

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\
 Data File : BM017620.D
 Acq On : 12 Nov 2018 19:32
 Operator : MJ/SJ
 Sample : J5863-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MS

Manual Integrations
 APPROVED

Sohil
 11/13/2018 2:25:35 PM

Quant Time: Nov 13 03:40:45 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	7.62	152	224583	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	962012	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	574575	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	1305868	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1417536	20.00	ng	0.00
87) Perylene-d12	23.41	264	1245075	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	1682649	126.44	ng	0.00
7) Phenol-d6	6.81	99	2297071	123.59	ng	0.00
23) Nitrobenzene-d5	8.77	82	1453040	77.98	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1015032	122.95	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3330725	75.20	ng	0.00
79) Terphenyl-d14	19.66	244	5005408	80.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	158087	28.524	ng	99
3) Pyridine	3.61	79	435045	26.760	ng	97
4) n-Nitrosodimethylamine	3.53	42	270762	37.809	ng	99
6) Aniline	6.96	93	536961	23.297	ng	98
8) 2-Chlorophenol	7.19	128	594477	37.327	ng	99
9) Benzaldehyde	6.77	77	331447	24.481	ng	97
10) Phenol	6.83	94	876270	44.918	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	518600	33.675	ng	99
12) 1,3-Dichlorobenzene	7.50	146	592577	33.164	ng	99
13) 1,4-Dichlorobenzene	7.65	146	613870	33.518	ng	99
14) 1,2-Dichlorobenzene	7.96	146	594768	33.492	ng	98
15) Benzyl Alcohol	7.86	79	541031	36.553	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.15	45	803022	34.248	ng	98
17) 2-Methylphenol	8.06	107	501821	38.185	ng	99
18) Hexachloroethane	8.67	117	220828	34.211	ng	98
19) n-Nitroso-di-n-propylamine	8.43	70	457974	34.318	ng	98
20) 3+4-Methylphenols	8.39	107	679357	37.206	ng	98
22) Acetophenone	8.44	105	877495	36.547	ng	# 99
24) Nitrobenzene	8.82	77	677439	35.831	ng	99
25) Isophorone	9.33	82	1199582	41.679	ng	100
26) 2-Nitrophenol	9.52	139	315266	36.202	ng	97
27) 2,4-Dimethylphenol	9.58	122	536615	42.755	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	750885	38.520	ng	98
29) 2,4-Dichlorophenol	10.05	162	568779	39.039	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	593165	35.005	ng	99
31) Naphthalene	10.44	128	1812298	38.316	ng	100
32) Benzoic acid	9.75	122	404179m	35.550	ng	
33) 4-Chloroaniline	10.57	127	215662	10.411	ng	99
34) Hexachlorobutadiene	10.72	225	352853	33.542	ng	99
35) Caprolactam	11.41	113	184531m	34.393	ng	
36) 4-Chloro-3-methylphenol	11.69	107	650126	38.650	ng	100
37) 2-Methylnaphthalene	12.06	142	1358418	40.635	ng	99
38) 1-Methylnaphthalene	12.28	142	1300165	39.666	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	701718	34.634	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111218\
 Data File : BM017620.D
 Acq On : 12 Nov 2018 19:32
 Operator : MJ/SJ
 Sample : J5863-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MS

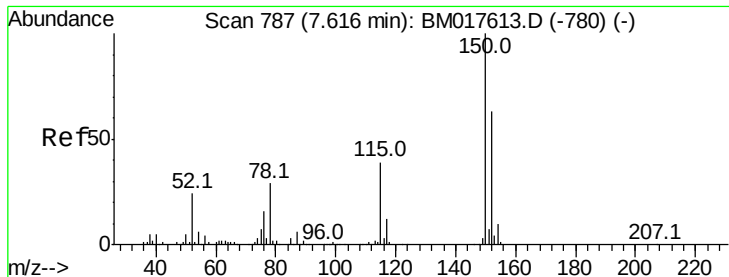
Manual Integrations
 APPROVED

Sohil
 11/13/2018 2:25:35 PM

Quant Time: Nov 13 03:40:45 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	862448	82.377	nq	100
43) 2,4,6-Trichlorophenol	12.68	196	486634	38.345	nq	99
44) 2,4,5-Trichlorophenol	12.75	196	521799	38.940	nq	97
46) 1,1'-Biphenyl	13.09	154	1755404	34.036	nq	99
47) 2-Chloronaphthalene	13.13	162	1354337	35.379	nq	99
48) 2-Nitroaniline	13.34	65	445201	37.606	nq	99
49) Acenaphthylene	13.98	152	2249481	39.111	nq	100
50) Dimethylphthalate	13.73	163	1956876	41.890	nq	99
51) 2,6-Dinitrotoluene	13.86	165	386746	37.179	nq	96
52) Acenaphthene	14.33	154	1309538	37.100	nq	99
53) 3-Nitroaniline	14.19	138	241293	21.305	nq	100
54) 2,4-Dinitrophenol	14.40	184	491222	77.585	nq	97
55) Dibenzofuran	14.66	168	2095956	36.336	nq	98
56) 4-Nitrophenol	14.51	139	952772	98.840	nq	98
57) 2,4-Dinitrotoluene	14.65	165	552008	39.367	nq	99
58) Fluorene	15.32	166	1733348	39.252	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.90	232	490589	39.805	nq	99
60) Diethylphthalate	15.10	149	1771605	35.099	nq	99
61) 4-Chlorophenyl-phenylether	15.32	204	871687	34.743	nq	99
62) 4-Nitroaniline	15.36	138	388617	36.409	nq	99
63) Azobenzene	15.61	77	1760466	37.729	nq	99
65) 4,6-Dinitro-2-methylphenol	15.41	198	331538	36.649	nq	95
66) n-Nitrosodiphenylamine	15.54	169	1526166	36.350	nq	98
67) 4-Bromophenyl-phenylether	16.21	248	552708	35.787	nq	94
68) Hexachlorobenzene	16.32	284	609643	35.015	nq	98
69) Atrazine	16.50	200	566792	36.704	nq	97
70) Pentachlorophenol	16.67	266	770575	63.165	nq	99
71) Phenanthrene	17.06	178	2746163	38.755	nq	100
72) Anthracene	17.14	178	2784865	40.388	nq	100
73) Carbazole	17.43	167	2566089	36.829	nq	100
74) Di-n-butylphthalate	17.99	149	3055628	39.396	nq	100
75) Fluoranthene	19.08	202	3233897	40.336	nq	99
77) Benzidine	19.28	184	656036	14.212	nq	99
78) Pyrene	19.44	202	3275067	37.445	nq	100
80) Butylbenzylphthalate	20.36	149	1417140	39.892	nq	96
81) Benzo(a)anthracene	21.20	228	3234820	39.610	nq	99
82) 3,3'-Dichlorobenzidine	21.14	252	727018	23.066	nq	98
83) Chrysene	21.25	228	3040742	38.335	nq	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2043351	38.909	nq	100
85) Di-n-octyl phthalate	22.01	149	3417511	40.640	nq	100
86) Indeno(1,2,3-cd)pyrene	25.60	276	2733071	43.119	nq	100
88) Benzo(b)fluoranthene	22.76	252	2981862	40.895	nq	99
89) Benzo(k)fluoranthene	22.80	252	2893342	39.259	nq	99
90) Benzo(a)pyrene	23.31	252	2732883	41.106	nq	100
91) Dibenzo(a,h)anthracene	25.60	278	2321231	41.530	nq	99
92) Benzo(g,h,i)perylene	26.26	276	2207411	41.997	nq	99

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



#1

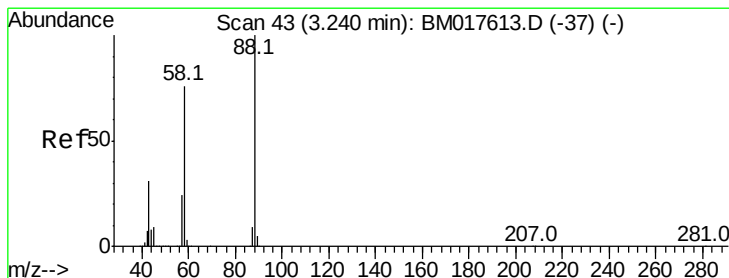
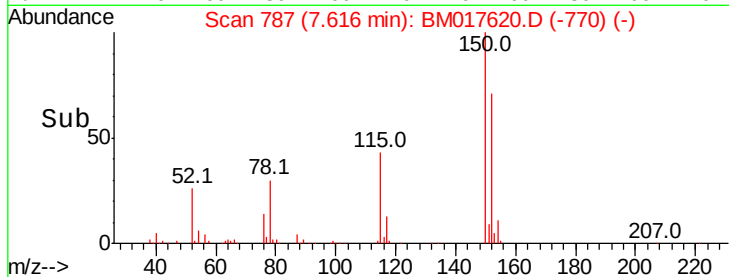
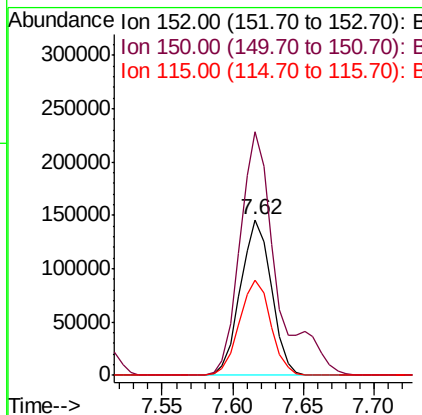
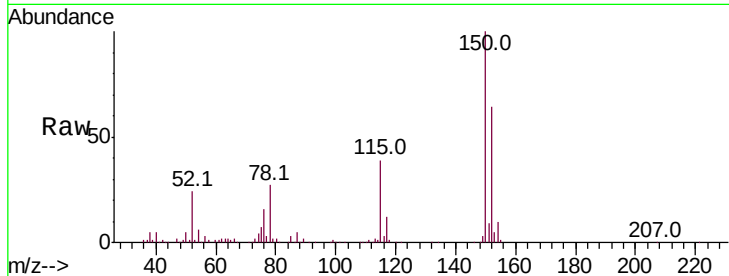
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.4	189.6
115	60.9	49.4	74.0

Manual Integrations
APPROVED

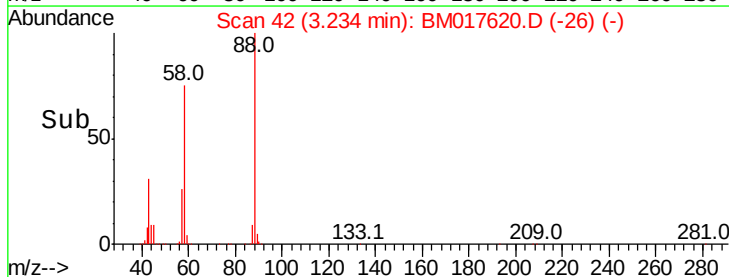
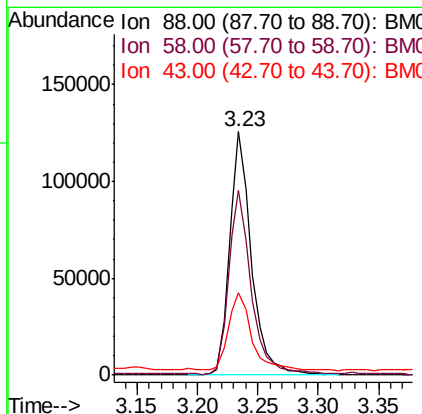
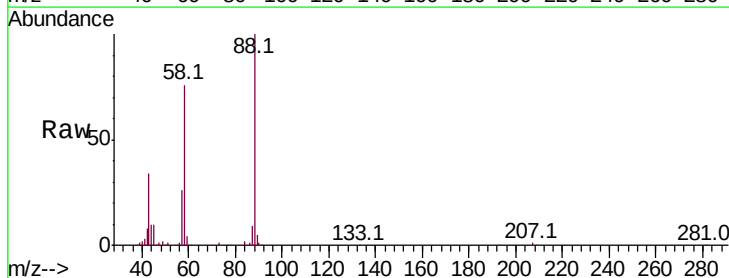
Sohil
11/13/2018 2:25:35 PM

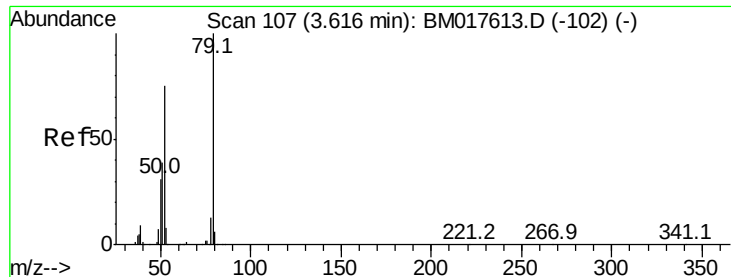


#2

1,4-Dioxane
Concen: 28.524 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.01 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.1	62.0	93.0
43	32.4	26.8	40.2





#3

Pvridine

Concen: 26.760 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

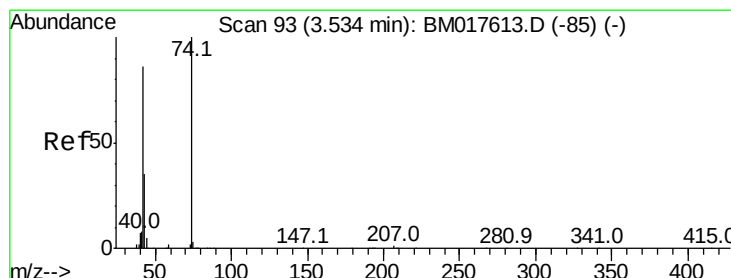
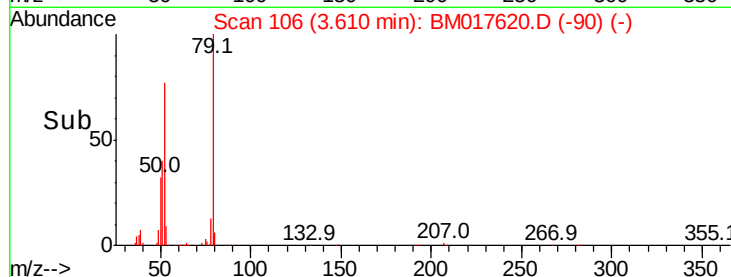
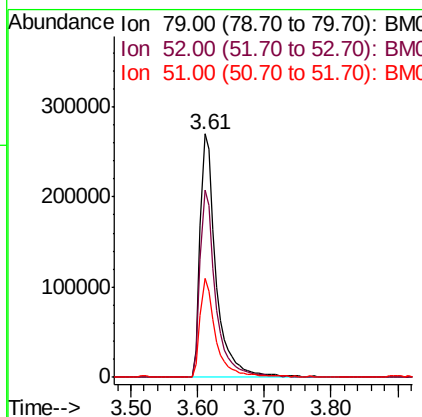
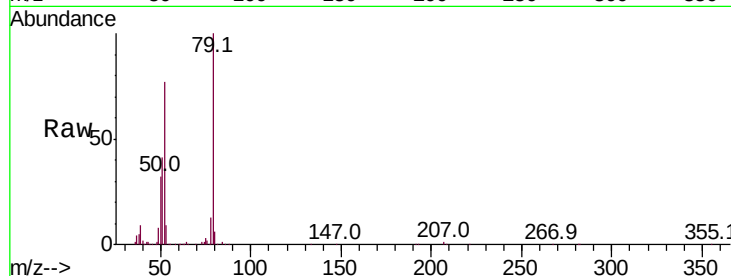
ClientSampleId :

RT-3263MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	77.1	60.1	90.1		
51	40.7	31.1	46.7		

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 PM



#4

n-Nitrosodimethylamine

Concen: 37.809 ng

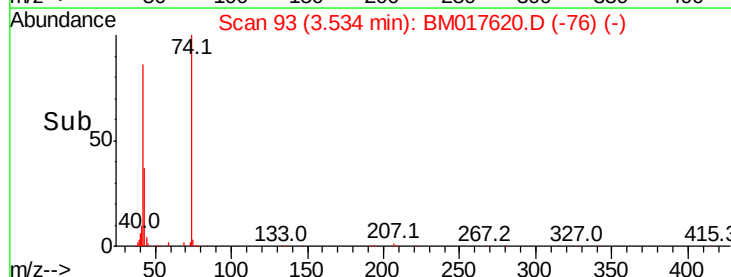
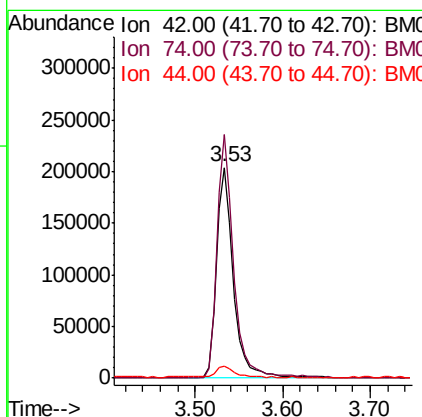
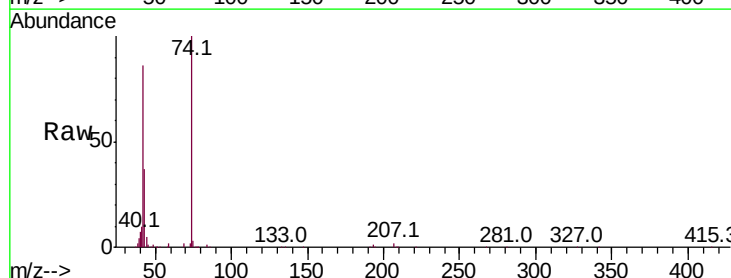
RT: 3.53 min Scan# 93

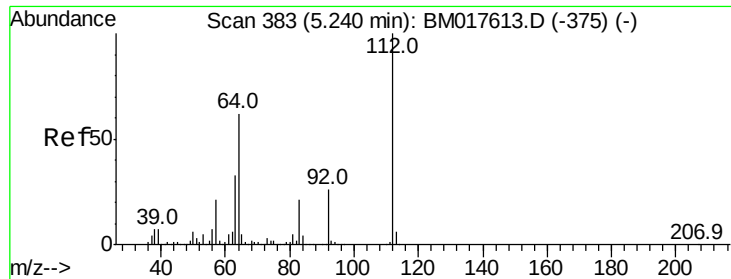
Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	115.7	93.1	139.7		
44	5.8	5.0	7.6		





#5

2-Fluorophenol

Concen: 126.444 ng

RT: 5.24 min Scan# 383

Delta R.T. 0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

Tot Ion:112 Resp: 1682649

Ion Ratio Lower Upper

112 100

64 62.5 49.3 73.9

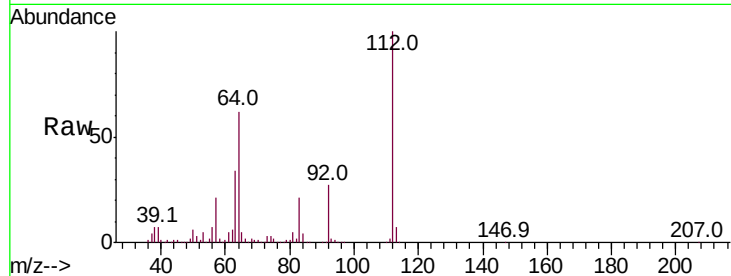
63 34.3 26.2 39.4

Manual Integrations

APPROVED

Sohil

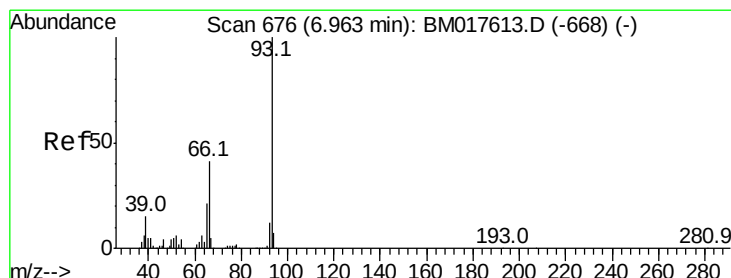
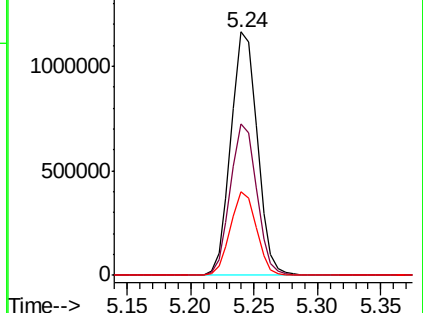
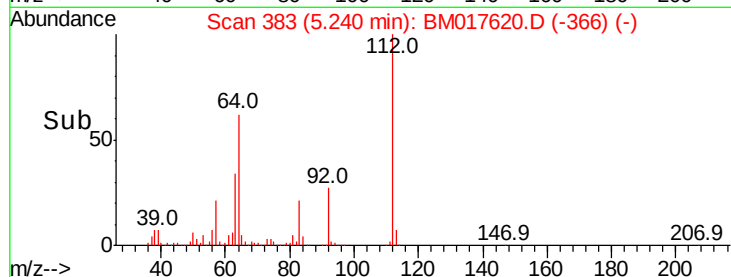
11/13/2018 2:25:35 PM



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: 23.297 ng

RT: 6.96 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

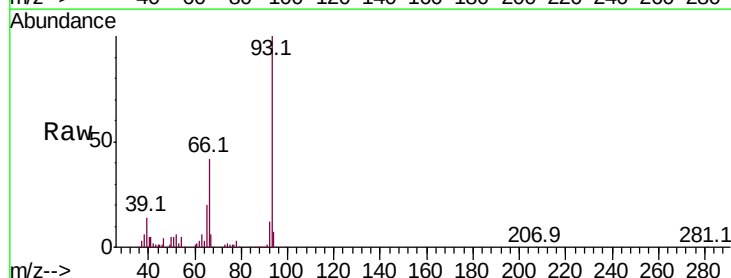
Tgt Ion: 93 Resp: 536961

Ion Ratio Lower Upper

93 100

66 42.2 32.8 49.2

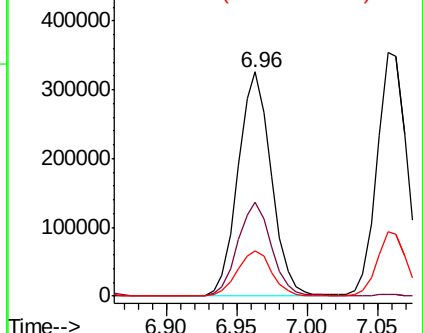
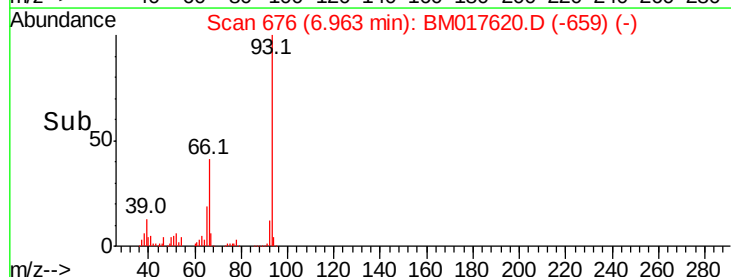
65 20.2 16.6 25.0

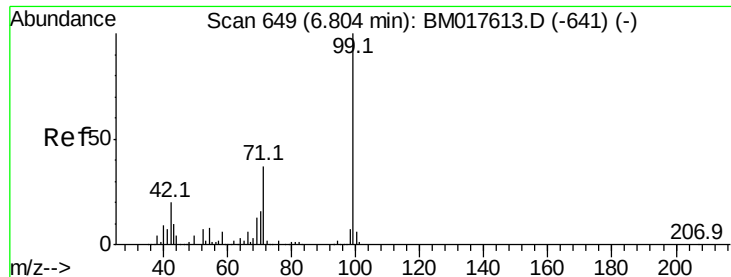


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 123.593 ng

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

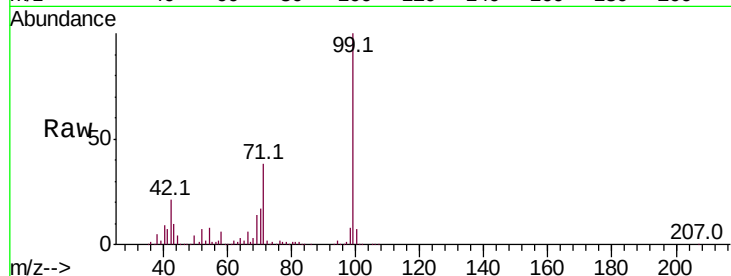
ClientSampleId :

RT-3263MS

Tot Ion:	99	Resp:	2297071
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.3	24.5
71	38.5	29.8	44.8

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 PM

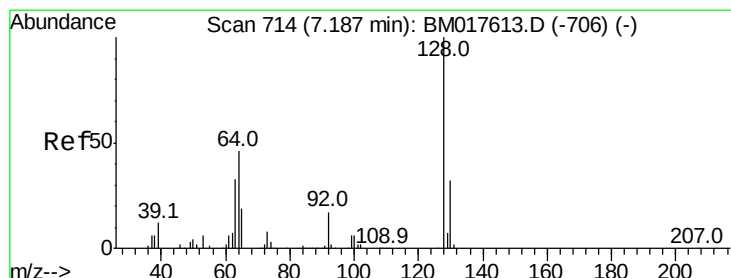
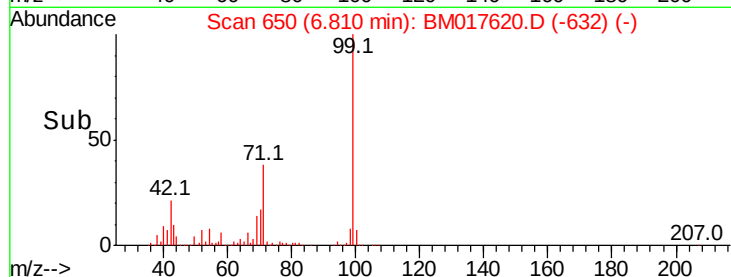
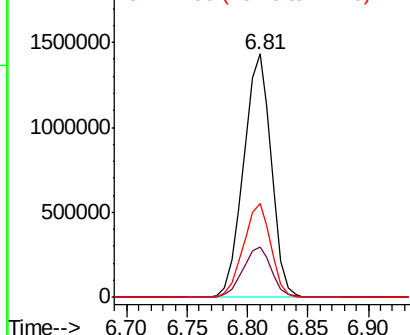


Abundance

Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)



#8

2-Chlorophenol

Concen: 37.327 ng

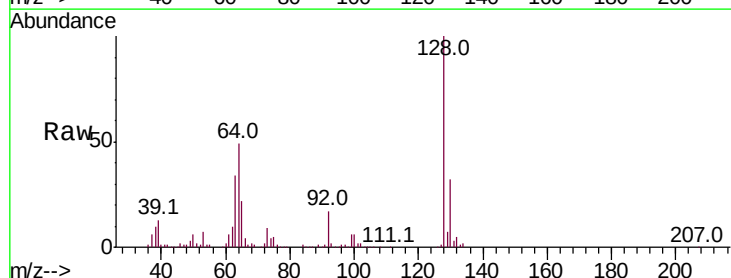
RT: 7.19 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Tgt Ion:	128	Resp:	594477
Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.4	52.4
64	48.6	30.0	70.0

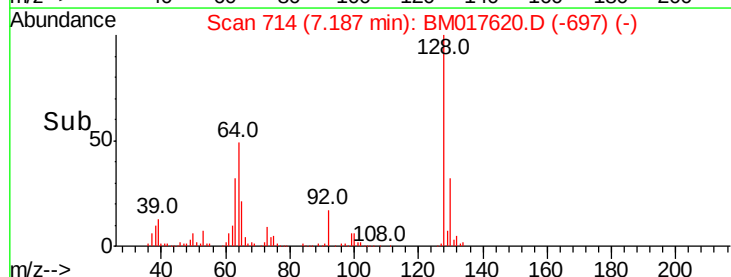
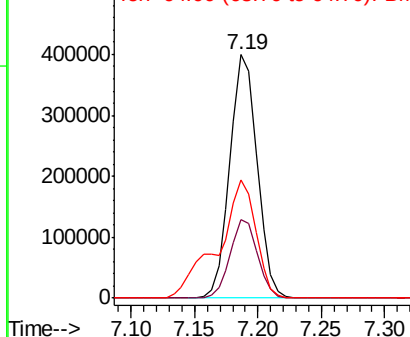


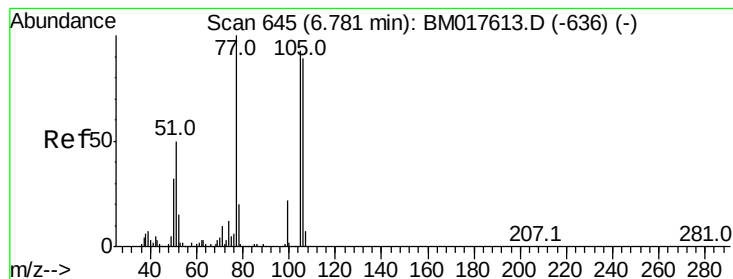
Abundance

Ion 128.00 (127.70 to 128.70): BM017613.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM017613.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM017613.D (-706) (-)





#9

Benzaldehyde

Concen: 24.481 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

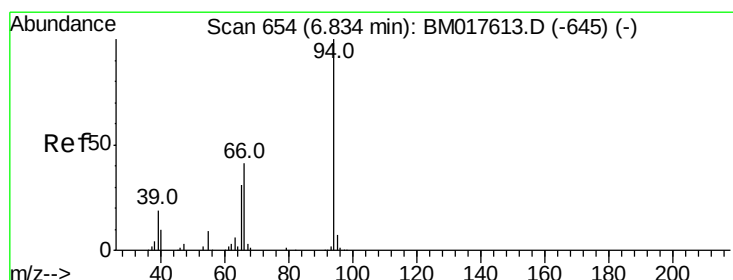
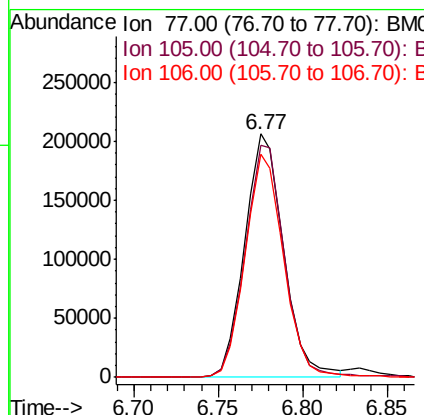
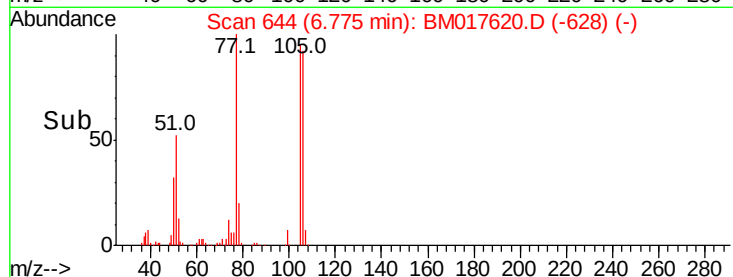
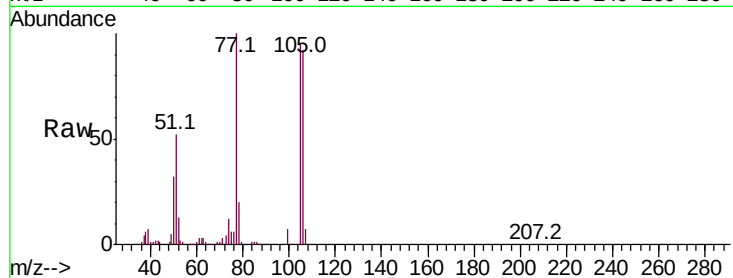
ClientSampled :

