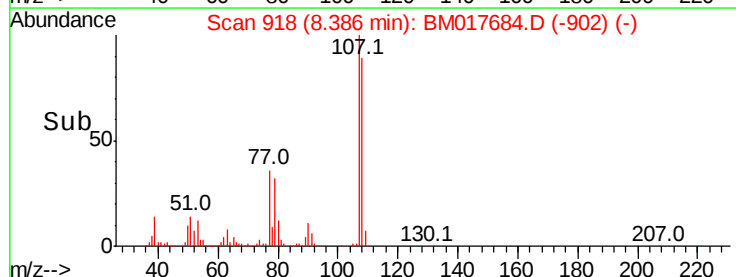
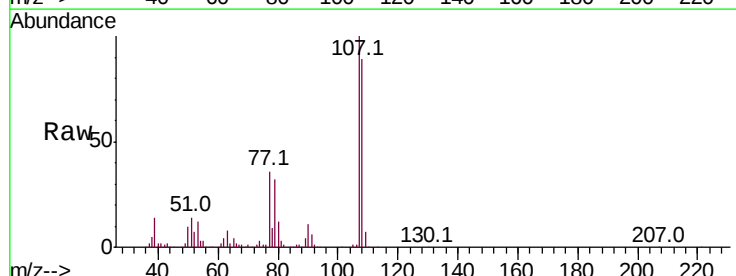
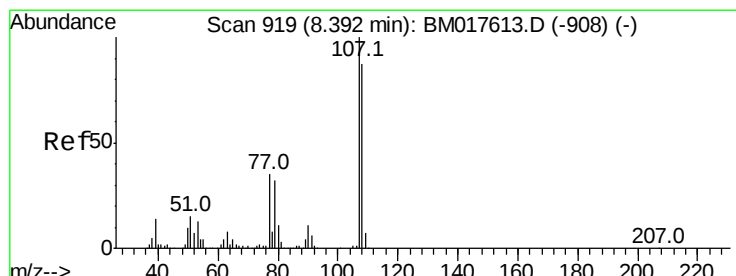
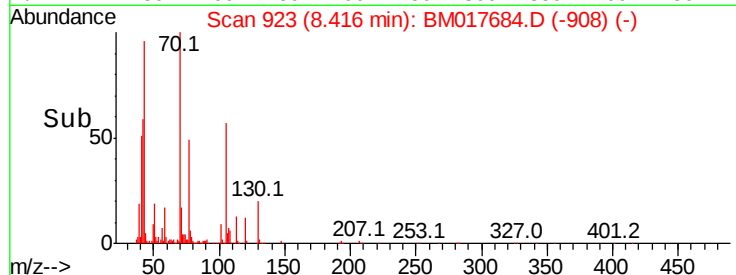
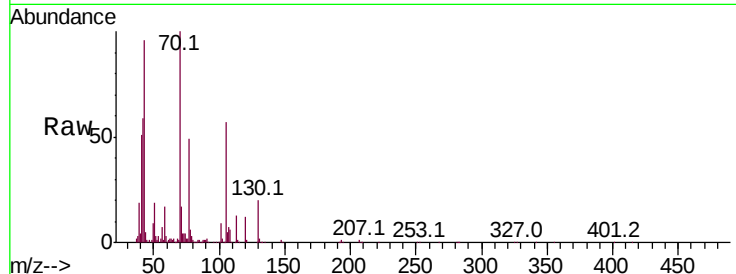
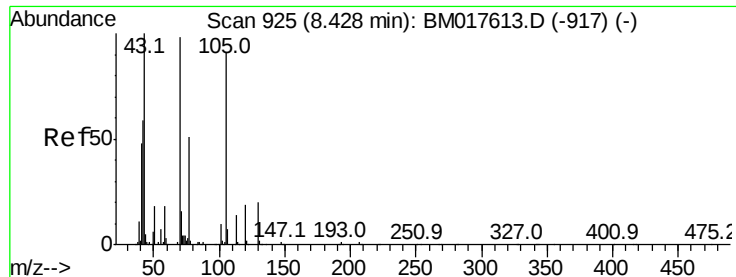
Sohil
11/19/2018 3:07:35 PM



#18
Hexachloroethane
Concen: 41.542 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	75.8	113.8	
201	108.9	83.0	124.4	





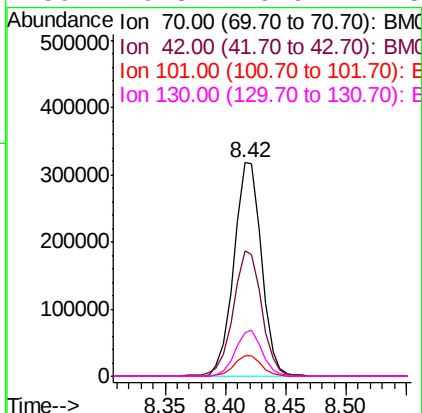
#19
n-Nitroso-di-n-propylamine
Concen: 42.344 ng
RT: 8.42 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.9	48.6	73.0
101	9.3	7.9	11.9
130	20.3	16.6	24.8

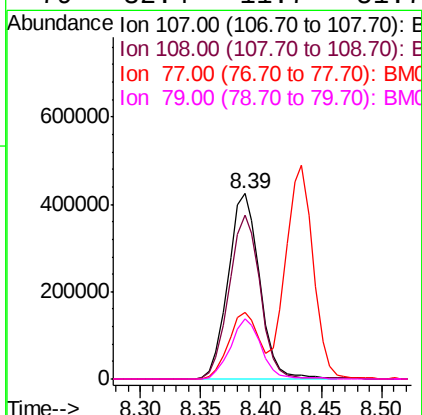
Manual Integrations
APPROVED

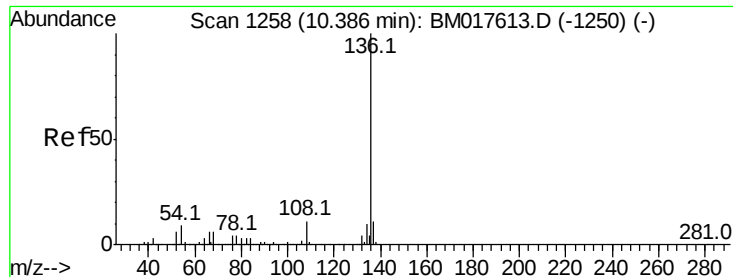
Sohil
11/19/2018 3:07:35 PM



#20
3+4-Methylphenols
Concen: 46.990 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.0	107.0
77	36.2	15.6	55.6
79	32.4	11.7	51.7





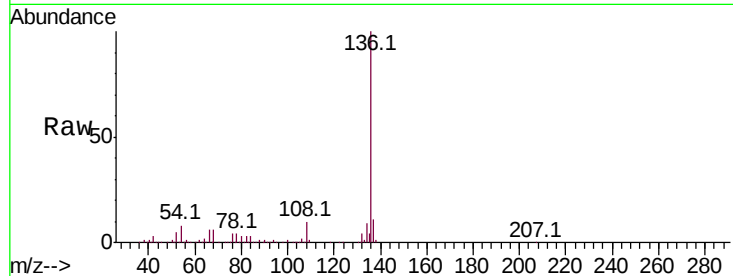
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	913300		
137	10.6		8.6	12.8
54	8.1		7.0	10.6
68	5.6		4.9	7.3

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM



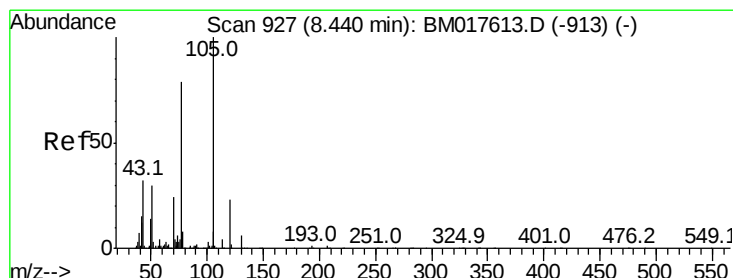
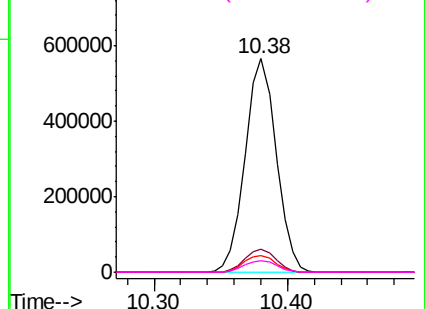
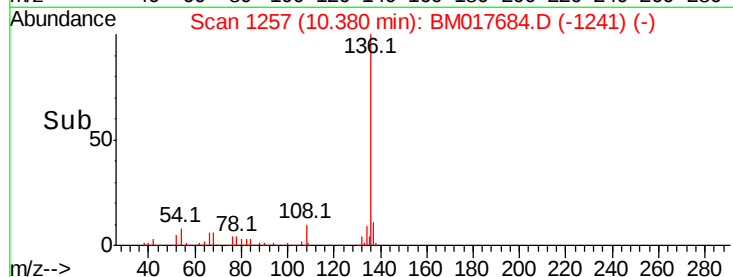
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

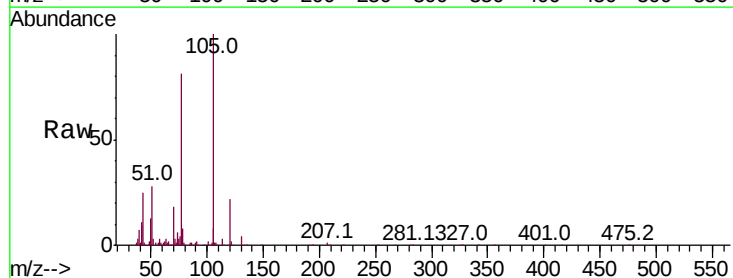
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 42.497 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	968689		
71	2.8		3.1	4.7#
51	28.3		23.8	35.8
120	22.0		18.0	27.0



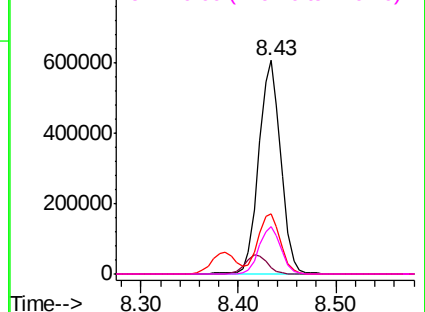
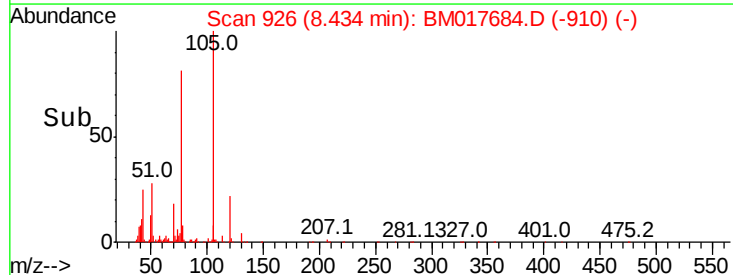
Abundance

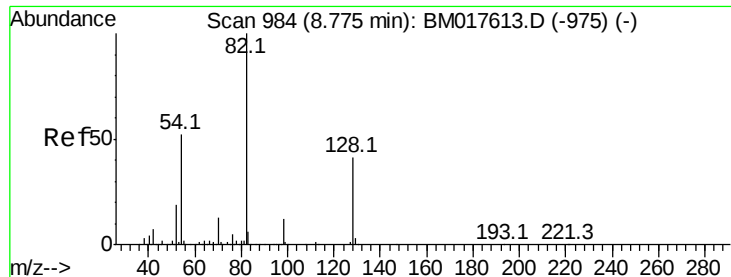
Ion 105.00 (104.70 to 105.70): E

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





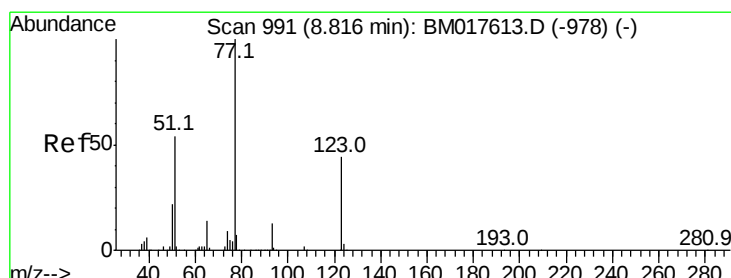
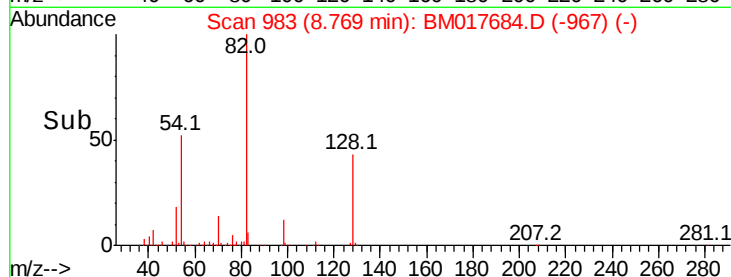
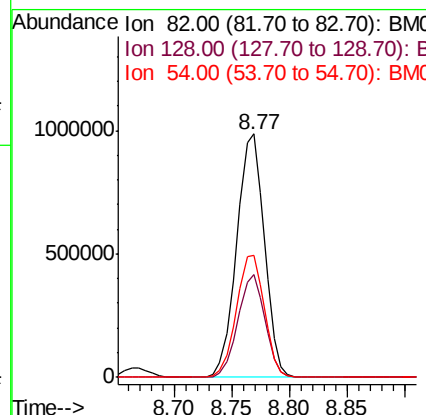
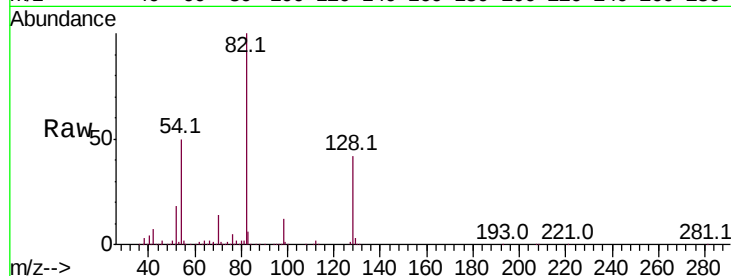
#23
 Nitrobenzene-d5
 Concen: 92.837 ng
 RT: 8.77 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.0	49.4
54	50.4	41.4	62.2

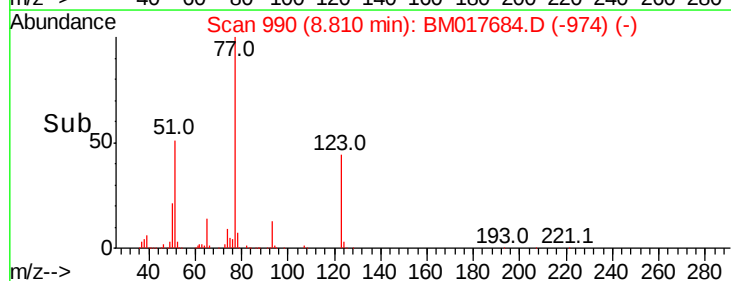
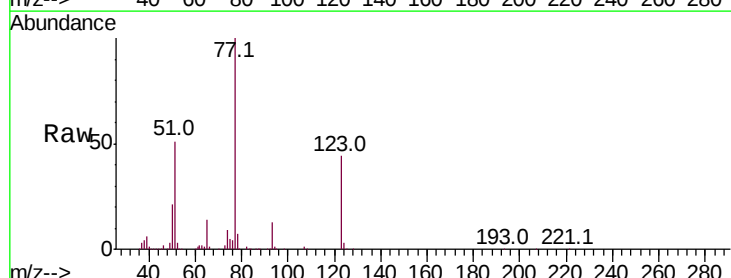
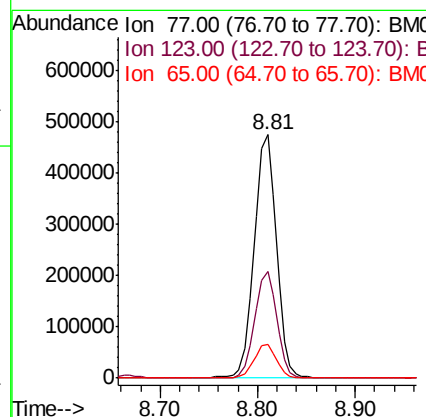
Manual Integrations
 APPROVED

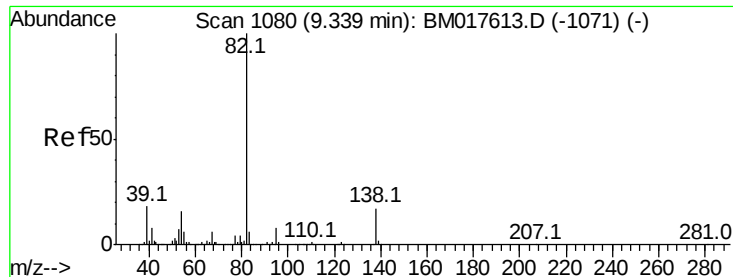
Sohil
 11/19/2018 3:07:35 PM



#24
 Nitrobenzene
 Concen: 42.230 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	35.1	52.7
65	13.7	11.0	16.6





#25

Isophorone

Concen: 49.265 ng

RT: 9.33 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

Tot Ion: 82 Resp: 1346117

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

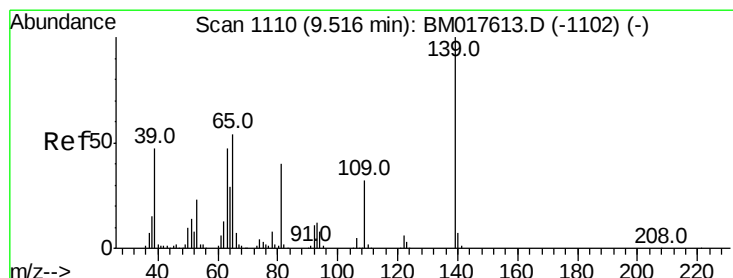
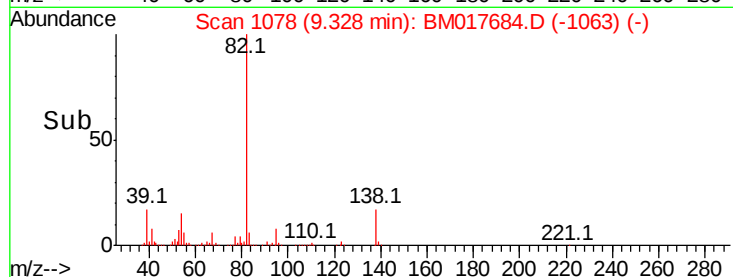
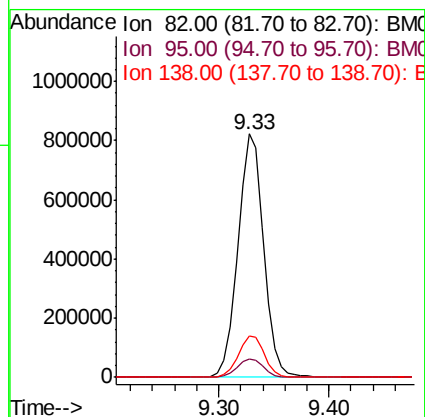
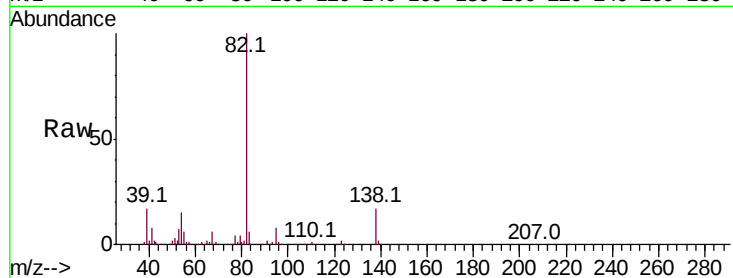
138 17.0 13.9 20.9

Manual Integrations

APPROVED

Sohil

11/19/2018 3:07:35 PM



#26

2-Nitrophenol

Concen: 43.437 ng

RT: 9.51 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

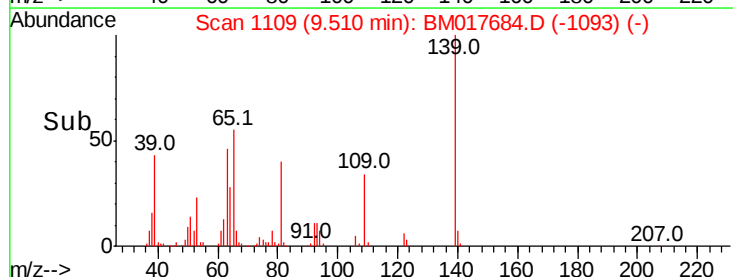
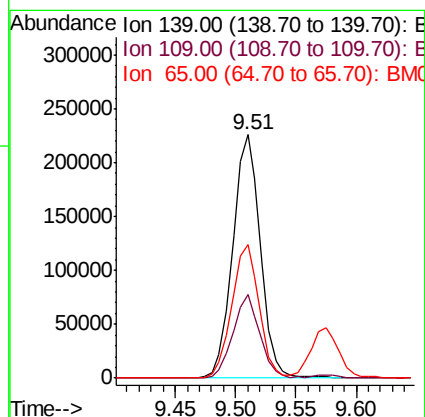
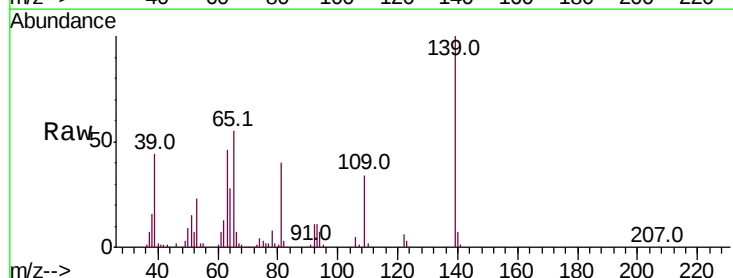
Tgt Ion: 139 Resp: 359123

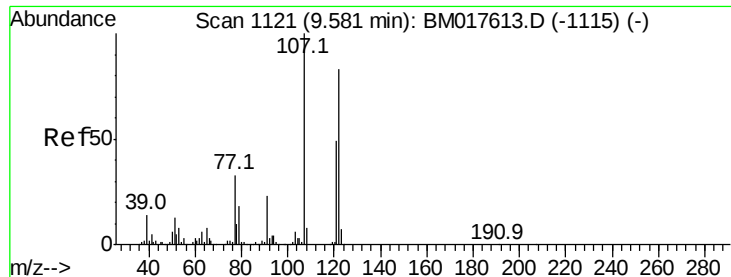
Ion Ratio Lower Upper

139 100

109 34.4 25.9 38.9

65 54.6 43.0 64.4





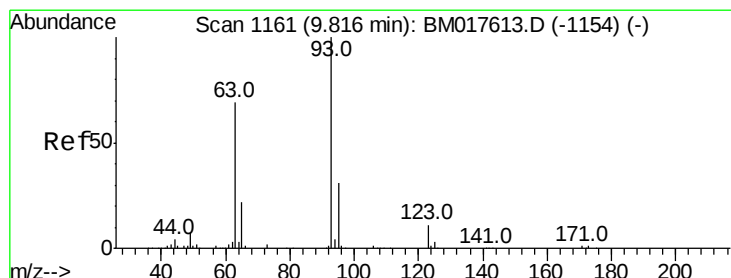
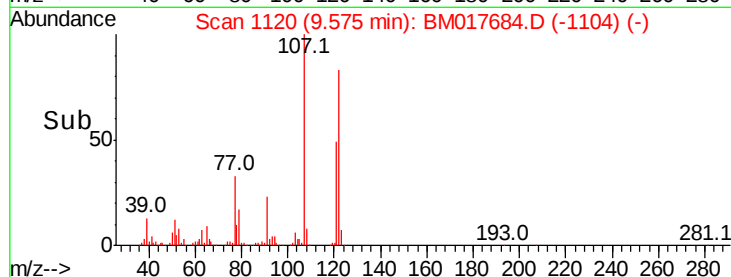
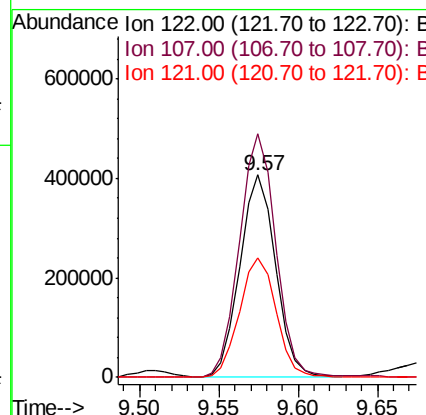
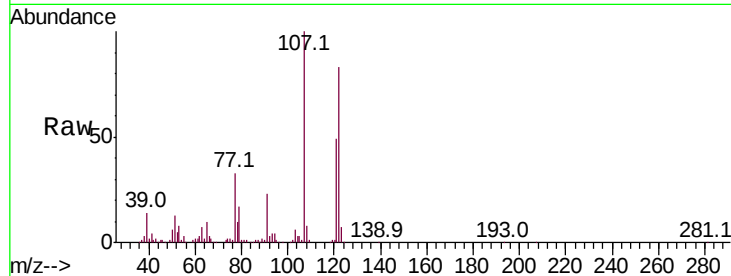
#27
 2,4-Dimethylphenol
 Concen: 53.169 ng
 RT: 9.57 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.4	95.8	143.8
121	59.2	47.2	70.8

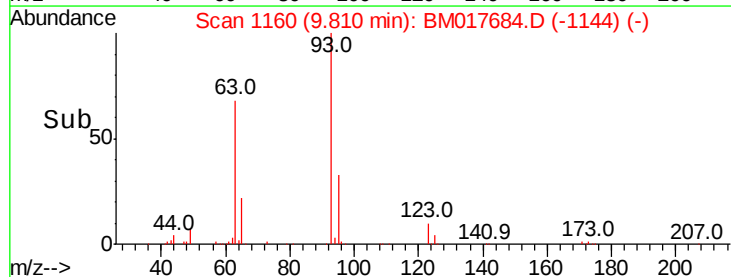
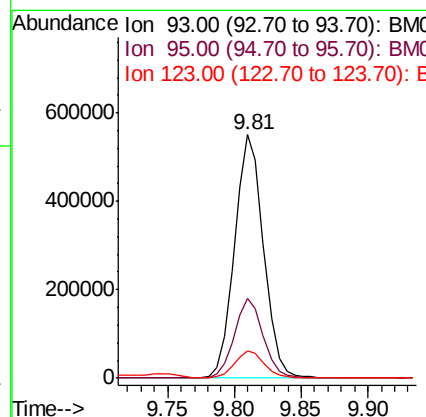
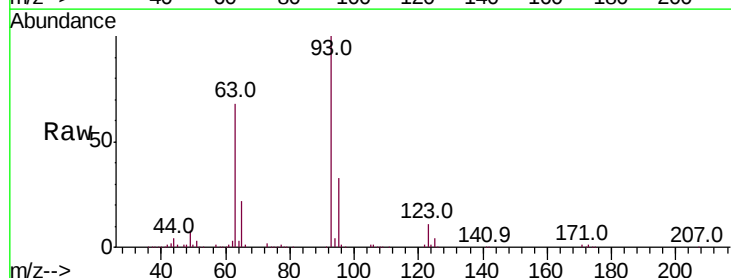
Manual Integrations
 APPROVED

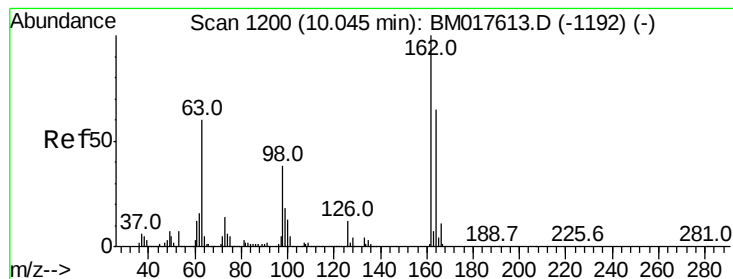
Sohil
 11/19/2018 3:07:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.087 ng
 RT: 9.81 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	24.9	37.3
123	11.3	8.7	13.1





#29

2,4-Dichlorophenol

Concen: 48.791 ng

RT: 10.04 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

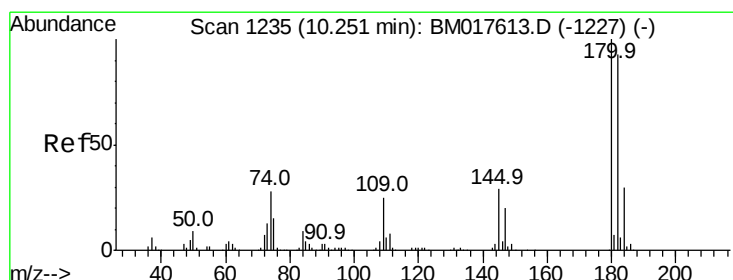
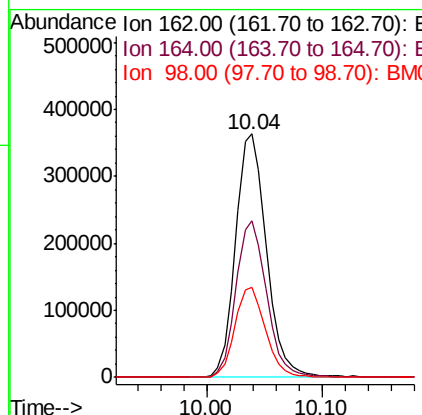
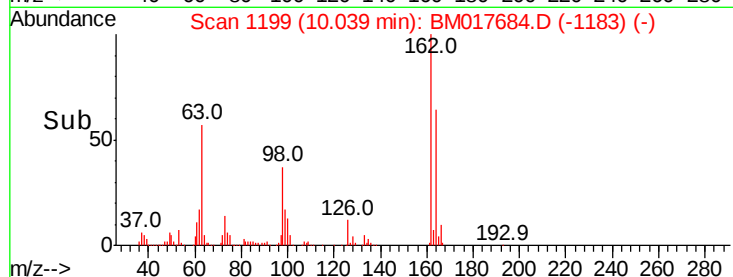
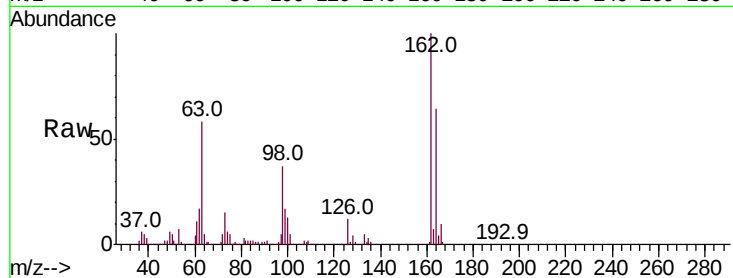
ClientSampleId :

PB114860BS

Tot Ion:	162	Resp:	674857
Ion Ratio	Lower	Upper	
162	100		
164	64.4	45.0	85.0
98	37.0	17.5	57.5

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM



#30

1,2,4-Trichlorobenzene

Concen: 41.744 ng

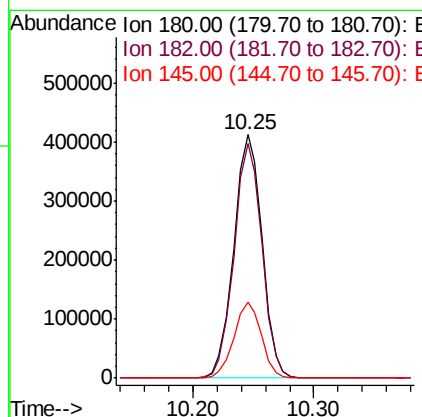
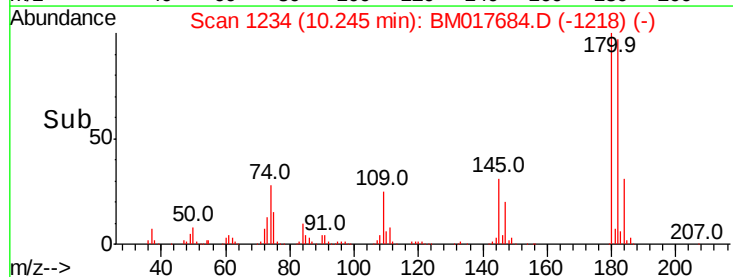
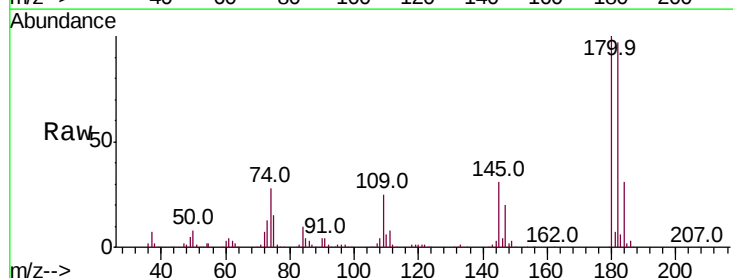
RT: 10.25 min Scan# 1234

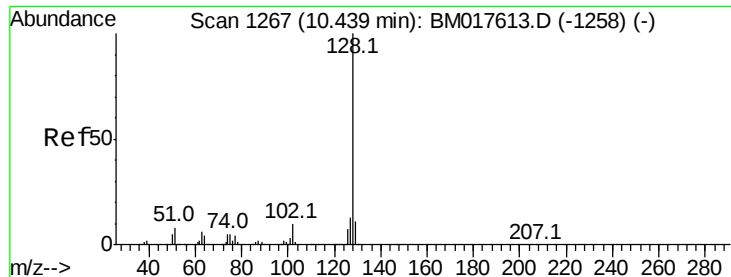
Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Tgt Ion:	180	Resp:	671534
Ion Ratio	Lower	Upper	
180	100		
182	96.6	74.4	111.6
145	31.1	23.5	35.3





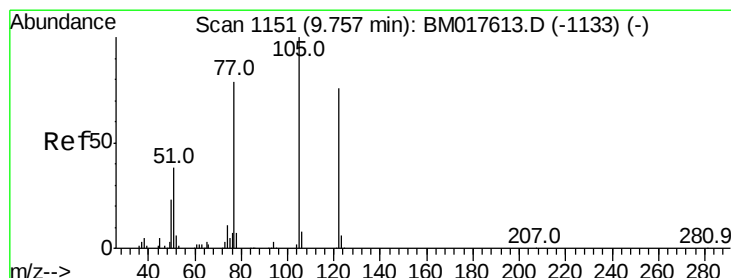
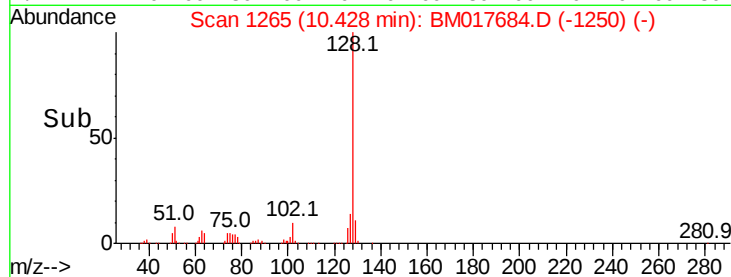
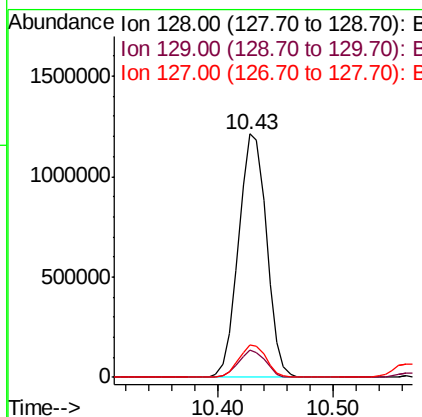
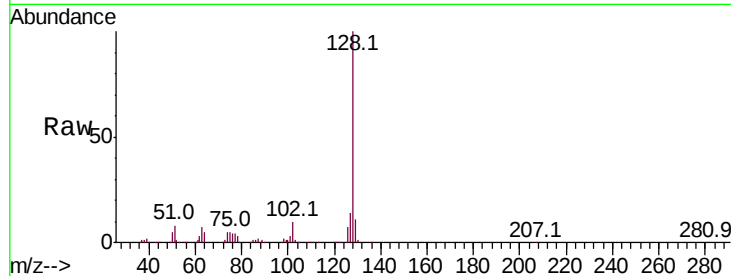
#31
Naphthalene
Concen: 45.472 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.5	10.3	15.5

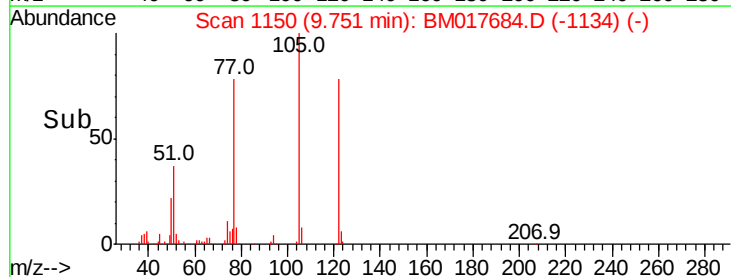
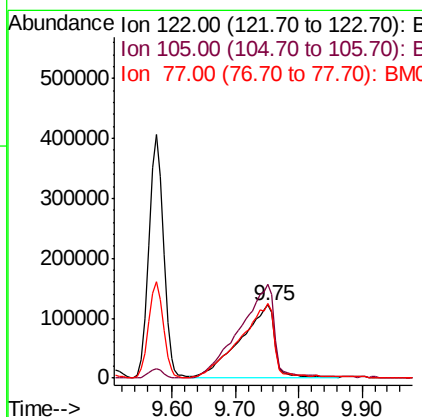
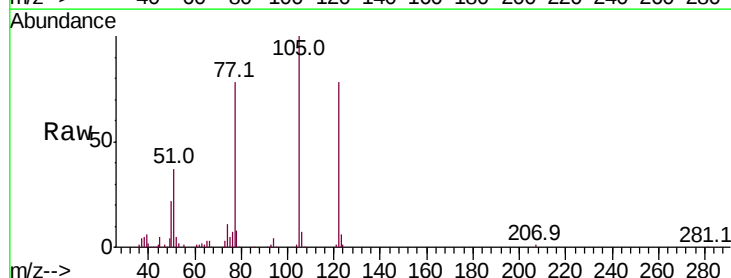
Manual Integrations
APPROVED

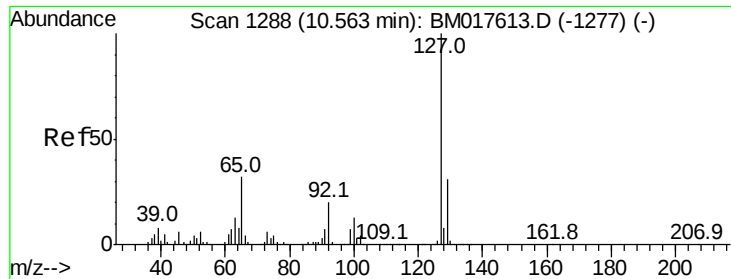
Sohil
11/19/2018 3:07:35 PM



#32
Benzoic acid
Concen: 42.201 ng m
RT: 9.75 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	109.1	149.1
77	101.1	82.1	122.1





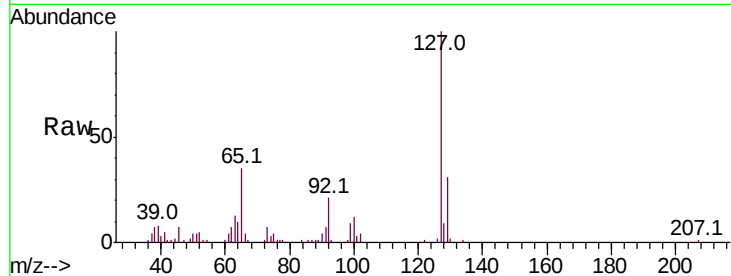
#33
4-Chloroaniline
Concen: 6.927 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

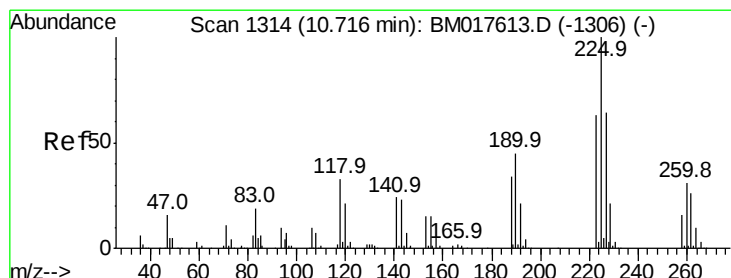
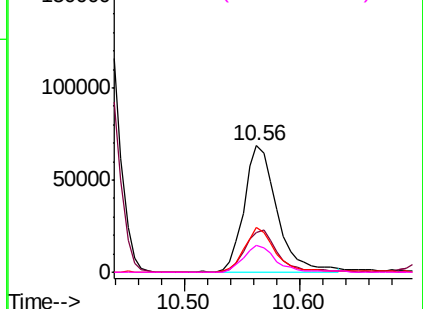
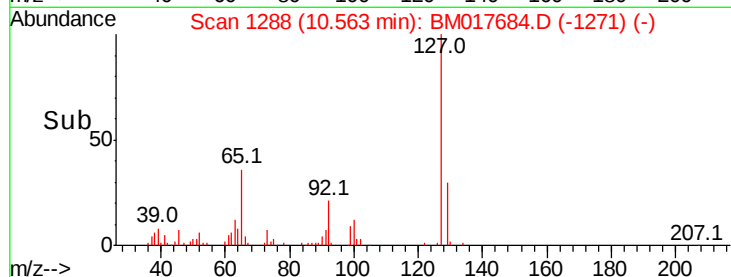
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	25.0	37.4	
65	35.2	25.8	38.8	
92	20.8	15.8	23.6	

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM

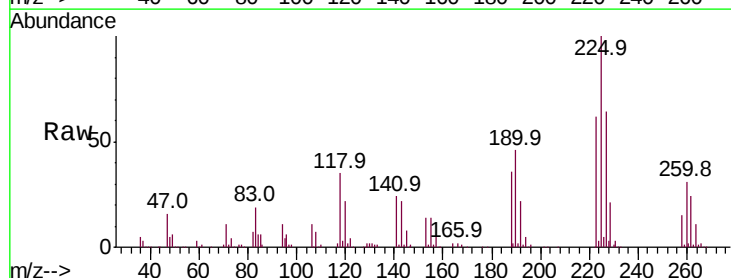


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

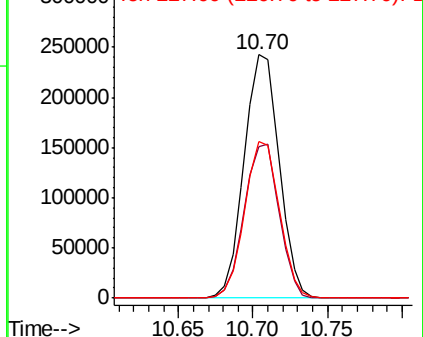
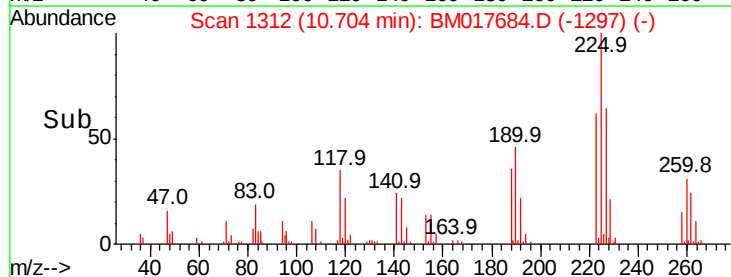


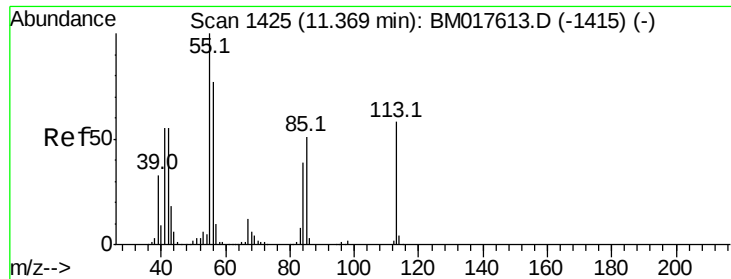
#34
Hexachlorobutadiene
Concen: 39.594 ng
RT: 10.70 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.7	76.1	
227	64.3	51.0	76.4	



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: 42.081 ng/ml

RT: 11.36 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

Tot Ion:113 Resp: 214346

Ion Ratio Lower Upper

113 100

55 161.8 153.1 193.1

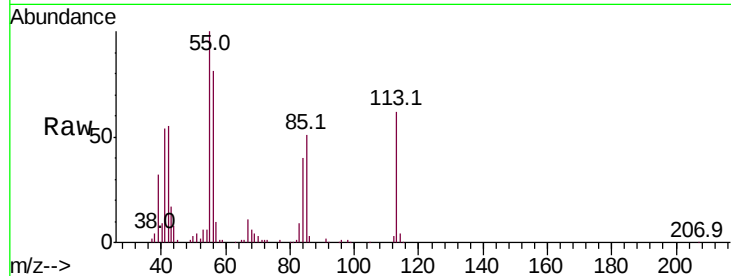
56 130.4 112.7 152.7

Manual Integrations

APPROVED

Sohil

11/19/2018 3:07:35 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

120000

100000

80000

60000

40000

20000

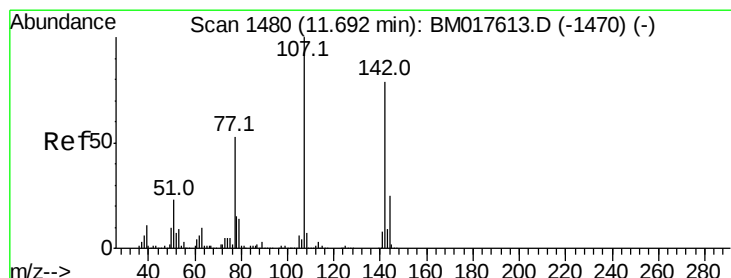
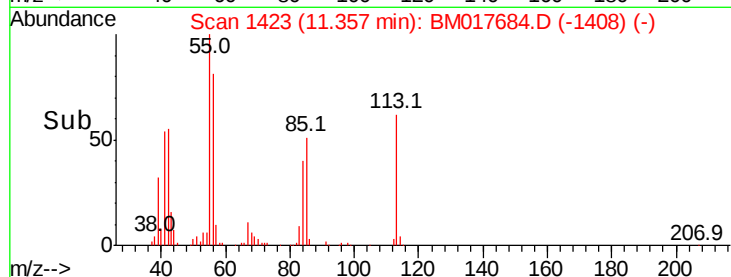
0

11.36

11.40

11.60

Time-->



#36

4-Chloro-3-methylphenol

Concen: 47.477 ng/ml

RT: 11.69 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

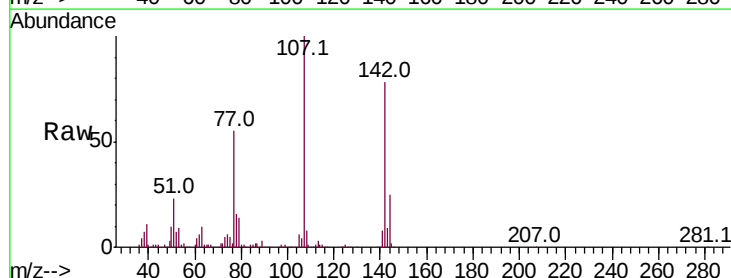
Tgt Ion:107 Resp: 758181

Ion Ratio Lower Upper

107 100

144 25.2 19.9 29.9

142 78.4 63.0 94.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

600000

500000

400000

300000

200000

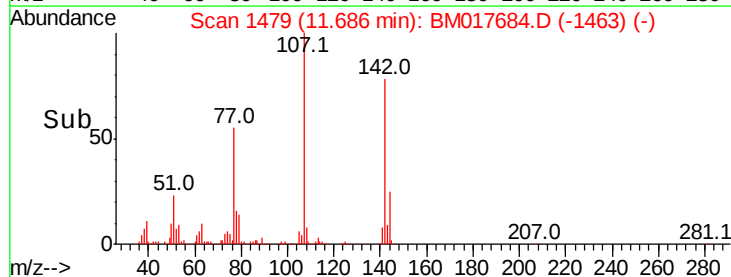
100000

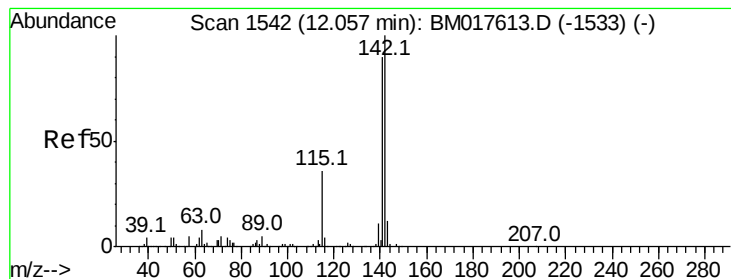
0

11.69

11.70

Time-->





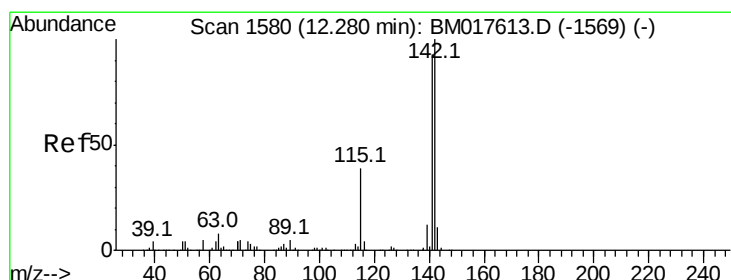
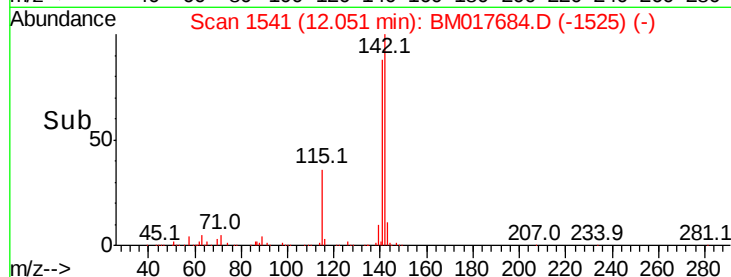
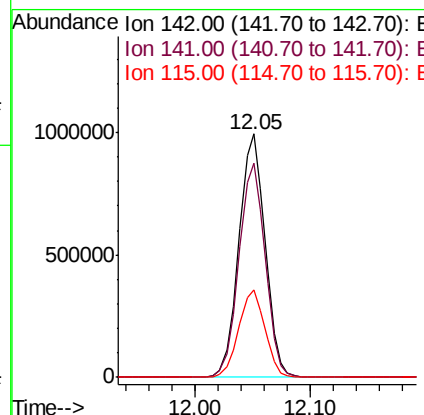
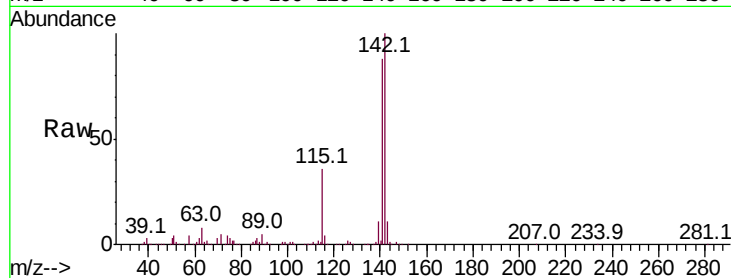
#37
2-Methylnaphthalene
Concen: 49.173 ng
RT: 12.05 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.2	108.4
115	35.8	28.5	42.7