RT-3263MS

Tot Ion:	77	Resp:	331447
Ion	Ratio	Lower	Upper
77	100		
105	95.1	72.7	112.7
106	91.8	68.9	108.9

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 PM



#10

Phenol

Concen: 44.918 ng

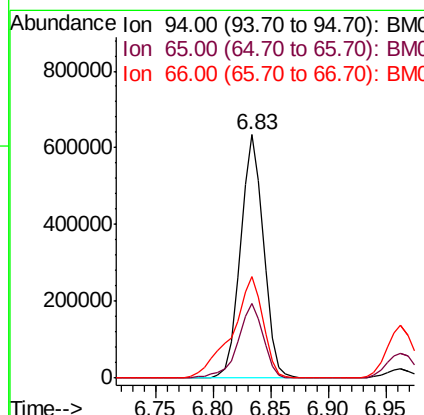
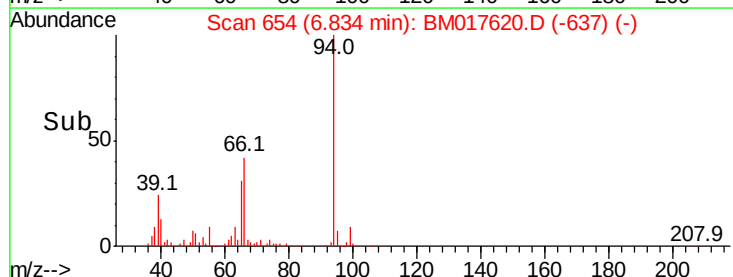
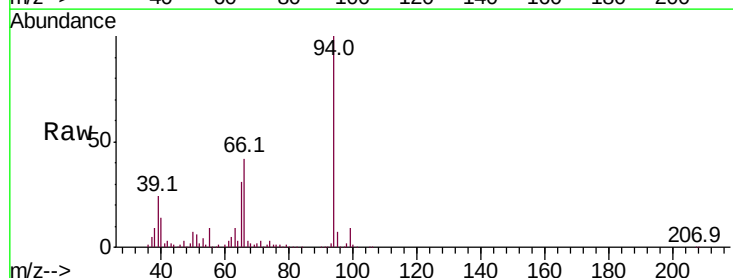
RT: 6.83 min Scan# 654

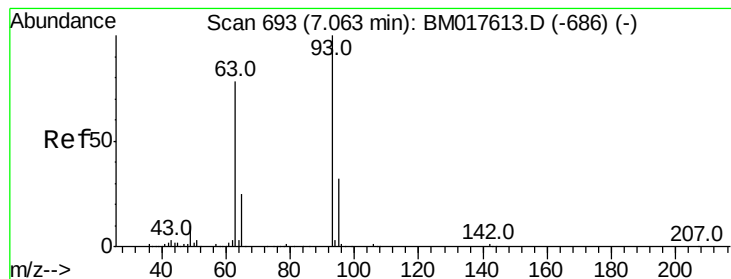
Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Tgt Ion:	94	Resp:	876270
Ion	Ratio	Lower	Upper
94	100		
65	30.9	11.4	51.4
66	41.9	21.4	61.4





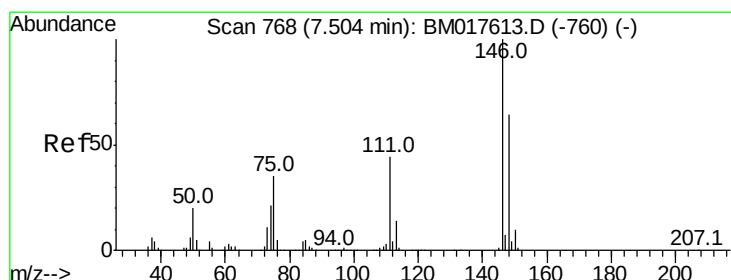
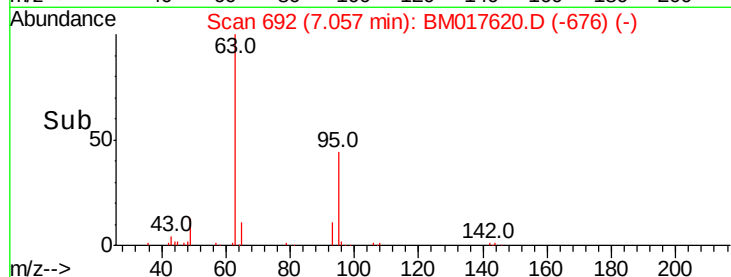
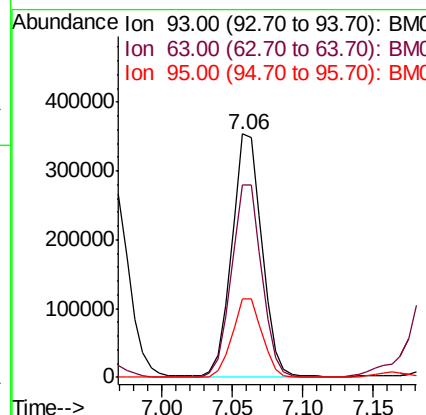
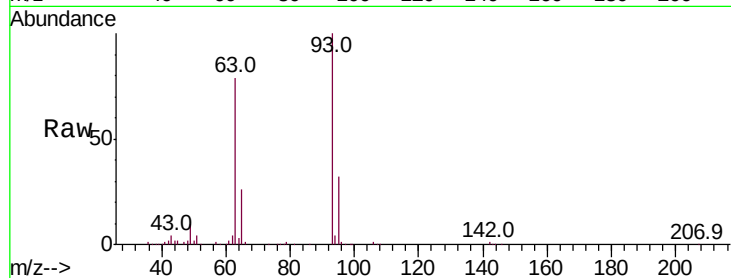
#11
bis(2-Chloroethyl)ether
Concen: 33.675 ng
RT: 7.06 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.9	57.9	97.9
95	32.3	12.3	52.3

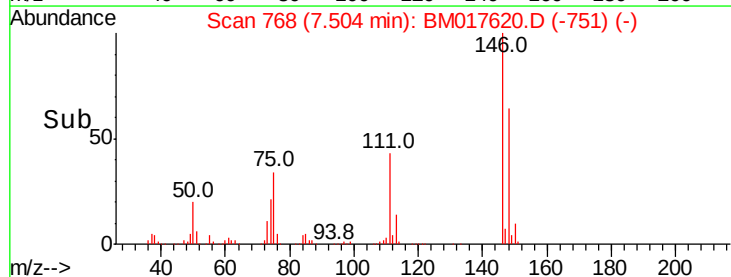
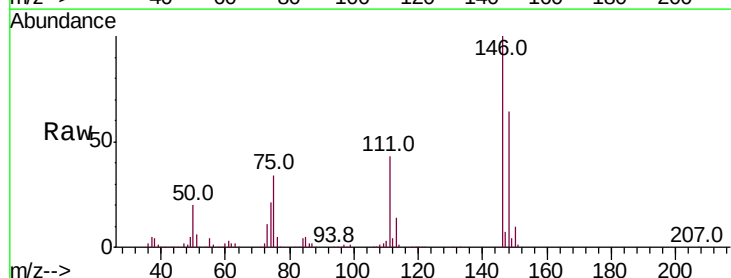
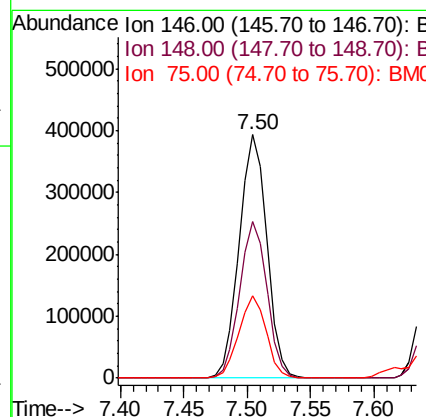
Manual Integrations
APPROVED

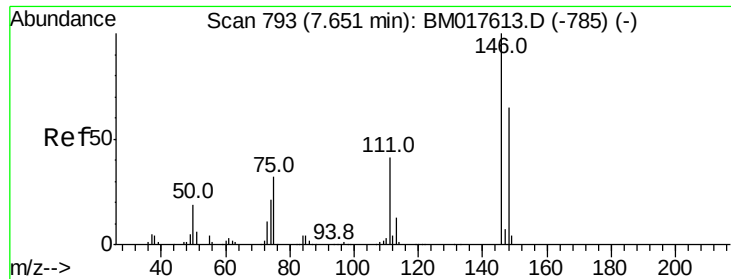
Sohil
11/13/2018 2:25:35 PM



#12
1,3-Dichlorobenzene
Concen: 33.164 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.2	76.8
75	33.9	28.2	42.2





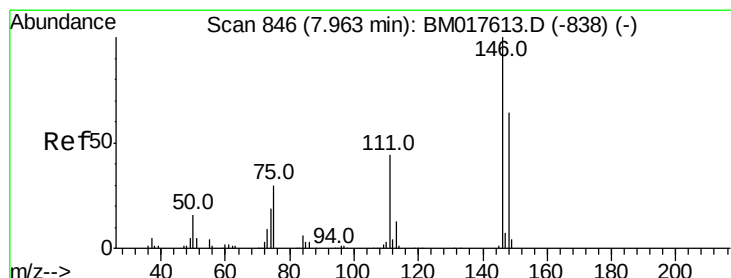
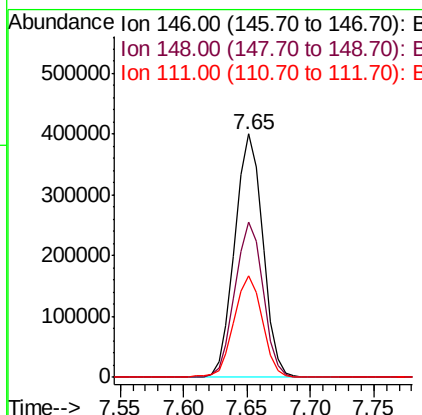
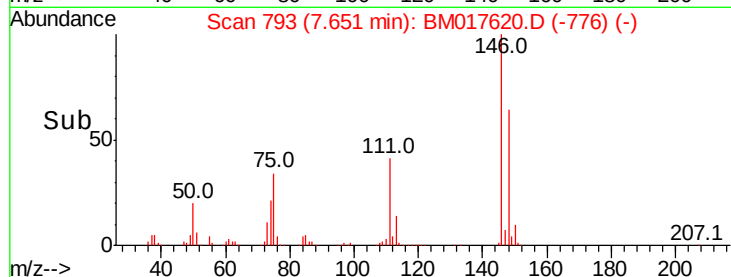
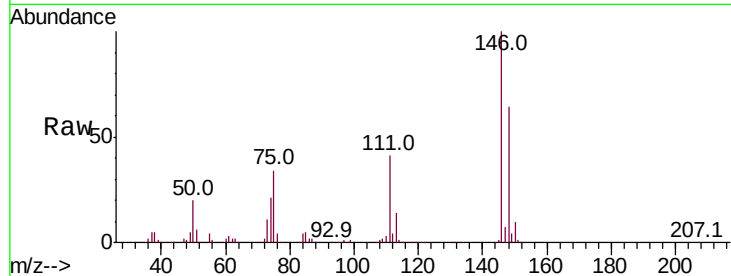
#13
 1,4-Dichlorobenzene
 Concen: 33.518 ng
 RT: 7.65 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Instrument :
 BNA_M
 ClientSampled :
 RT-3263MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.0	78.0
111	41.5	33.2	49.8

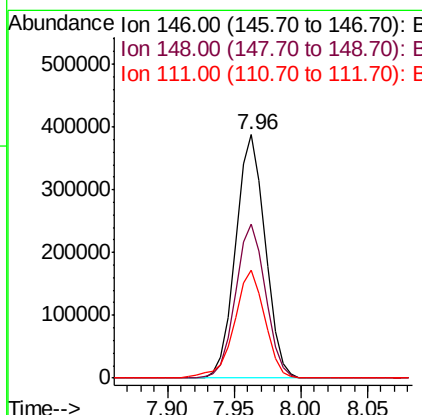
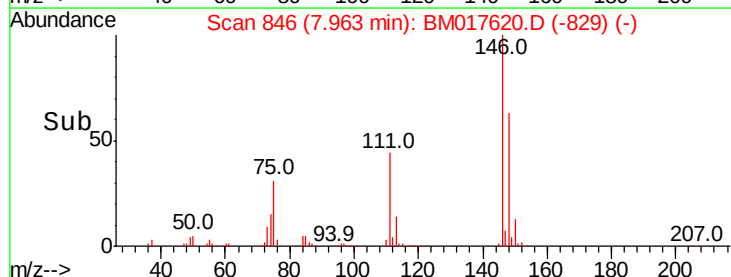
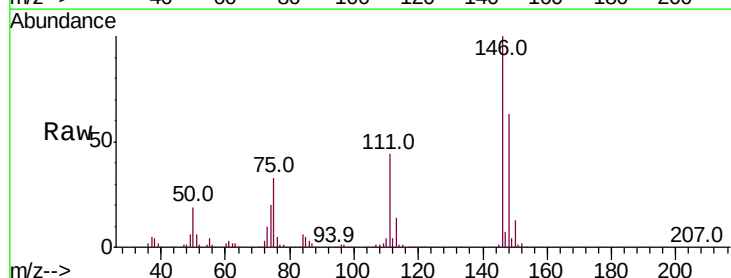
Manual Integrations
 APPROVED

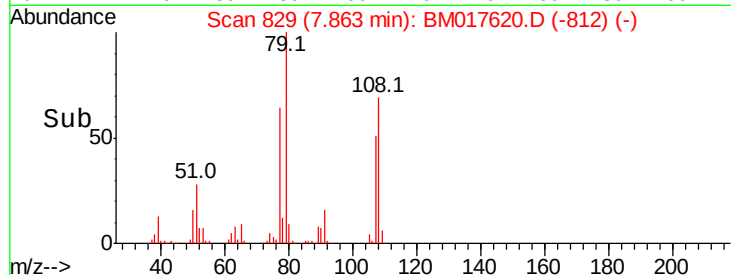
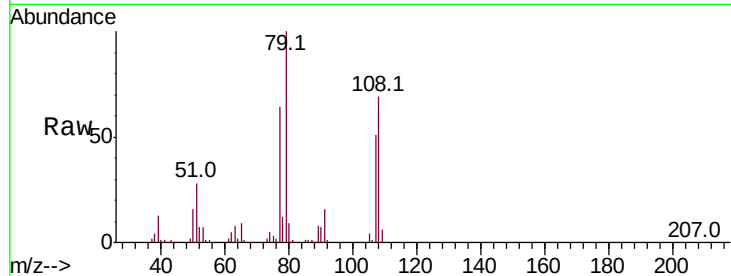
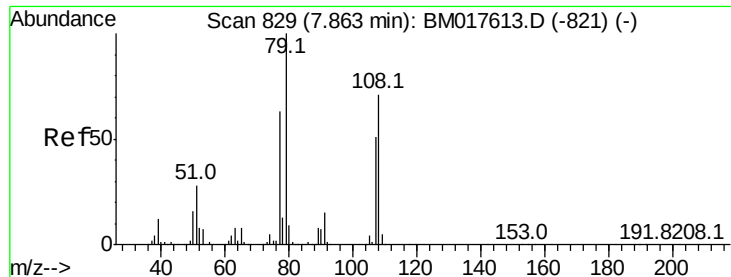
Sohil
 11/13/2018 2:25:35 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.492 ng
 RT: 7.96 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.6	77.4
111	44.1	35.8	53.8





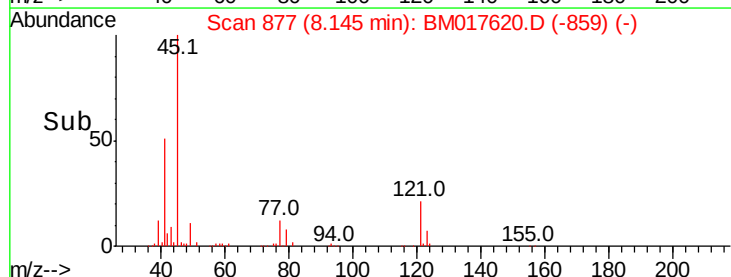
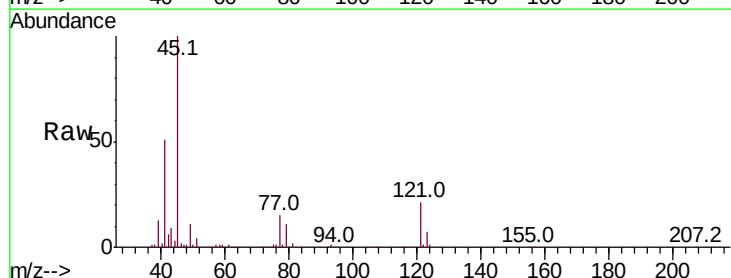
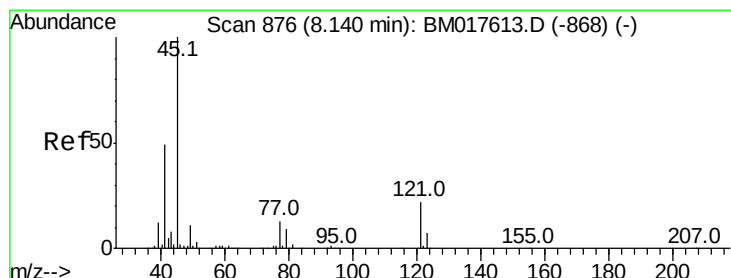
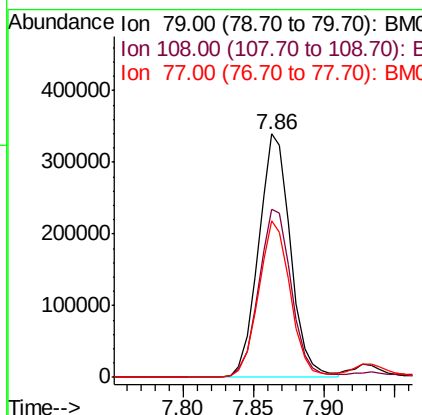
#15
Benzyl Alcohol
Concen: 36.553 ng
RT: 7.86 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.8	57.1	85.7
77	64.1	50.4	75.6

Instrument :
BNA_M
ClientSampled :
RT-3263MS

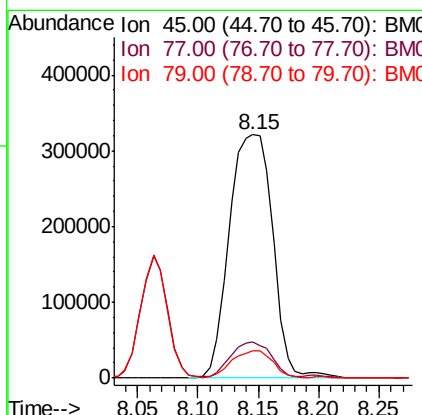
Manual Integrations
APPROVED

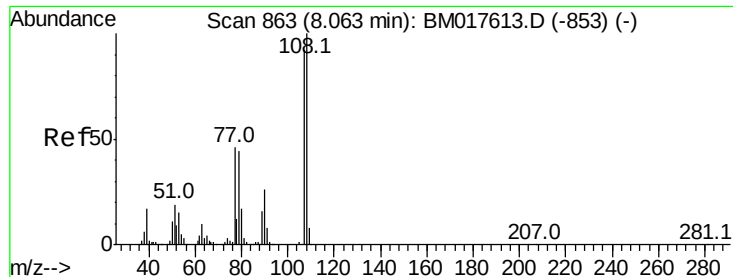
Sohil
11/13/2018 2:25:35 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.248 ng
RT: 8.15 min Scan# 877
Delta R.T. 0.01 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.1	0.0	34.2
79	11.2	0.0	30.5





#17

2-Methylphenol

Concen: 38.185 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

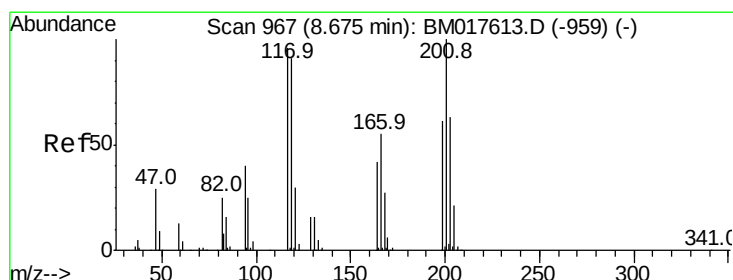
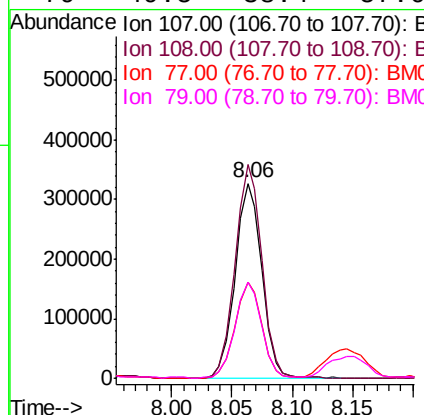
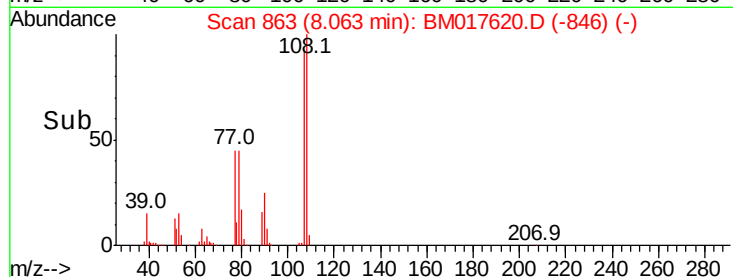
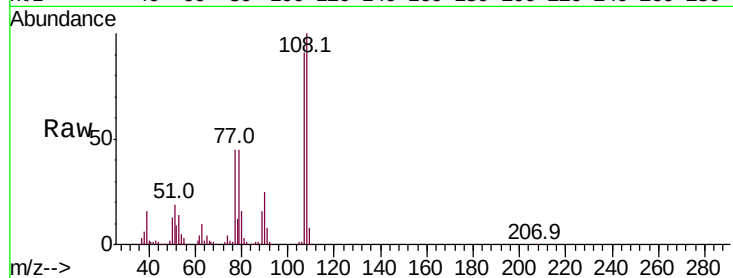
ClientSampleId :

RT-3263MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.5	86.7	130.1	
77	49.3	39.8	59.6	
79	49.5	38.4	57.6	

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 PM



#18

Hexachloroethane

Concen: 34.211 ng

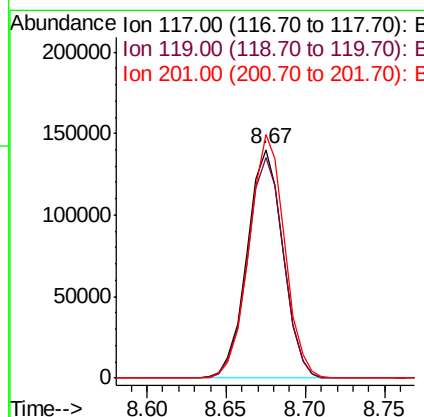
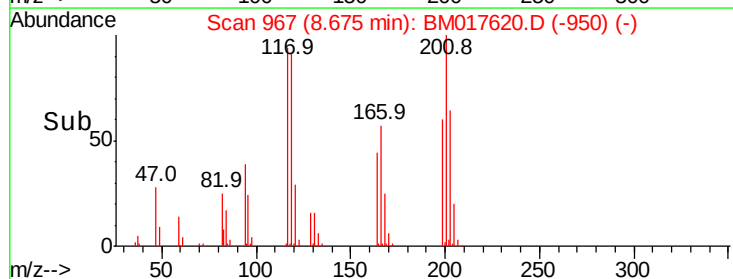
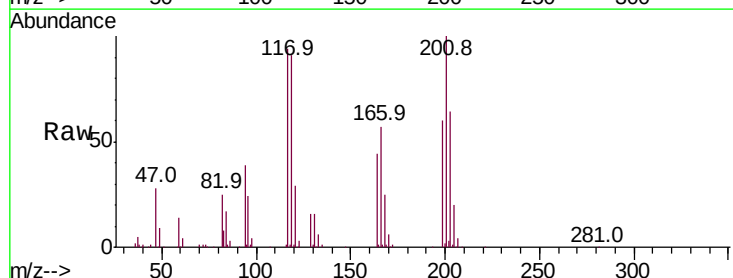
RT: 8.67 min Scan# 967

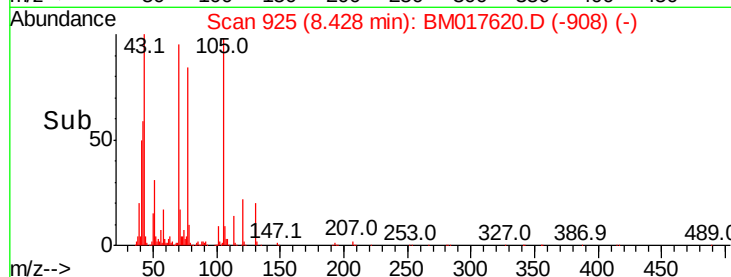
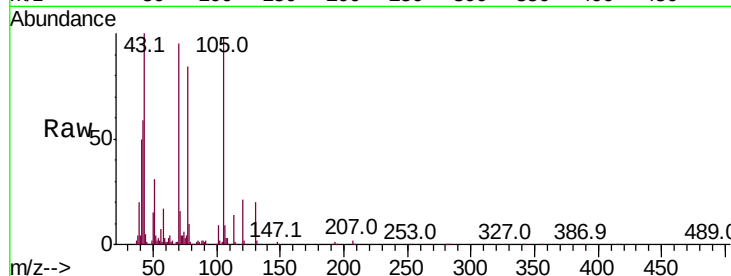
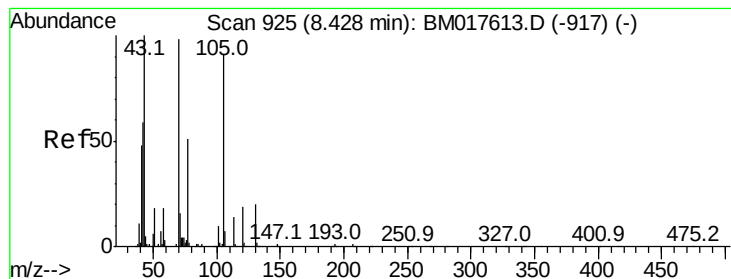
Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	75.8	113.8	
201	106.4	83.0	124.4	





#19

n-Nitroso-di-n-propylamine

Concen: 34.318 ng

RT: 8.43 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

Tot Ion: 70 Resp: 457974

Ion Ratio Lower Upper

70 100

42 62.3 48.6 73.0

101 9.9 7.9 11.9

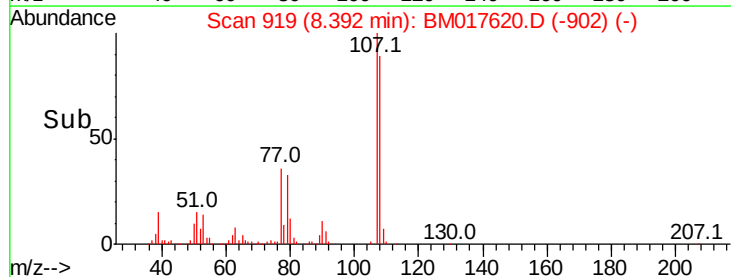
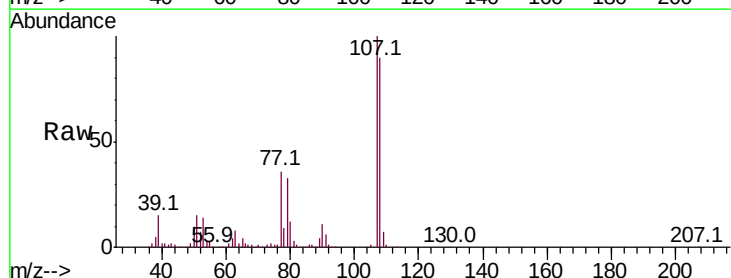
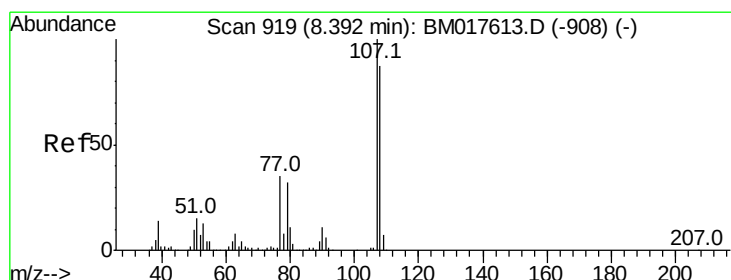
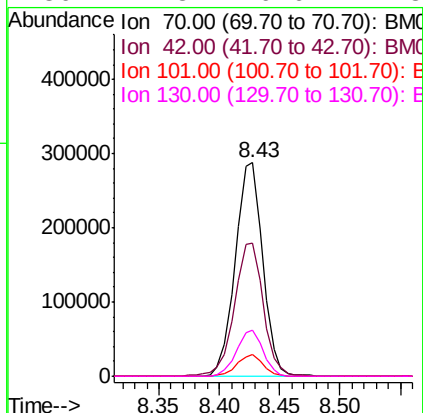
130 21.3 16.6 24.8