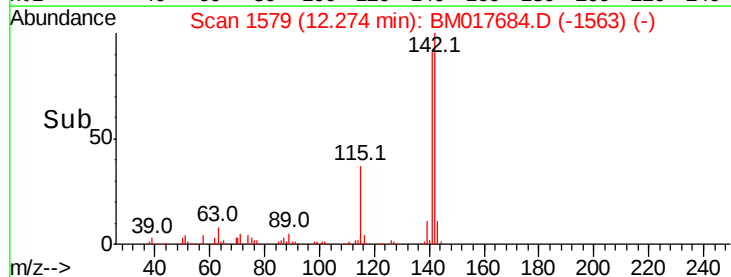
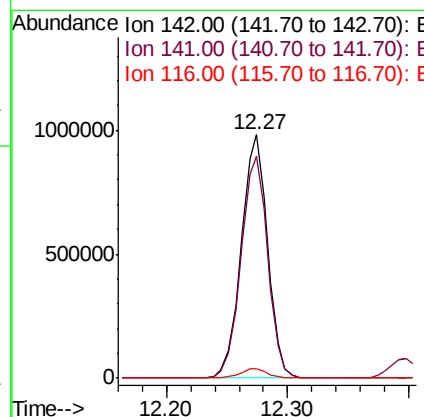
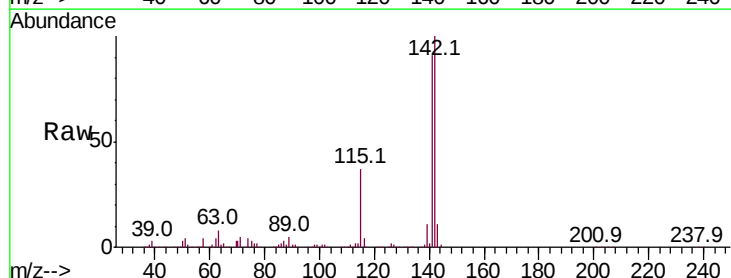
Manual Integrations
APPROVED

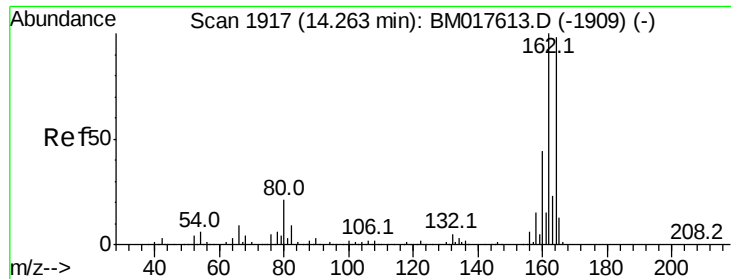
Sohil
11/19/2018 3:07:35 PM



#38
1-Methylnaphthalene
Concen: 47.914 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.2	111.4
116	3.9	3.1	4.7





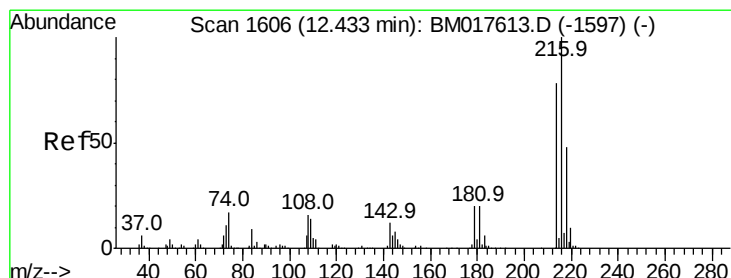
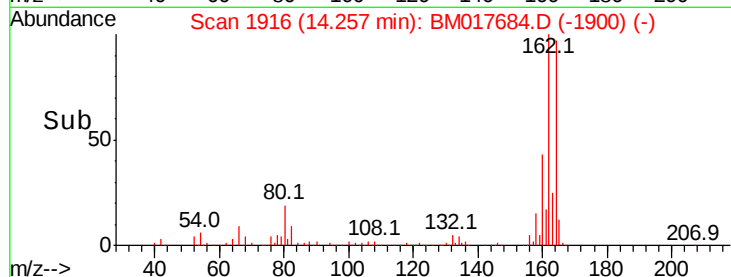
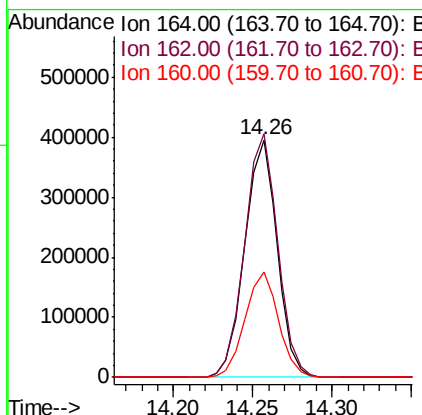
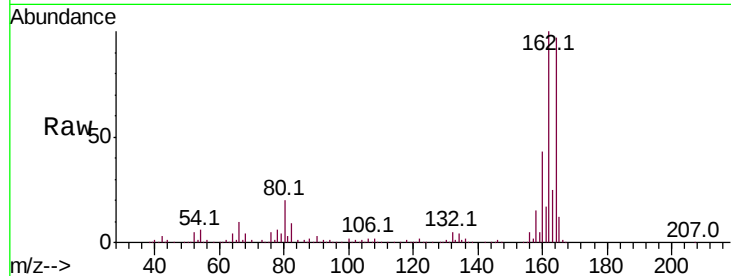
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.4	122.0
160	44.6	35.6	53.4

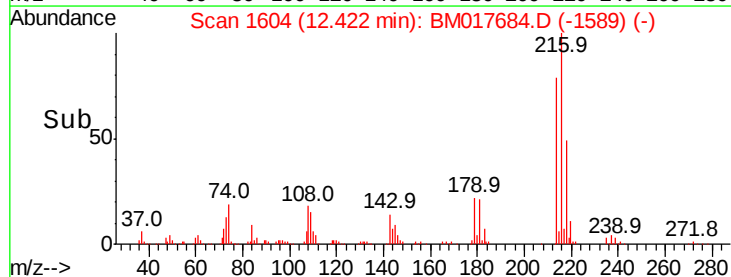
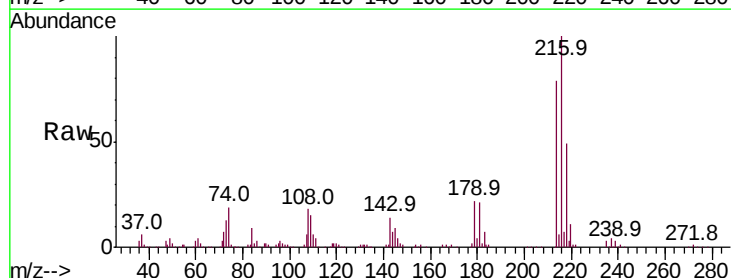
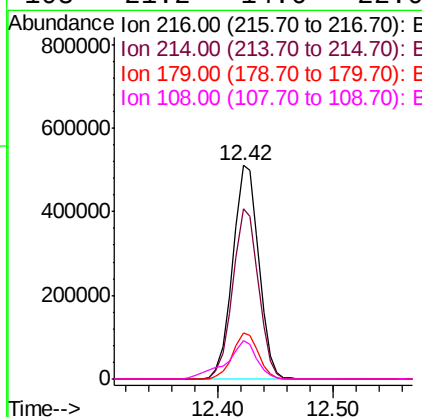
Manual Integrations
APPROVED

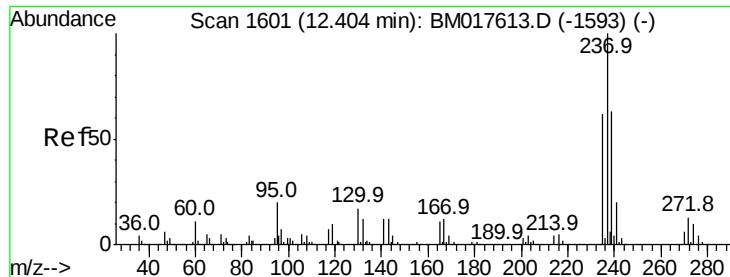
Sohil
11/19/2018 3:07:35 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.277 ng
RT: 12.42 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.5	93.7
179	21.3	16.8	25.2
108	21.2	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 98.746 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

Tot Ion:237 Resp: 1007579

Ion Ratio Lower Upper

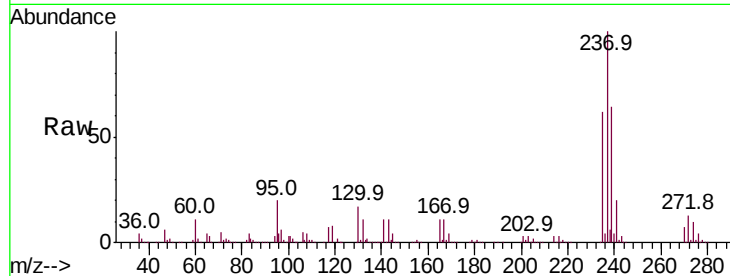
237 100

235 62.5 42.2 82.2

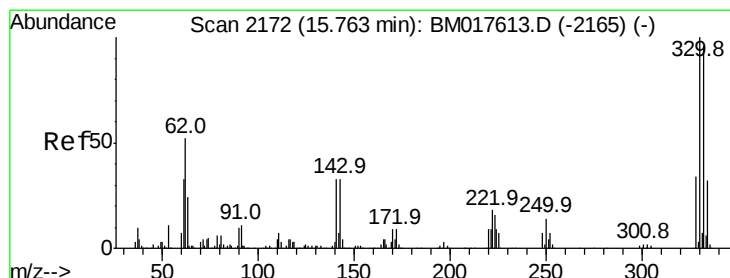
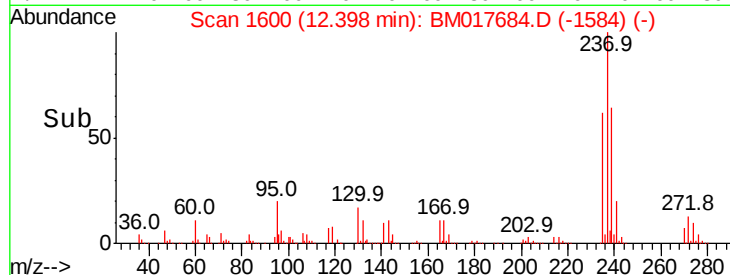
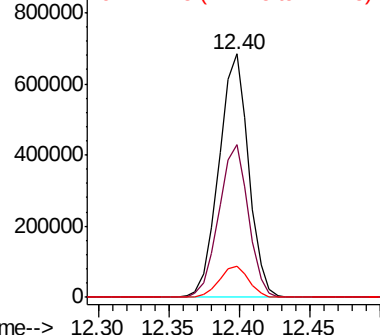
272 12.6 0.0 32.6

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 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: 104.081 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

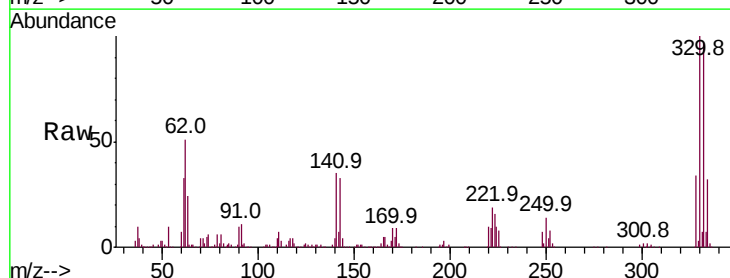
Tgt Ion:330 Resp: 837457

Ion Ratio Lower Upper

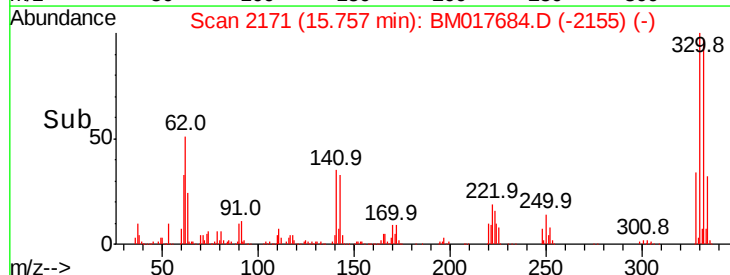
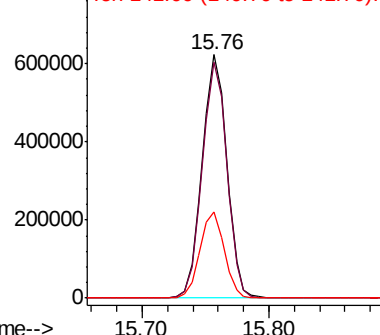
330 100

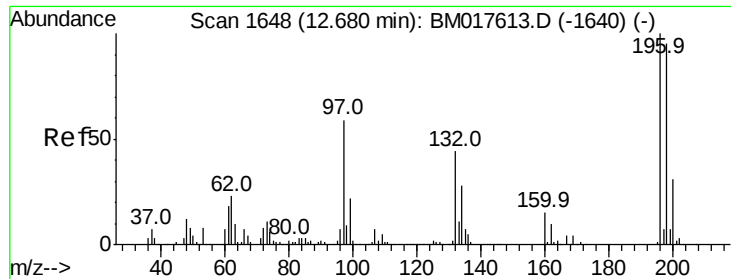
332 96.5 77.9 116.9

141 35.1 27.5 41.3



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





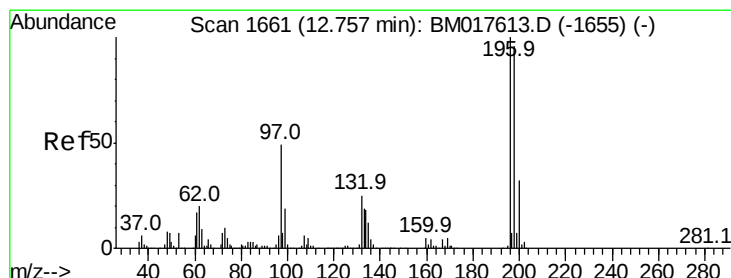
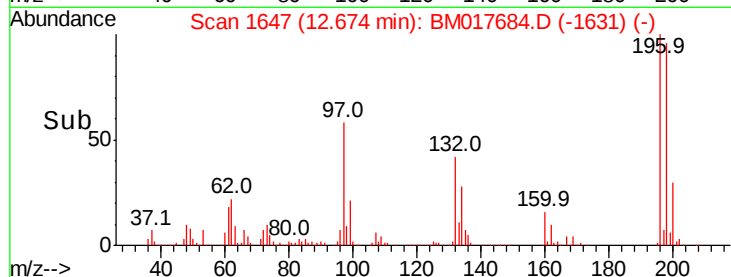
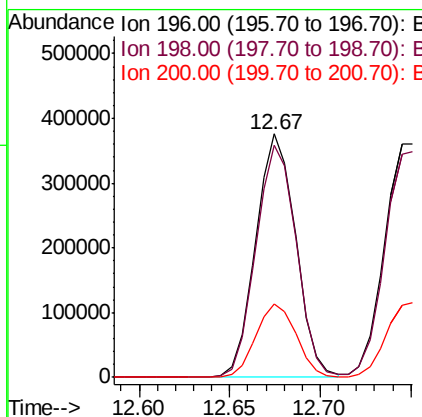
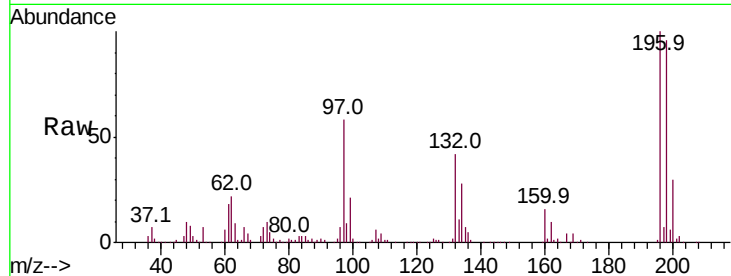
#43
2,4,6-Trichlorophenol
Concen: 46.536 ng
RT: 12.67 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	575585		
198	95.6	75.6	113.4	
200	30.3	24.8	37.2	

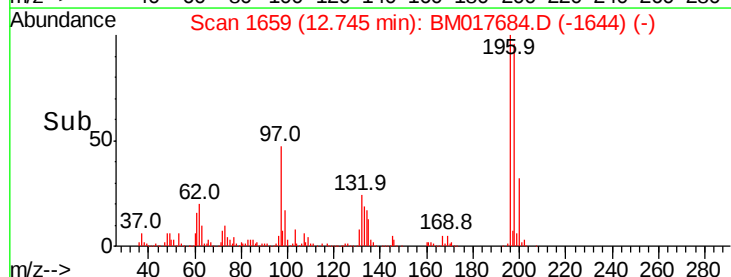
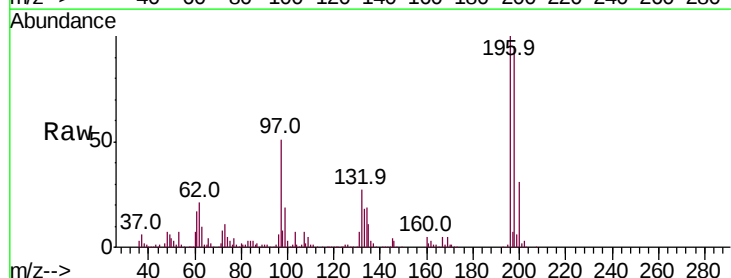
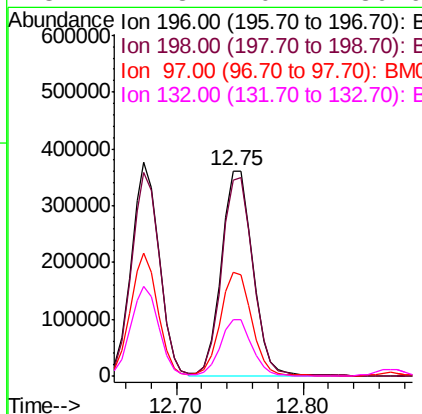
Manual Integrations
APPROVED

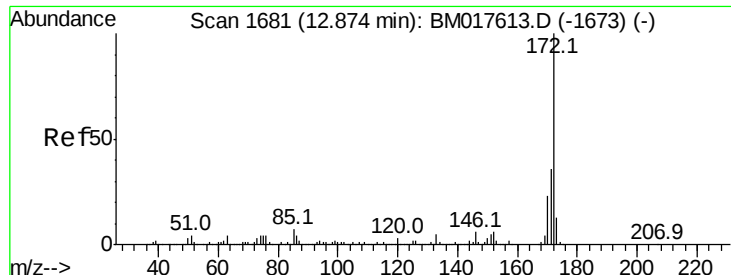
Sohil
11/19/2018 3:07:35 PM



#44
2,4,5-Trichlorophenol
Concen: 47.131 ng
RT: 12.75 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	615523		
198	95.2	76.8	115.2	
97	50.8	39.0	58.6	
132	27.3	20.4	30.6	





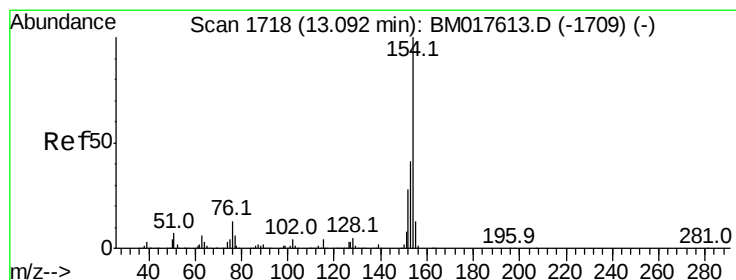
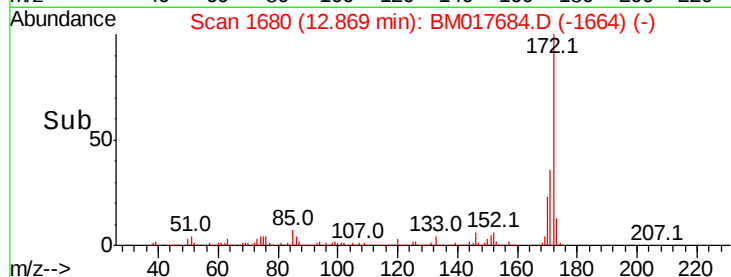
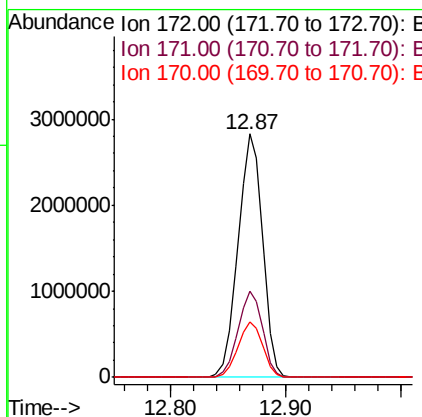
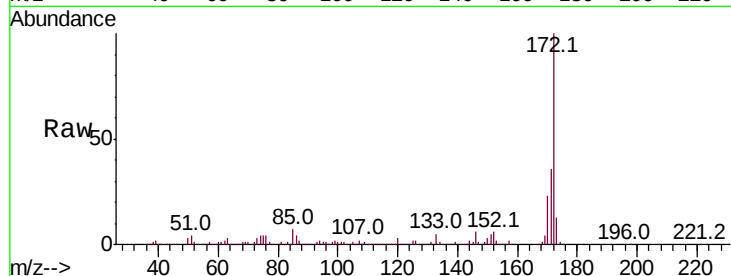
#45
2-Fluorobiphenyl
Concen: 96.235 ng
RT: 12.87 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	23.0	18.3	27.5

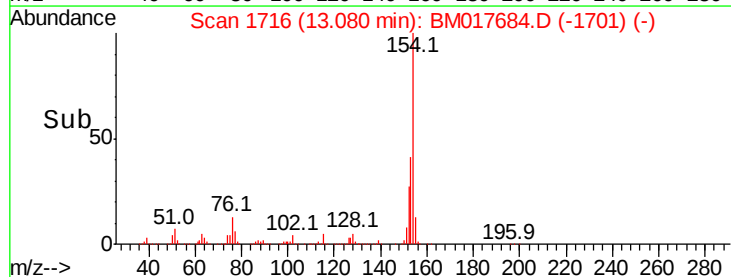
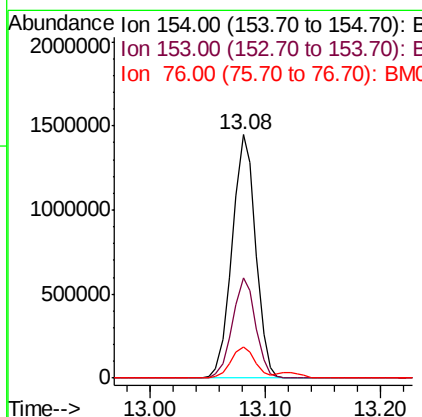
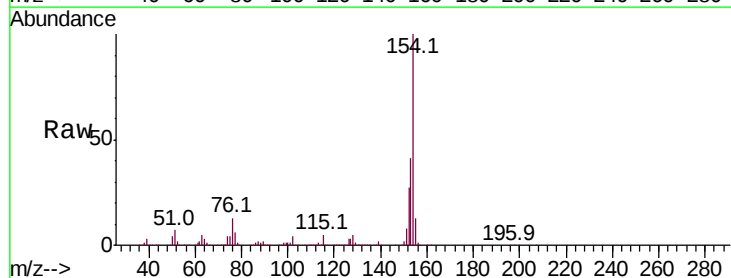
Manual Integrations
APPROVED

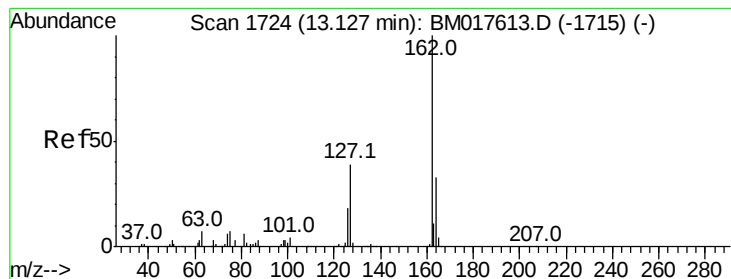
Sohil
11/19/2018 3:07:35 PM



#46
1,1'-Biphenyl
Concen: 40.627 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.8	60.8
76	12.7	0.0	32.8





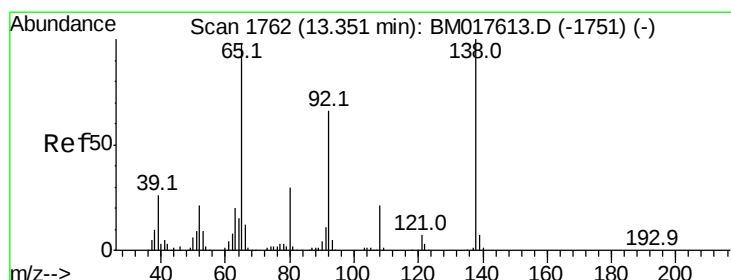
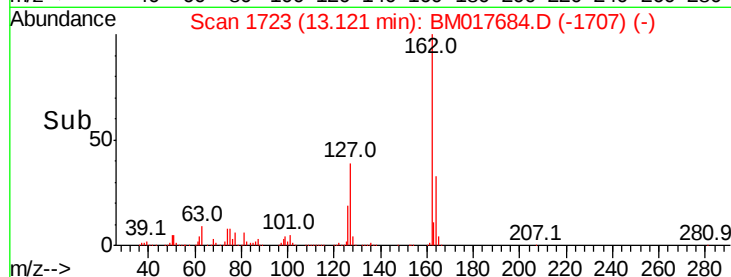
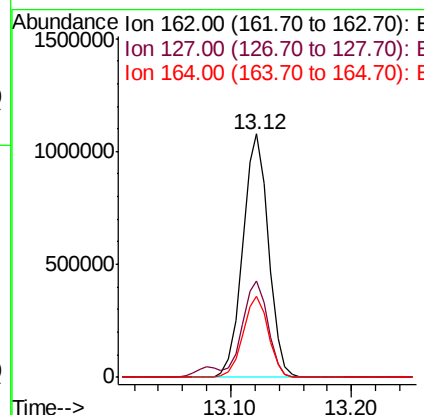
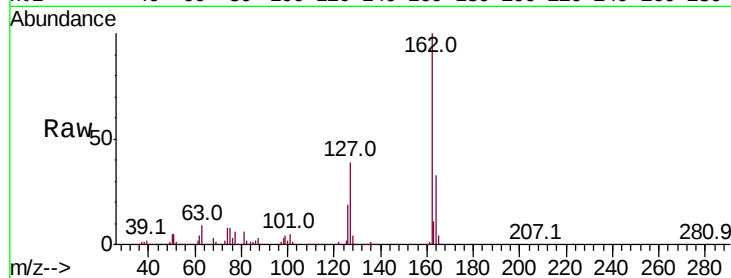
#47
 2-Chloronaphthalene
 Concen: 42.748 ng
 RT: 13.12 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.6	48.8
164	33.1	26.5	39.7

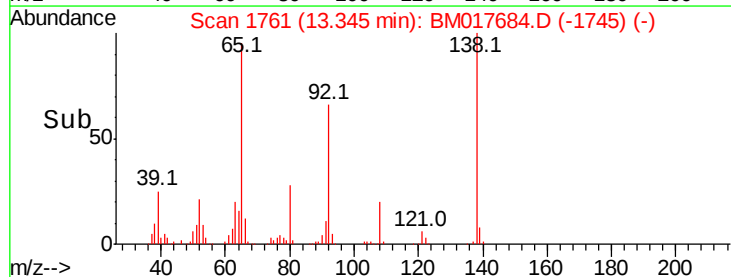
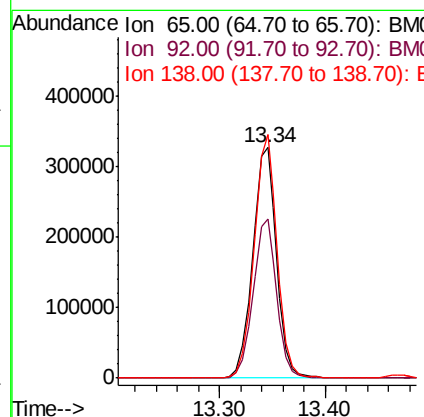
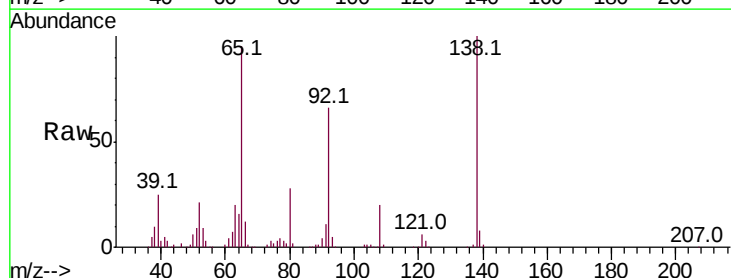
Manual Integrations
 APPROVED

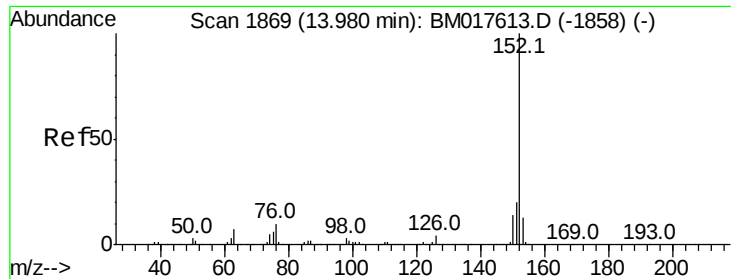
Sohil
 11/19/2018 3:07:35 PM



#48
 2-Nitroaniline
 Concen: 44.407 ng
 RT: 13.34 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.7	80.5
138	105.5	81.5	122.3





#49

Acenaphthylene

Concen: 47.443 ng

RT: 13.97 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

Tot Ion:152 Resp: 2659389

Ion Ratio Lower Upper

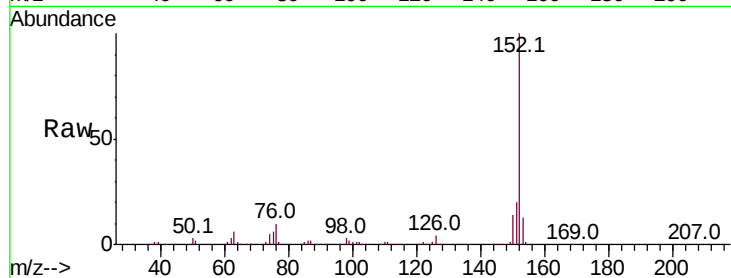
152 100

151 19.8 15.9 23.9

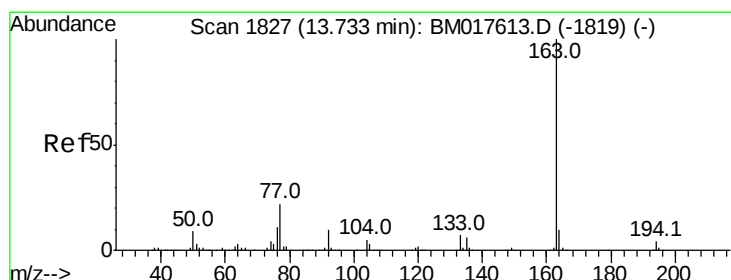
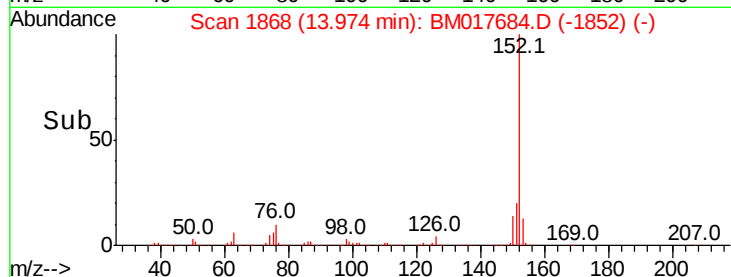
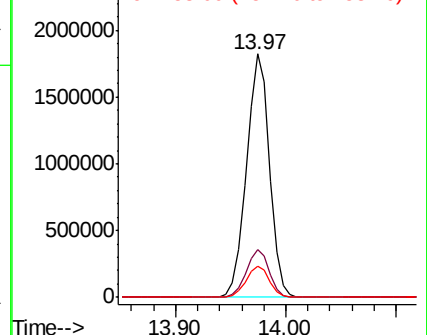
153 13.0 10.5 15.7

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM



Abundance Ion 152.00 (151.70 to 152.70): E
2500000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.389 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

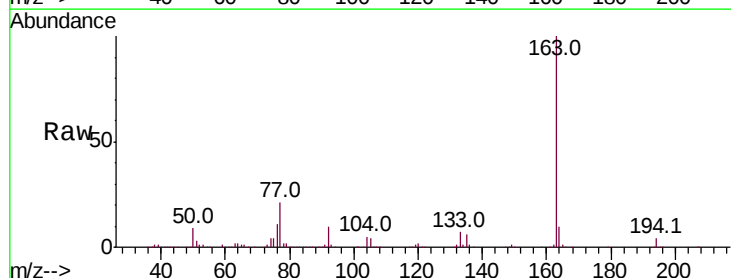
Tgt Ion:163 Resp: 2066529

Ion Ratio Lower Upper

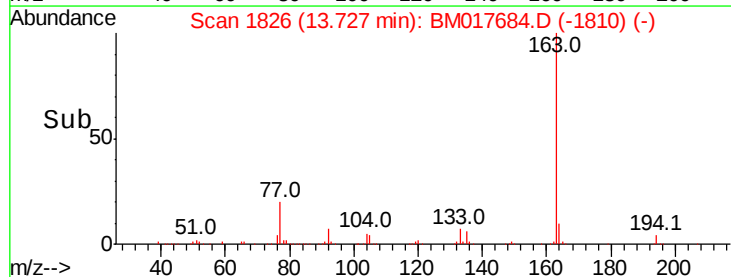
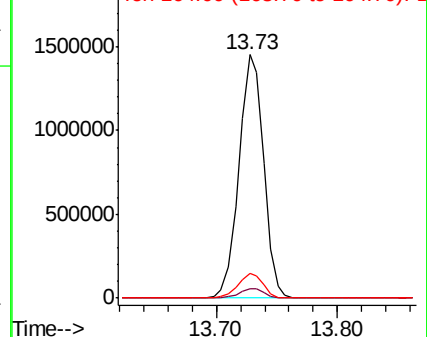
163 100

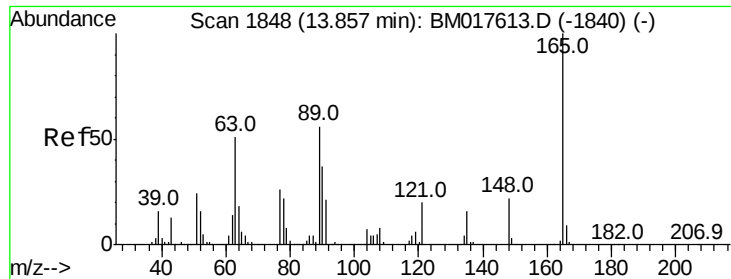
194 4.1 3.1 4.7

164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
2000000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





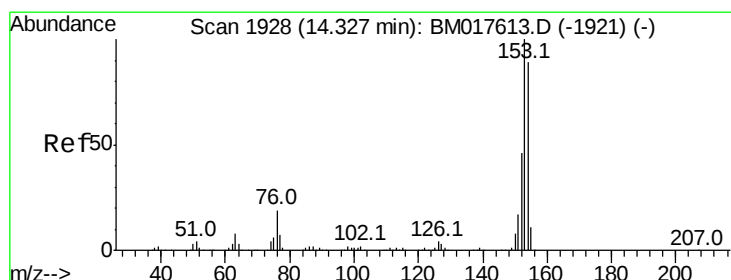
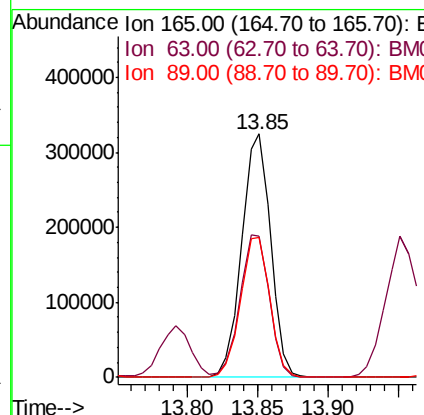
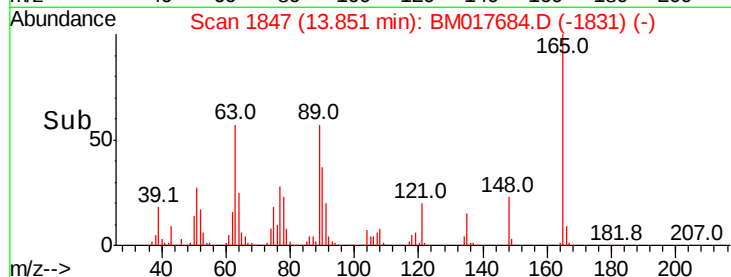
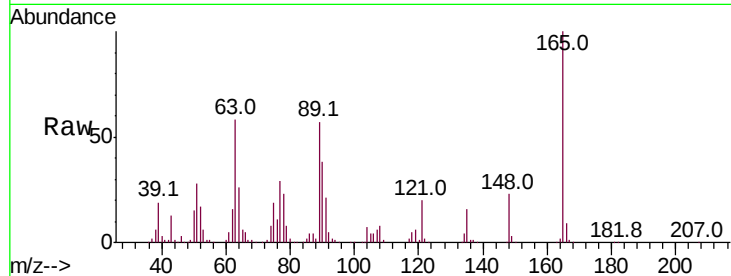
#51
 2,6-Dinitrotoluene
 Concen: 45.636 ng
 RT: 13.85 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.1	47.3	70.9
89	57.3	44.8	67.2

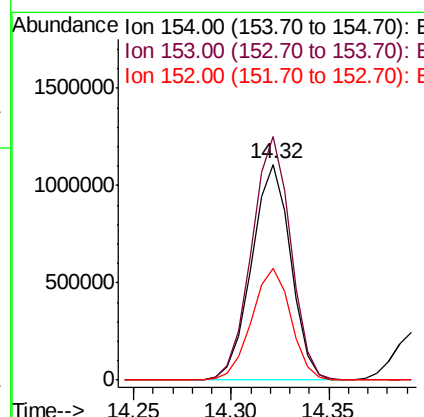
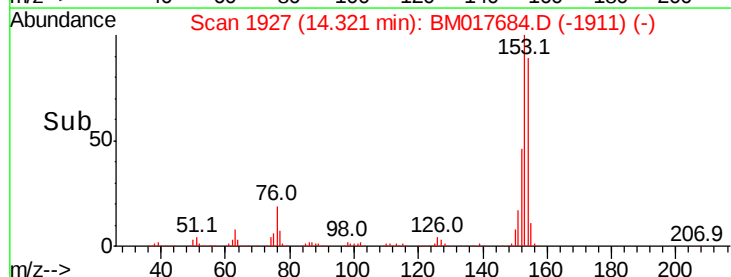
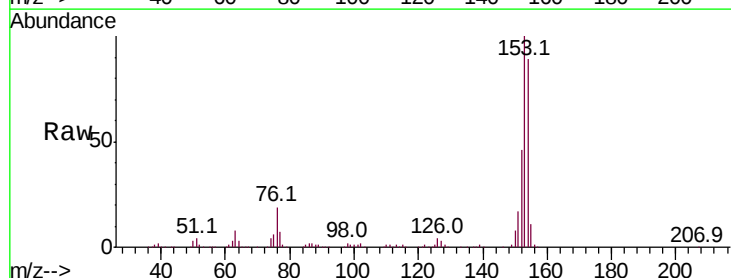
Manual Integrations
 APPROVED

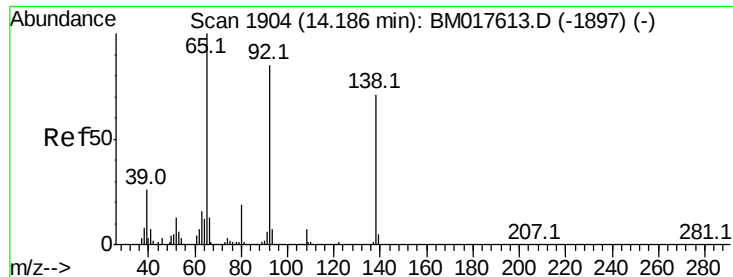
Sohil
 11/19/2018 3:07:35 PM



#52
 Acenaphthene
 Concen: 44.744 ng
 RT: 14.32 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.2	135.4
152	51.7	41.6	62.4





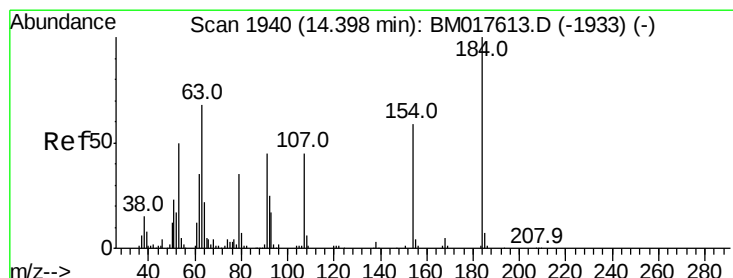
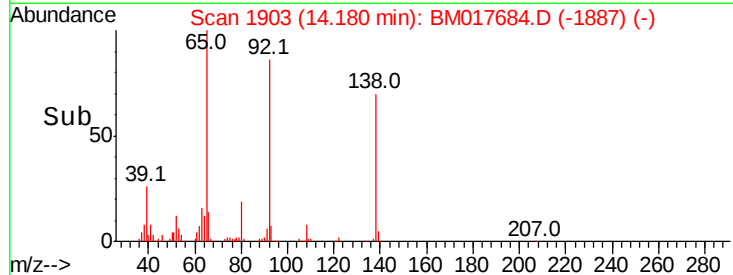
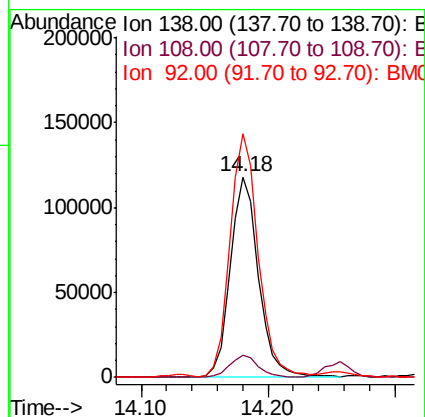
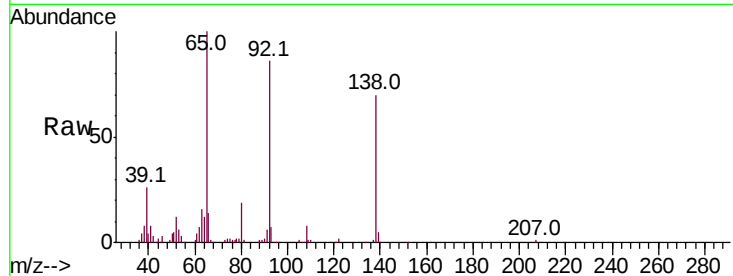
#53
3-Nitroaniline
Concen: 16.346 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.9	8.2	12.2	
92	121.6	95.4	143.2	

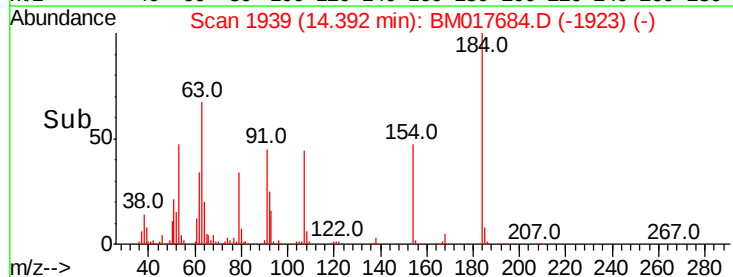
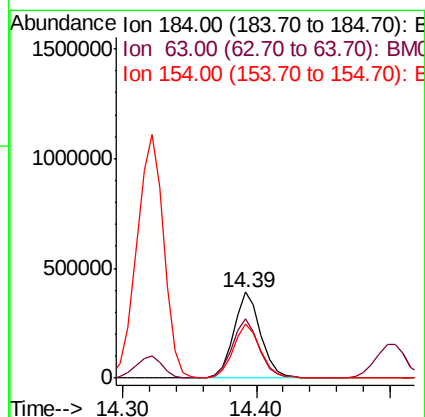
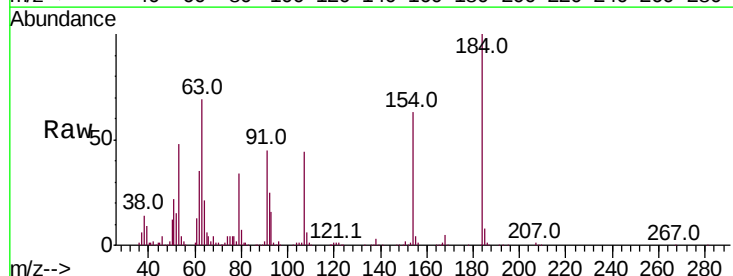
Manual Integrations
APPROVED

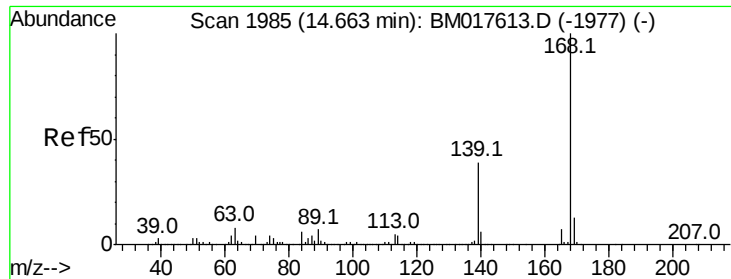
Sohil
11/19/2018 3:07:35 PM



#54
2,4-Dinitrophenol
Concen: 88.898 ng
RT: 14.39 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.5	55.1	82.7	
154	63.5	51.3	76.9	





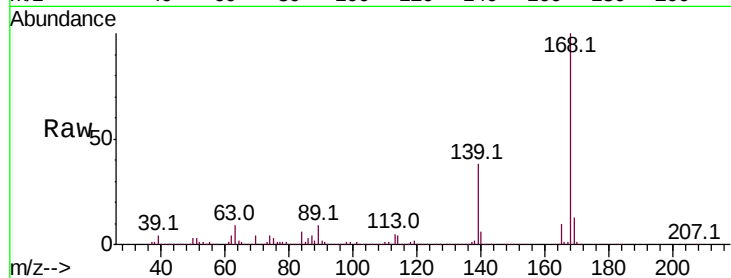
#55
Dibenzofuran
Concen: 44.615 ng
RT: 14.66 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