Manual Integrations

APPROVED

Sohil

11/13/2018 2:25:35 PM



#20

3+4-Methylphenols

Concen: 37.206 ng

RT: 8.39 min Scan# 919

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Tgt Ion: 107 Resp: 679357

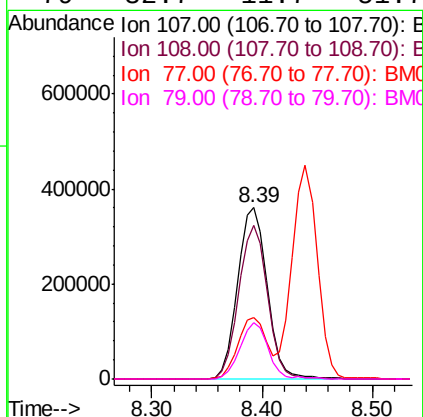
Ion Ratio Lower Upper

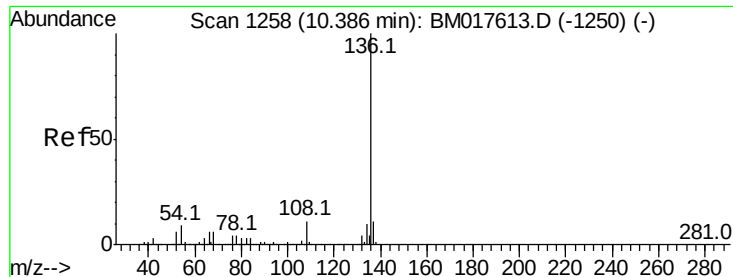
107 100

108 89.5 67.0 107.0

77 36.0 15.6 55.6

79 32.7 11.7 51.7





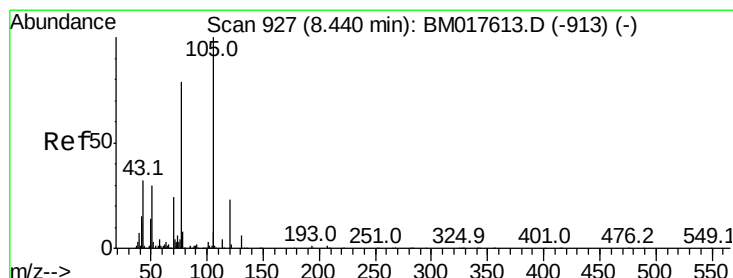
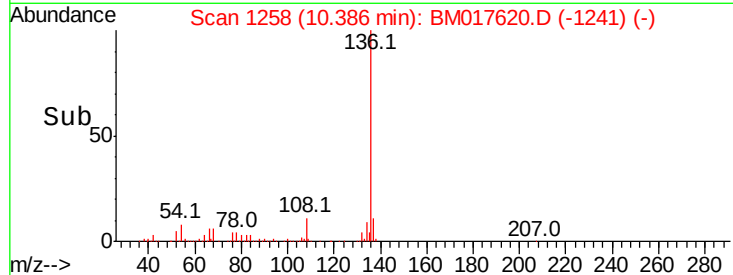
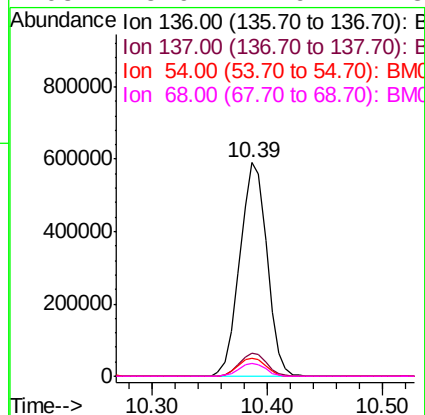
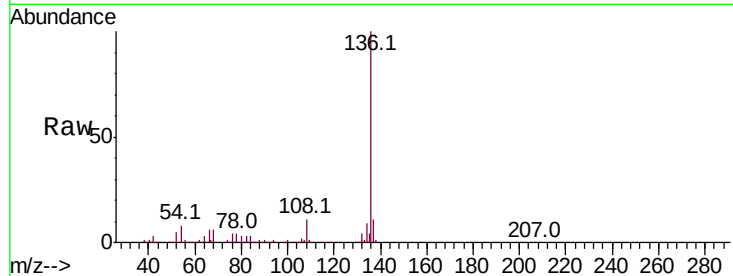
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1258
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	962012		
137	10.9		8.6	12.8
54	8.5		7.0	10.6
68	5.9		4.9	7.3

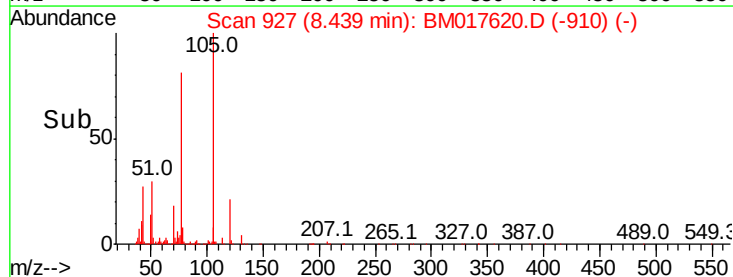
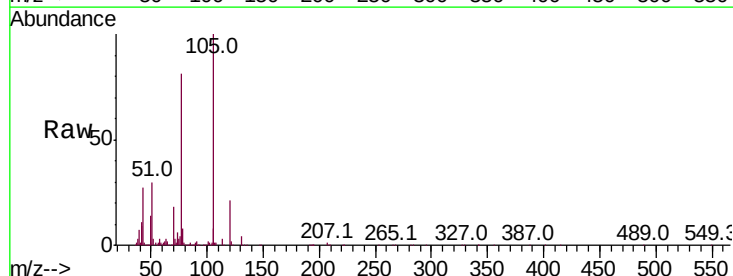
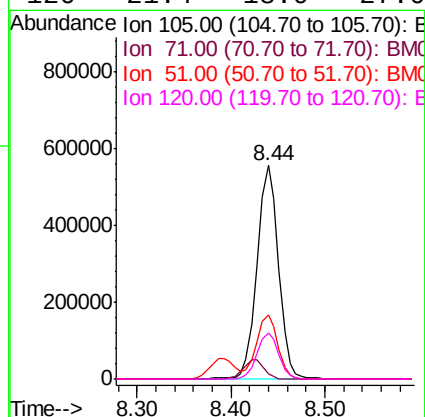
Manual Integrations
APPROVED

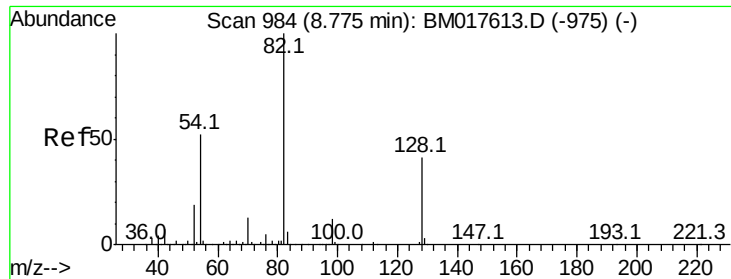
Sohil
11/13/2018 2:25:35 PM



#22
Acetophenone
Concen: 36.547 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	877495		
71	2.7		3.1	4.7#
51	30.1		23.8	35.8
120	21.4		18.0	27.0





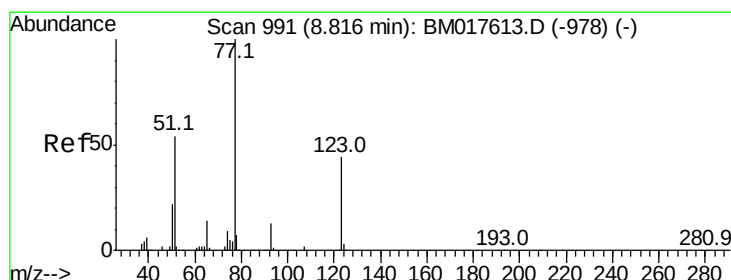
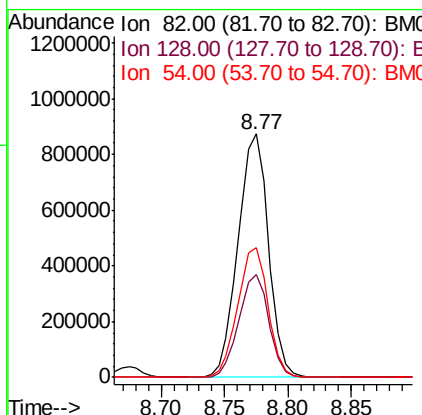
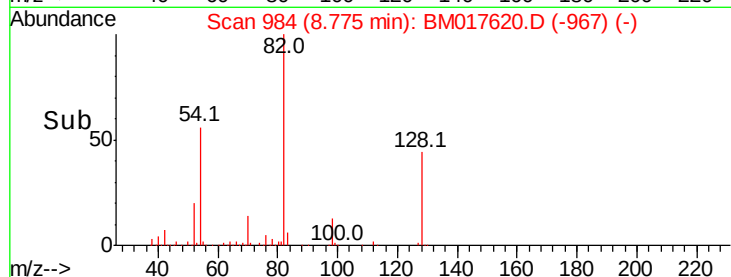
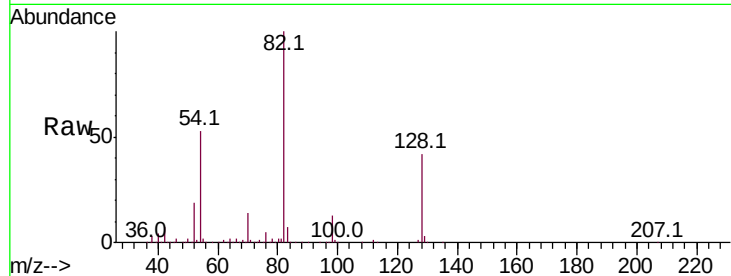
#23
Nitrobenzene-d5
Concen: 77.976 ng
RT: 8.77 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampled :
RT-3263MS

Tot Ion: 82 Resp: 1453040
Ion Ratio Lower Upper
82 100
128 42.2 33.0 49.4
54 53.3 41.4 62.2

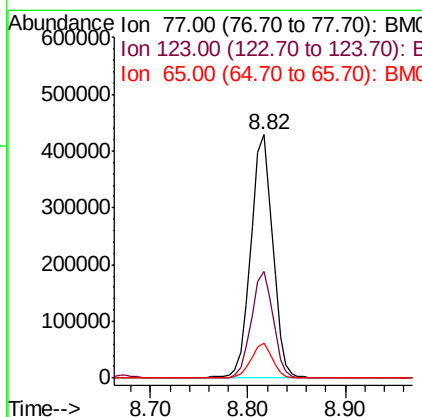
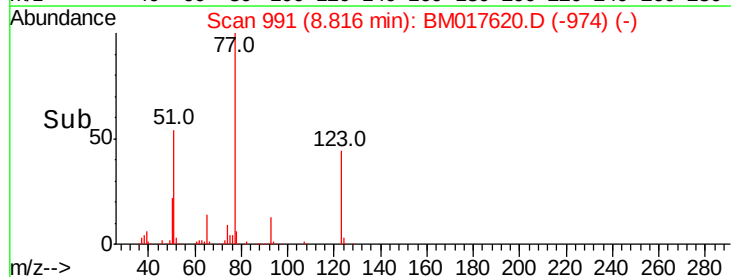
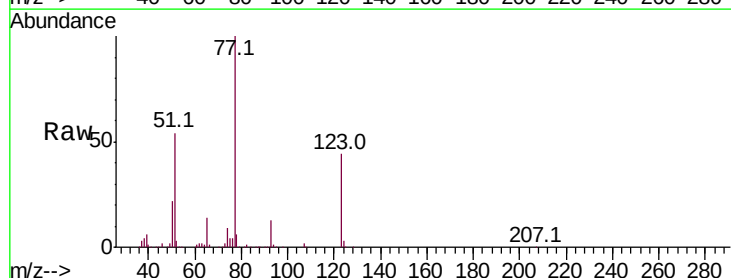
Manual Integrations
APPROVED

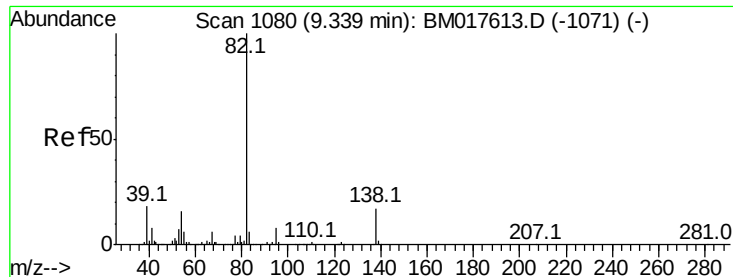
Sohil
11/13/2018 2:25:35 PM



#24
Nitrobenzene
Concen: 35.831 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion: 77 Resp: 677439
Ion Ratio Lower Upper
77 100
123 43.7 35.1 52.7
65 14.4 11.0 16.6





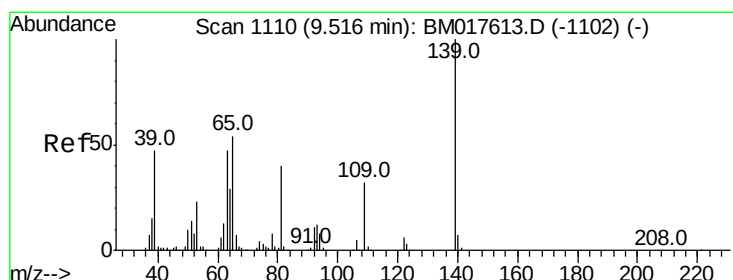
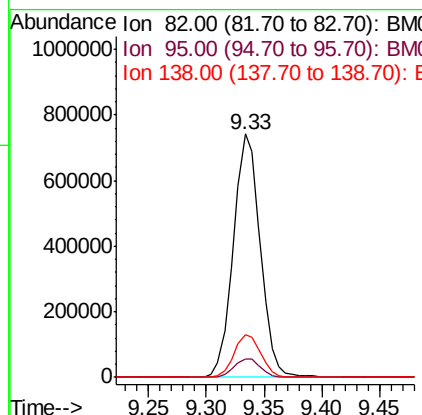
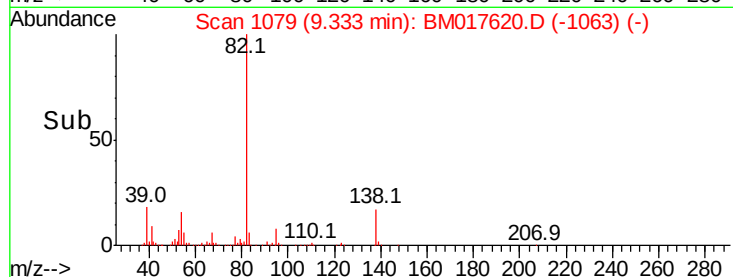
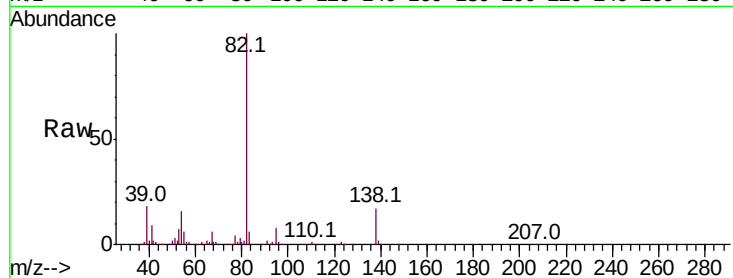
#25
Isophorone
Concen: 41.679 ng
RT: 9.33 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleID :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.7	6.1	9.1
138	17.5	13.9	20.9

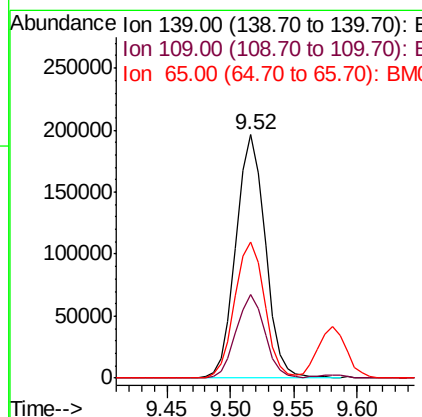
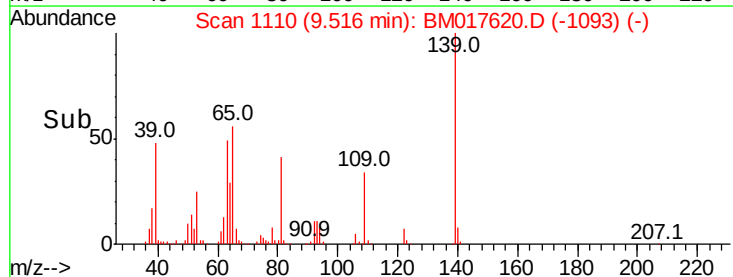
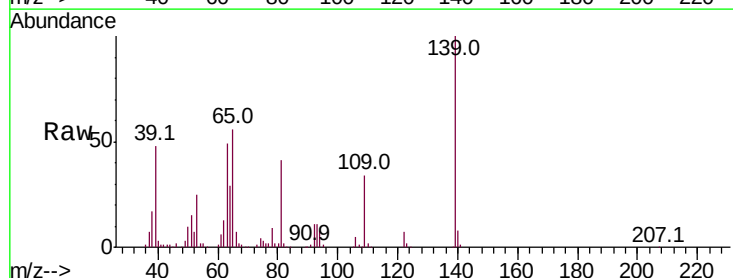
Manual Integrations
APPROVED

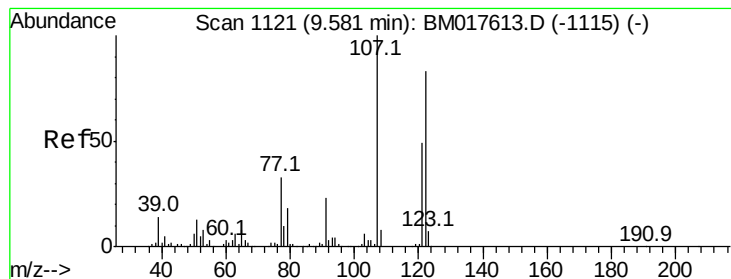
Sohil
11/13/2018 2:25:35 PM



#26
2-Nitrophenol
Concen: 36.202 ng
RT: 9.52 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	34.4	25.9	38.9
65	55.8	43.0	64.4





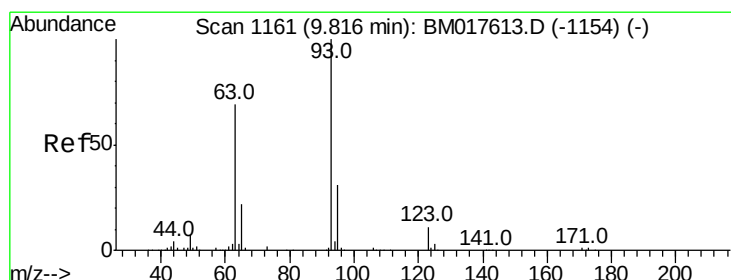
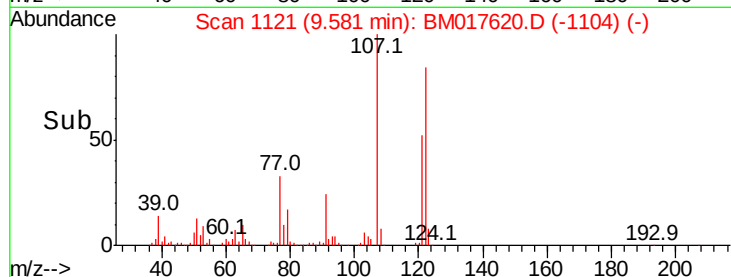
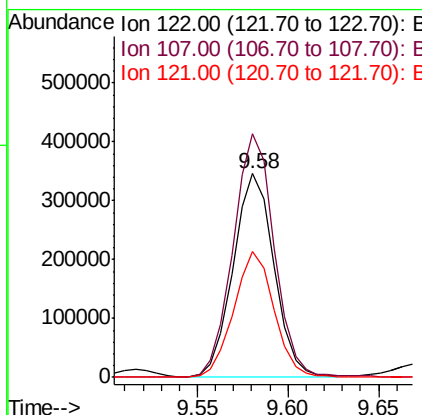
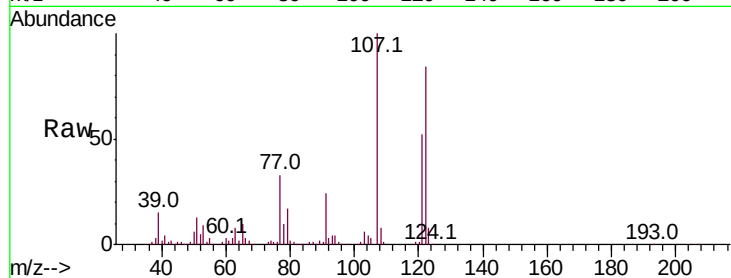
#27
 2,4-Dimethylphenol
 Concen: 42.755 ng
 RT: 9.58 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Instrument :
 BNA_M
 ClientSampled :
 RT-3263MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	119.7	95.8	143.8	
121	62.0	47.2	70.8	

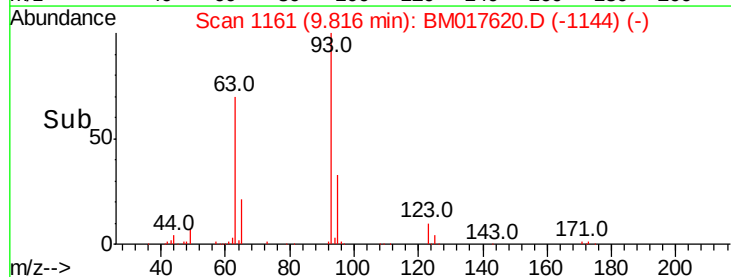
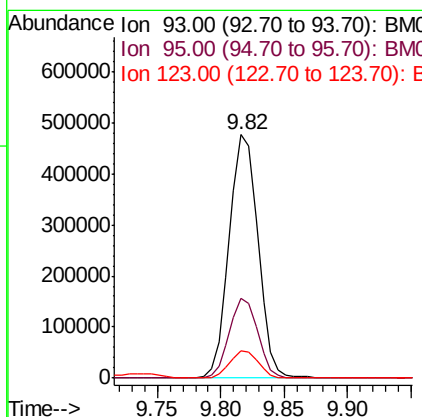
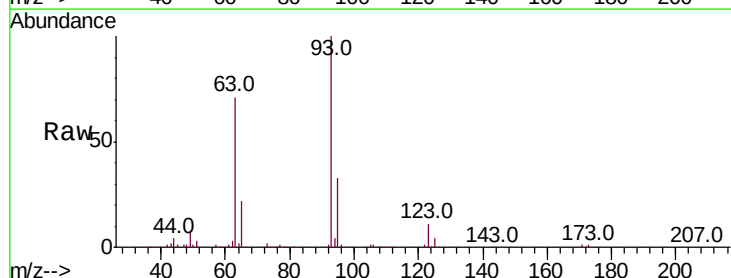
Manual Integrations
 APPROVED

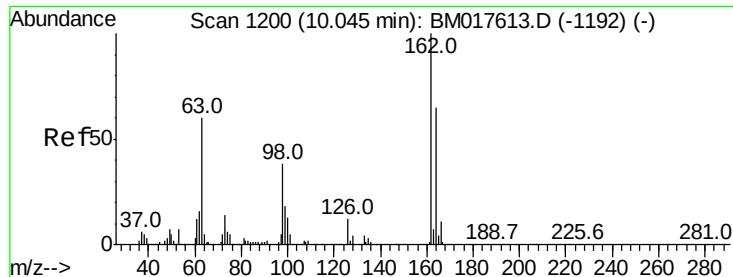
Sohil
 11/13/2018 2:25:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.520 ng
 RT: 9.82 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.9	24.9	37.3	
123	11.0	8.7	13.1	





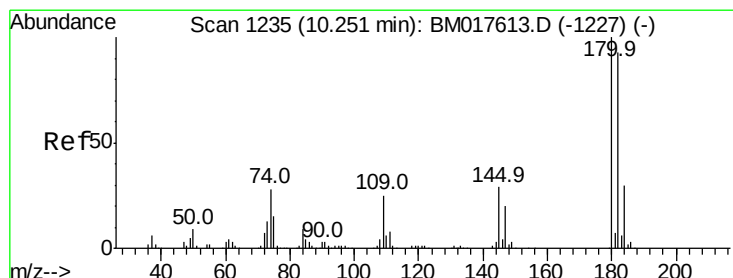
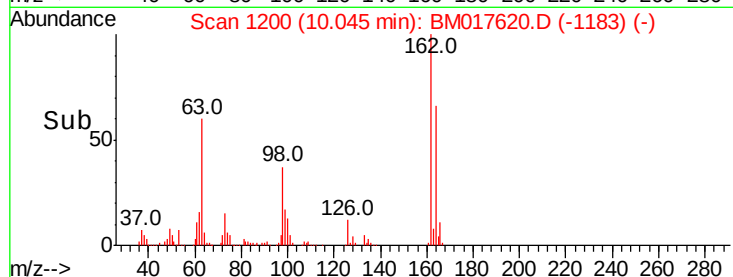
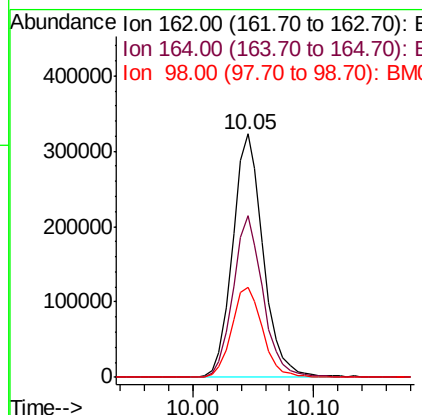
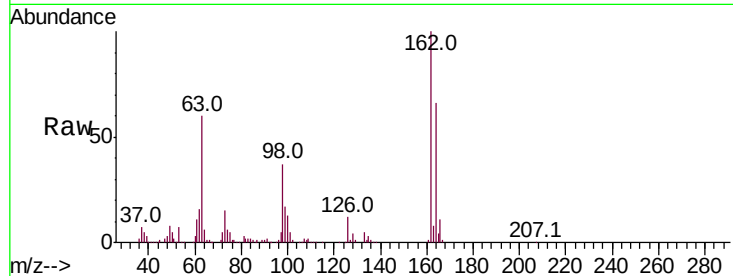
#29
 2,4-Dichlorophenol
 Concen: 39.039 ng
 RT: 10.05 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Instrument :
 BNA_M
 ClientSampled :
 RT-3263MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	568779		
164	66.2	45.0	85.0	
98	36.9	17.5	57.5	

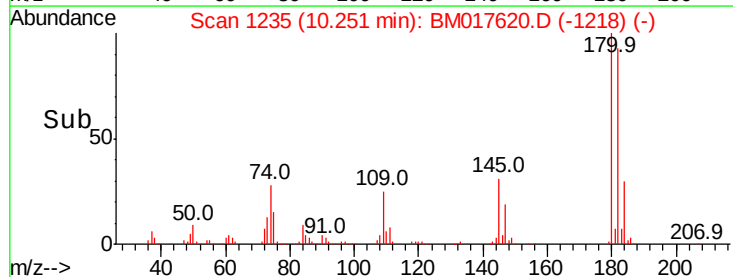
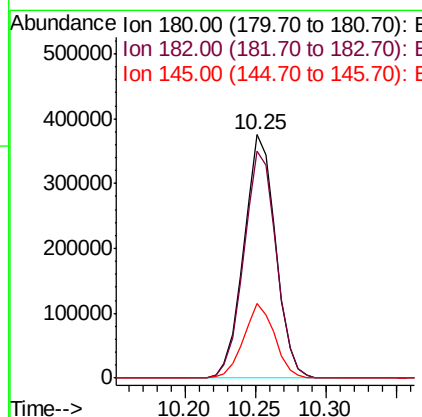
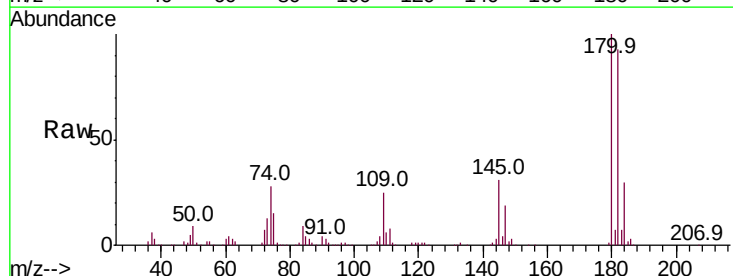
Manual Integrations
 APPROVED

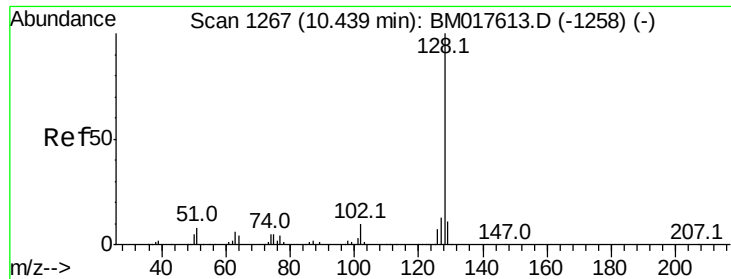
Sohil
 11/13/2018 2:25:35 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.005 ng
 RT: 10.25 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	593165		
182	93.2	74.4	111.6	
145	30.8	23.5	35.3	





#31

Naphthalene

Concen: 38.316 ng

RT: 10.44 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

ClientSampled :

RT-3263MS

Tot Ion:128 Resp: 1812298

Ion Ratio Lower Upper

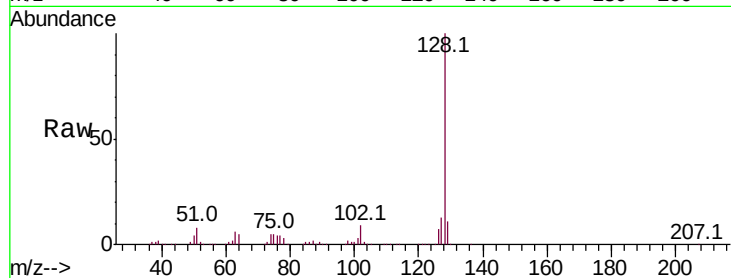
128 100

129 10.7 8.6 12.8

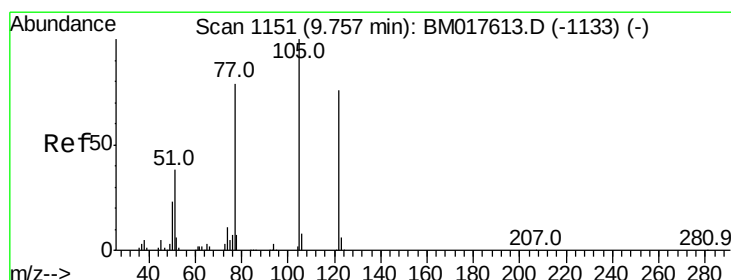
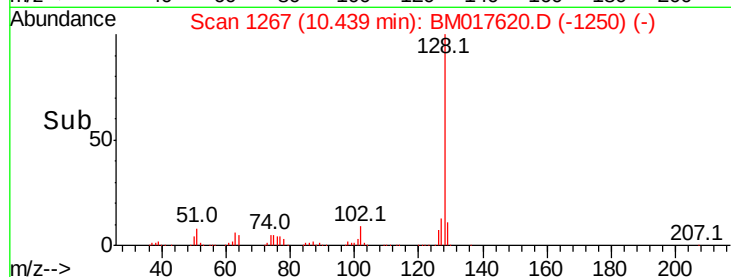
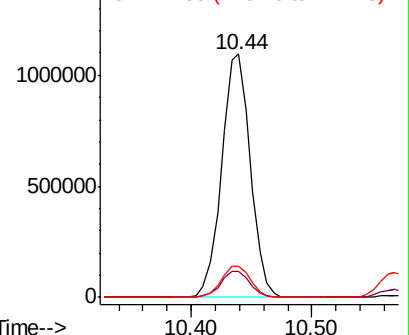
127 12.9 10.3 15.5