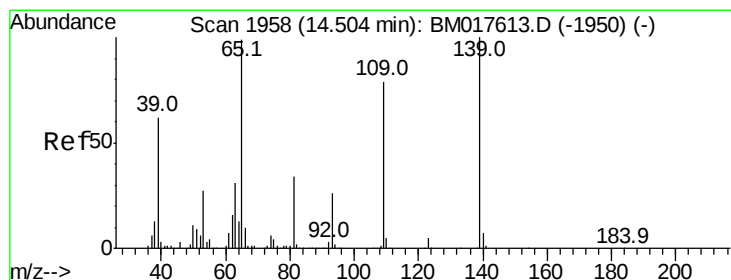
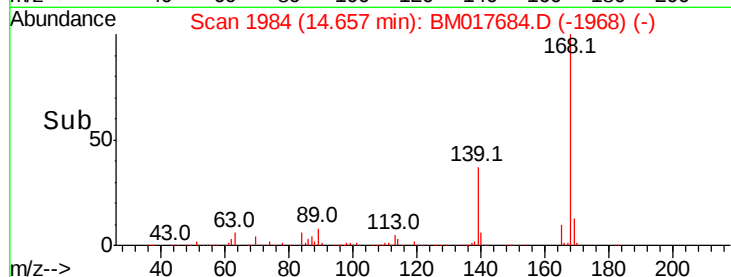
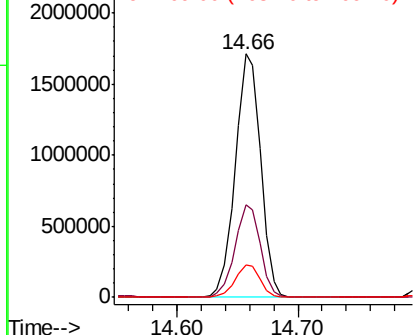
Tot Ion:168 Resp: 2508194
Ion Ratio Lower Upper
168 100
139 37.9 31.0 46.6
169 13.4 10.6 16.0

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM

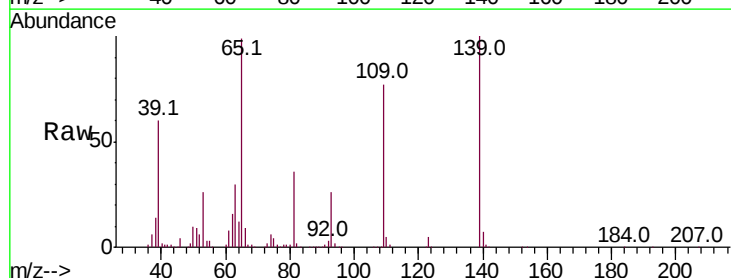


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

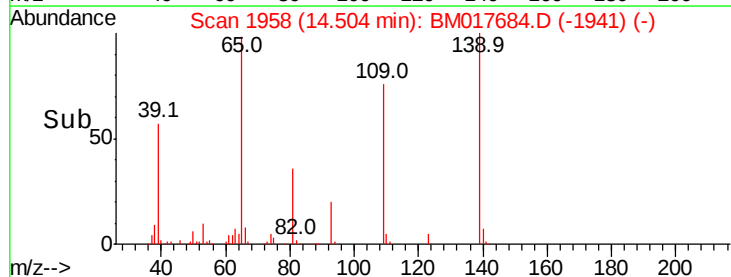
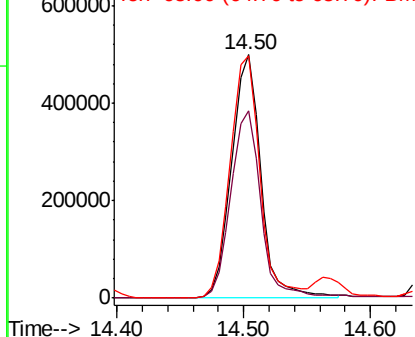


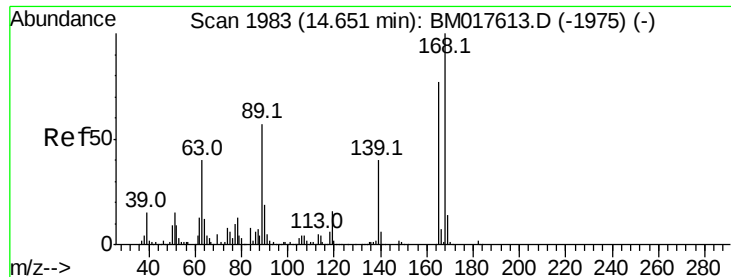
#56
4-Nitrophenol
Concen: 85.836 ng
RT: 14.50 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion:139 Resp: 799958
Ion Ratio Lower Upper
139 100
109 76.7 58.6 98.6
65 99.4 79.5 119.5



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): BM0





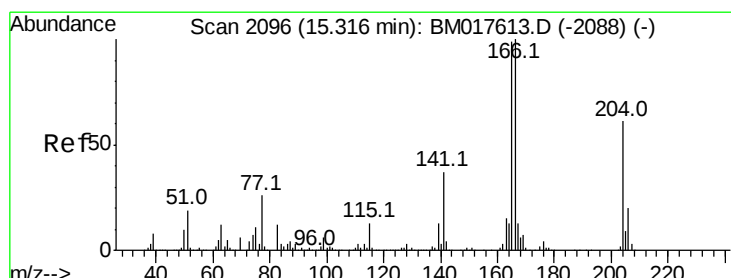
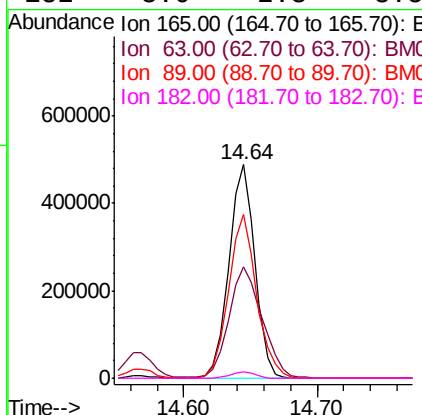
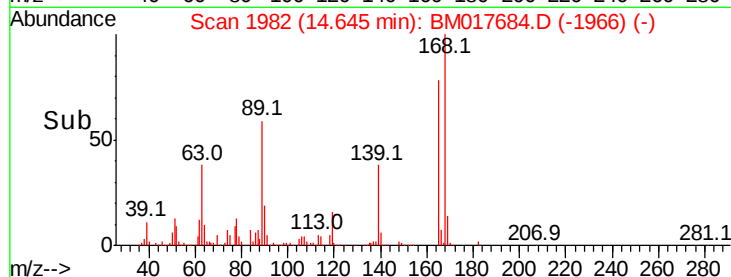
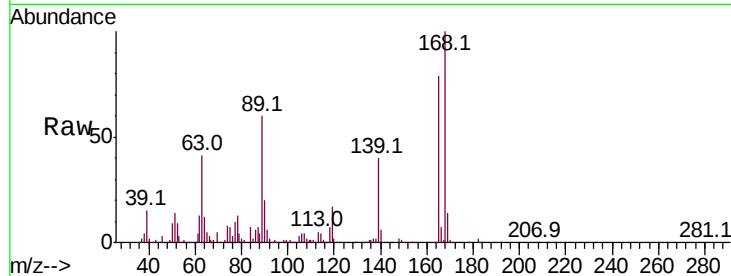
#57
2,4-Dinitrotoluene
Concen: 48.705 ng
RT: 14.64 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	665608		
63	52.0	41.8	62.8	
89	76.8	59.5	89.3	
182	3.0	2.3	3.5	

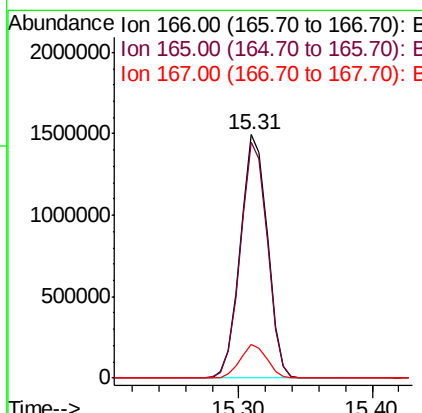
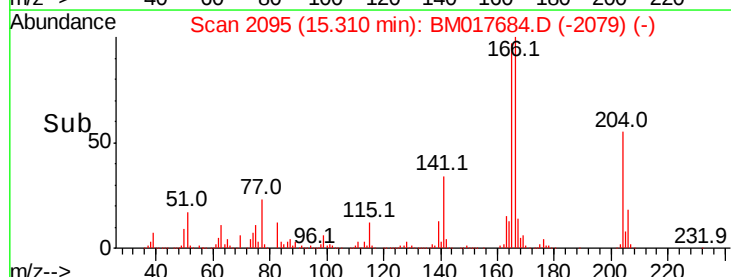
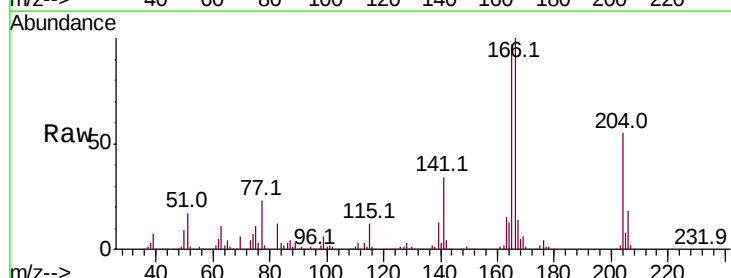
Manual Integrations
APPROVED

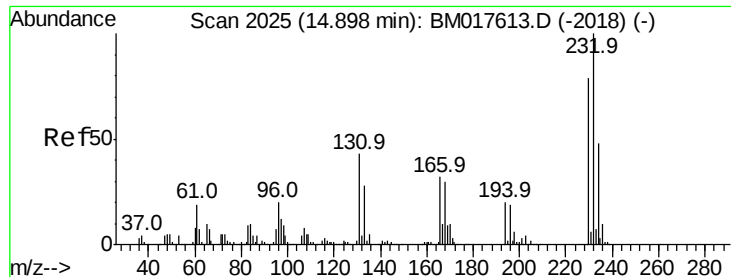
Sohil
11/19/2018 3:07:35 PM



#58
Fluorene
Concen: 48.577 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2090689		
165	97.2	79.0	118.6	
167	13.6	10.8	16.2	





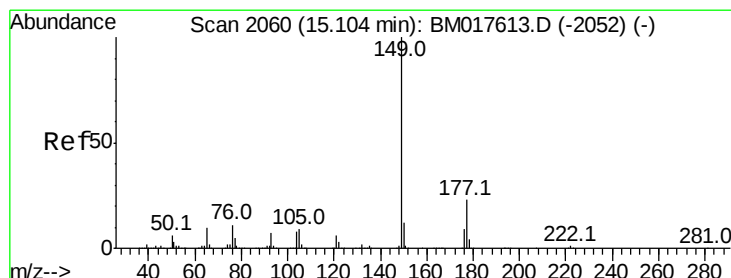
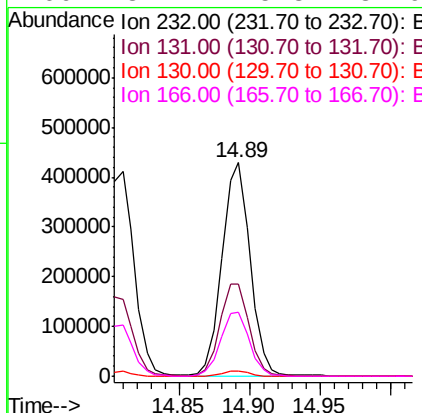
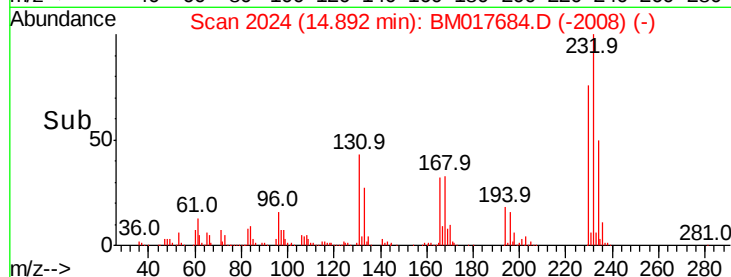
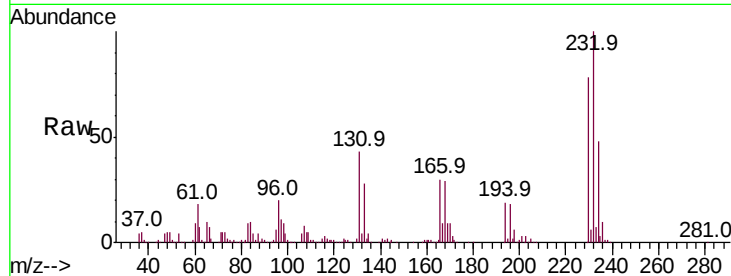
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.242 ng
RT: 14.89 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	34.8	52.2
130	2.4	1.9	2.9
166	31.2	25.3	37.9

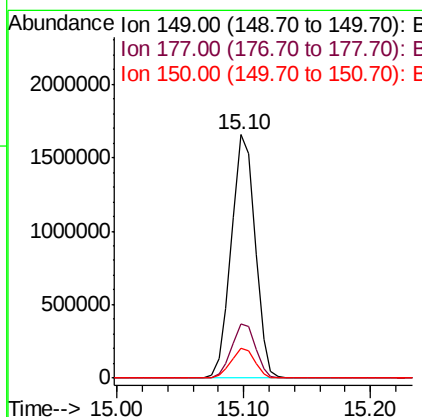
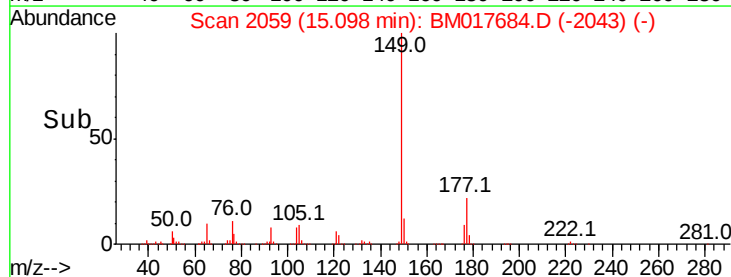
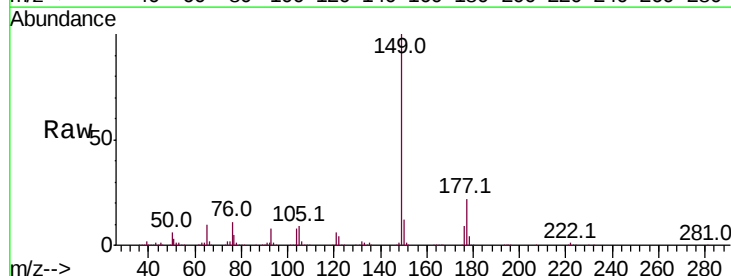
Manual Integrations
APPROVED

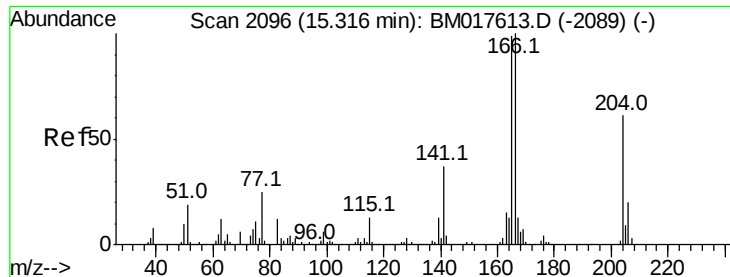
Sohil
11/19/2018 3:07:35 PM



#60
Diethylphthalate
Concen: 43.559 ng
RT: 15.10 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	18.1	27.1
150	12.2	9.9	14.9





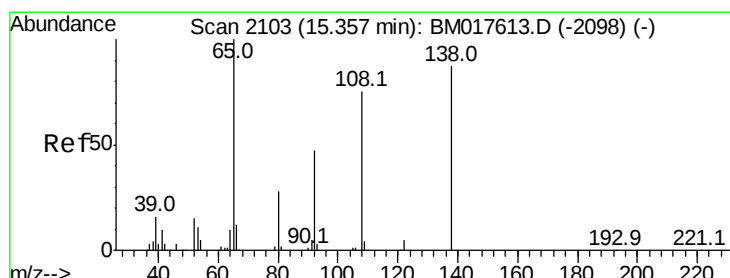
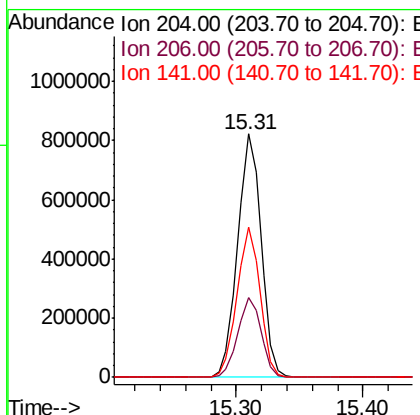
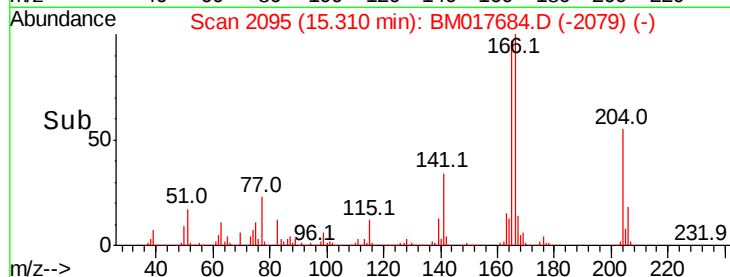
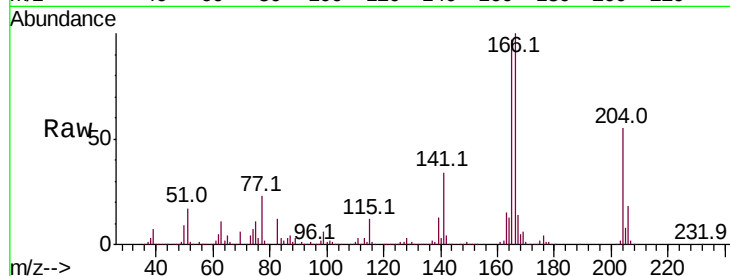
#61
 4-Chlorophenyl-phenylether
 Concen: 43.065 ng
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleID :
 PB114860BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	61.8	47.9	71.9

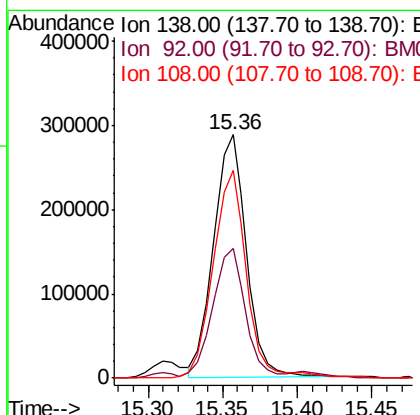
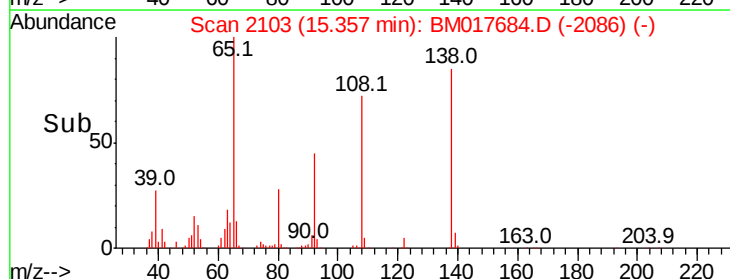
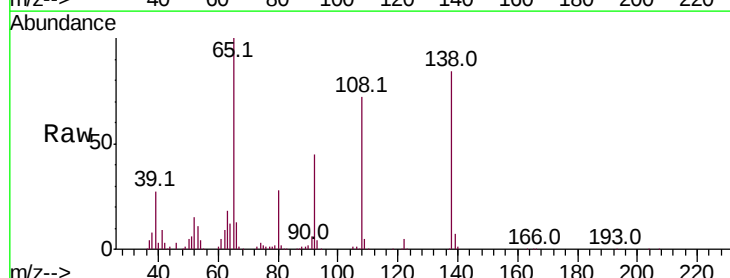
Manual Integrations
 APPROVED

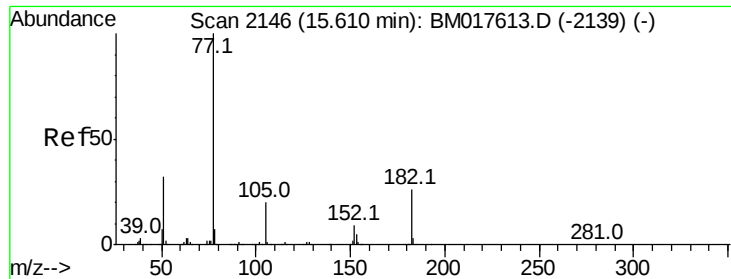
Sohil
 11/19/2018 3:07:35 PM



#62
 4-Nitroaniline
 Concen: 42.612 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. -0.00 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	33.4	73.4
108	85.2	64.3	104.3





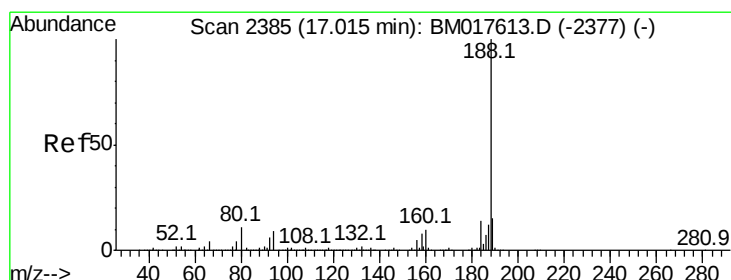
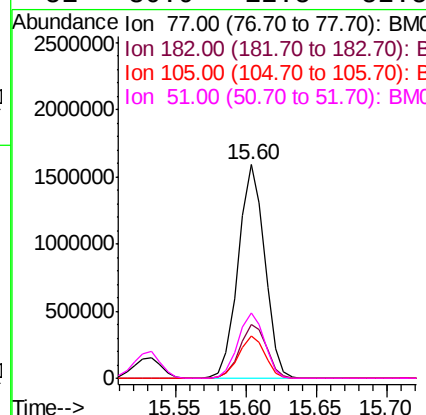
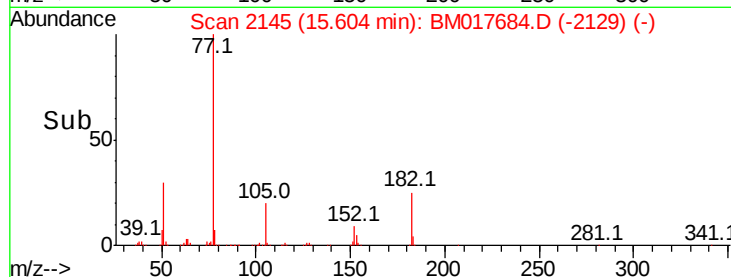
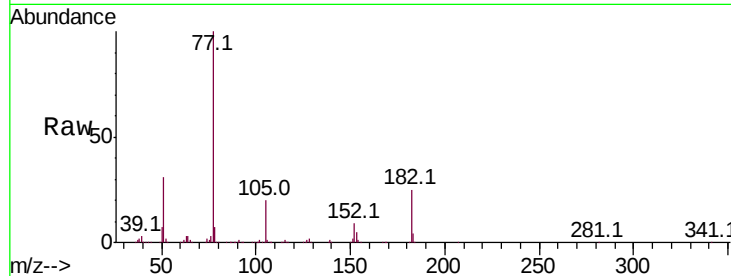
#63
Azobenzene
Concen: 45.646 ng
RT: 15.60 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	77	Resp	2075771
Ion	Ratio	Lower	Upper
77	100		
182	25.3	5.8	45.8
105	19.6	0.0	40.0
51	30.9	12.5	52.5

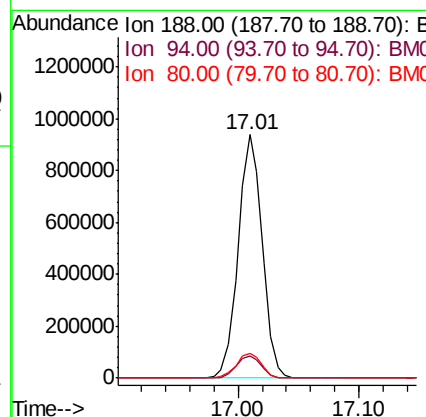
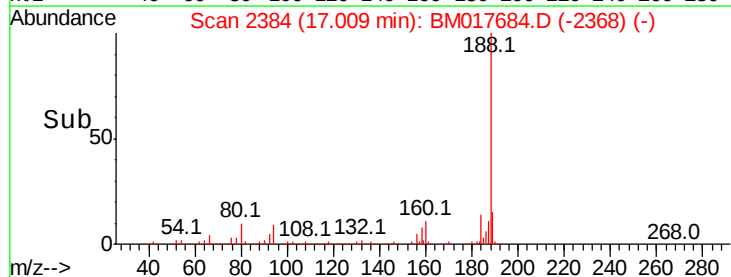
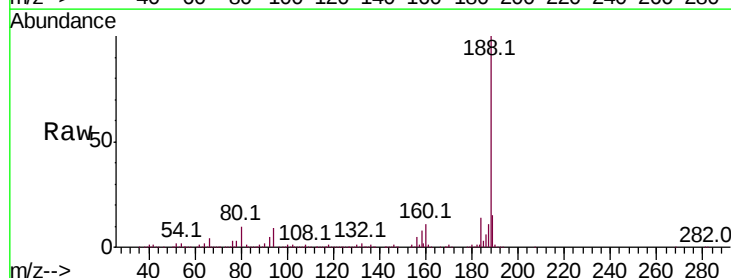
Manual Integrations
APPROVED

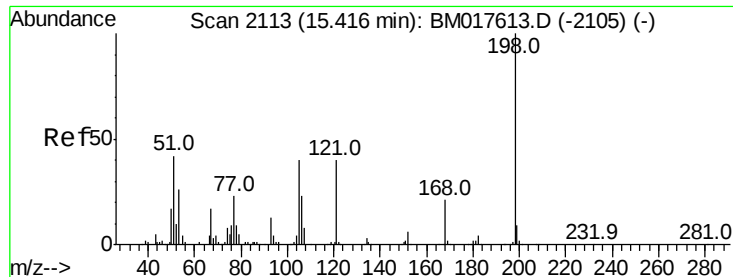
Sohil
11/19/2018 3:07:35 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	188	Resp	1300263
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	10.4	8.6	13.0





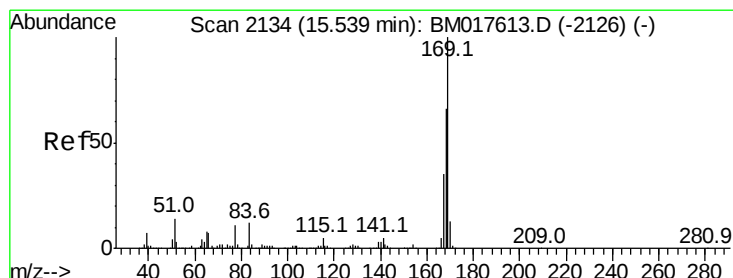
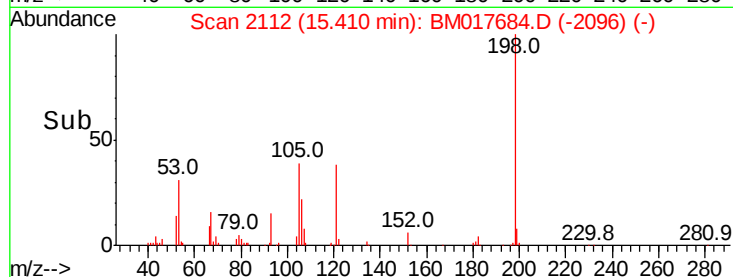
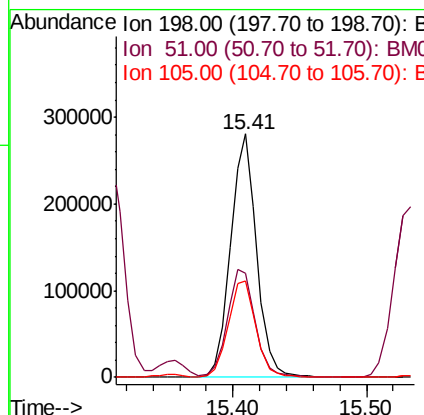
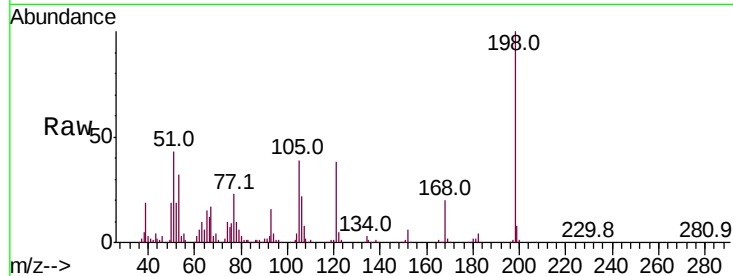
#65
4,6-Dinitro-2-methylphenol
Concen: 42.556 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	383328		
51	42.8	25.9	65.9	
105	39.4	20.6	60.6	

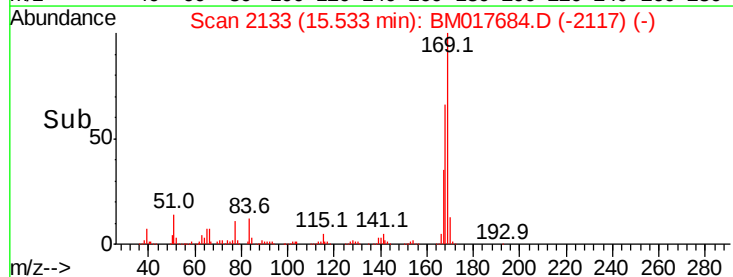
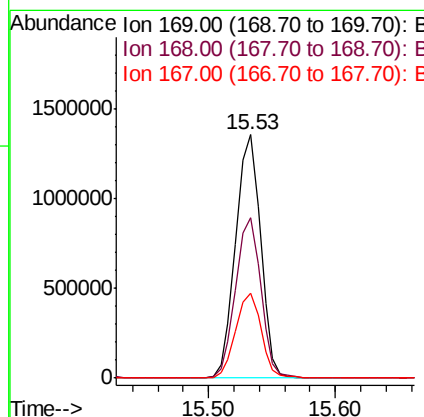
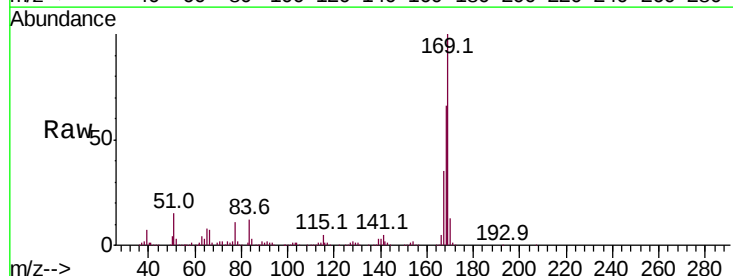
Manual Integrations
APPROVED

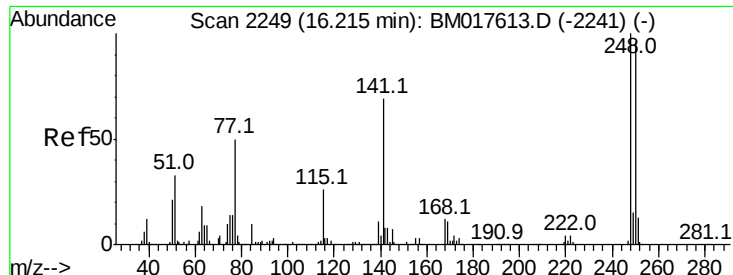
Sohil
11/19/2018 3:07:35 PM



#66
n-Nitrosodiphenylamine
Concen: 44.177 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1846803		
168	66.0	53.0	79.6	
167	34.8	28.0	42.0	





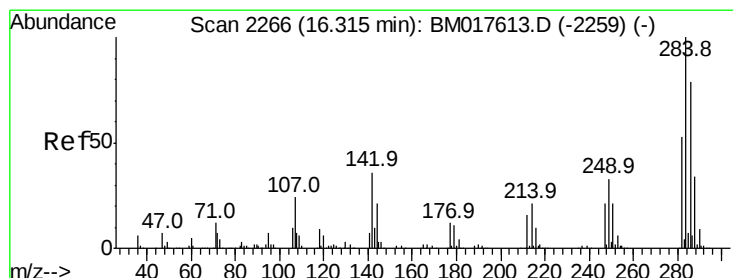
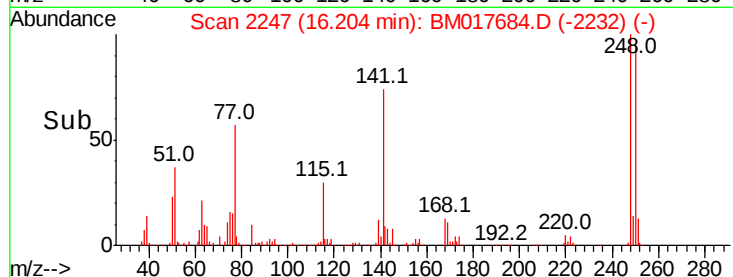
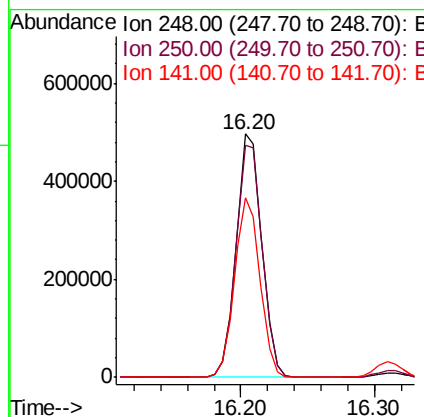
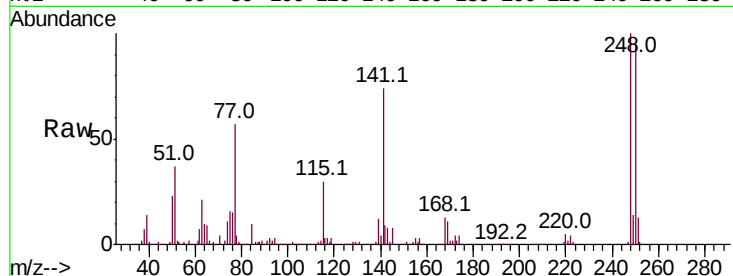
#67
4-Bromophenyl-phenylether
Concen: 43.069 ng
RT: 16.20 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	76.5	114.7
141	73.8	54.9	82.3

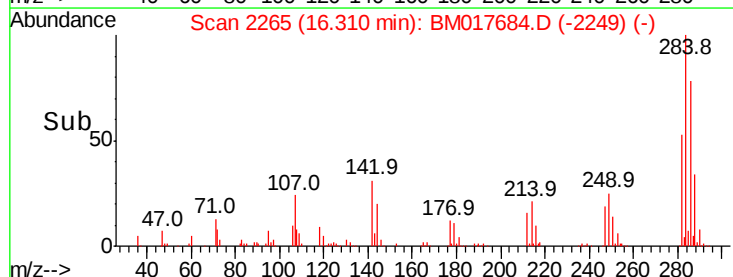
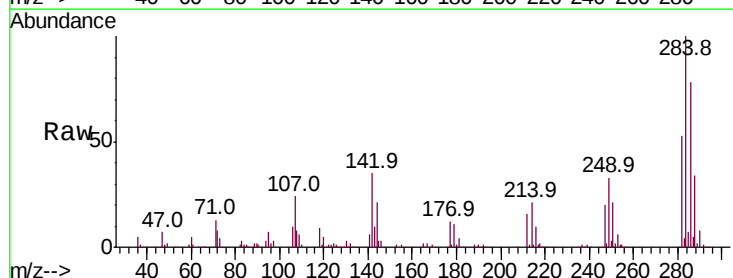
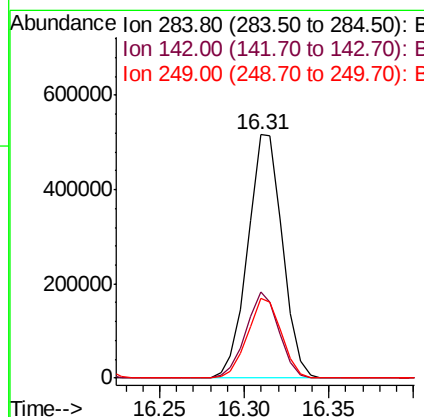
Manual Integrations
APPROVED

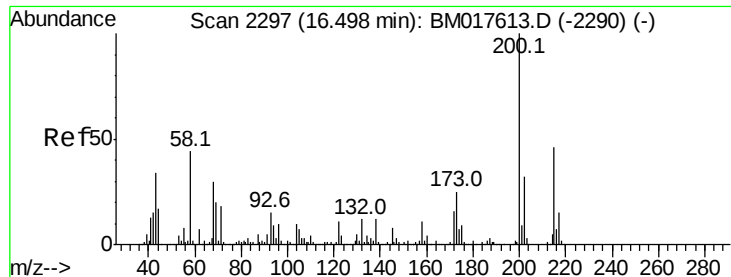
Sohil
11/19/2018 3:07:35 PM



#68
Hexachlorobenzene
Concen: 42.489 ng
RT: 16.31 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.4	42.6
249	32.5	26.4	39.6





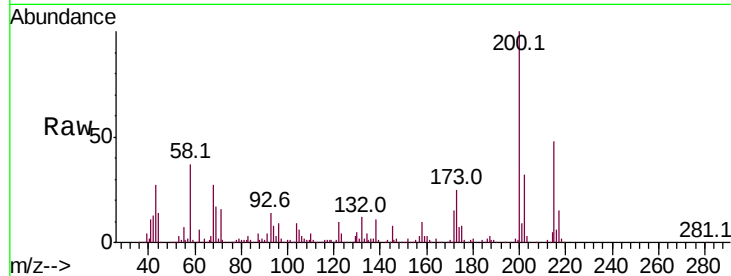
#69
Atrazine
Concen: 44.339 ng
RT: 16.50 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.2	5.1	45.1
215	48.3	25.8	65.8

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM

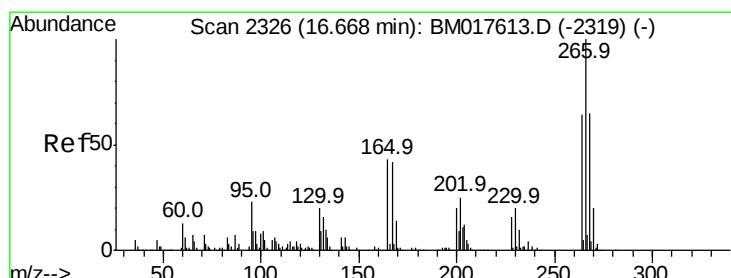
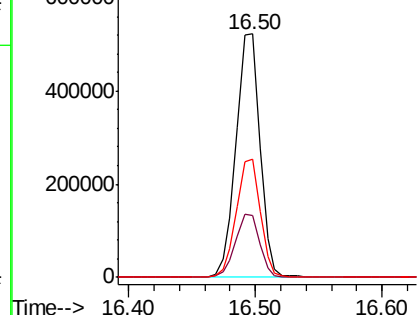
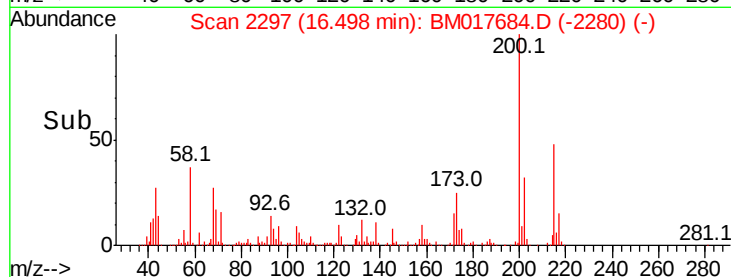


Abundance

Ion 200.00 (199.70 to 200.70): E

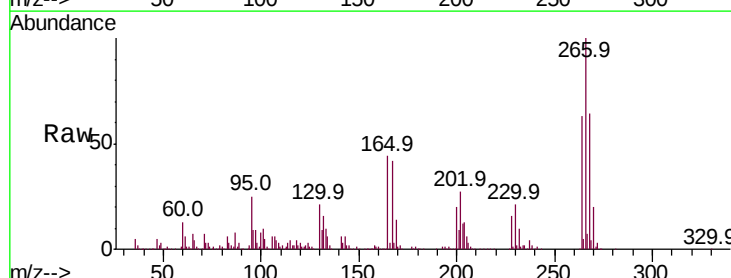
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 77.800 ng
RT: 16.66 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	51.7	77.5
264	63.1	51.3	76.9

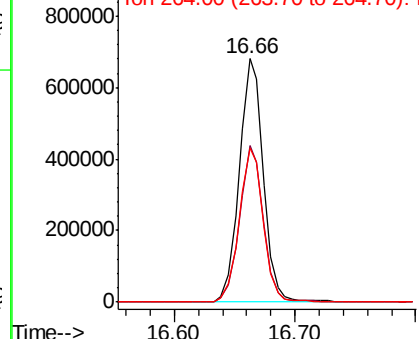
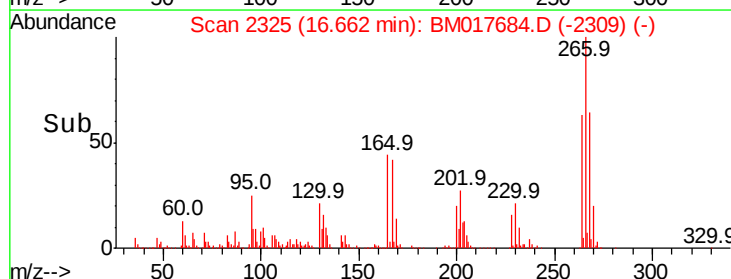


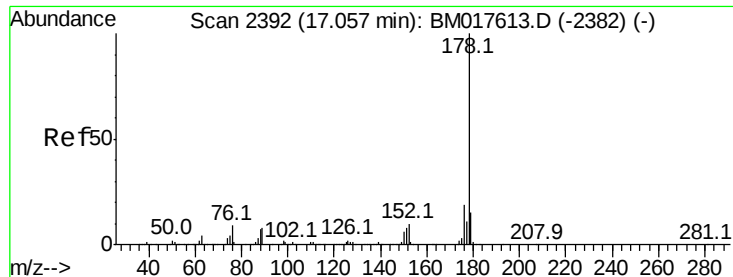
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.348 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

Tot Ion:178 Resp: 3340642

Ion Ratio Lower Upper

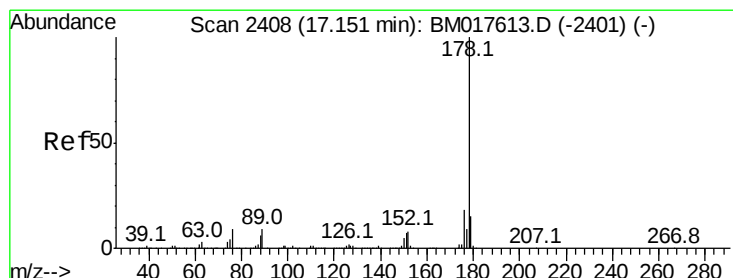
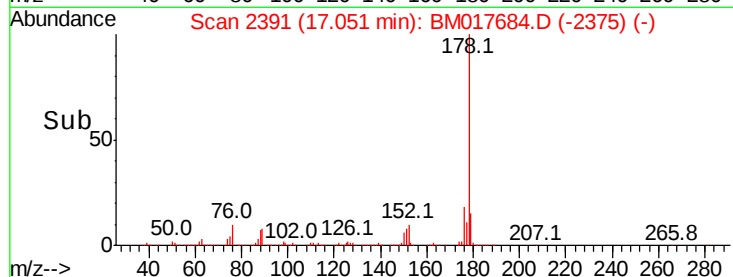
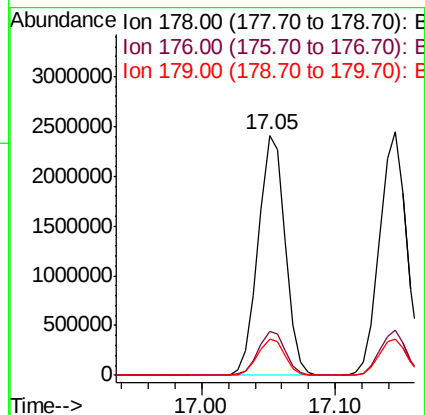
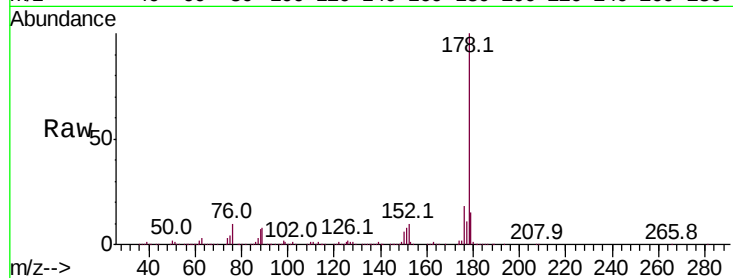
178 100

176 18.3 15.0 22.4

179 15.4 12.4 18.6

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM



#72

Anthracene

Concen: 49.573 ng

RT: 17.14 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

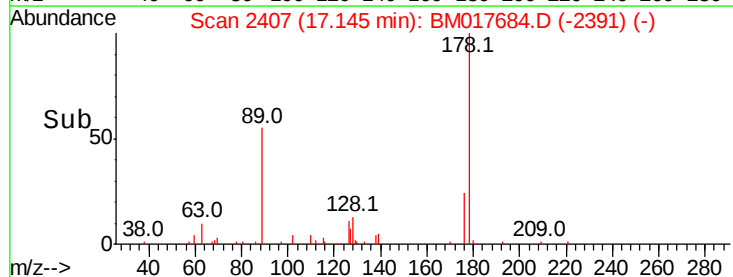
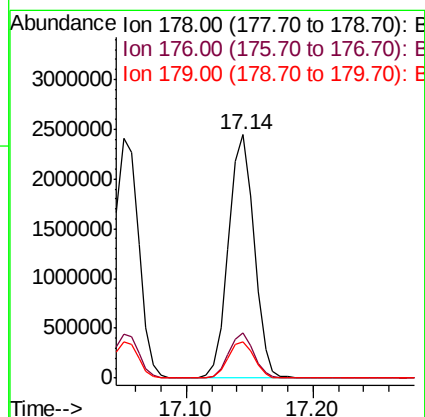
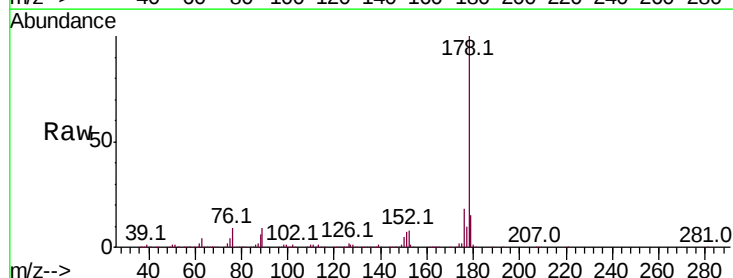
Tgt Ion:178 Resp: 3403517

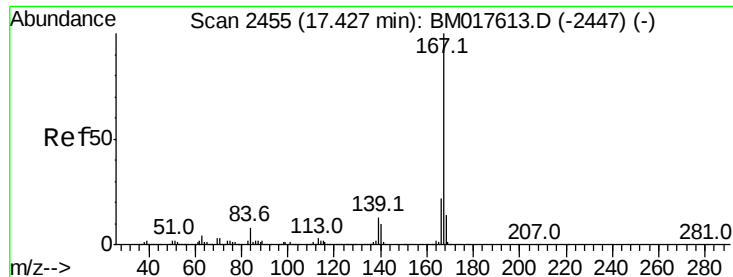
Ion Ratio Lower Upper

178 100

176 18.4 14.5 21.7

179 15.0 12.3 18.5





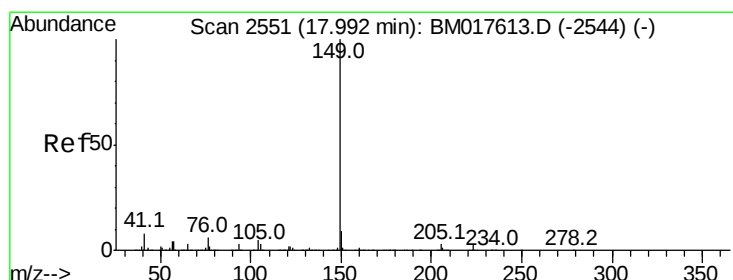
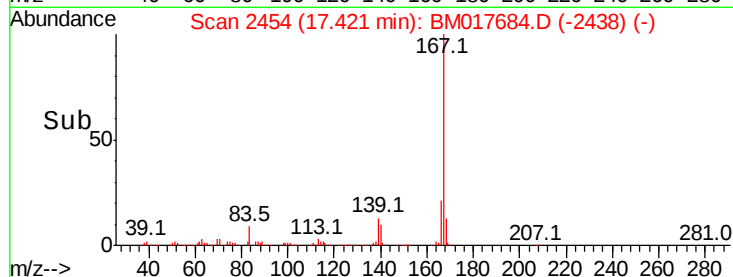
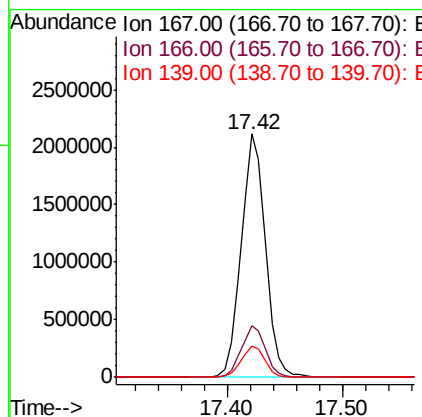
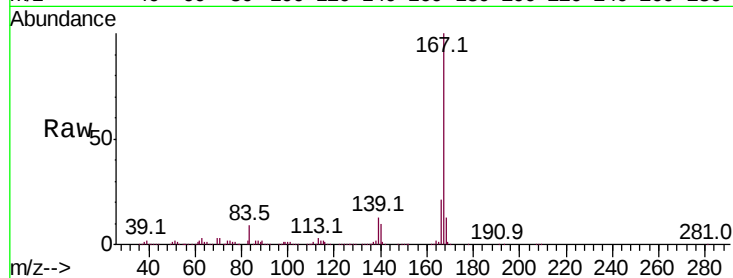
#73
 Carbazole
 Concen: 44.269 ng
 RT: 17.42 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleID :
 PB114860BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	12.9	10.2	15.4