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 PM



Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.550 ng m

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

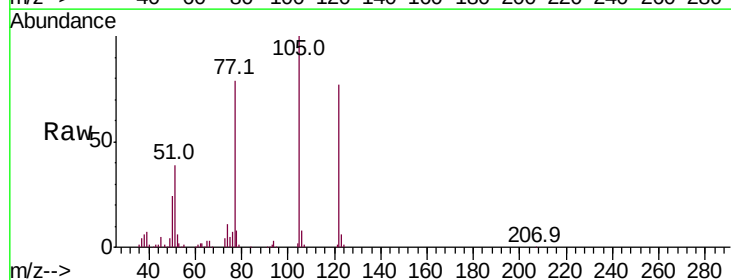
Tgt Ion:122 Resp: 404179

Ion Ratio Lower Upper

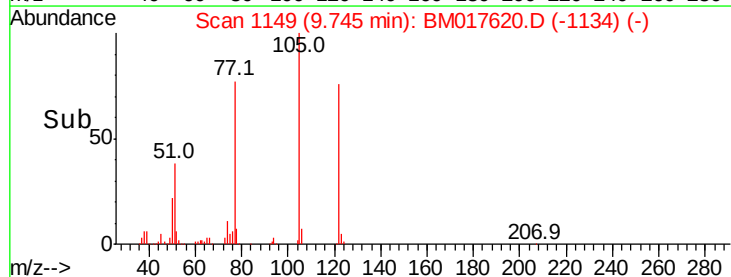
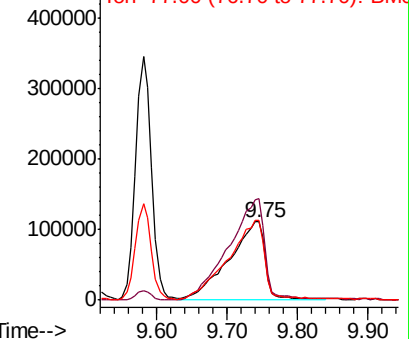
122 100

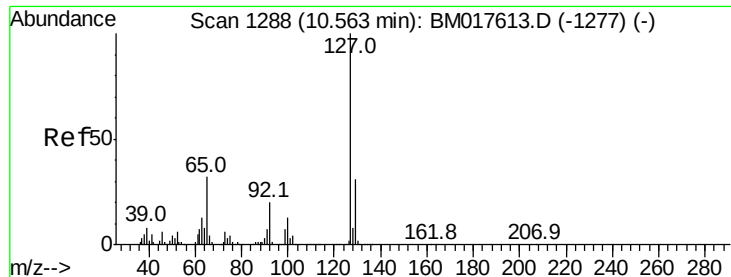
105 130.0 109.1 149.1

77 102.4 82.1 122.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





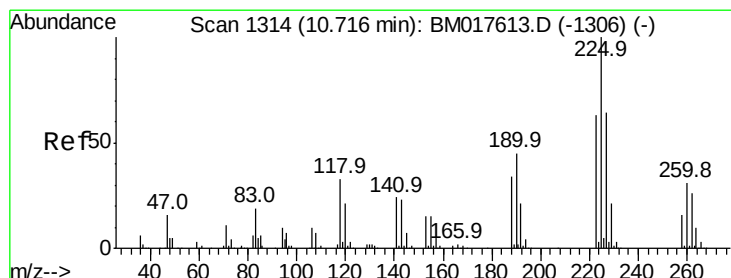
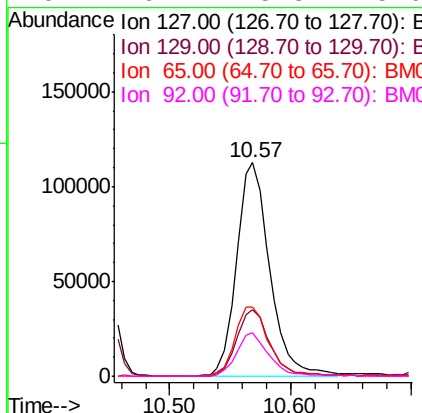
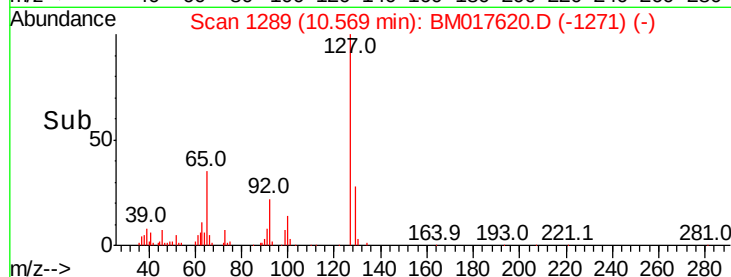
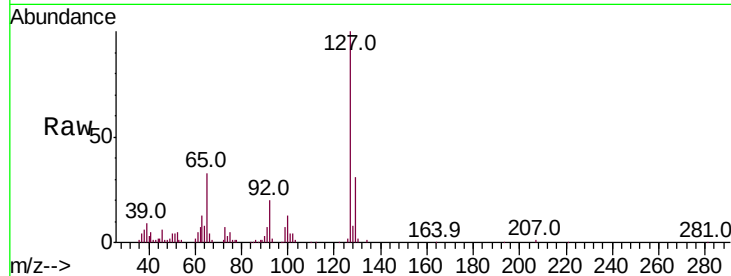
#33
4-Chloroaniline
Concen: 10.411 ng
RT: 10.57 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.2	25.0	37.4	
65	32.6	25.8	38.8	
92	20.2	15.8	23.6	

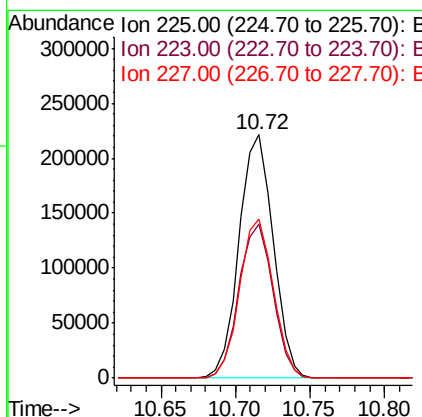
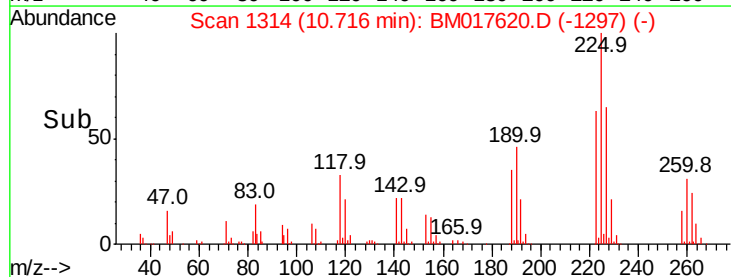
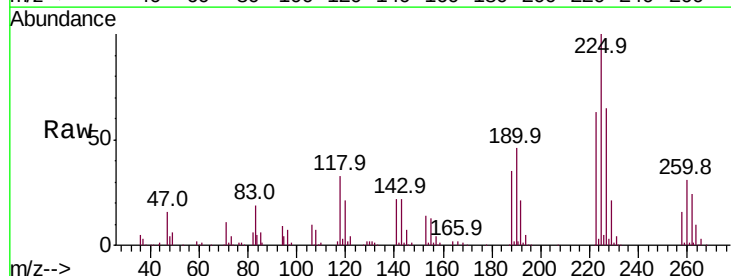
Manual Integrations
APPROVED

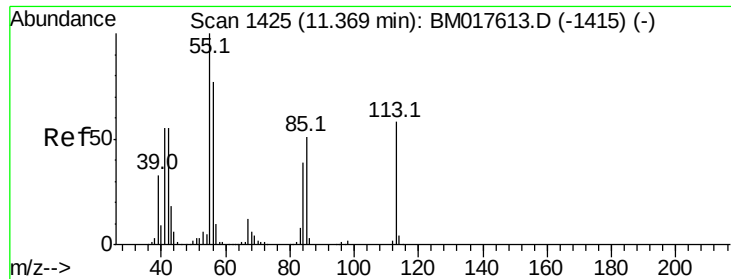
Sohil
11/13/2018 2:25:35 PM



#34
Hexachlorobutadiene
Concen: 33.542 ng
RT: 10.72 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	50.7	76.1	
227	65.3	51.0	76.4	





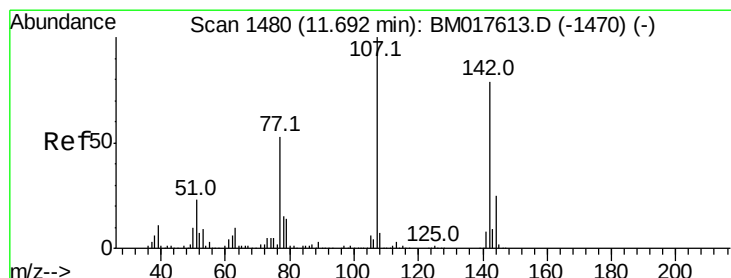
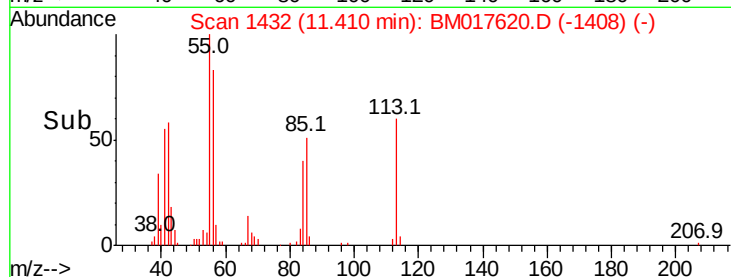
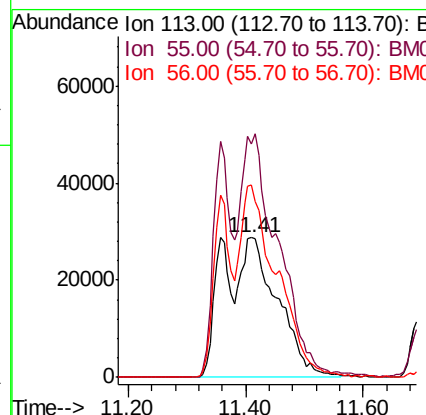
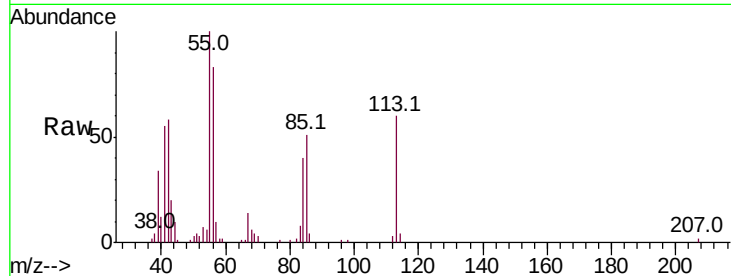
#35
Caprolactam
Concen: 34.393 ng/ml
RT: 11.41 min Scan# 1432
Delta R.T. 0.04 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	167.0	153.1	193.1	
56	138.0	112.7	152.7	

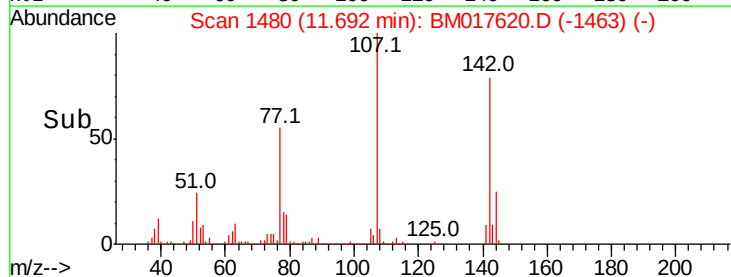
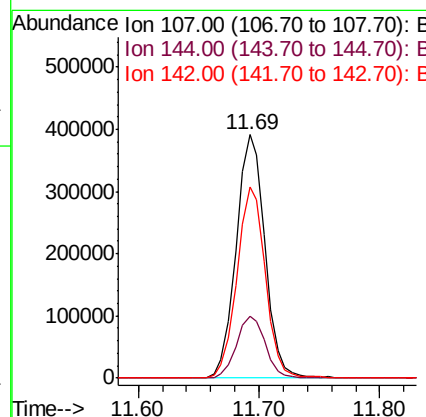
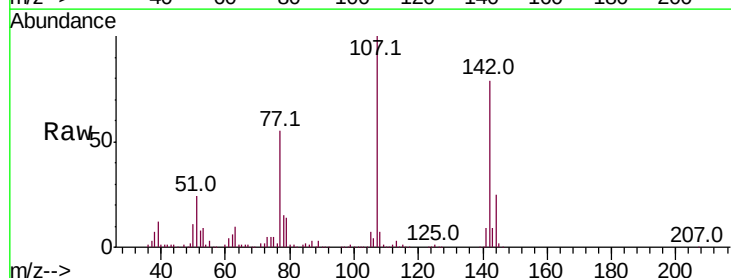
Manual Integrations
APPROVED

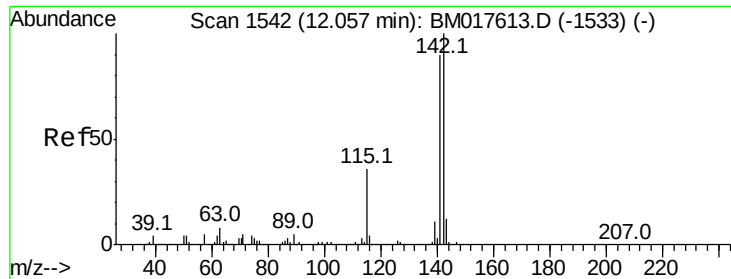
Sohil
11/13/2018 2:25:35 PM



#36
4-Chloro-3-methylphenol
Concen: 38.650 ng
RT: 11.69 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.4	19.9	29.9	
142	78.6	63.0	94.4	





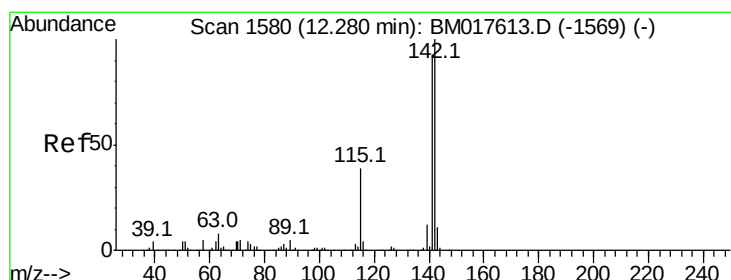
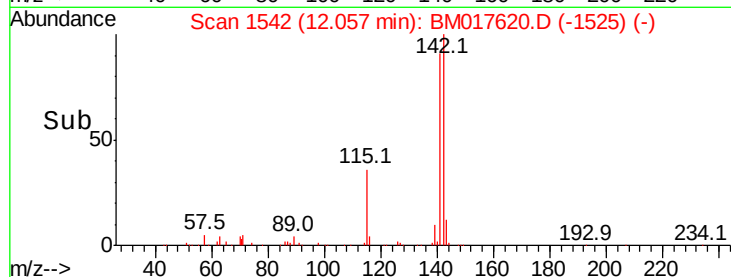
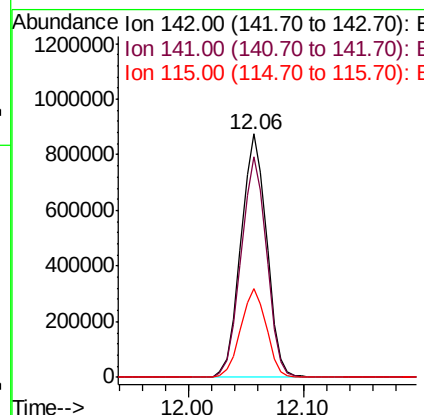
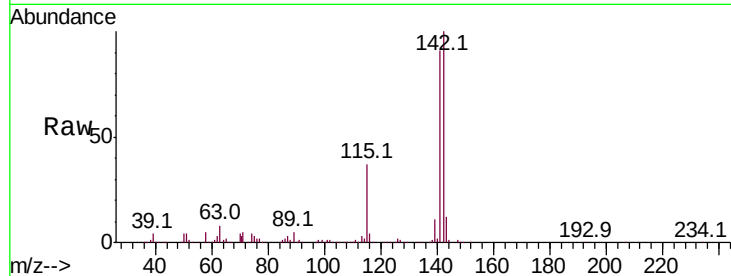
#37
2-Methylnaphthalene
Concen: 40.635 ng
RT: 12.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampled :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.2	108.4
115	36.5	28.5	42.7

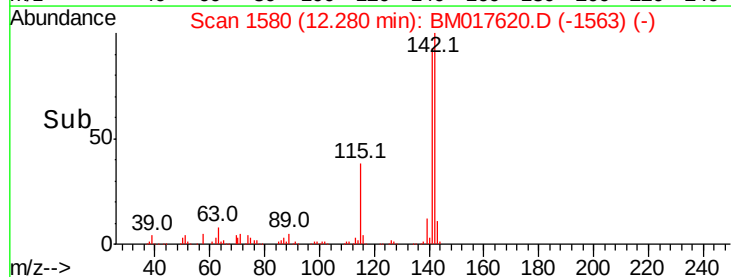
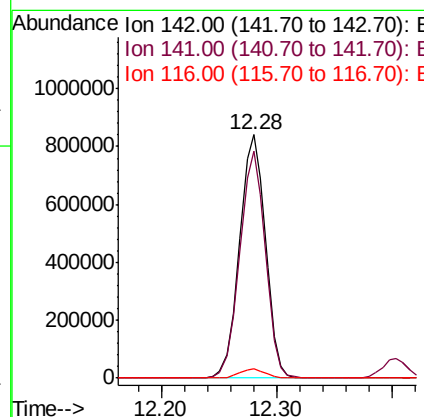
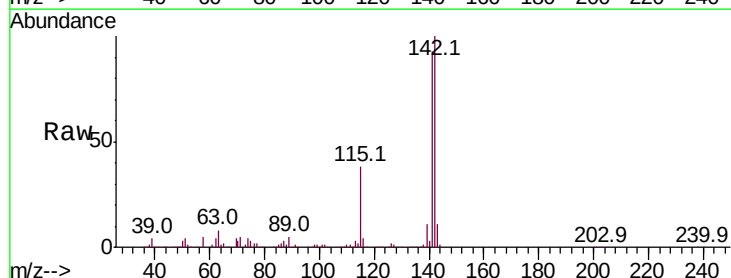
Manual Integrations
APPROVED

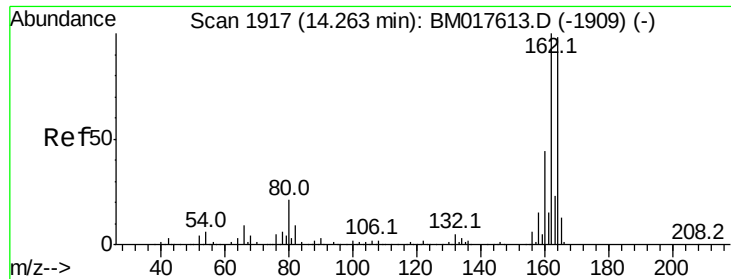
Sohil
11/13/2018 2:25:35 PM



#38
1-Methylnaphthalene
Concen: 39.666 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.4
116	4.1	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

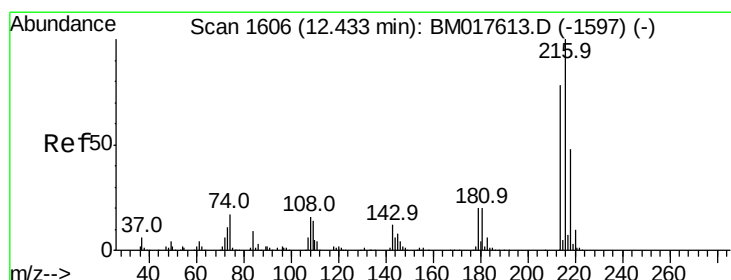
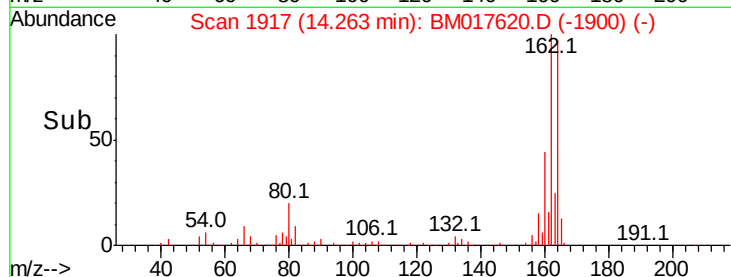
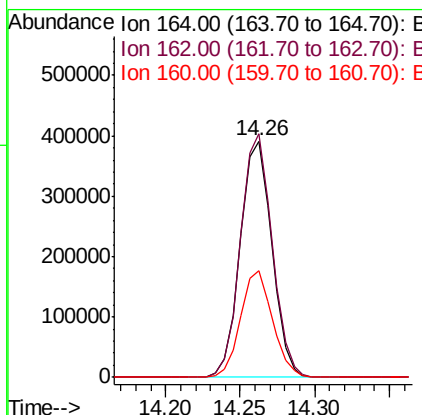
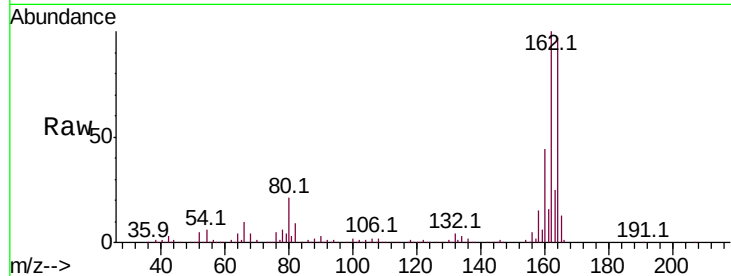
ClientSampleId :

RT-3263MS

Tot Ion:	164	Resp:	574575
Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.0
160	45.3	35.6	53.4

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.634 ng

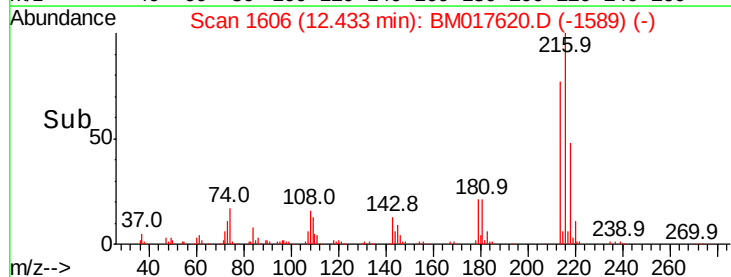
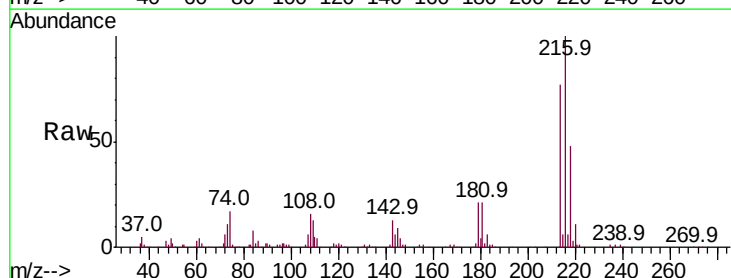
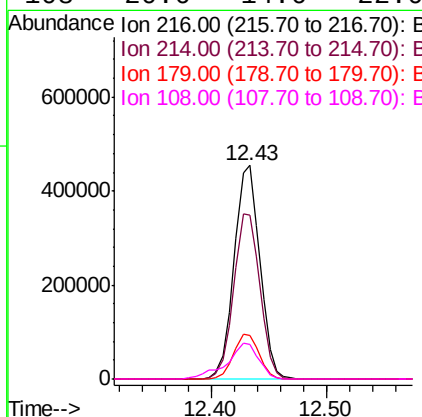
RT: 12.43 min Scan# 1606

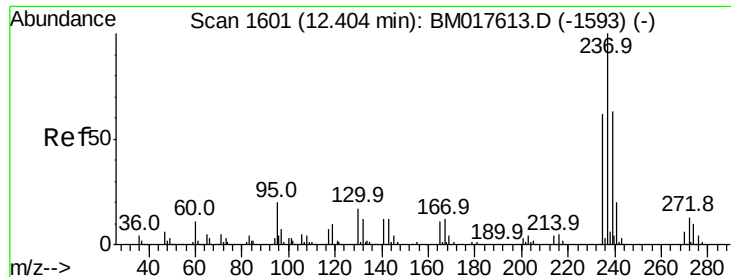
Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Tgt Ion:	216	Resp:	701718
Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.5	93.7
179	21.0	16.8	25.2
108	20.6	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 82.377 ng

RT: 12.40 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

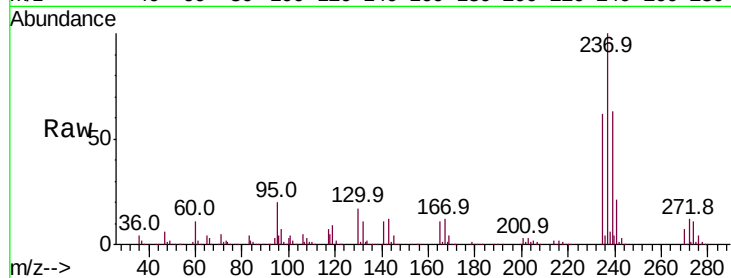
ClientSampleId :

RT-3263MS

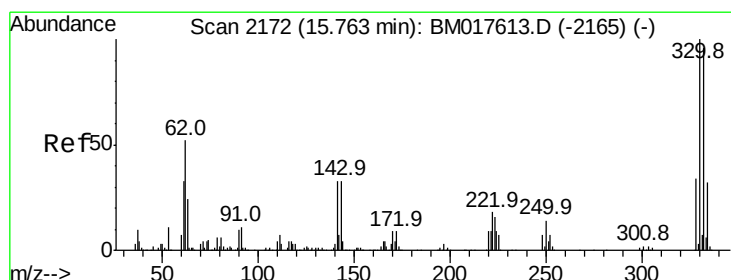
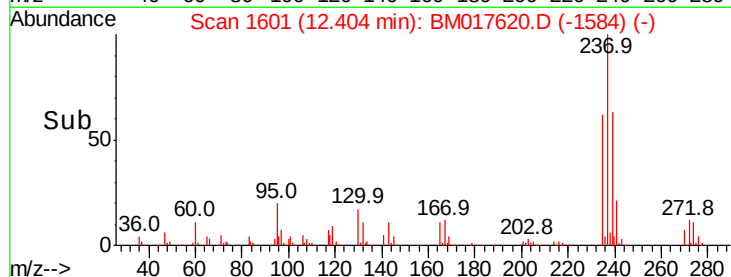
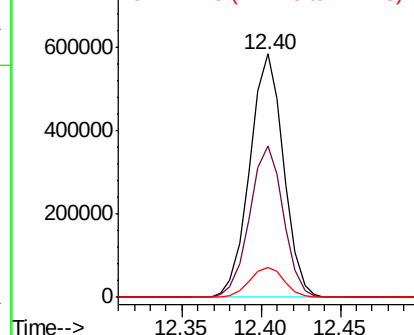
Tot Ion:	237	Resp:	862448
Ion Ratio	Lower	Upper	
237	100		
235	62.2	42.2	82.2
272	12.3	0.0	32.6

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 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: 122.947 ng

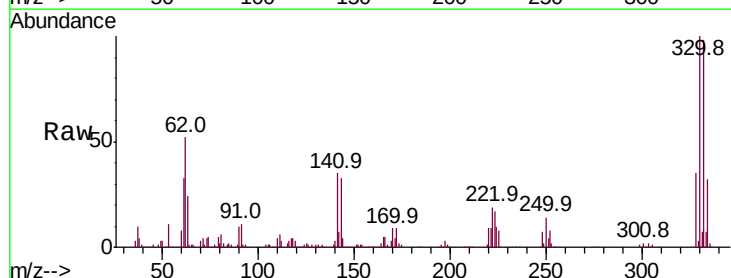
RT: 15.76 min Scan# 2172

Delta R.T. -0.00 min

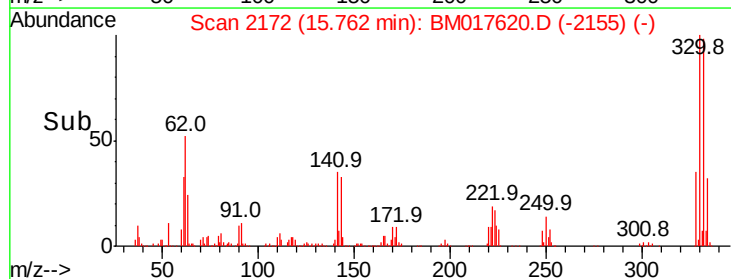
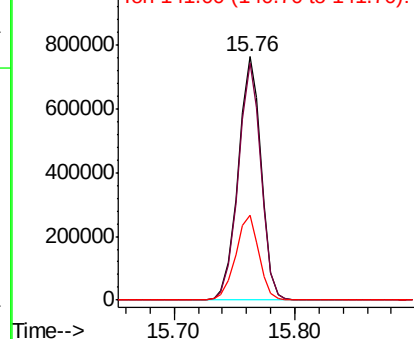
Lab File: BM017620.D

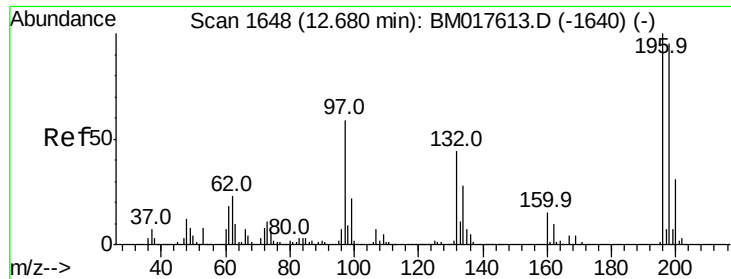
Acq: 12 Nov 2018 19:32

Tgt Ion:	330	Resp:	1015032
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.9	116.9
141	35.0	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





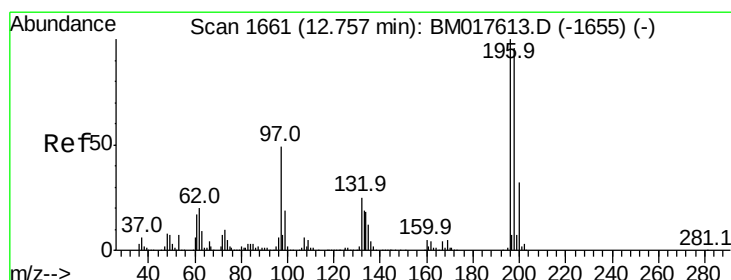
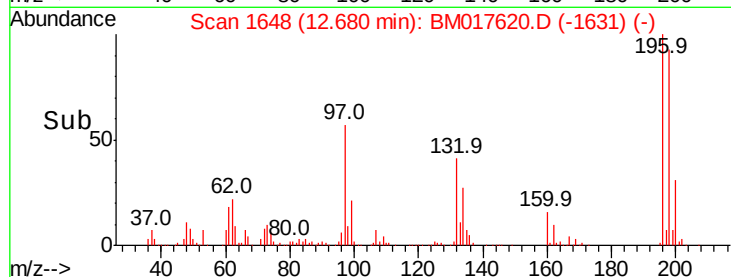
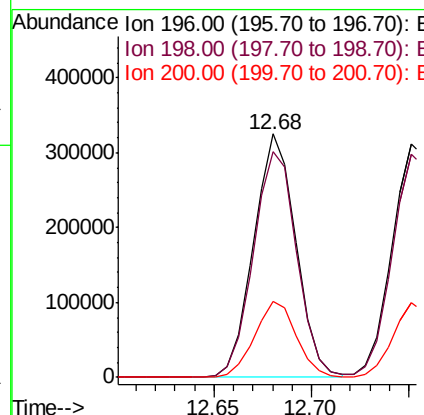
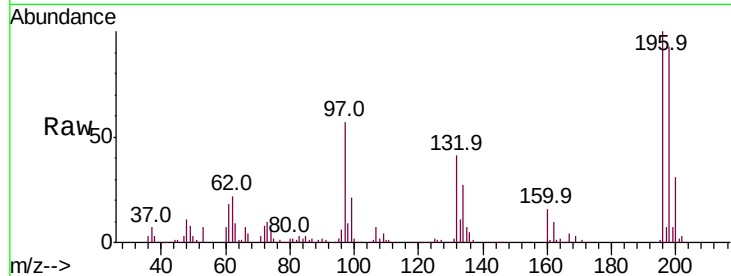
#43
 2,4,6-Trichlorophenol
 Concen: 38.345 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	486634		
198	92.9	75.6	113.4	
200	31.4	24.8	37.2	