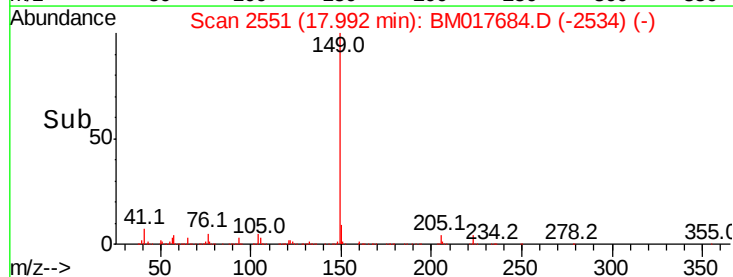
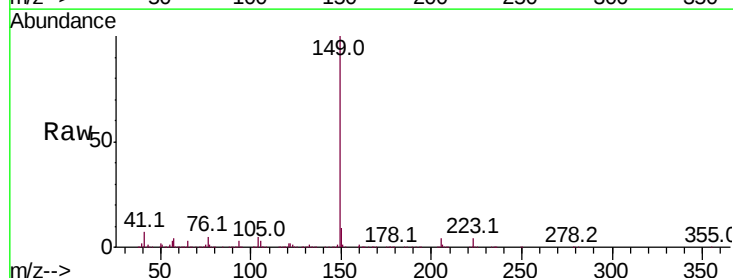
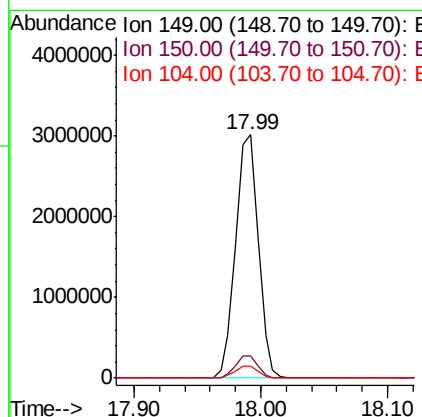
Manual Integrations
 APPROVED

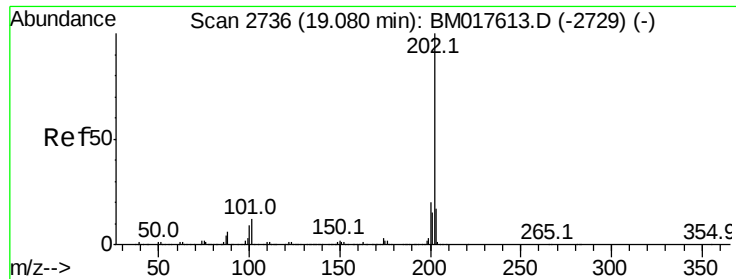
Sohil
 11/19/2018 3:07:35 PM



#74
 Di-n-butylphthalate
 Concen: 48.097 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.9	4.3	6.5





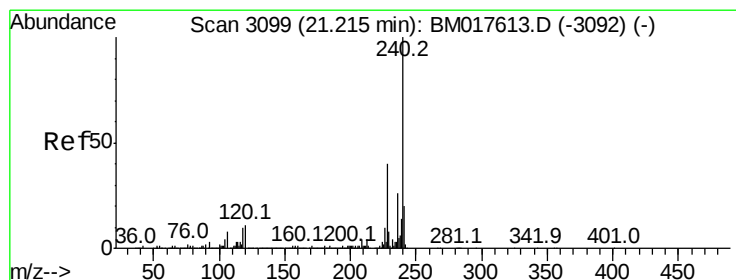
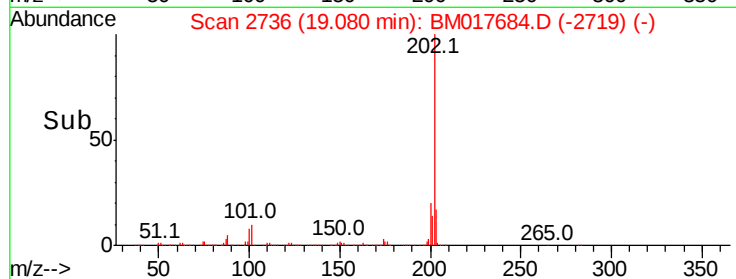
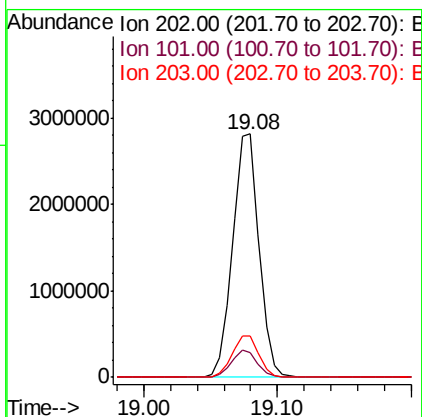
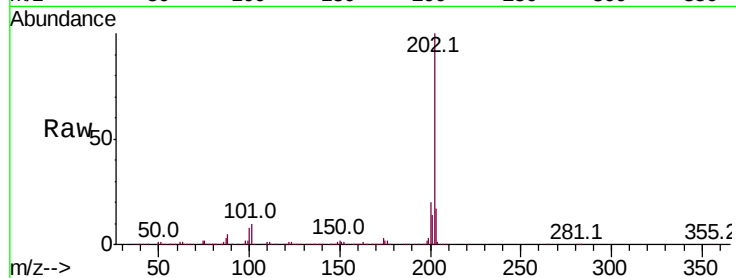
#75
 Fluoranthene
 Concen: 48.595 ng
 RT: 19.08 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	31.5
203	17.1	0.0	37.2

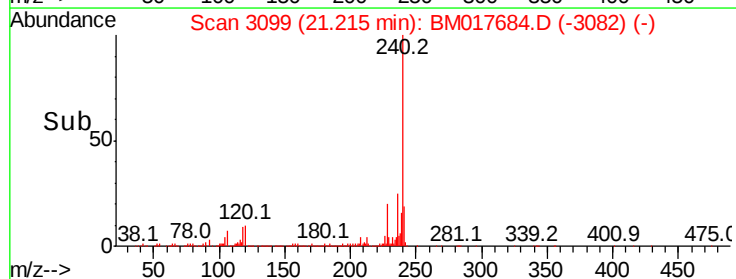
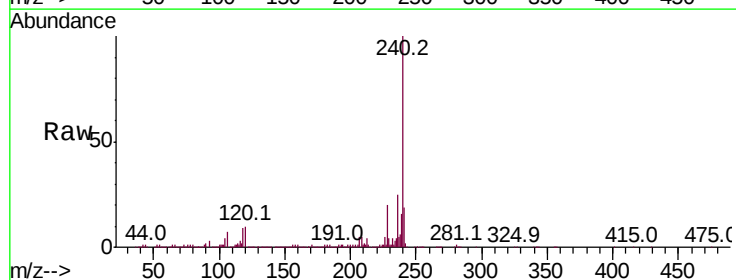
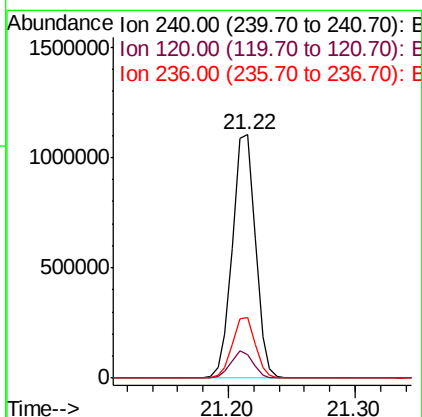
Manual Integrations
 APPROVED

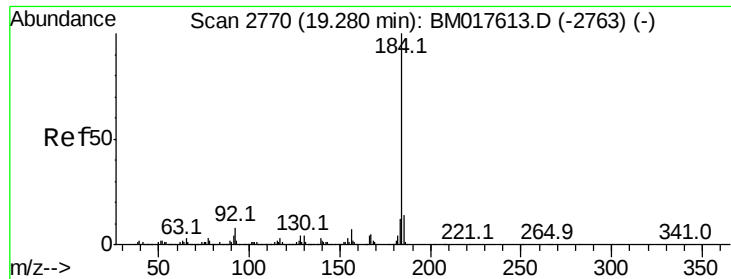
Sohil
 11/19/2018 3:07:35 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.22 min Scan# 3099
 Delta R.T. -0.00 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.5	12.7
236	25.1	20.4	30.6





#77

Benzidine

Concen: 27.904 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

Tot Ion:184 Resp: 1258326

Ion Ratio Lower Upper

184 100

185 14.2 11.2 16.8

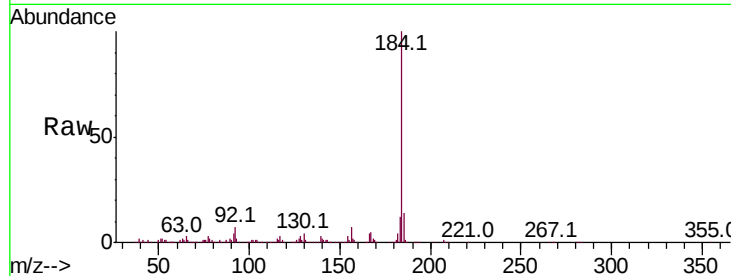
183 11.6 9.5 14.3

Manual Integrations

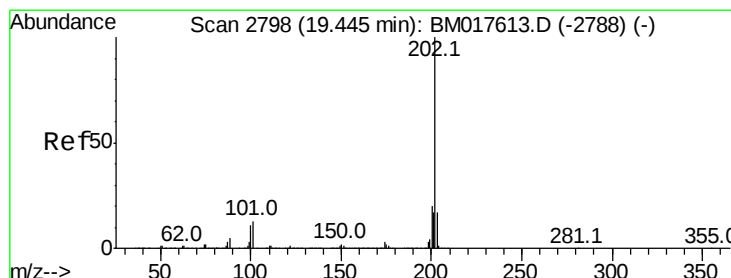
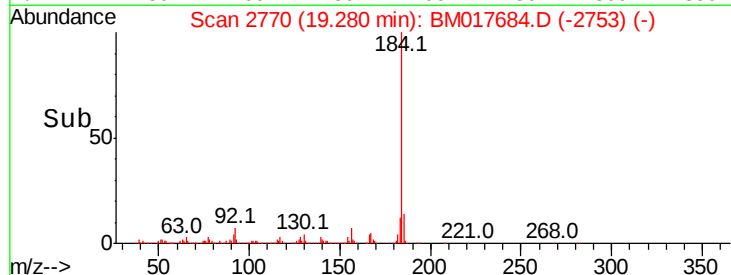
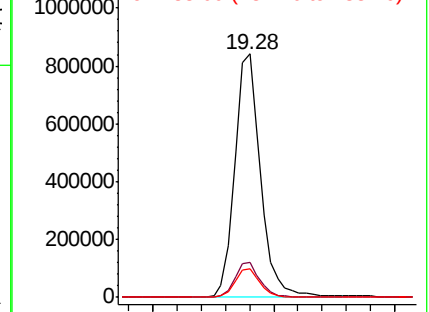
APPROVED

Sohil

11/19/2018 3:07:35 PM



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



#78

Pyrene

Concen: 46.741 ng

RT: 19.44 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

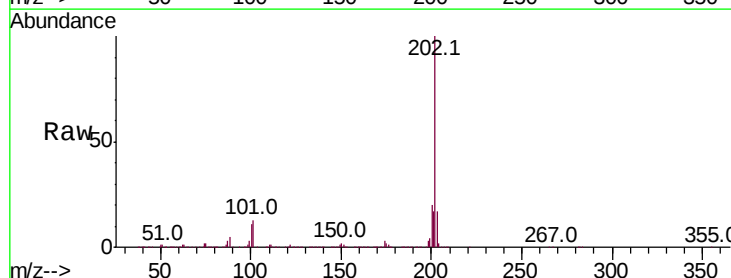
Tgt Ion:202 Resp: 3993736

Ion Ratio Lower Upper

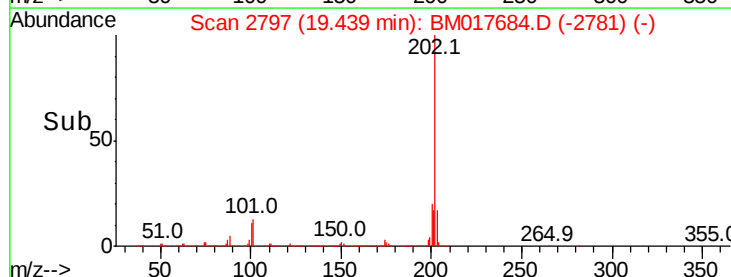
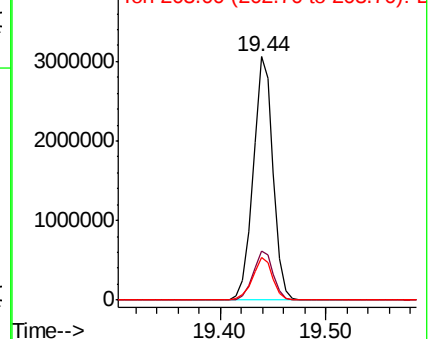
202 100

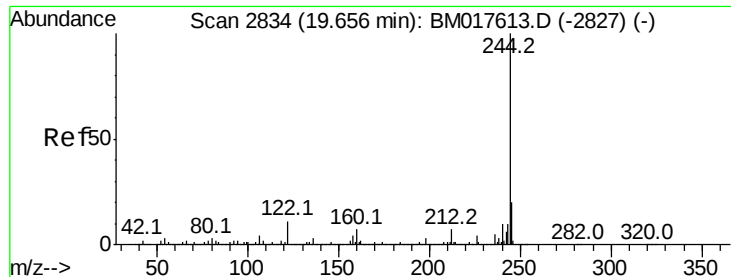
200 20.3 16.4 24.6

203 17.4 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





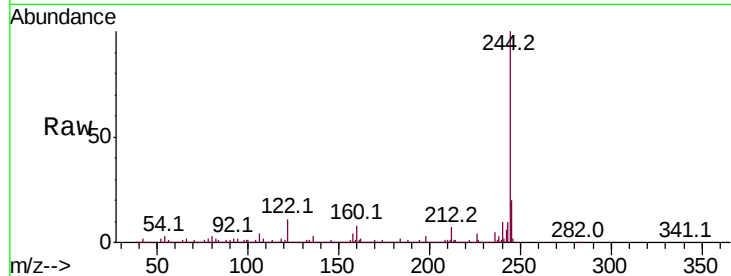
#79
 Terphenyl-d14
 Concen: 92.825 ng
 RT: 19.65 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

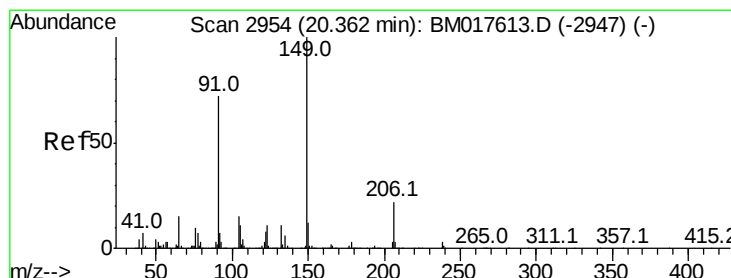
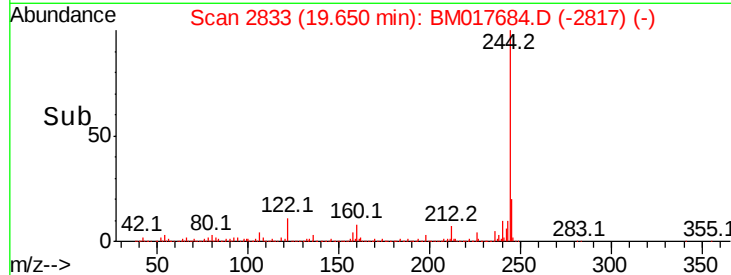
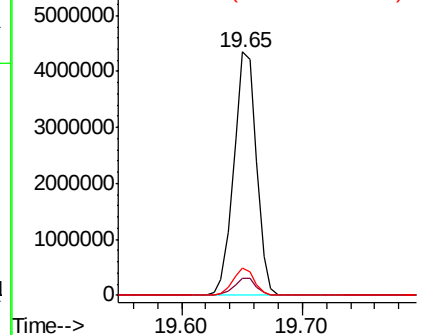
Tot Ion:244 Resp: 5671680
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.3 9.0 13.6

Manual Integrations
 APPROVED

Sohil
 11/19/2018 3:07:35 PM

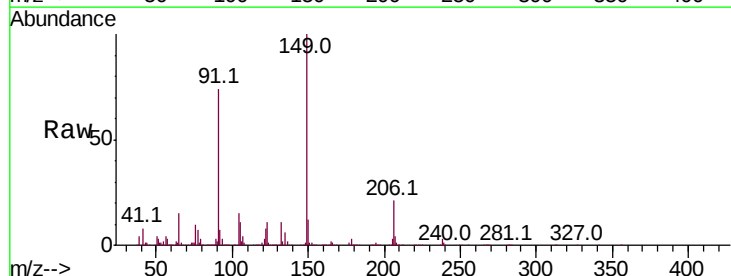


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

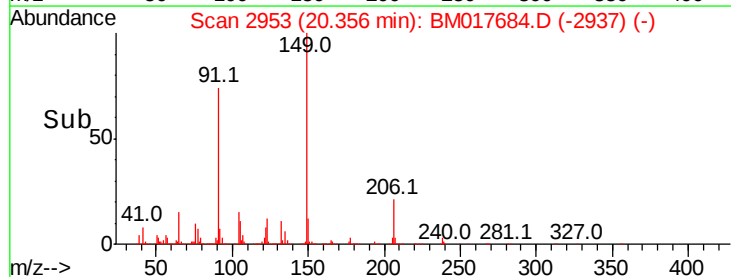
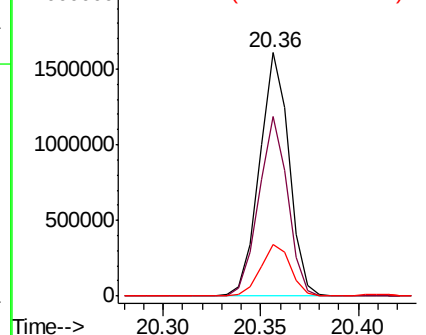


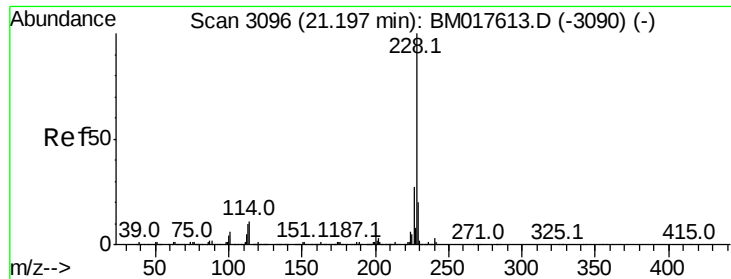
#80
 Butylbenzylphthalate
 Concen: 48.502 ng
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion:149 Resp: 1683189
 Ion Ratio Lower Upper
 149 100
 91 73.8 57.6 86.4
 206 21.0 17.4 26.0



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: 47.403 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

Tot Ion:228 Resp: 3781799

Ion Ratio Lower Upper

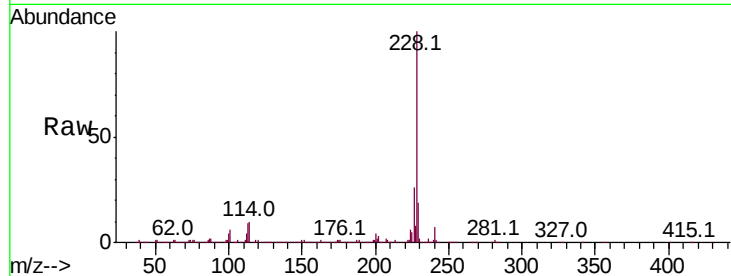
228 100

226 26.4 21.3 31.9

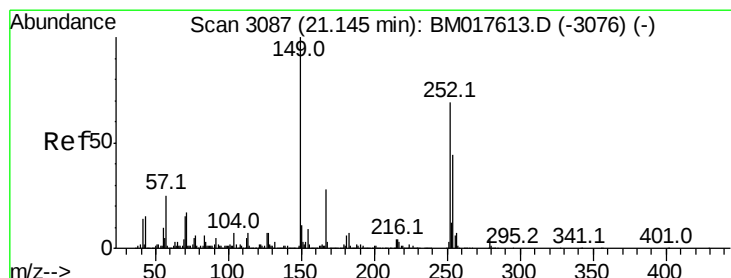
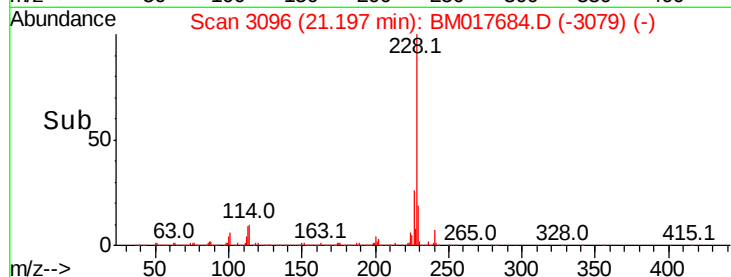
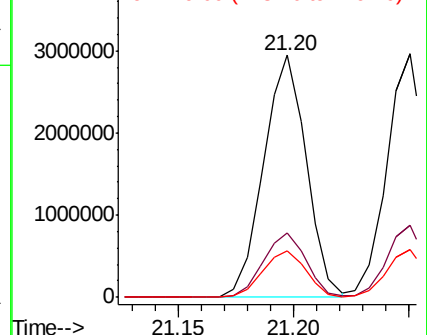
229 19.5 16.0 24.0

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM



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



#82

3,3'-Dichlorobenzidine

Concen: 22.548 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

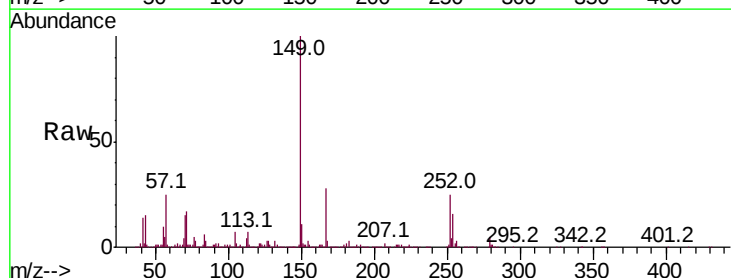
Tgt Ion:252 Resp: 694272

Ion Ratio Lower Upper

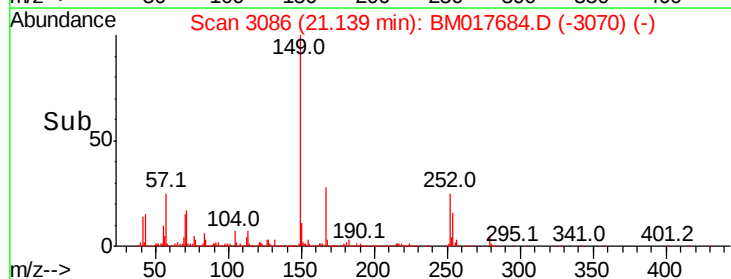
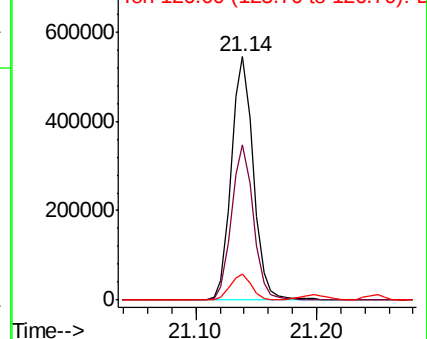
252 100