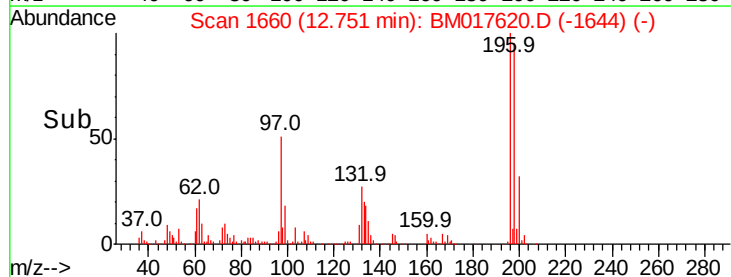
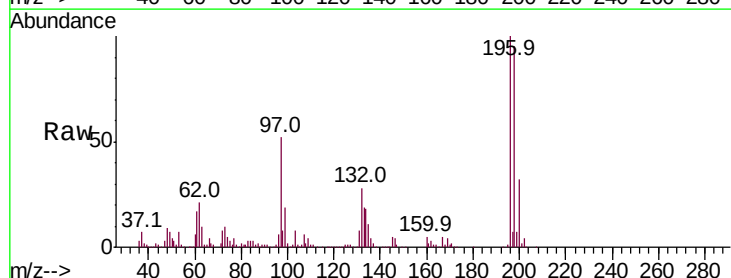
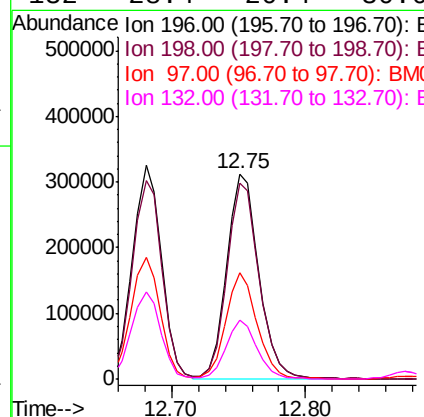
Manual Integrations
 APPROVED

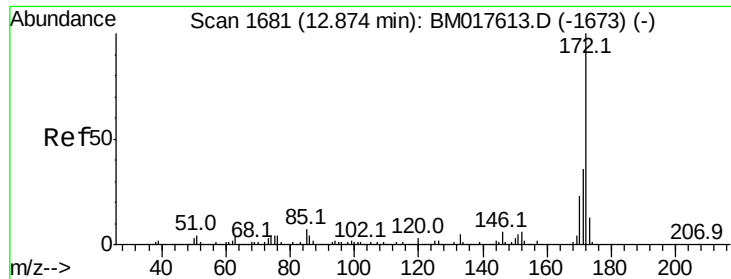
Sohil
 11/13/2018 2:25:35 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.940 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	521799		
198	95.4	76.8	115.2	
97	52.1	39.0	58.6	
132	28.4	20.4	30.6	





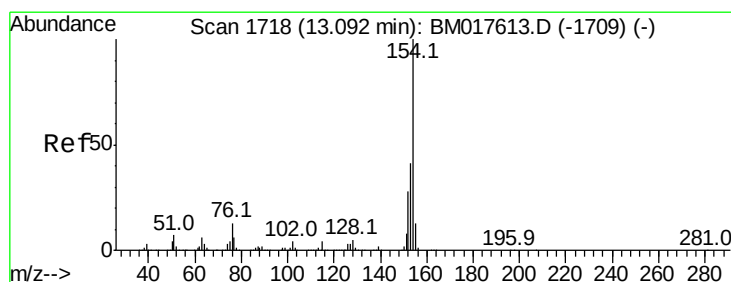
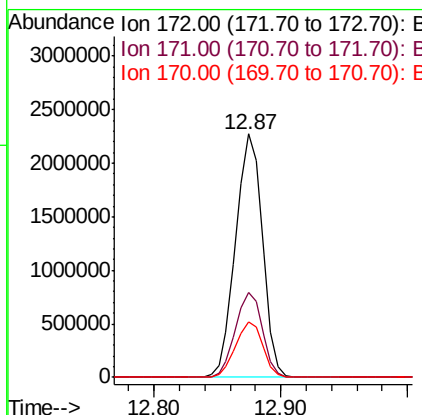
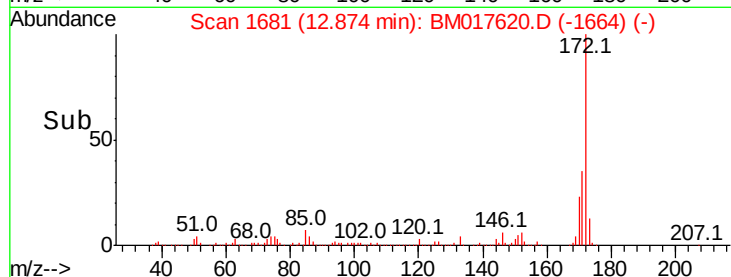
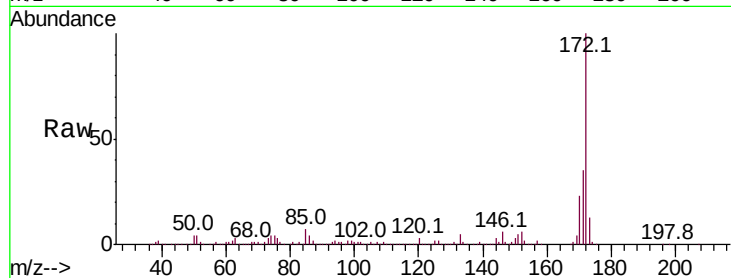
#45
2-Fluorobiphenyl
Concen: 75.205 ng
RT: 12.87 min Scan# 1681
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	22.9	18.3	27.5

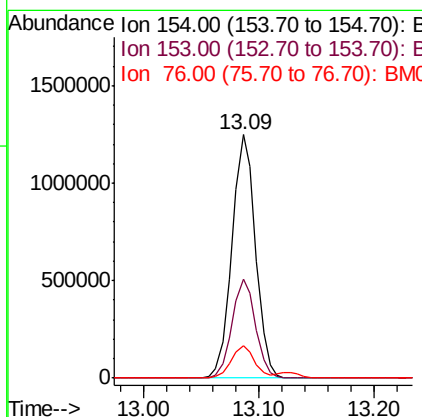
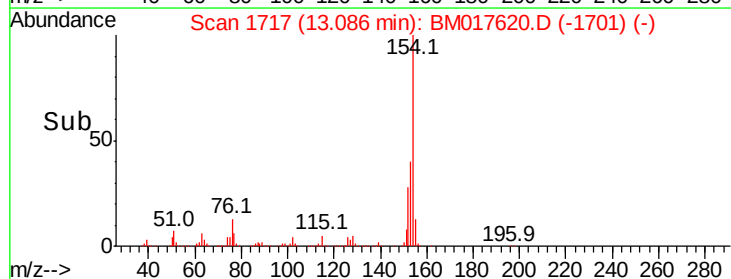
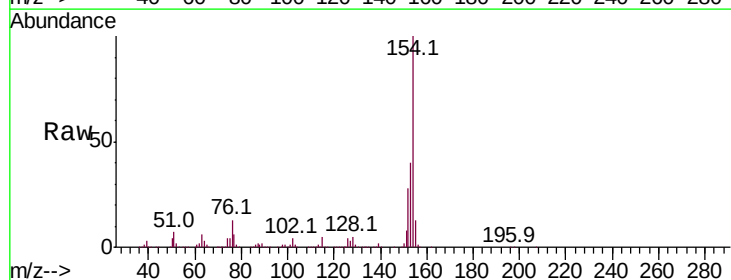
Manual Integrations
APPROVED

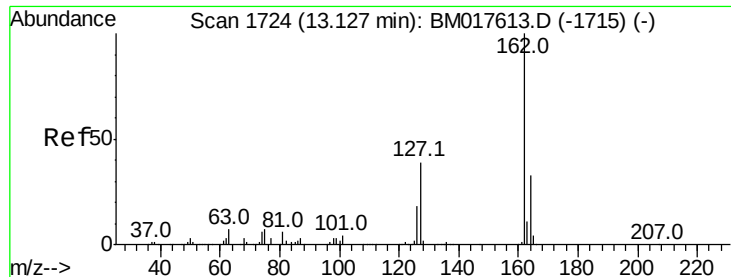
Sohil
11/13/2018 2:25:35 PM



#46
1,1'-Biphenyl
Concen: 34.036 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.8	60.8
76	13.2	0.0	32.8





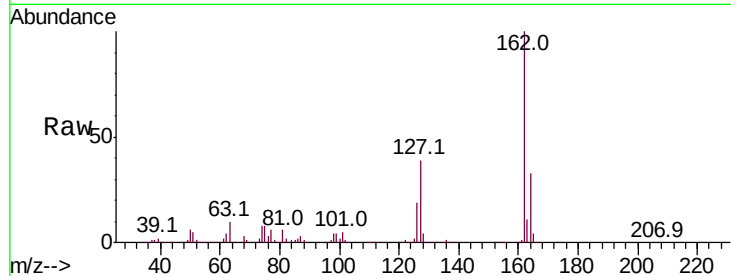
#47
2-Chloronaphthalene
Concen: 35.379 ng
RT: 13.13 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	32.6	48.8
164	32.9	26.5	39.7

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 PM

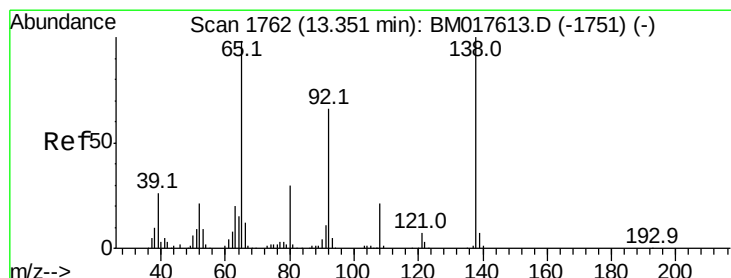
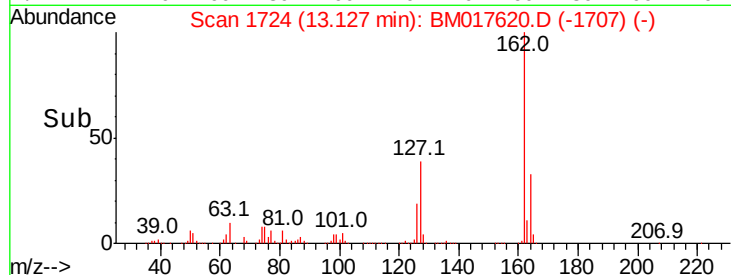
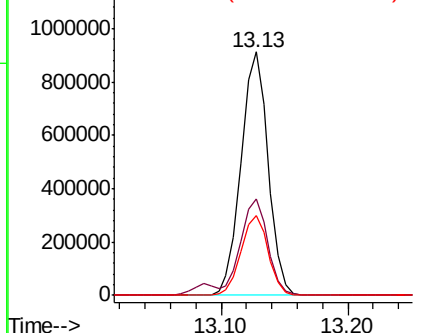


Abundance

Ion 162.00 (161.70 to 162.70): E

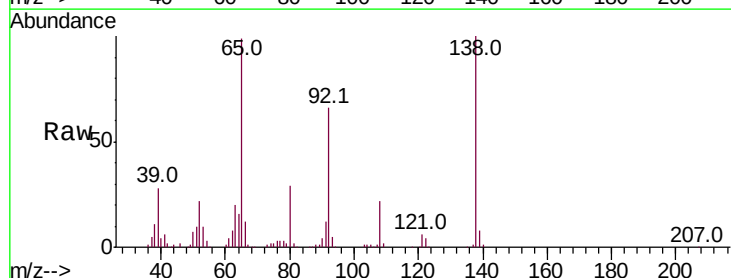
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.606 ng
RT: 13.34 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	53.7	80.5
138	100.6	81.5	122.3

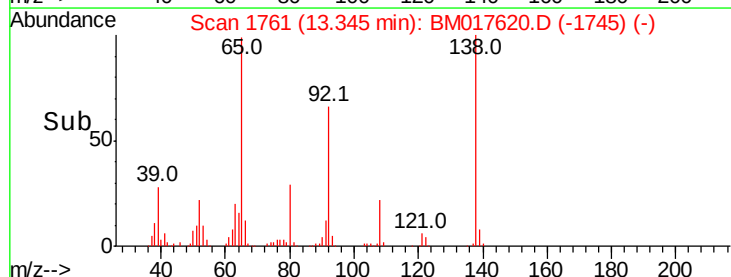
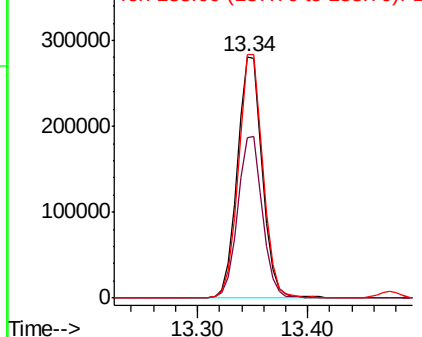


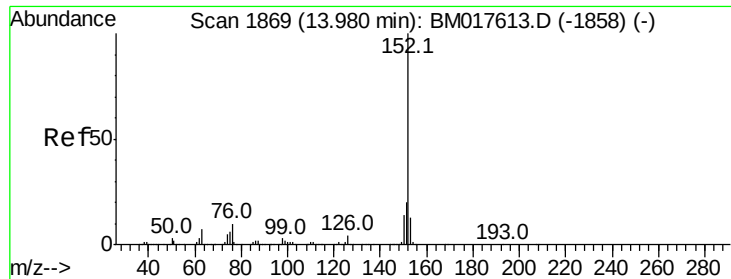
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.111 ng

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

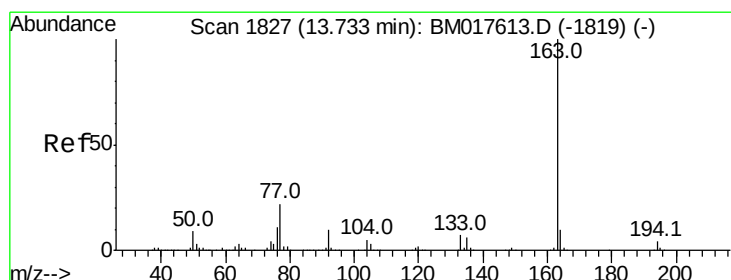
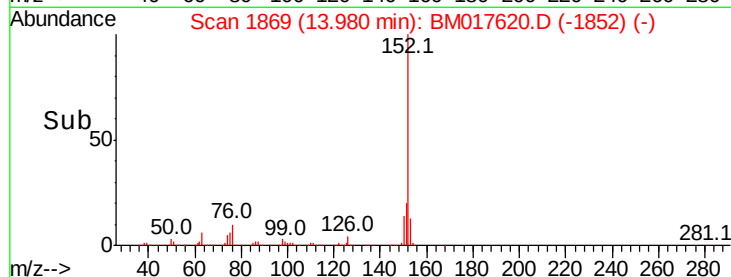
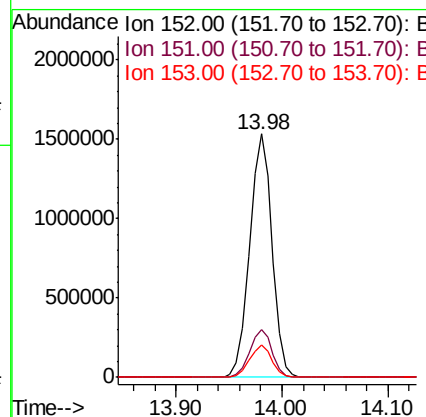
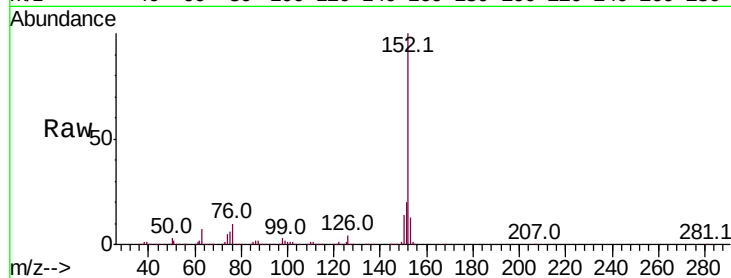
ClientSampleId :

RT-3263MS

Tot Ion:	152	Resp:	2249481
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.3	10.5	15.7

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 PM



#50

Dimethylphthalate

Concen: 41.890 ng

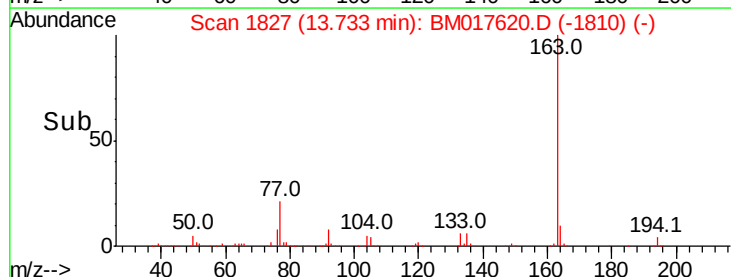
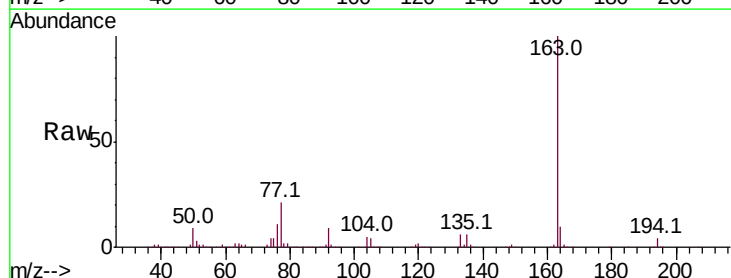
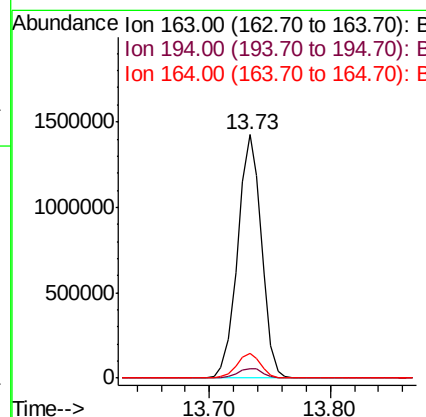
RT: 13.73 min Scan# 1827

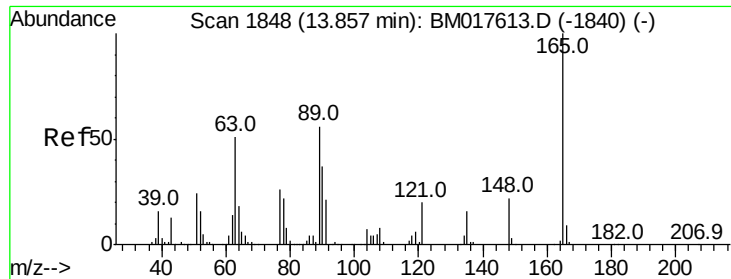
Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Tgt Ion:	163	Resp:	1956876
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	9.9	8.2	12.4





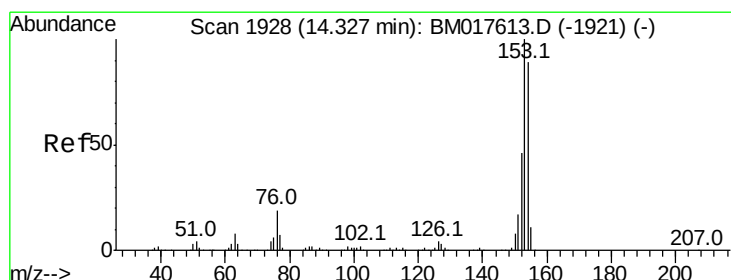
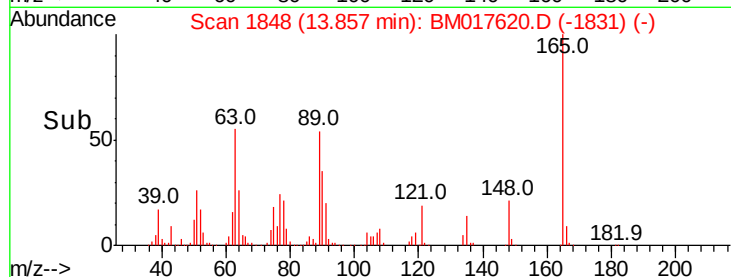
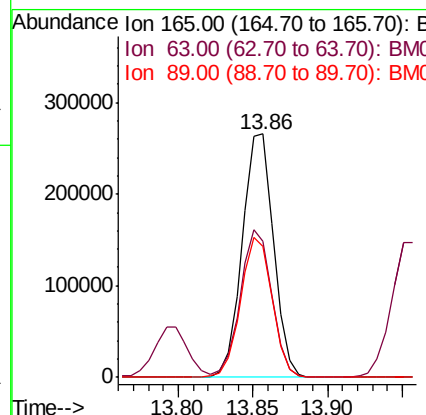
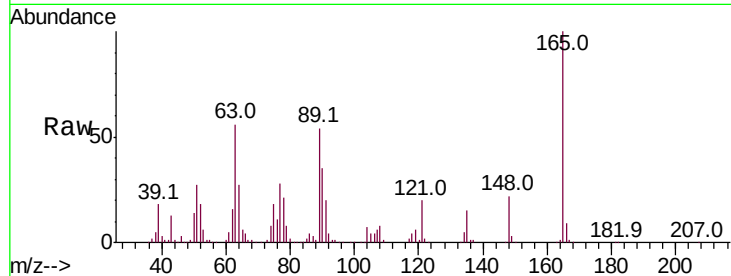
#51
 2,6-Dinitrotoluene
 Concen: 37.179 ng
 RT: 13.86 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MS

Tot Ion:	165	Resp:	386746
Ion Ratio	Lower	Upper	
165	100		
63	56.0	47.3	70.9
89	53.7	44.8	67.2

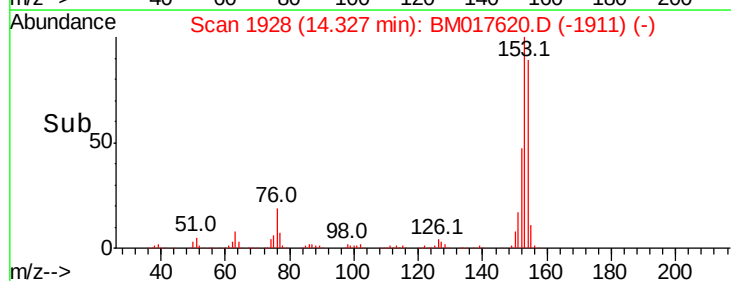
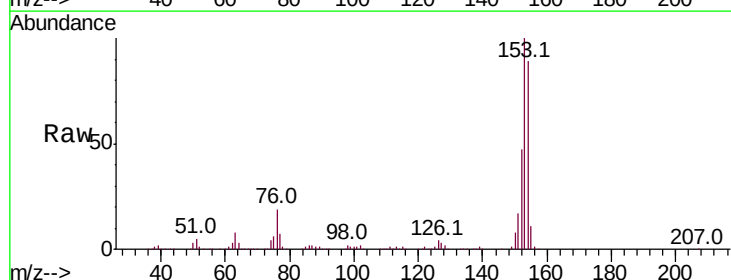
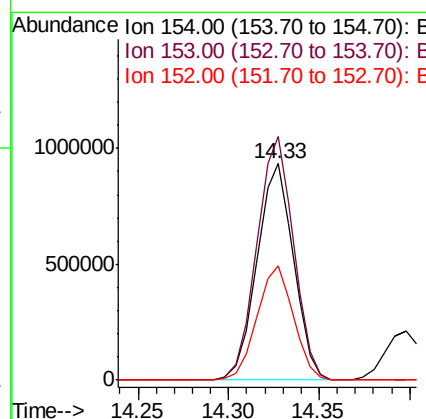
Manual Integrations
 APPROVED

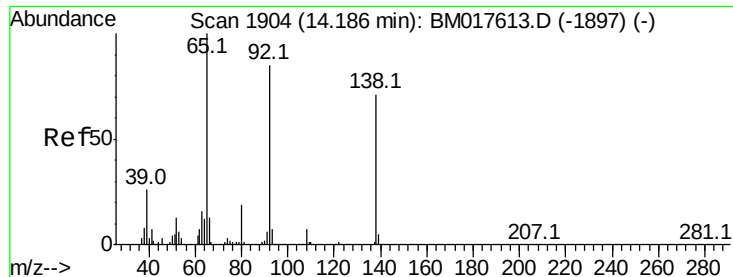
Sohil
 11/13/2018 2:25:35 PM



#52
 Acenaphthene
 Concen: 37.100 ng
 RT: 14.33 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Tgt Ion:	154	Resp:	1309538
Ion Ratio	Lower	Upper	
154	100		
153	112.4	90.2	135.4
152	52.7	41.6	62.4





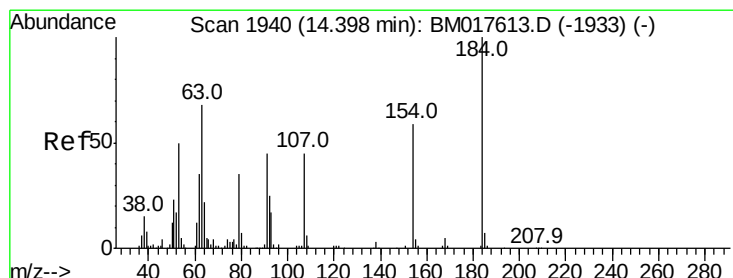
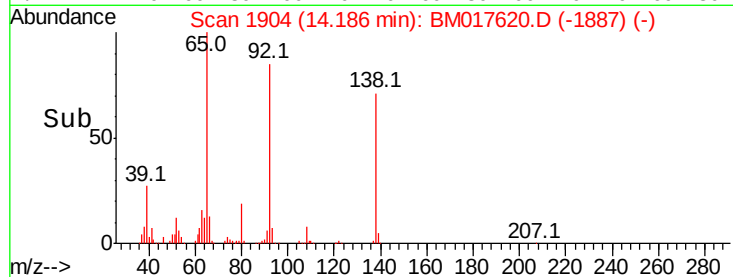
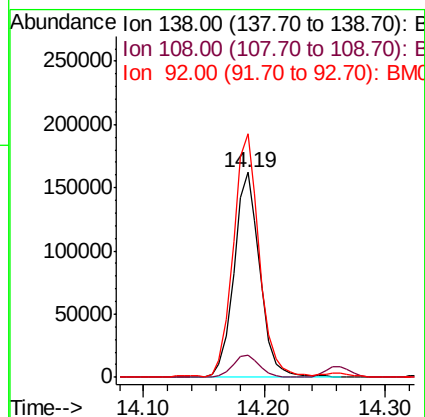
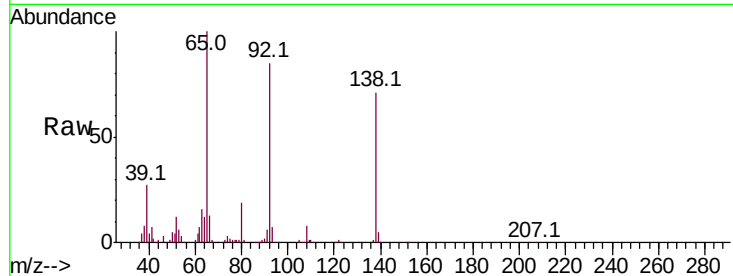
#53
3-Nitroaniline
Concen: 21.305 ng
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampled :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.2	12.2
92	119.0	95.4	143.2

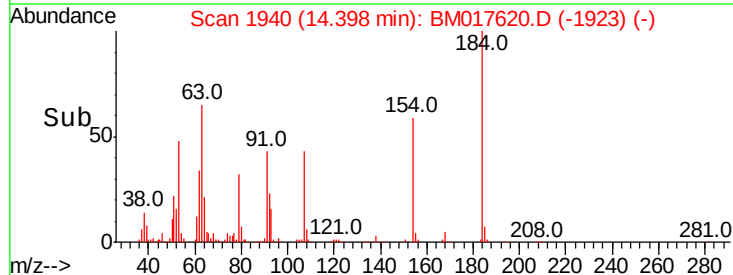
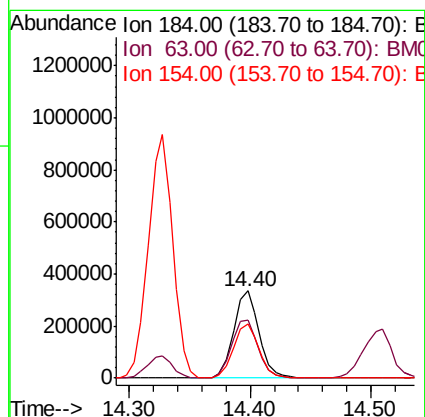
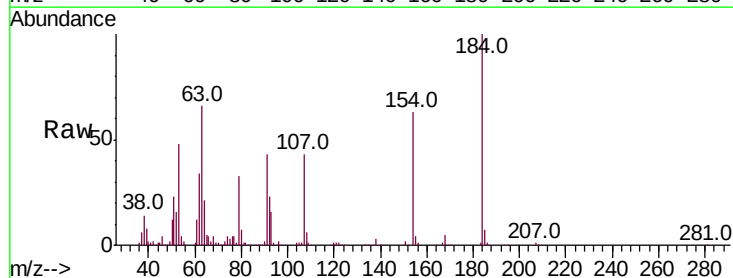
Manual Integrations
APPROVED

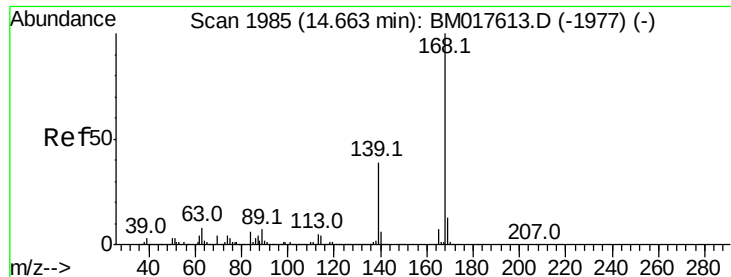
Sohil
11/13/2018 2:25:35 PM



#54
2,4-Dinitrophenol
Concen: 77.585 ng
RT: 14.40 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.1	55.1	82.7
154	62.7	51.3	76.9





#55

Dibenzofuran

Concen: 36.336 ng

RT: 14.66 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

ClientSampled :

RT-3263MS

Tot Ion:168 Resp: 2095956

Ion Ratio Lower Upper

168 100

139 37.1 31.0 46.6

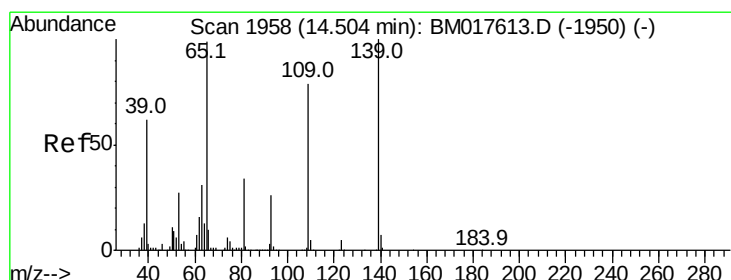
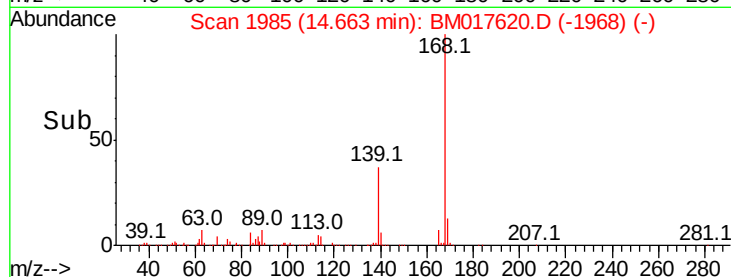
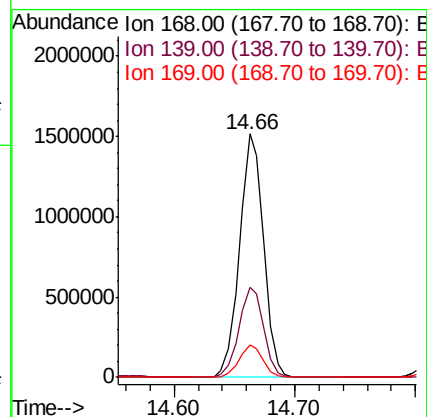
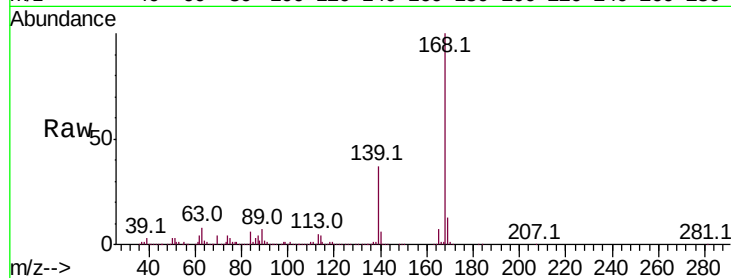
169 13.5 10.6 16.0

Manual Integrations

APPROVED

Sohil

11/13/2018 2:25:35 PM



#56

4-Nitrophenol

Concen: 98.840 ng

RT: 14.51 min Scan# 1959

Delta R.T. 0.01 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

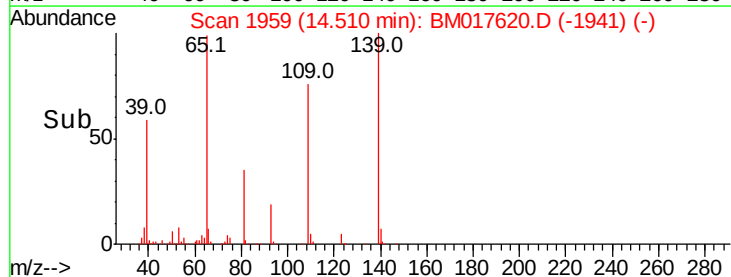
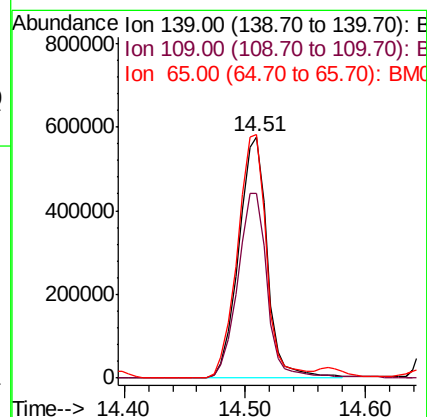
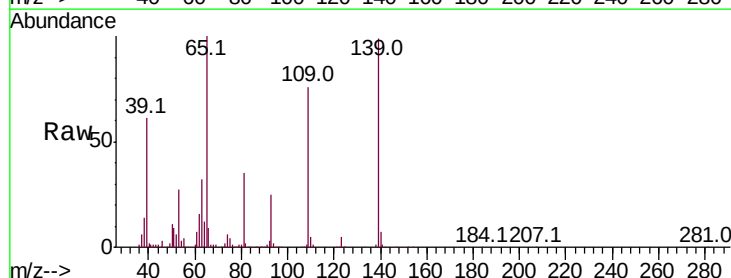
Tgt Ion:139 Resp: 952772

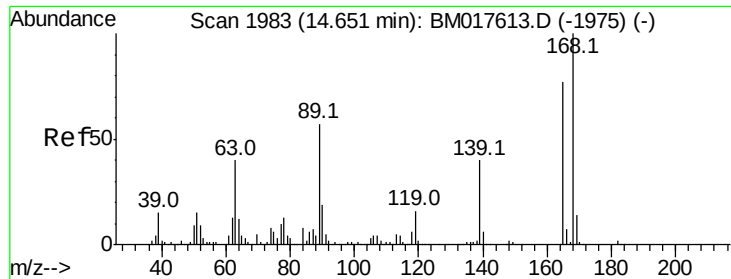
Ion Ratio Lower Upper

139 100

109 76.5 58.6 98.6

65 100.9 79.5 119.5





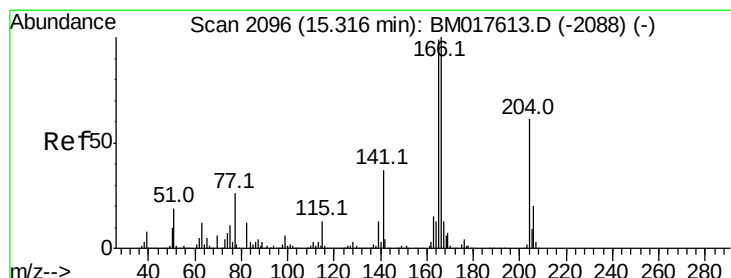
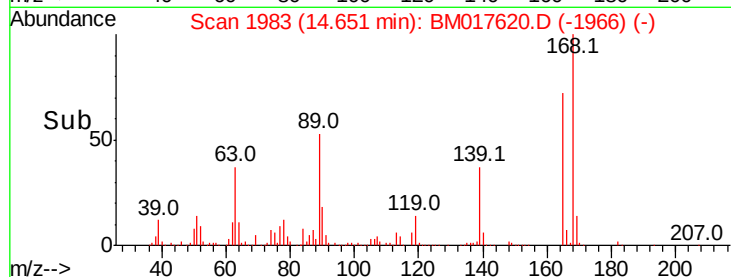
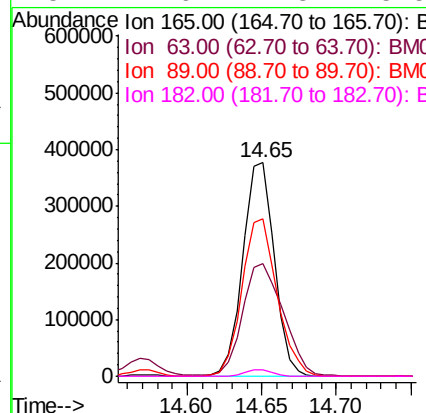
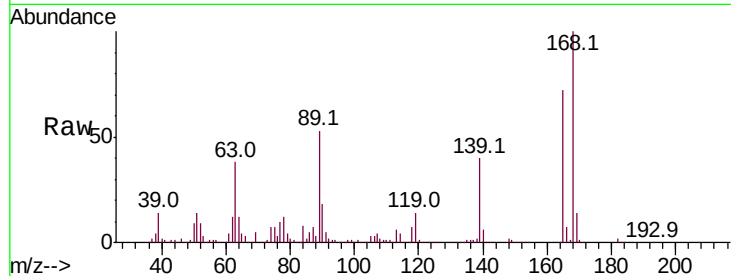
#57
2,4-Dinitrotoluene
Concen: 39.367 ng
RT: 14.65 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.7	41.8	62.8	
89	73.6	59.5	89.3	
182	2.9	2.3	3.5	

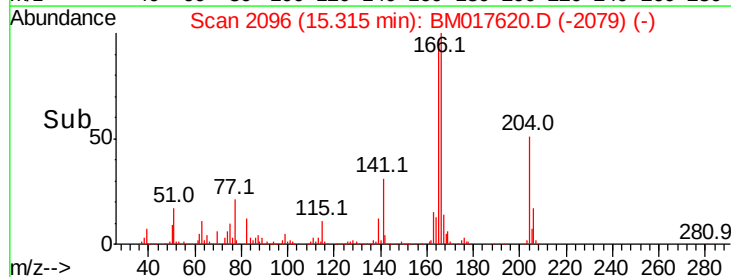
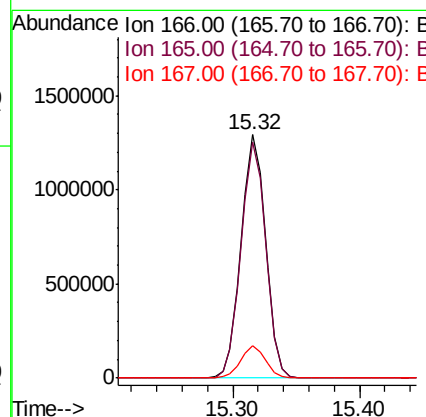
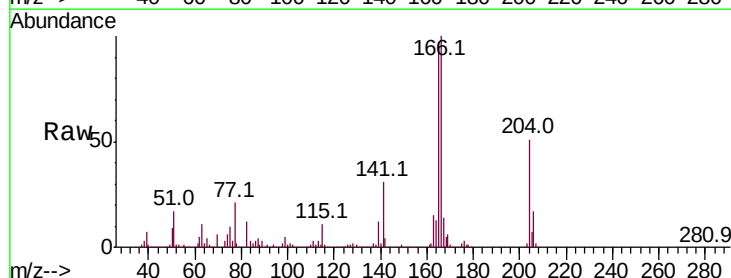
Manual Integrations
APPROVED

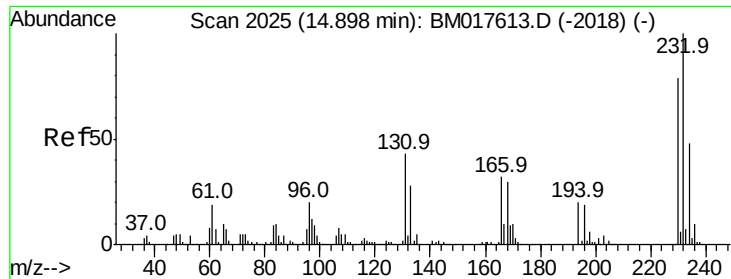
Sohil
11/13/2018 2:25:35 PM



#58
Fluorene
Concen: 39.252 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0	79.0	118.6	
167	13.6	10.8	16.2	





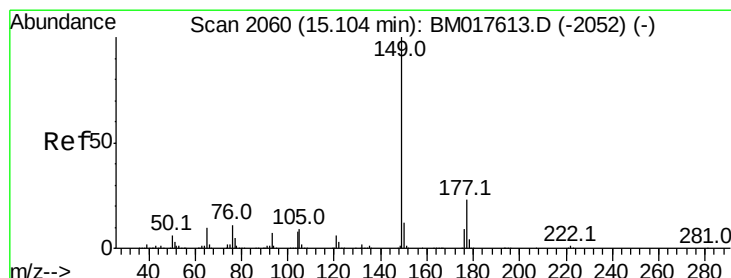
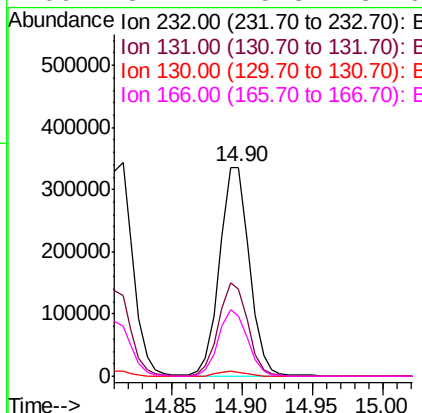
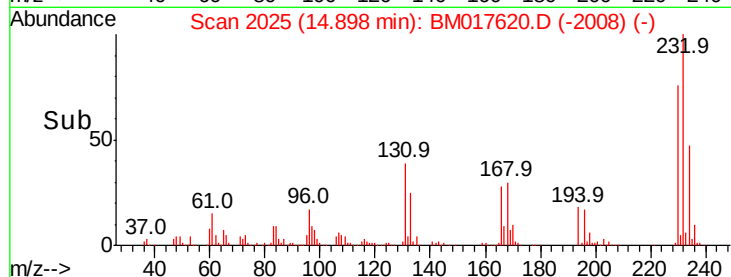
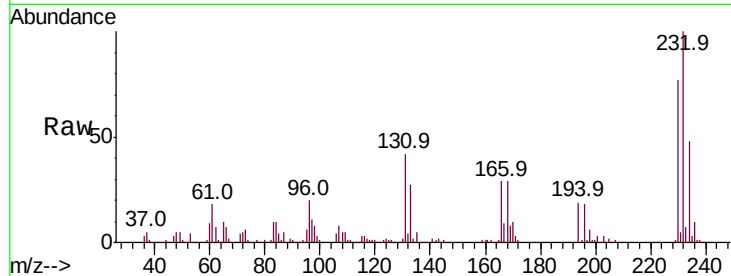
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.805 ng
 RT: 14.90 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Instrument :
 BNA_M
 ClientSampleId :
 RT-3263MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	490589		
131	43.8		34.8	52.2
130	2.4		1.9	2.9
166	31.2		25.3	37.9

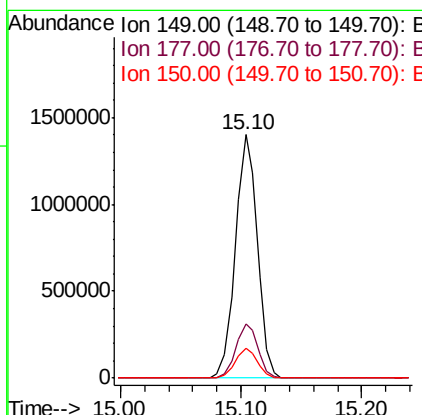
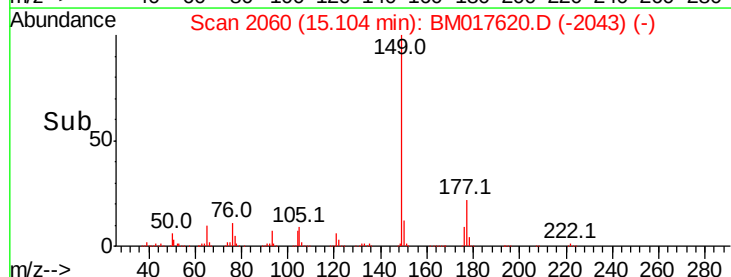
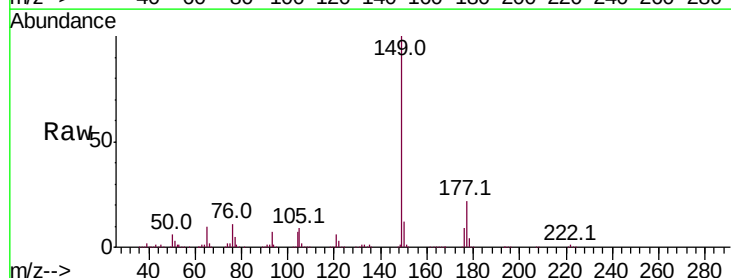
Manual Integrations
 APPROVED

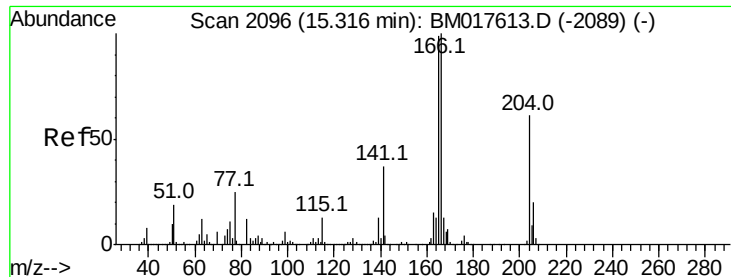
Sohil
 11/13/2018 2:25:35 PM



#60
 Diethylphthalate
 Concen: 35.099 ng
 RT: 15.10 min Scan# 2060
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1771605		
177	22.2		18.1	27.1
150	12.5		9.9	14.9





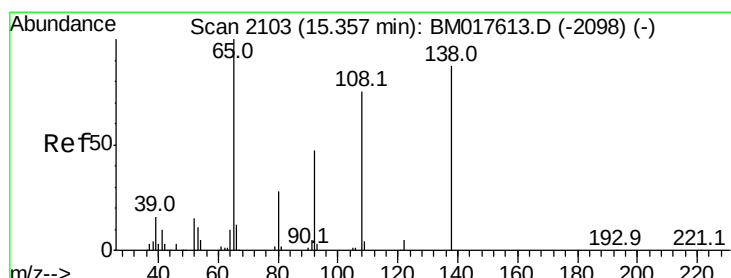
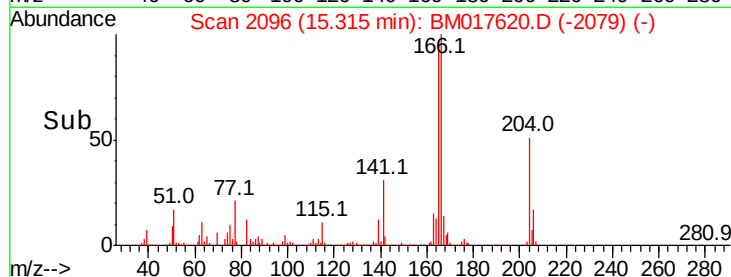
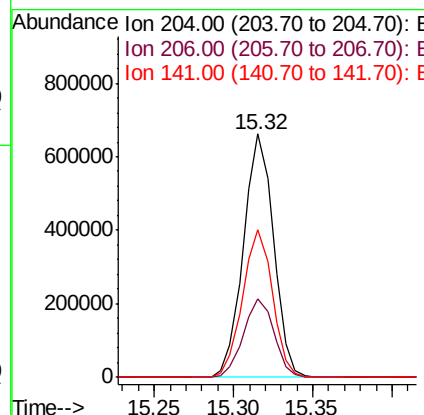
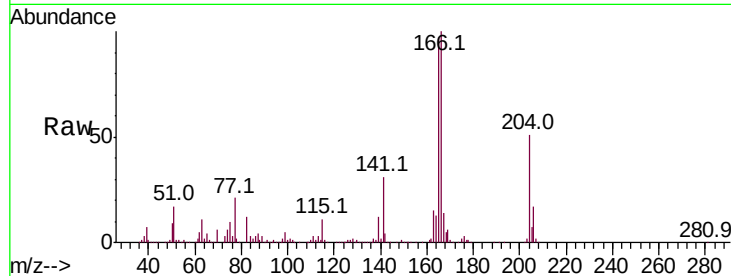
#61
4-Chlorophenyl-phenylether
Concen: 34.743 ng
RT: 15.32 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampled :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.9	38.9
141	60.8	47.9	71.9

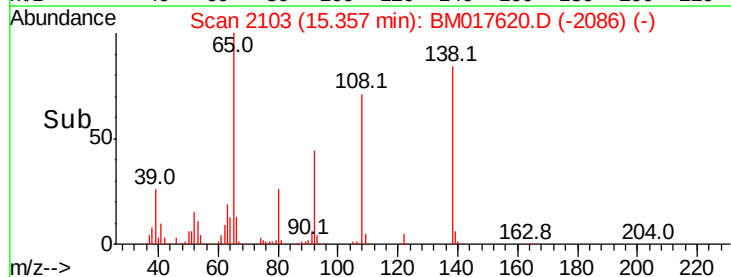
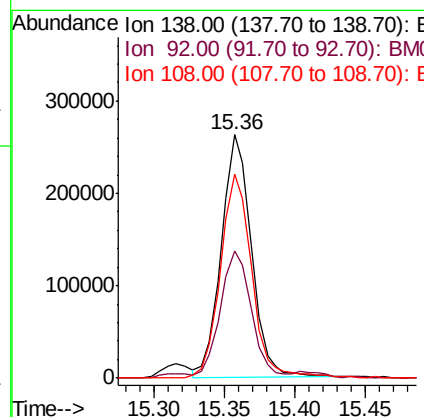
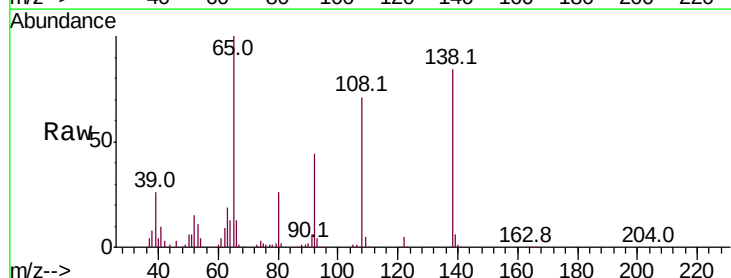
Manual Integrations
APPROVED

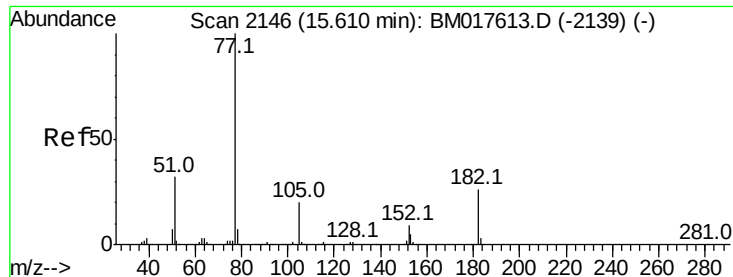
Sohil
11/13/2018 2:25:35 PM



#62
4-Nitroaniline
Concen: 36.409 ng
RT: 15.36 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	33.4	73.4
108	83.8	64.3	104.3





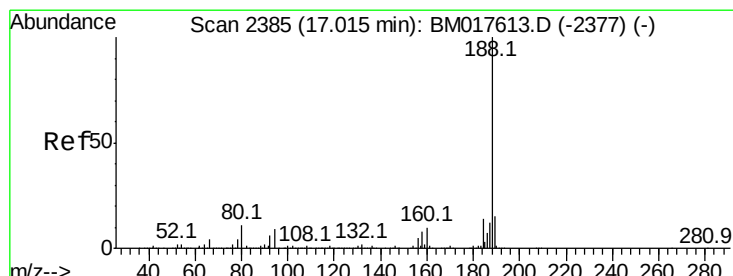
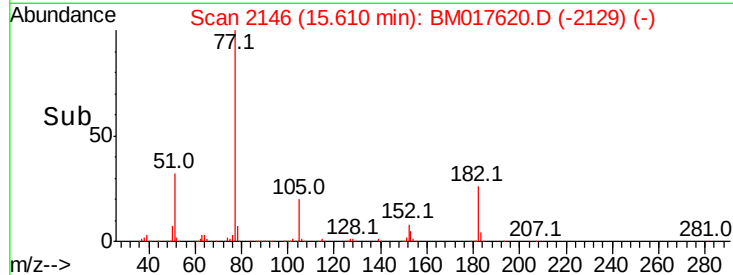
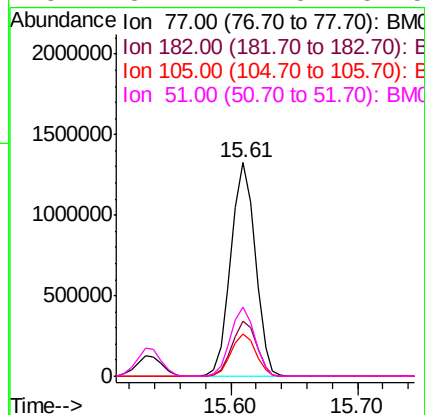
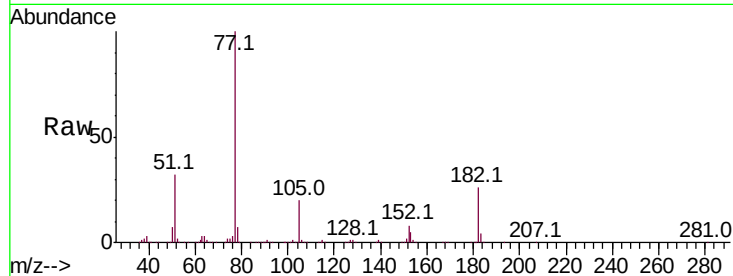
#63
Azobenzene
Concen: 37.729 ng
RT: 15.61 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	77	182	105	51
Ratio	100	25.6	19.6	32.2
Lower		5.8	0.0	12.5
Upper		45.8	40.0	52.5

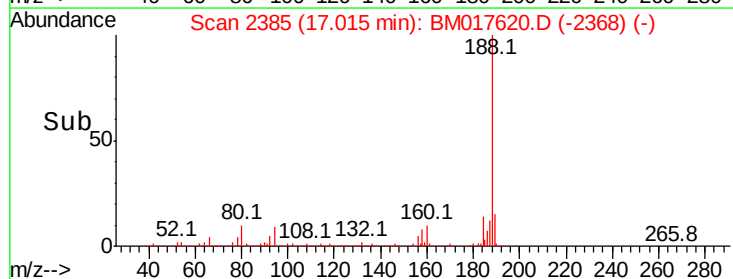
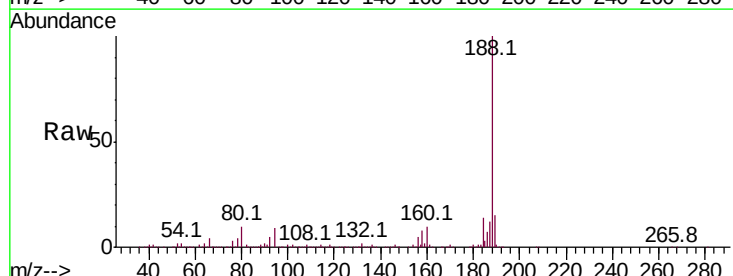
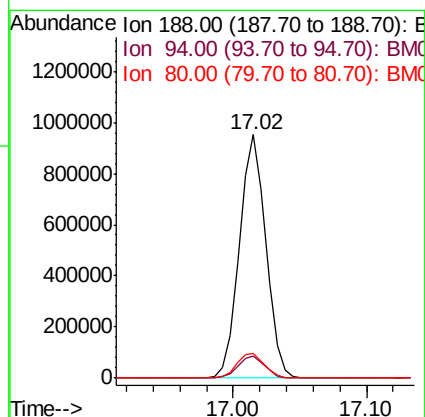
Manual Integrations
APPROVED

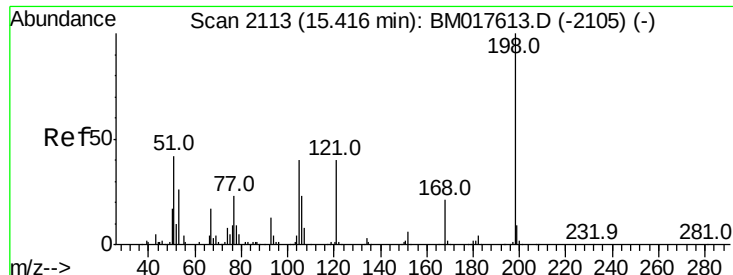
Sohil
11/13/2018 2:25:35 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	188	94	80
Ratio	100	9.0	10.0
Lower		7.5	8.6
Upper		11.3	13.0





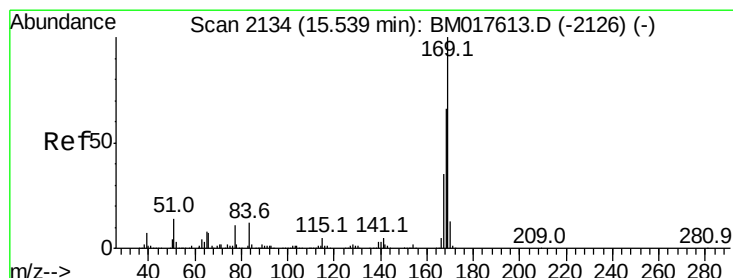
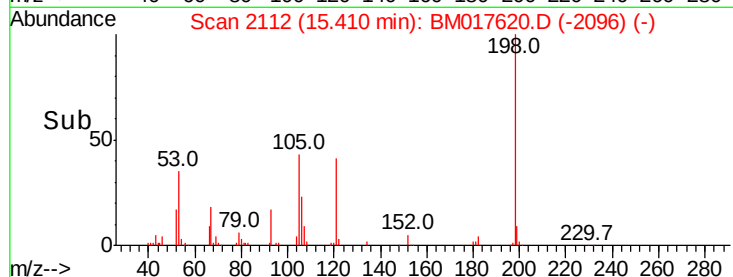
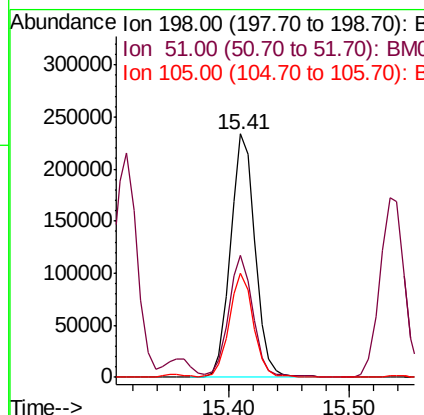
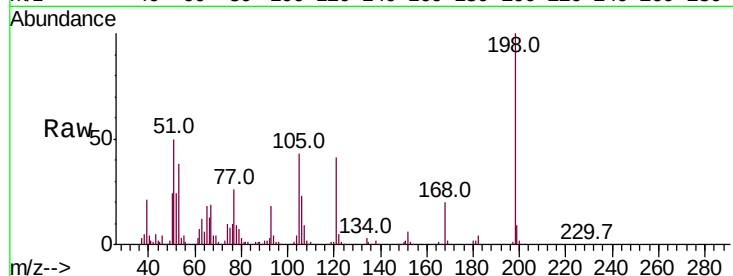
#65
4,6-Dinitro-2-methylphenol
Concen: 36.649 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	331538		
51	50.0	25.9	65.9	
105	42.7	20.6	60.6	

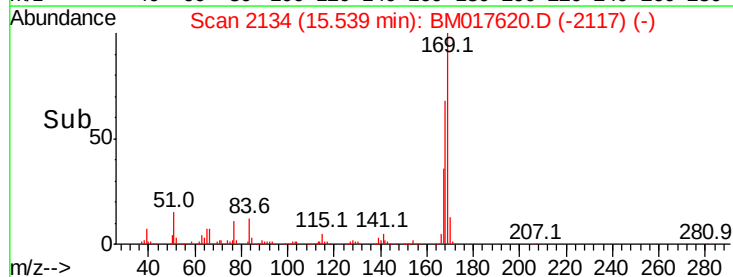
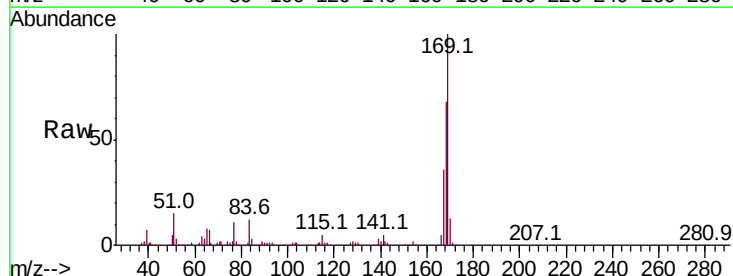
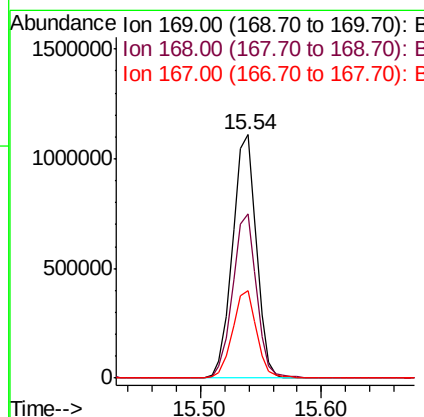
Manual Integrations
APPROVED