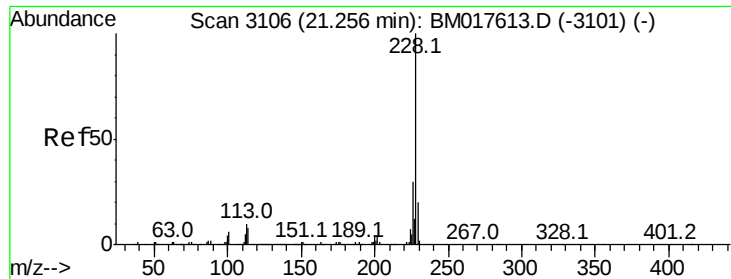
254 63.8 51.4 77.2

126 10.6 8.0 12.0



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





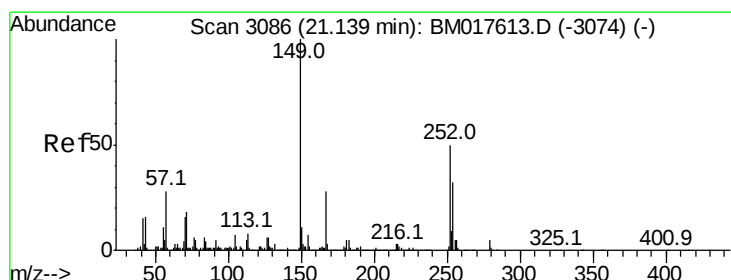
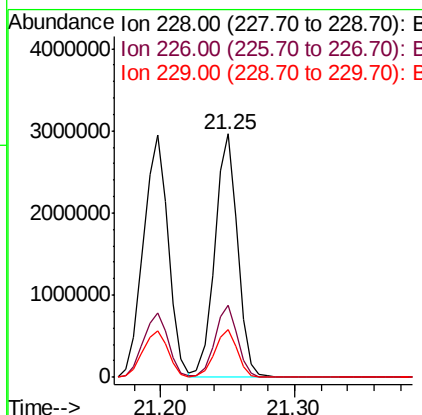
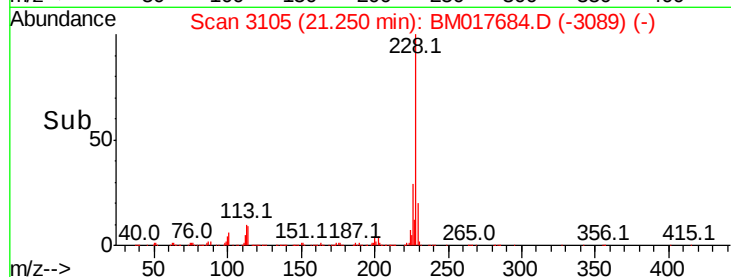
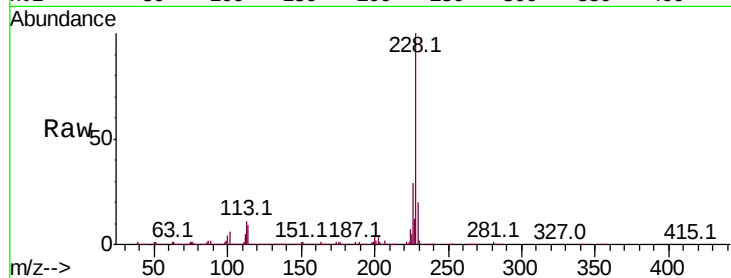
#83
 Chrysene
 Concen: 45.819 ng
 RT: 21.25 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	19.6	15.8	23.6

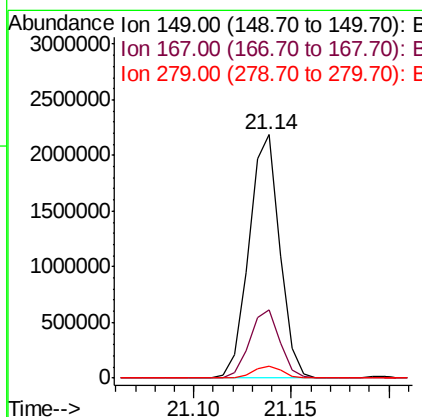
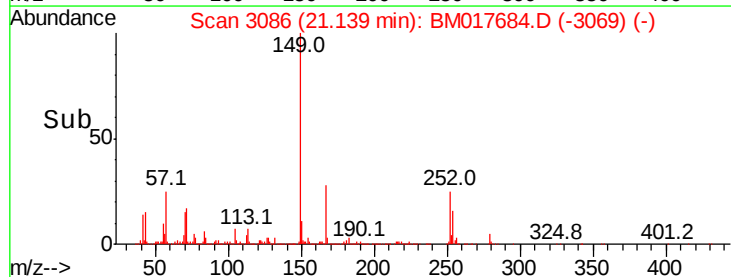
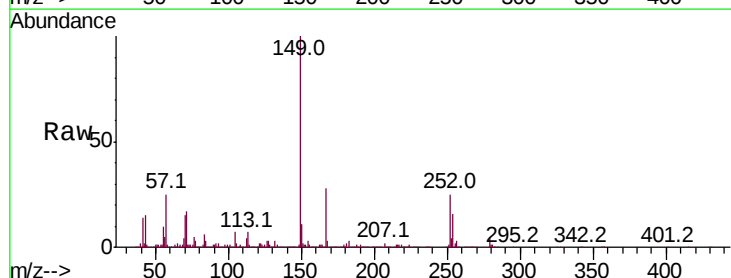
Manual Integrations
 APPROVED

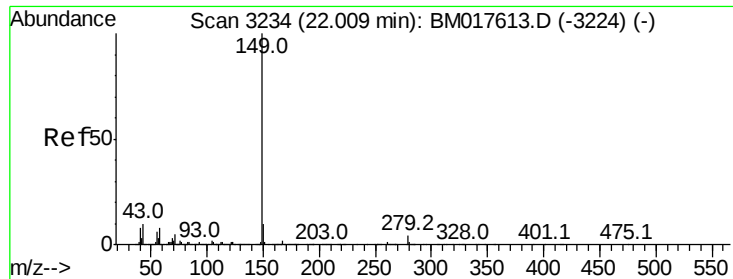
Sohil
 11/19/2018 3:07:35 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.459 ng
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: BM017684.D
 Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	4.8	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 49.084 ng

RT: 22.00 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

Tot Ion:149 Resp: 4032259

Ion Ratio Lower Upper

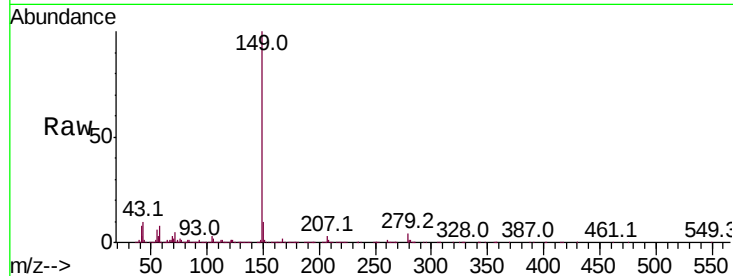
149 100

167 1.6 1.3 1.9

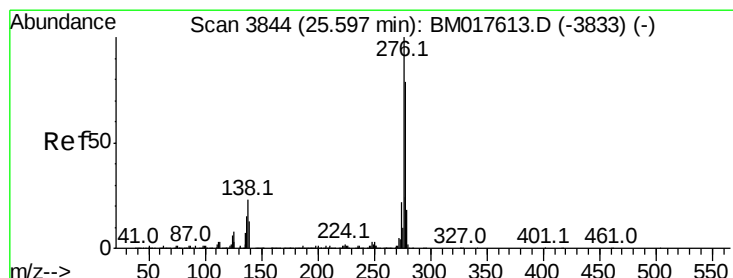
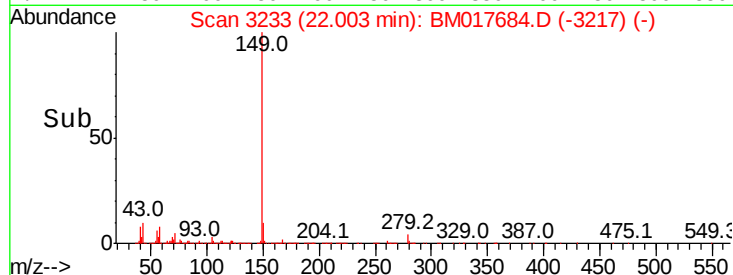
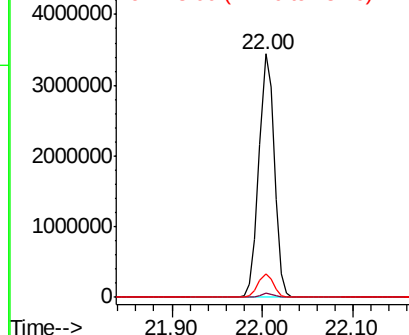
43 9.7 8.3 12.5

Manual Integrations
APPROVED

Sohil
11/19/2018 3:07:35 PM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.512 ng

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

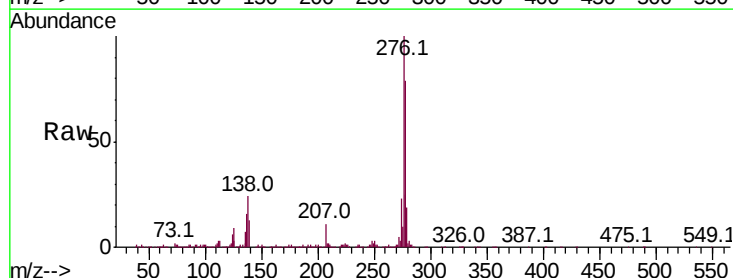
Tgt Ion:276 Resp: 3189698

Ion Ratio Lower Upper

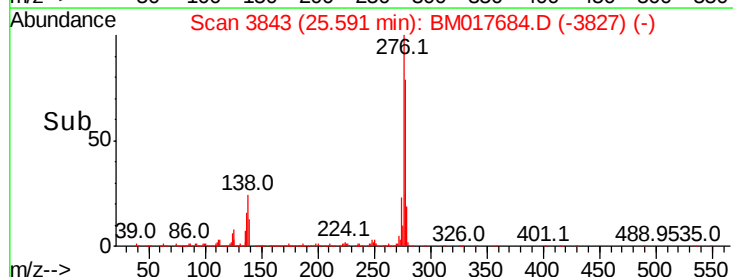
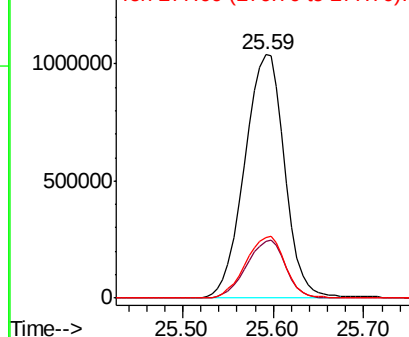
276 100

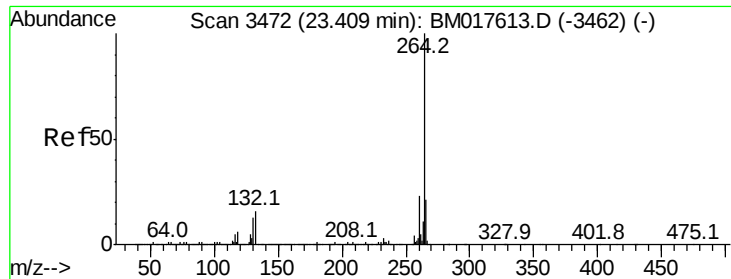
138 23.4 19.1 28.7

277 25.2 20.0 30.0



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

Tot Ion:264 Resp: 1177348

Ion Ratio Lower Upper

264 100

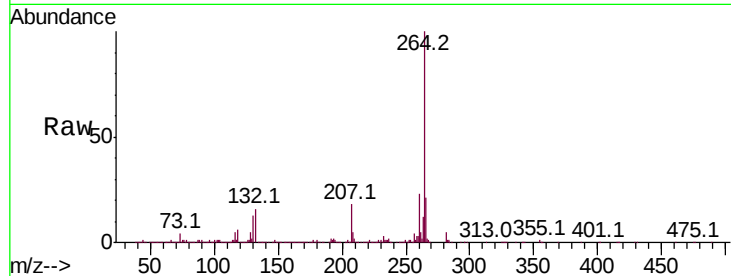
260 23.1 18.2 27.2

265 21.4 17.5 26.3

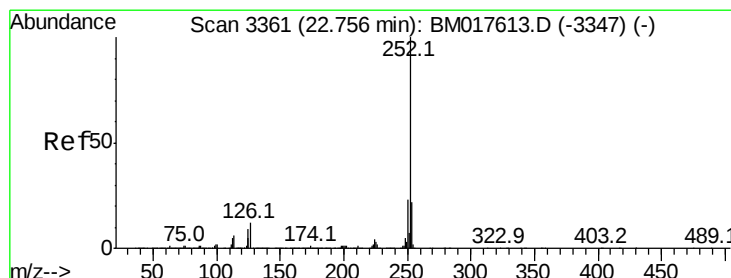
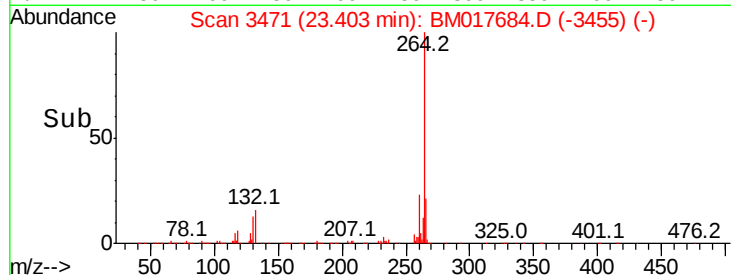
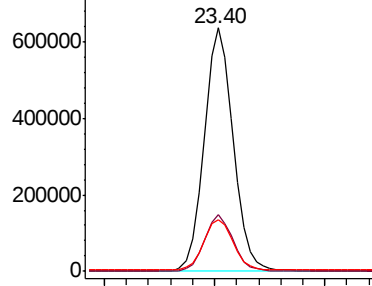
Manual Integrations
APPROVED

Sohil

11/19/2018 3:07:35 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: 50.546 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

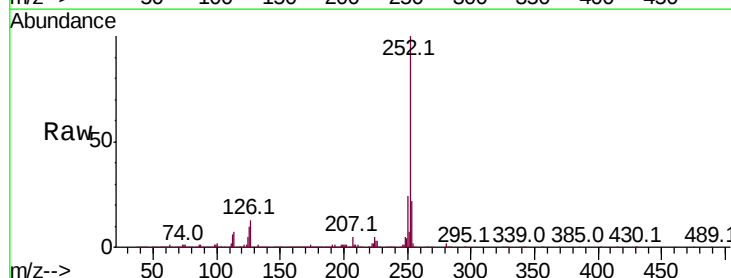
Tgt Ion:252 Resp: 3485090

Ion Ratio Lower Upper

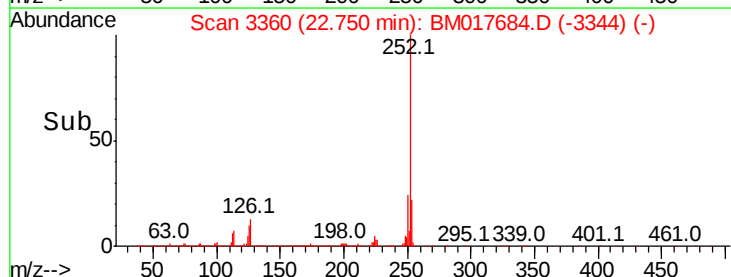
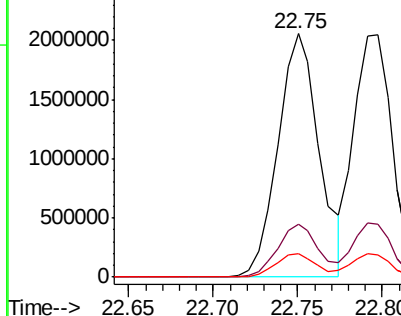
252 100

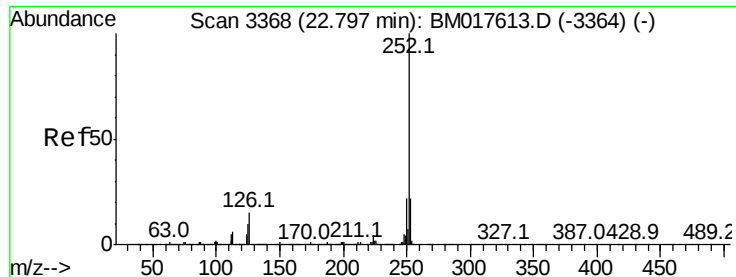
253 22.0 17.3 25.9

125 9.8 7.6 11.4



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





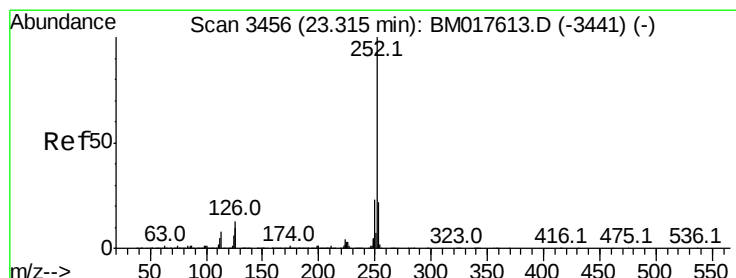
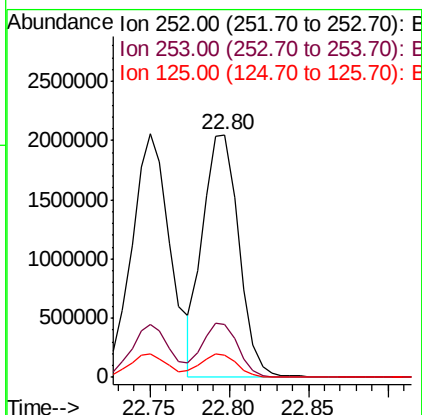
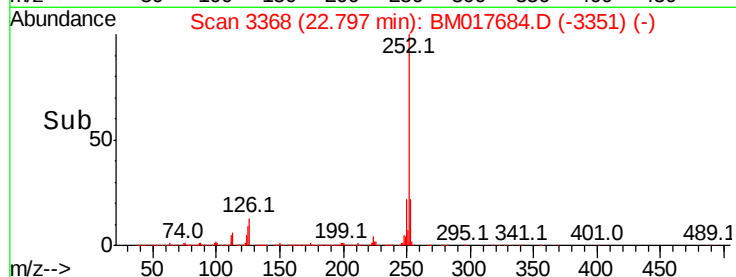
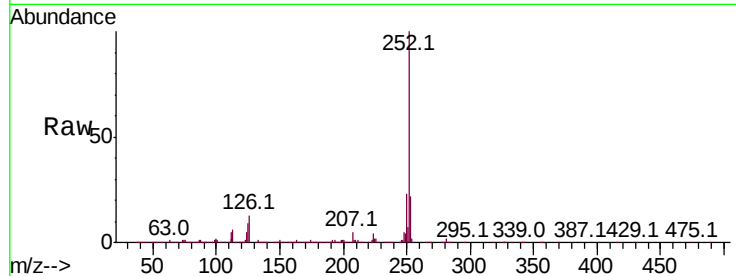
#89
Benzo(k)fluoranthene
Concen: 46.492 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Instrument :
BNA_M
ClientSampleId :
PB114860BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.3	7.9	11.9

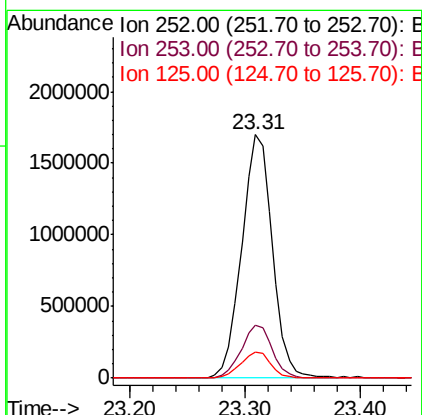
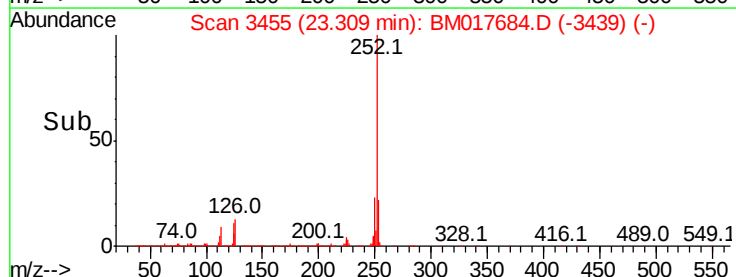
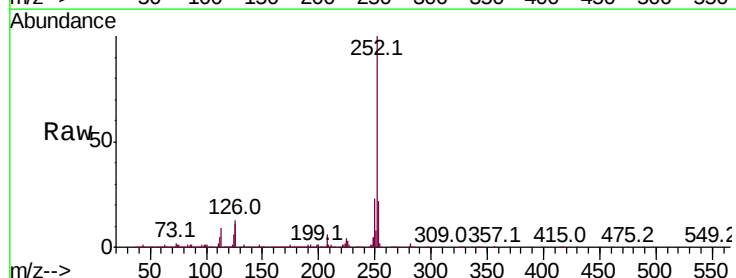
Manual Integrations
APPROVED

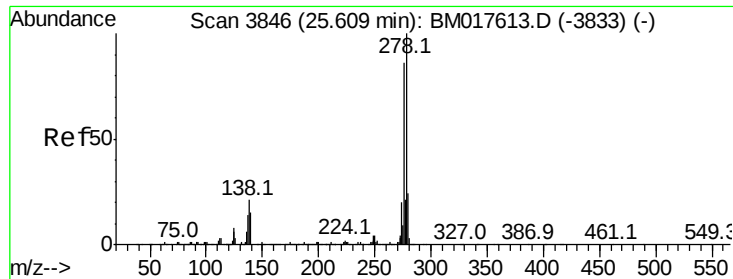
Sohil
11/19/2018 3:07:35 PM



#90
Benzo(a)pyrene
Concen: 49.847 ng
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM017684.D
Acq: 16 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	10.8	8.2	12.2





#91

Dibenzo(a,h)anthracene

Concen: 50.976 ng

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

Instrument :

BNA_M

ClientSampleId :

PB114860BS

Tot Ion:278 Resp: 2694226

Ion Ratio Lower Upper

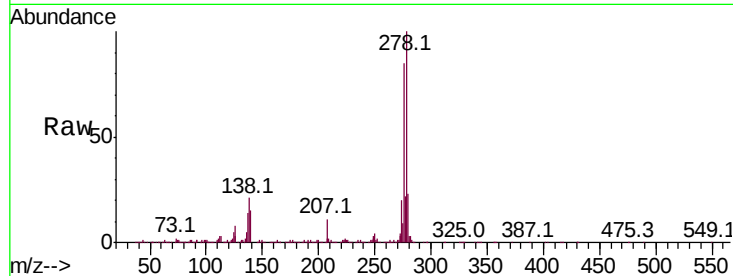
278 100

139 14.8 11.8 17.6

279 23.4 19.0 28.6

Manual Integrations
APPROVED

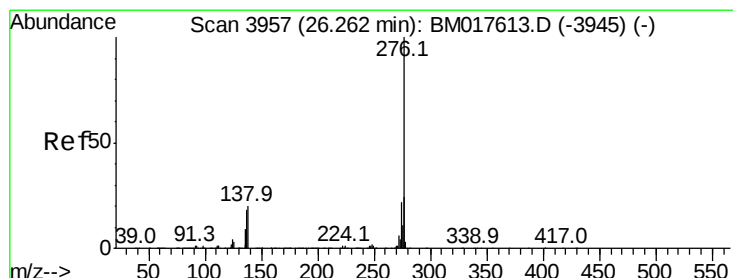
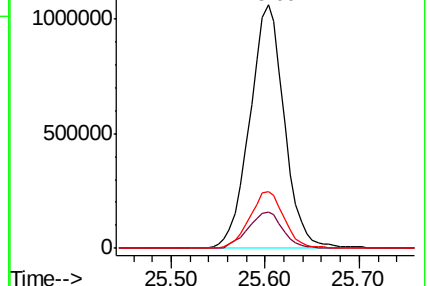
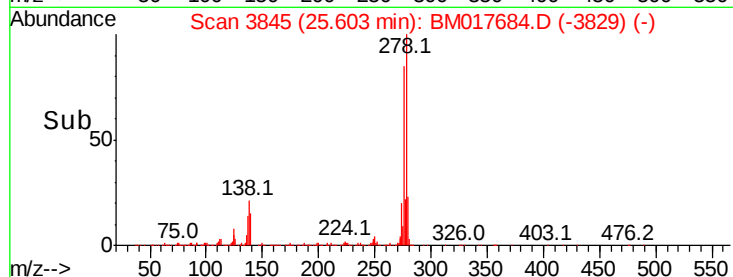
Sohil
11/19/2018 3:07:35 PM



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: 52.048 ng

RT: 26.26 min Scan# 3956

Delta R.T. -0.01 min

Lab File: BM017684.D

Acq: 16 Nov 2018 17:19

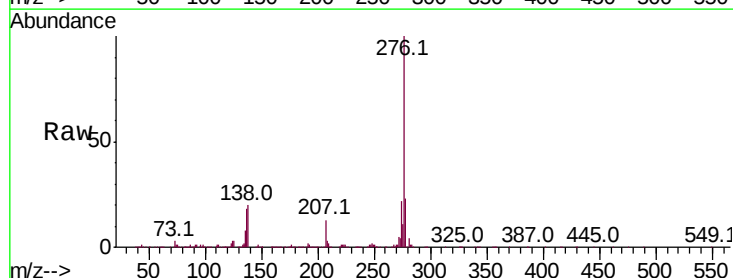
Tgt Ion:276 Resp: 2586853

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 19.5 15.9 23.9



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