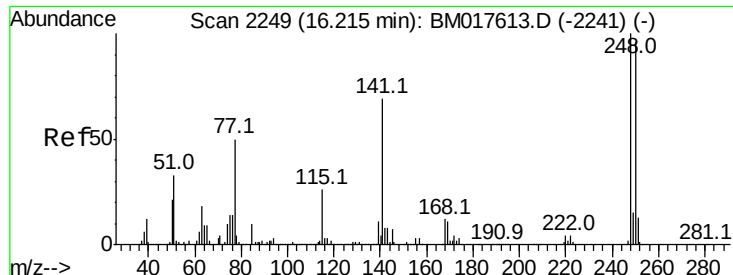
Sohil
11/13/2018 2:25:35 PM



#66
n-Nitrosodiphenylamine
Concen: 36.350 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1526166		
168	67.7	53.0	79.6	
167	35.7	28.0	42.0	





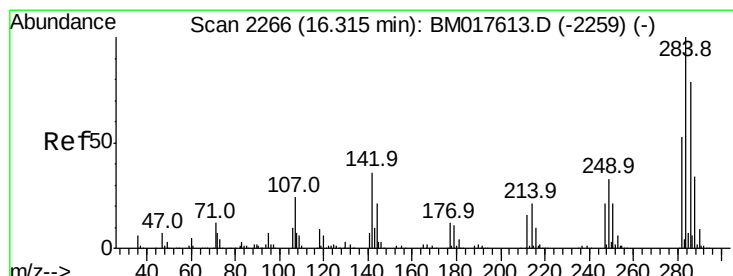
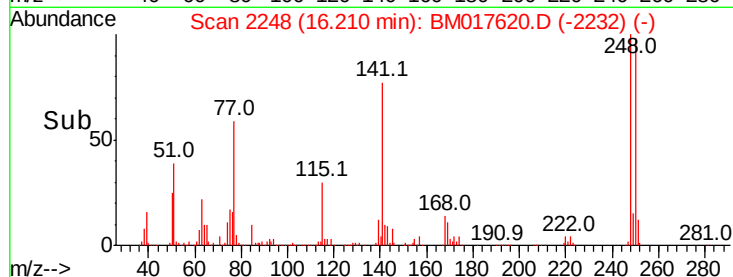
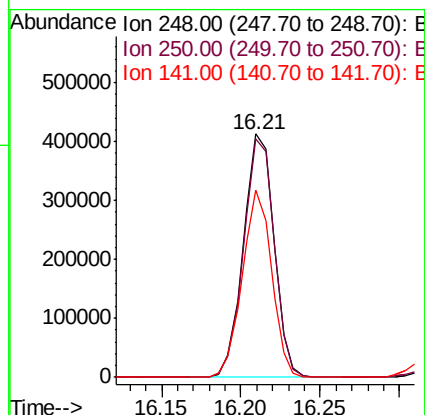
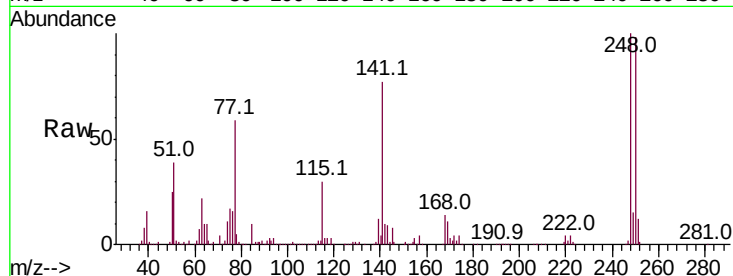
#67
4-Bromophenyl-phenylether
Concen: 35.787 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampled :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.5	114.7
141	77.1	54.9	82.3

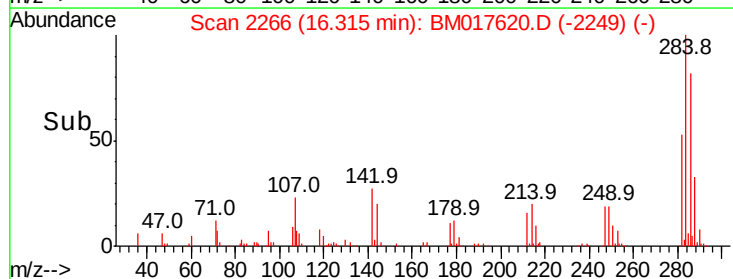
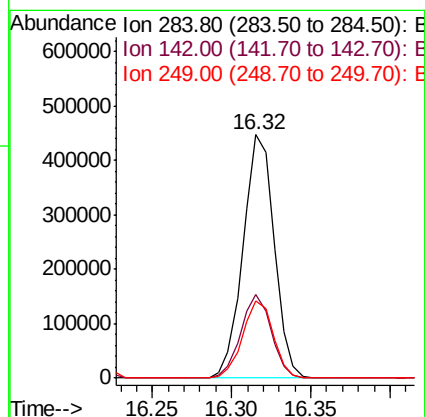
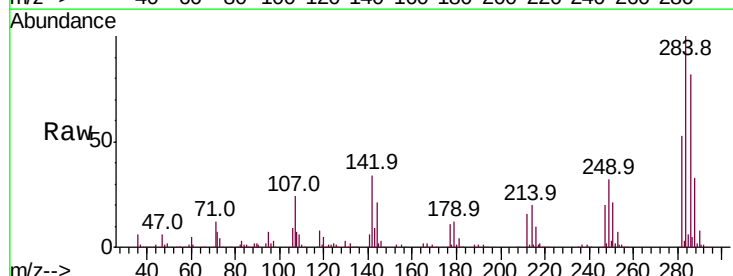
Manual Integrations
APPROVED

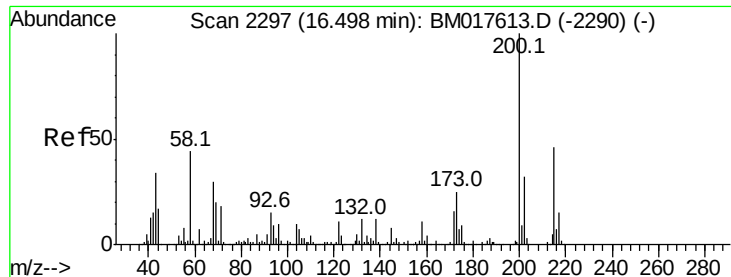
Sohil
11/13/2018 2:25:35 PM



#68
Hexachlorobenzene
Concen: 35.015 ng
RT: 16.32 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	28.4	42.6
249	31.6	26.4	39.6





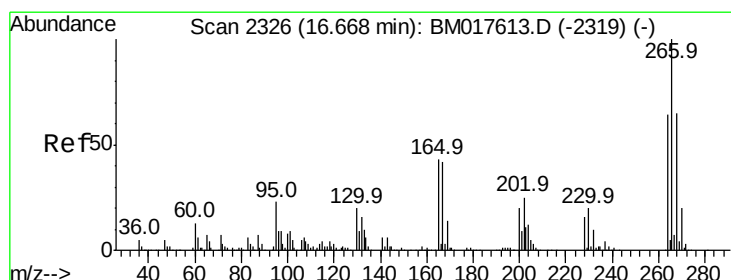
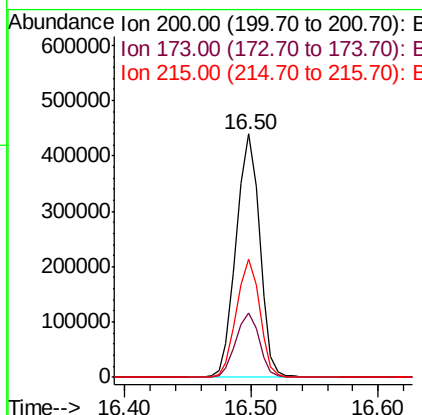
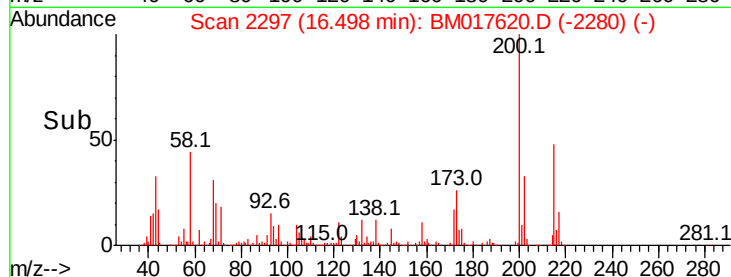
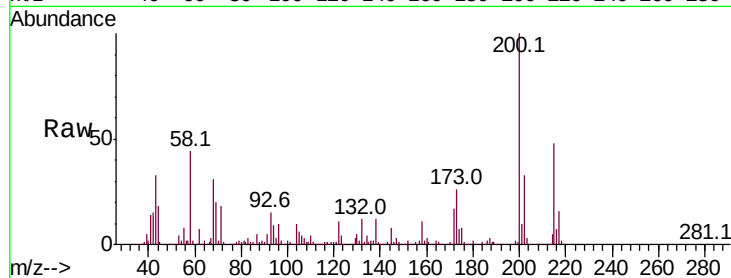
#69
 Atrazine
 Concen: 36.704 ng
 RT: 16.50 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Instrument :
 BNA_M
 ClientSampled :
 RT-3263MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.5	5.1	45.1
215	48.3	25.8	65.8

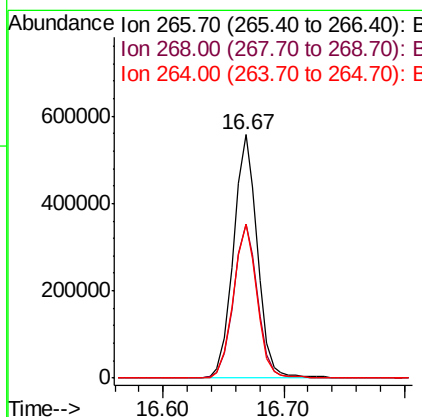
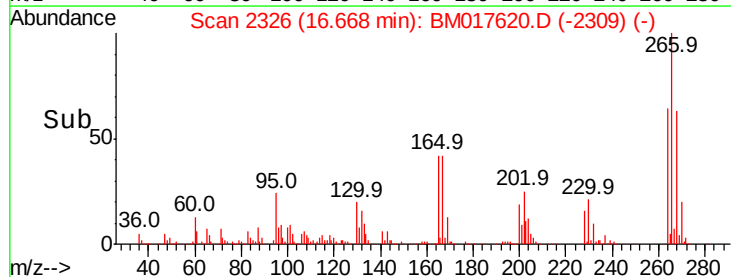
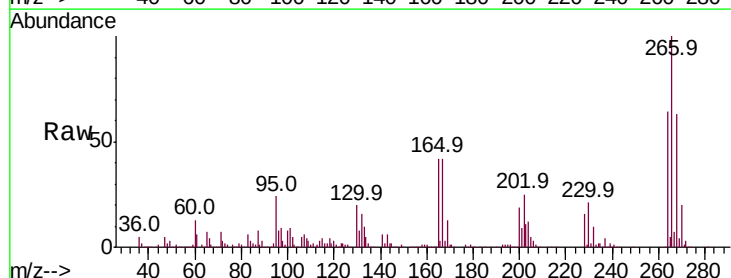
Manual Integrations
 APPROVED

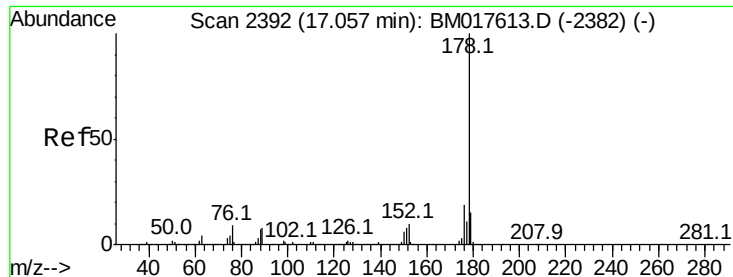
Sohil
 11/13/2018 2:25:35 PM



#70
 Pentachlorophenol
 Concen: 63.165 ng
 RT: 16.67 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	51.7	77.5
264	63.5	51.3	76.9





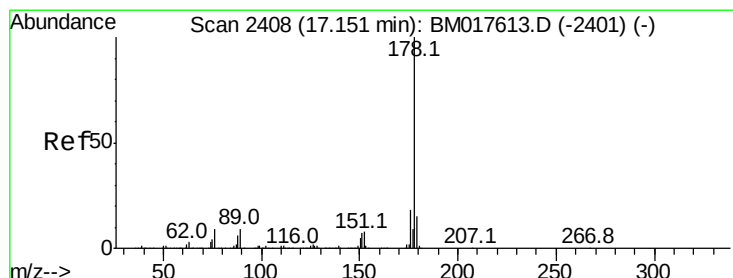
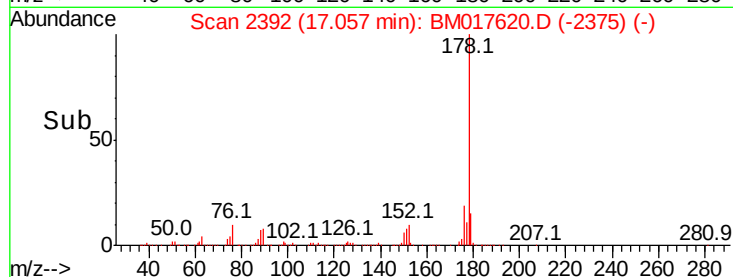
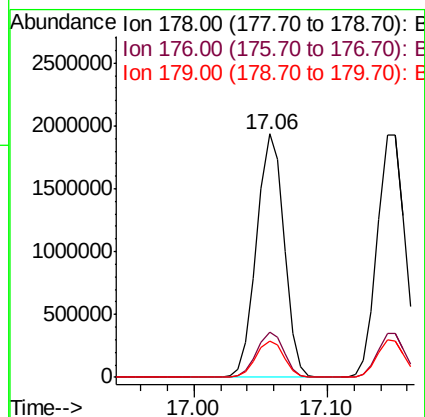
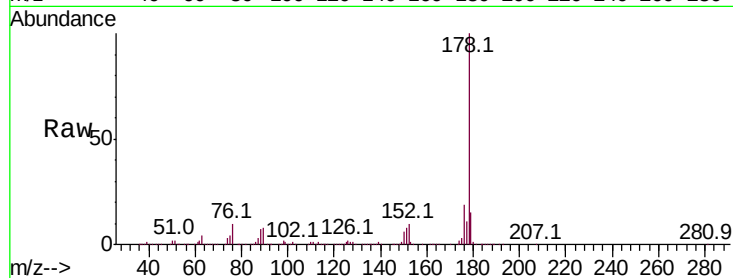
#71
Phenanthrene
Concen: 38.755 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.1	12.4	18.6

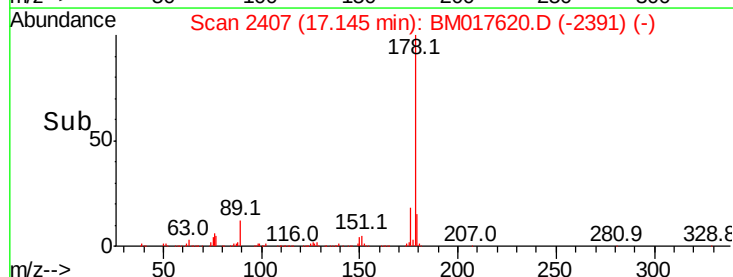
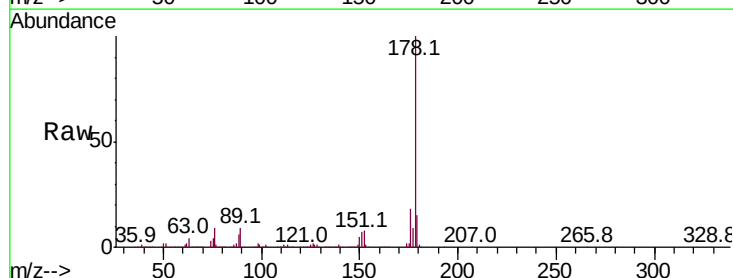
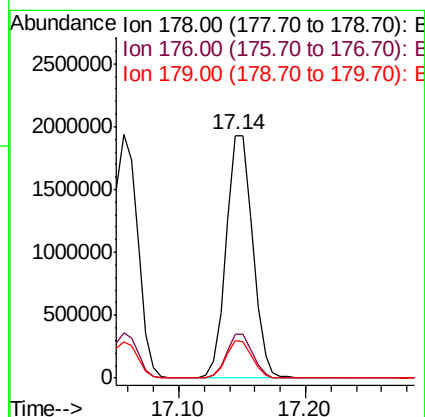
Manual Integrations
APPROVED

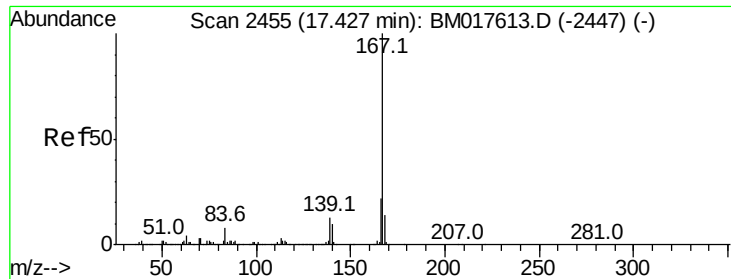
Sohil
11/13/2018 2:25:35 PM



#72
Anthracene
Concen: 40.388 ng
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	15.4	12.3	18.5





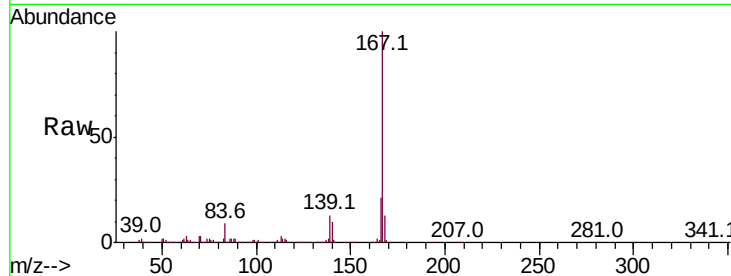
#73
 Carbazole
 Concen: 36.829 ng
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Instrument :
 BNA_M
 ClientSampled :
 RT-3263MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.8	10.2	15.4

Manual Integrations
 APPROVED

Sohil
 11/13/2018 2:25:35 PM

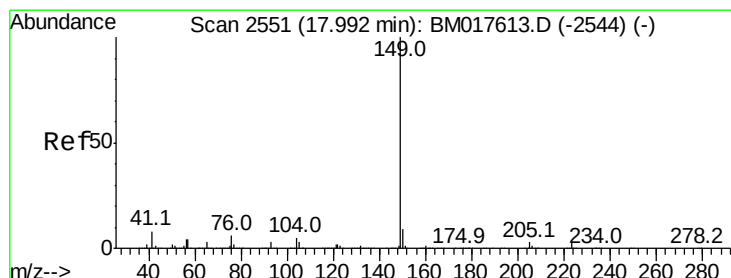
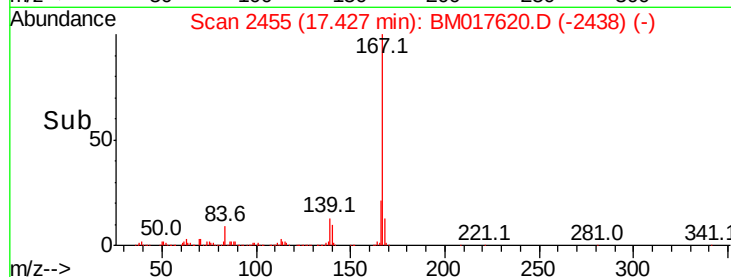
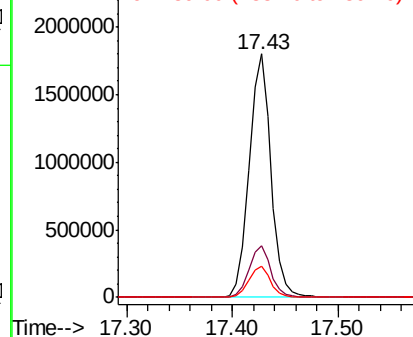


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 39.396 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

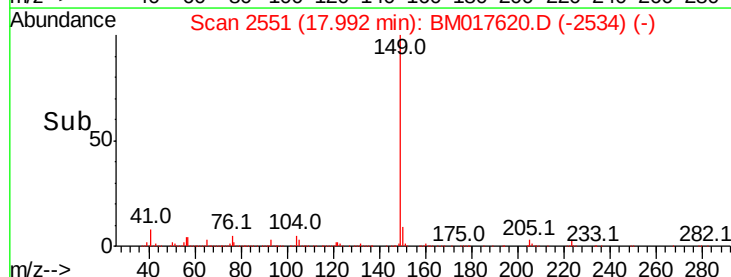
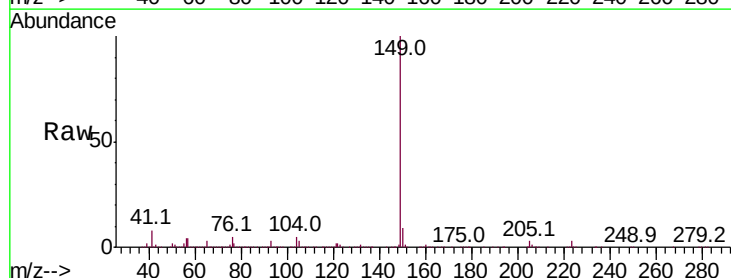
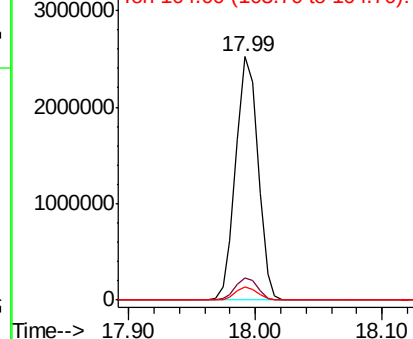
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.2	4.3	6.5

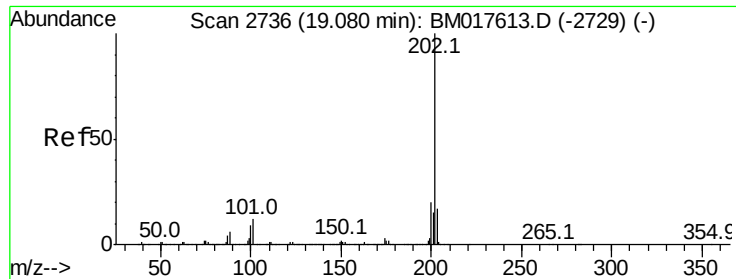
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.336 ng

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

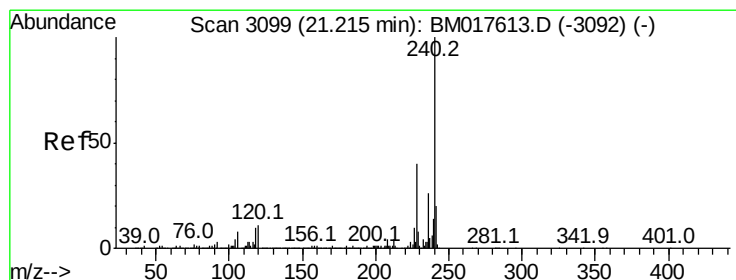
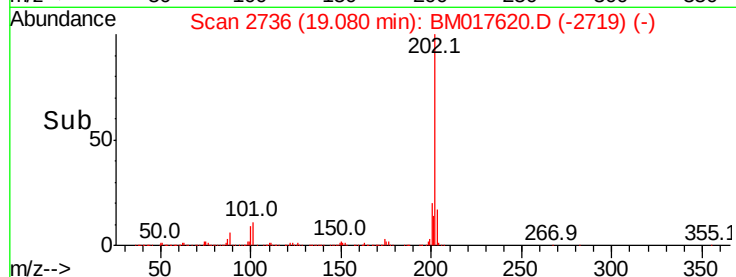
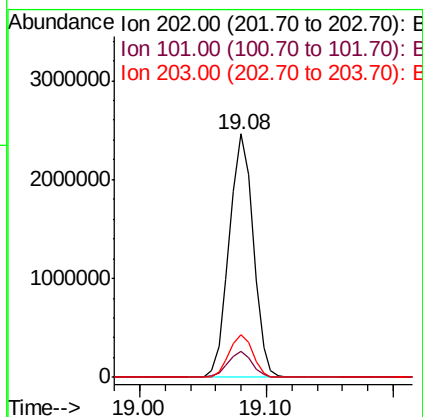
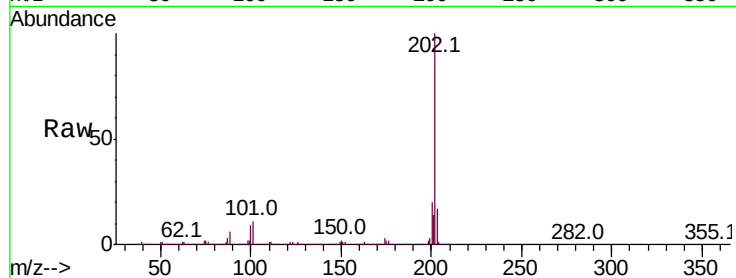
ClientSampleId :

RT-3263MS

Tot Ion:	202	Resp:	3233897
Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	31.5
203	17.3	0.0	37.2

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 PM



#76

Chrysene-d12

Concen: 20.000 ng

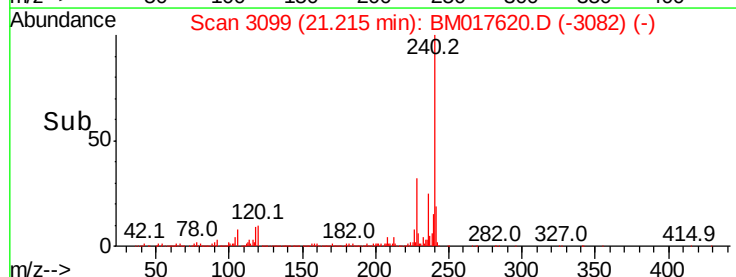
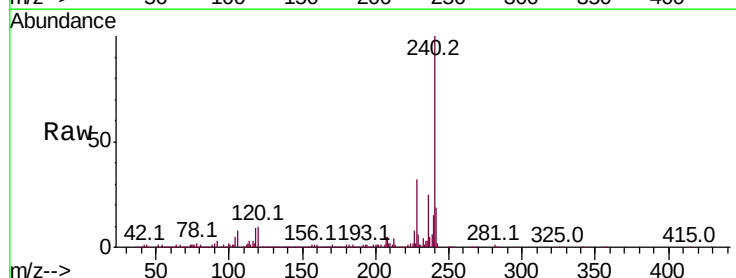
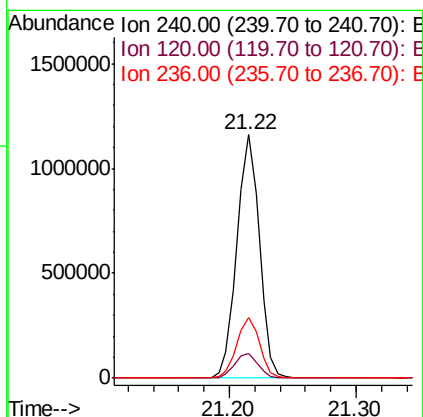
RT: 21.22 min Scan# 3099

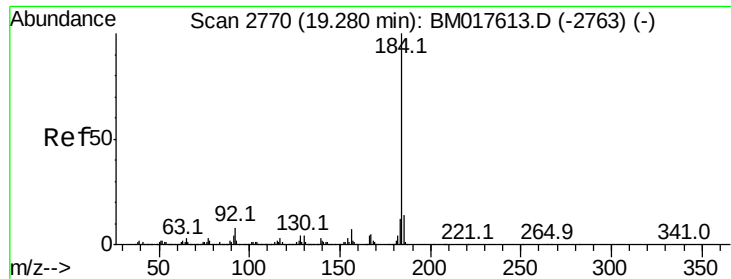
Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Tgt Ion:	240	Resp:	1417536
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.5	12.7
236	25.0	20.4	30.6





#77

Benzidine

Concen: 14.212 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

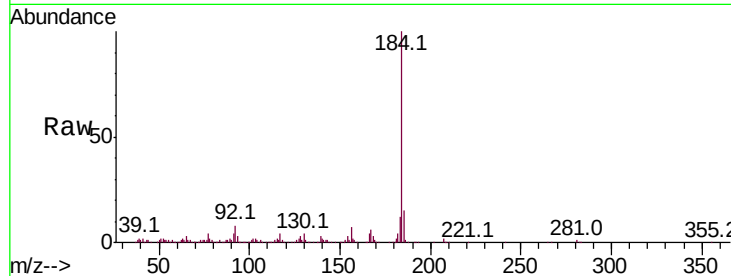
ClientSampleId :

RT-3263MS

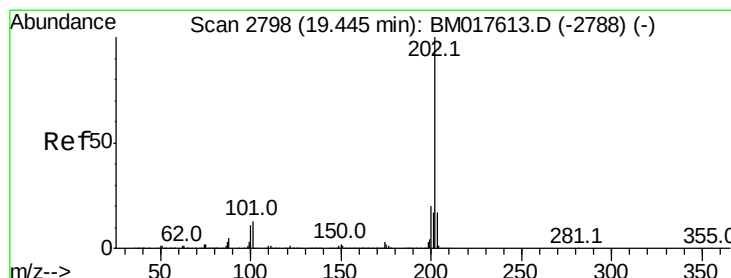
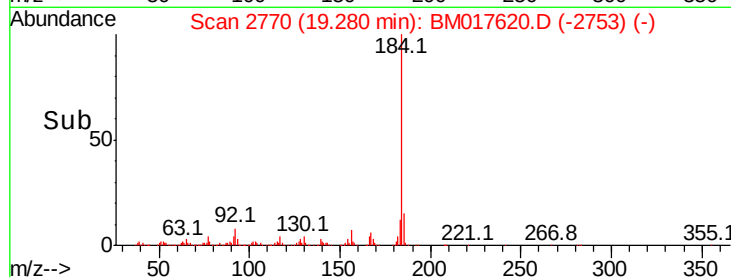
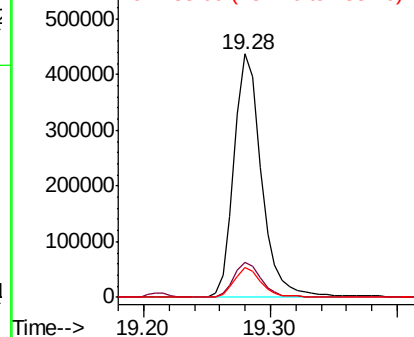
Tot Ion:	184	Resp:	656036
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.2	16.8
183	12.2	9.5	14.3

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 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: 37.445 ng

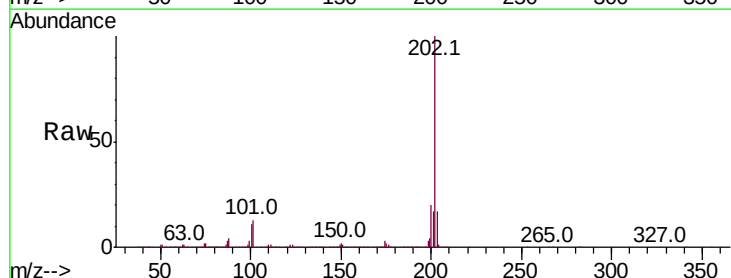
RT: 19.44 min Scan# 2798

Delta R.T. -0.00 min

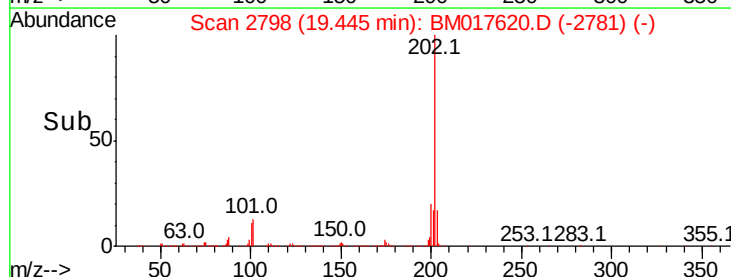
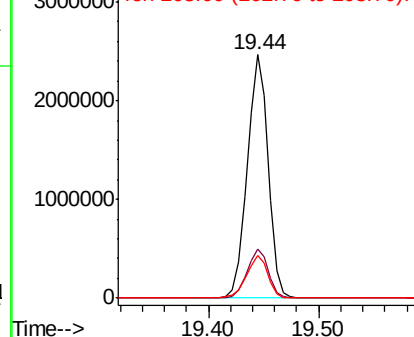
Lab File: BM017620.D

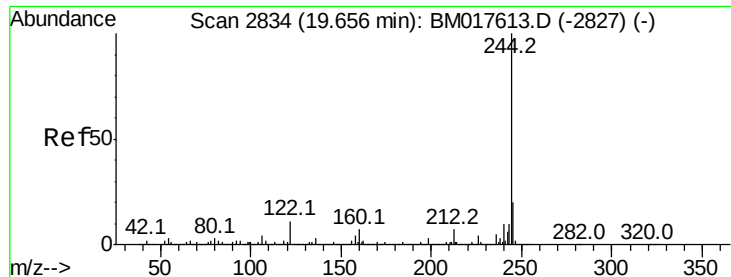
Acq: 12 Nov 2018 19:32

Tgt Ion:	202	Resp:	3275067
Ion Ratio	Lower	Upper	
202	100		
200	20.4	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





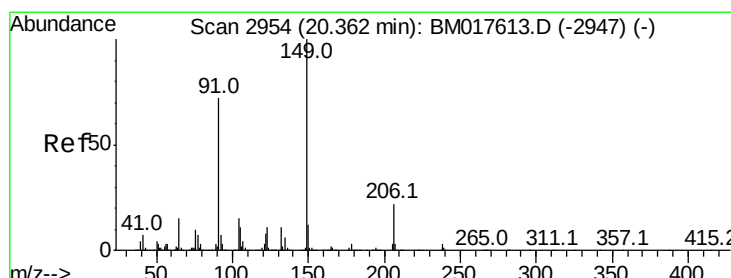
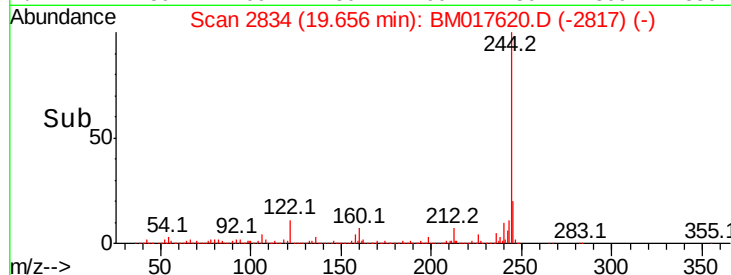
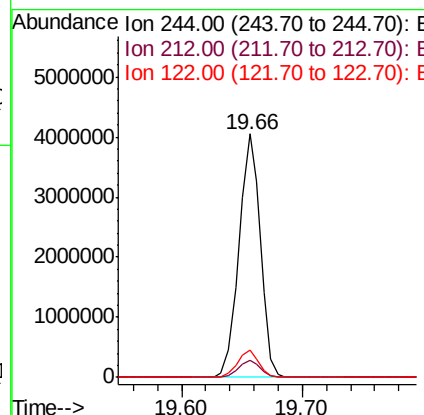
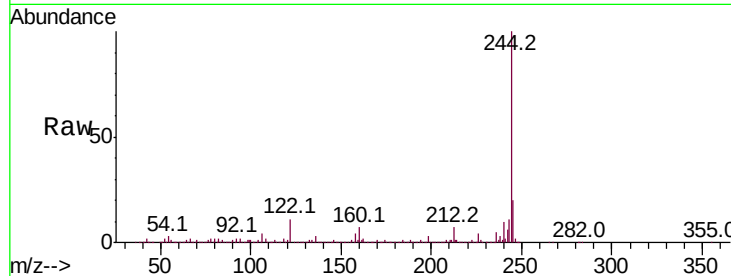
#79
 Terphenyl-d14
 Concen: 80.029 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Instrument :
 BNA_M
 ClientSampleID :
 RT-3263MS

Tot Ion:244 Resp: 5005408
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 11.0 9.0 13.6

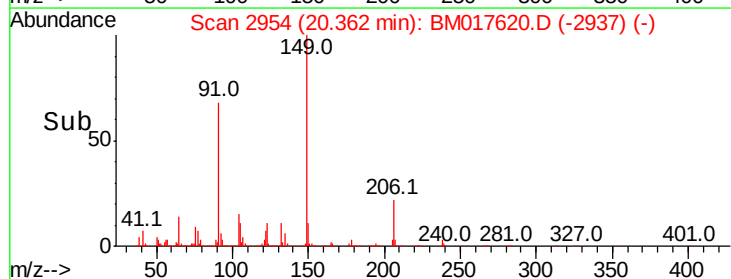
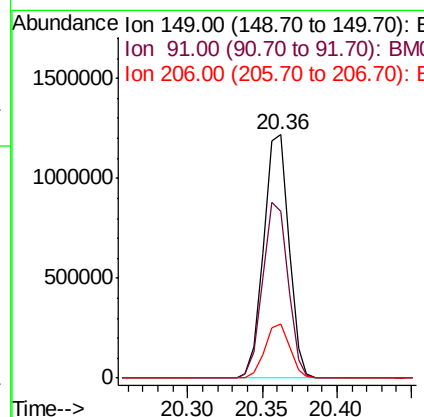
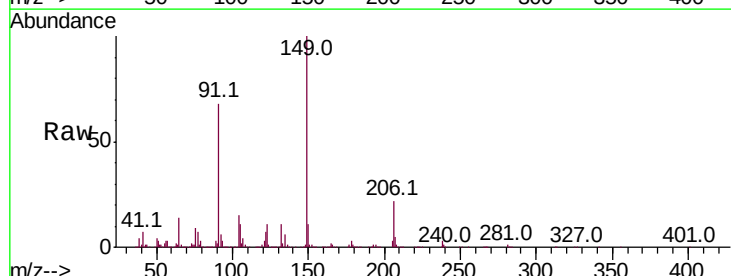
Manual Integrations
 APPROVED

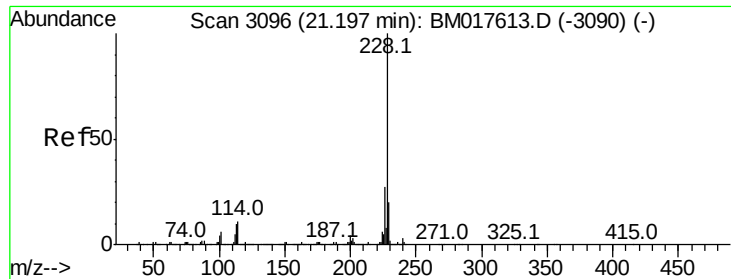
Sohil
 11/13/2018 2:25:35 PM



#80
 Butylbenzylphthalate
 Concen: 39.892 ng
 RT: 20.36 min Scan# 2954
 Delta R.T. -0.00 min
 Lab File: BM017620.D
 Acq: 12 Nov 2018 19:32

Tgt Ion:149 Resp: 1417140
 Ion Ratio Lower Upper
 149 100
 91 68.3 57.6 86.4
 206 22.4 17.4 26.0





#81

Benzo(a)anthracene

Concen: 39.610 ng

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

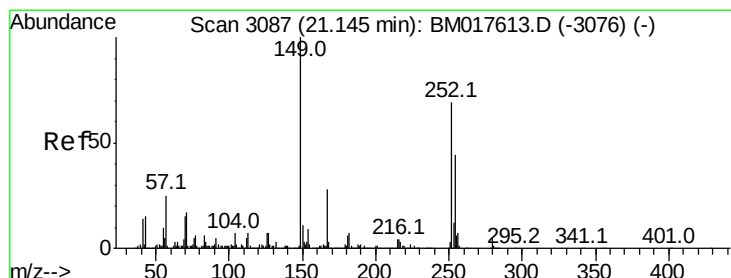
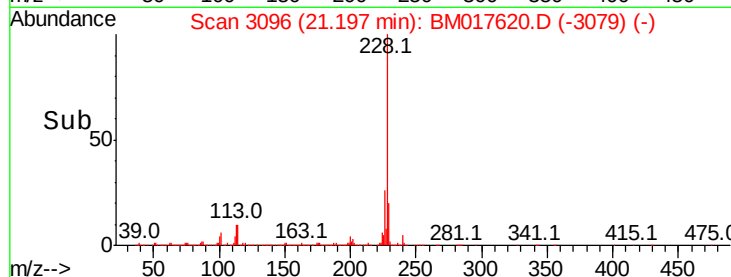
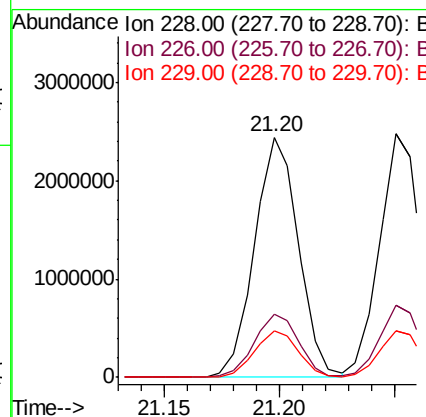
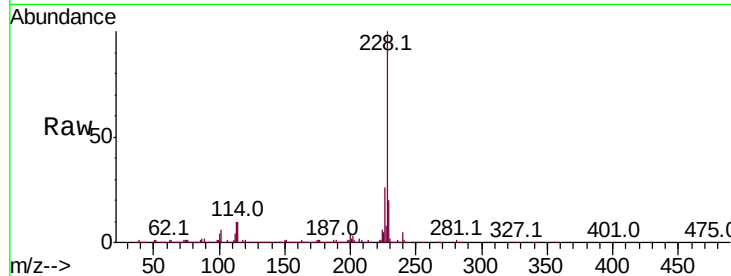
ClientSampleId :

RT-3263MS

Tot Ion:	228	Resp:	3234820
Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.3	31.9
229	19.6	16.0	24.0

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 PM



#82

3,3'-Dichlorobenzidine

Concen: 23.066 ng

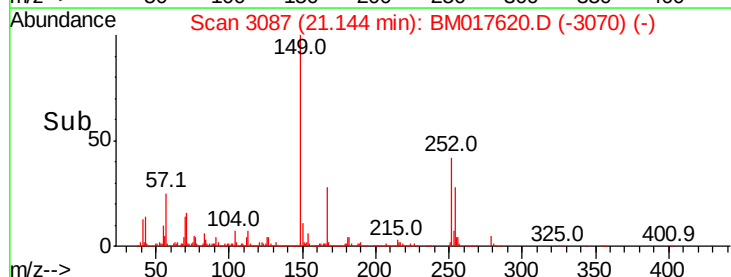
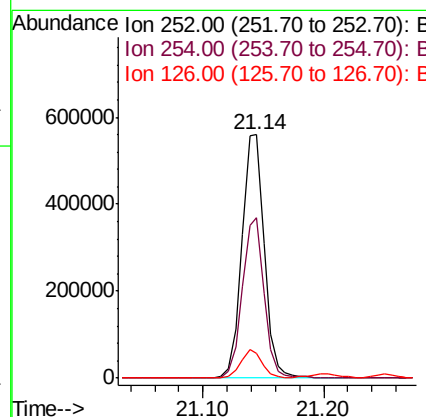
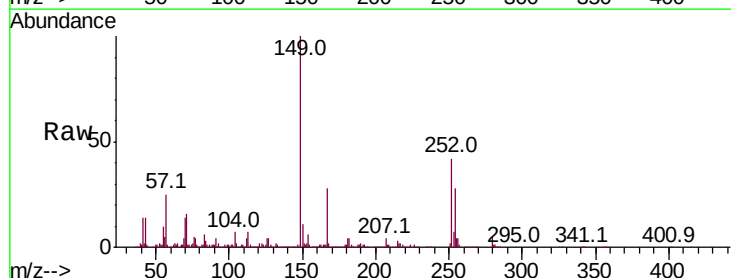
RT: 21.14 min Scan# 3087

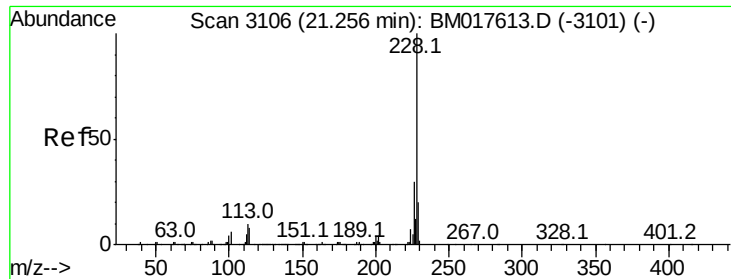
Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Tgt Ion:	252	Resp:	727018
Ion	Ratio	Lower	Upper
252	100		
254	66.1	51.4	77.2
126	10.3	8.0	12.0





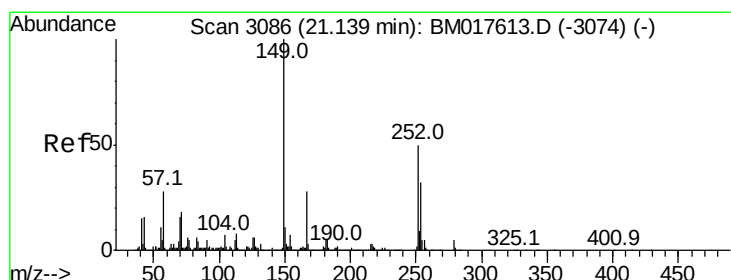
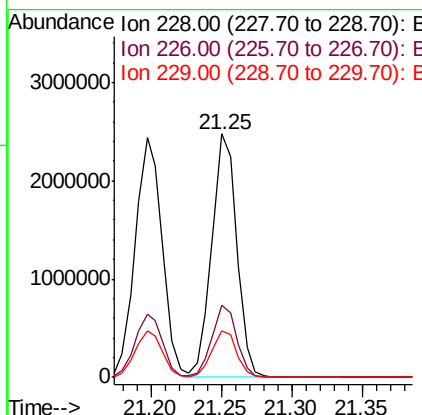
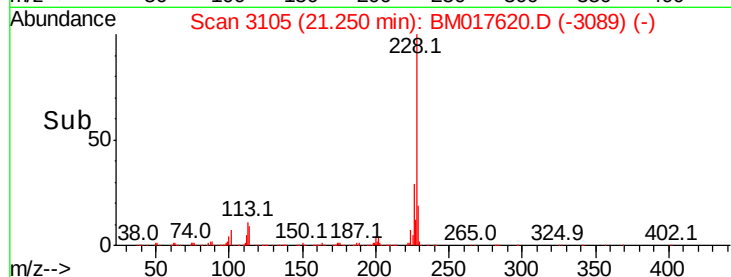
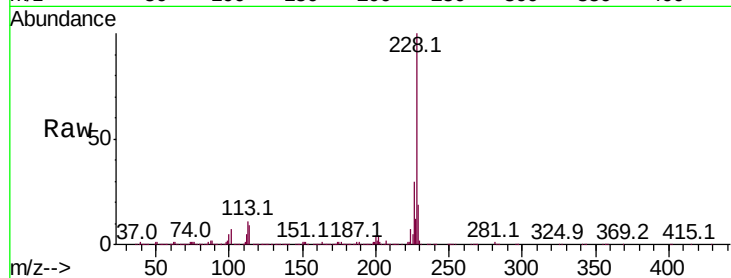
#83
Chrysene
Concen: 38.335 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.6	35.4
229	19.3	15.8	23.6

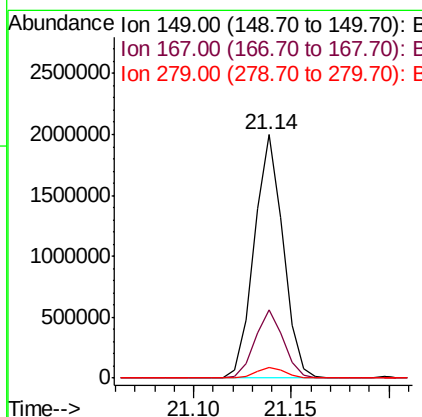
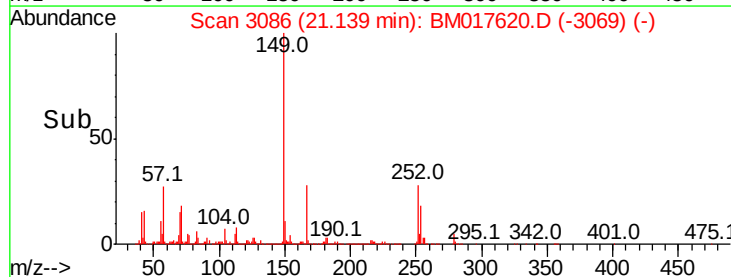
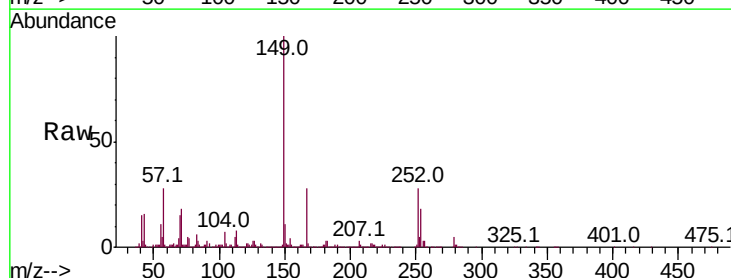
Manual Integrations
APPROVED

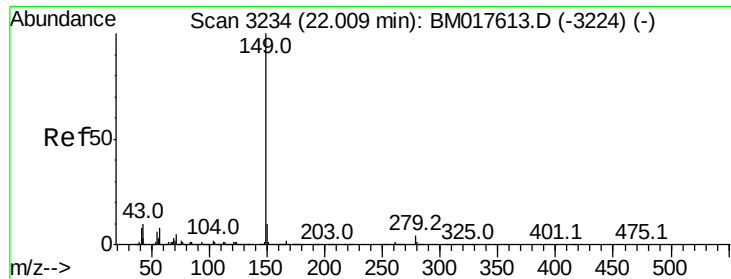
Sohil
11/13/2018 2:25:35 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.909 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	4.6	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 40.640 ng

RT: 22.01 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

Tot Ion:149 Resp: 3417511

Ion Ratio Lower Upper

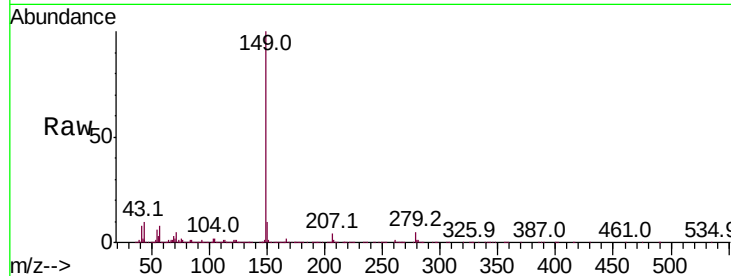
149 100

167 1.5 1.3 1.9

43 10.5 8.3 12.5

Manual Integrations
APPROVED

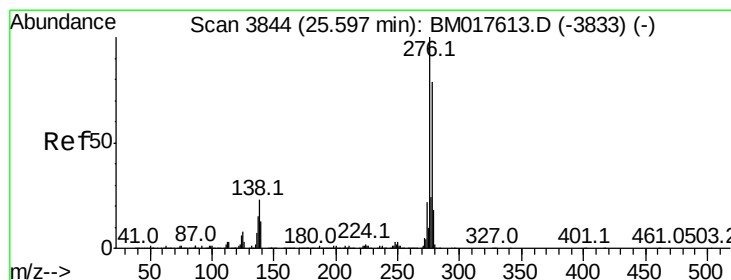
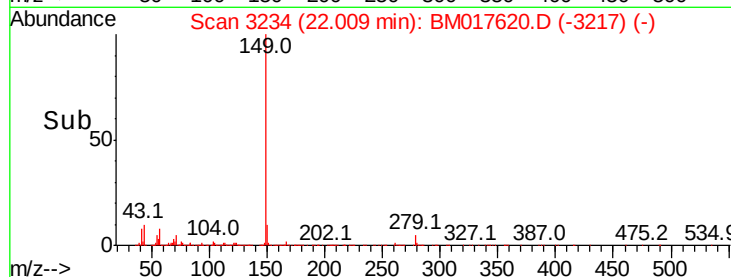
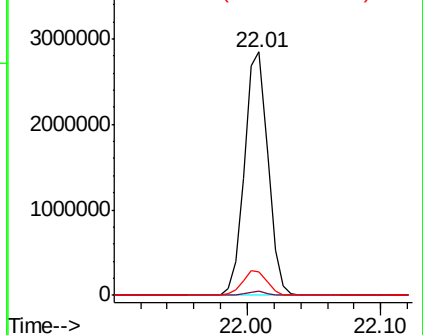
Sohil
11/13/2018 2:25:35 PM



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: 43.119 ng

RT: 25.60 min Scan# 3844

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

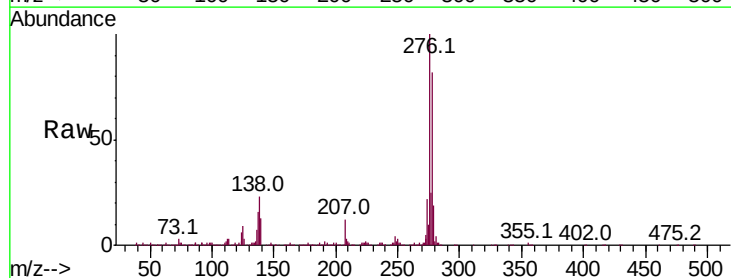
Tgt Ion:276 Resp: 2733071

Ion Ratio Lower Upper

276 100

138 23.6 19.1 28.7

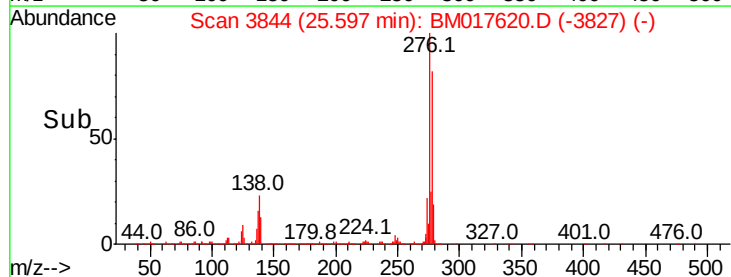
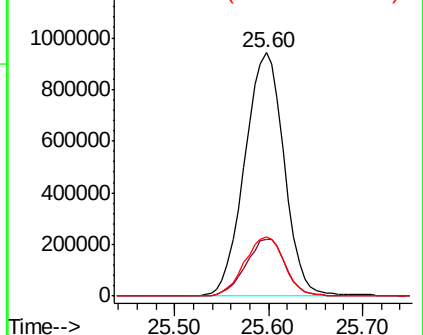
277 24.9 20.0 30.0

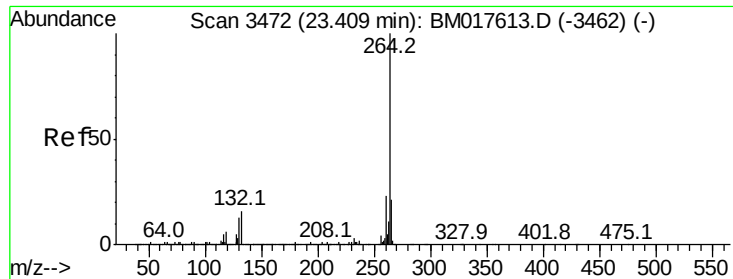


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.41 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

Instrument :

BNA_M

ClientSampleId :

RT-3263MS

Tot Ion:264 Resp: 1245075

Ion Ratio Lower Upper

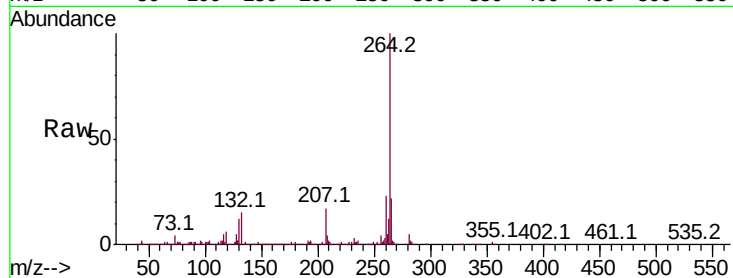
264 100

260 22.9 18.2 27.2

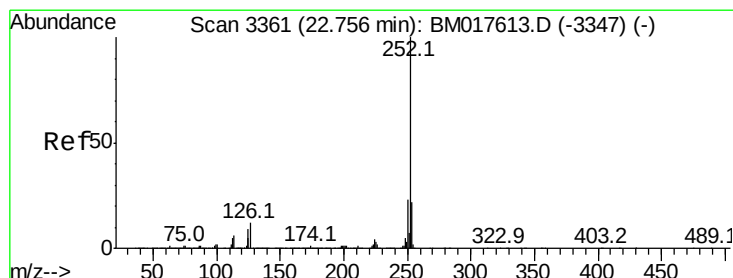
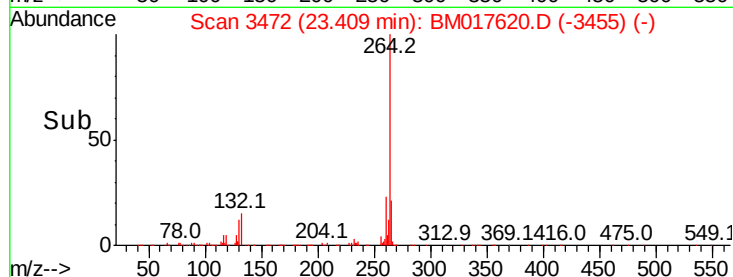
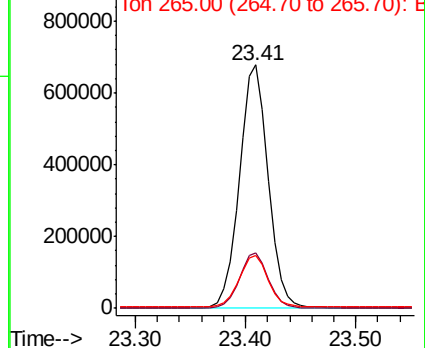
265 21.6 17.5 26.3

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 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: 40.895 ng

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BM017620.D

Acq: 12 Nov 2018 19:32

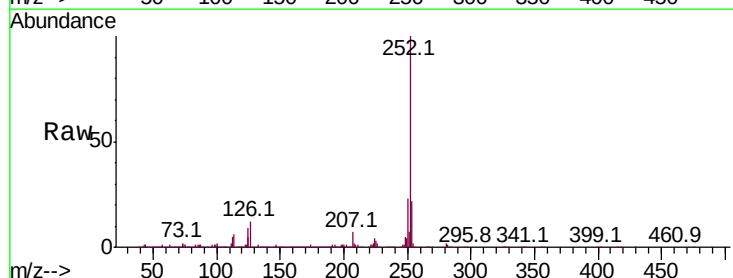
Tgt Ion:252 Resp: 2981862

Ion Ratio Lower Upper

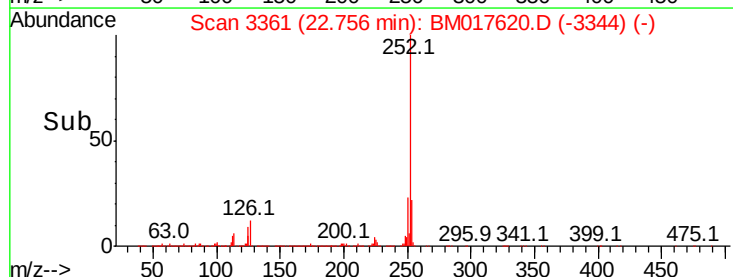
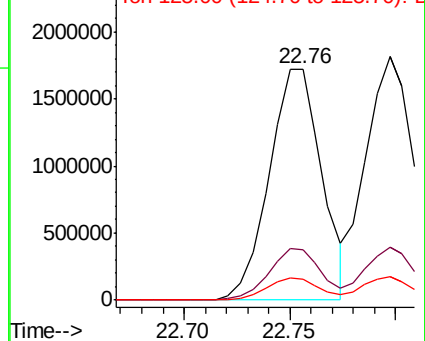
252 100

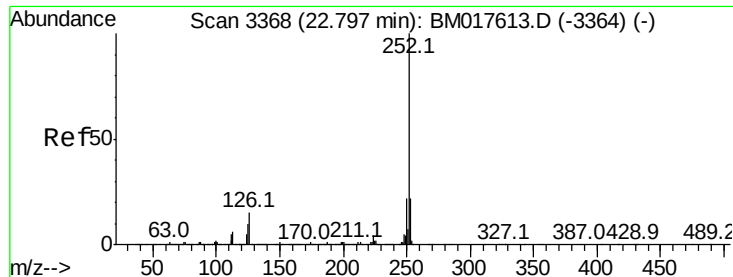
253 21.9 17.3 25.9

125 9.3 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





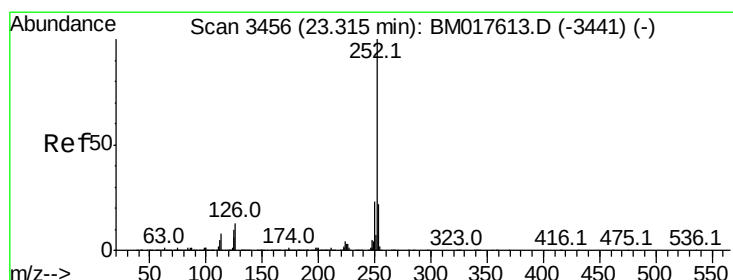
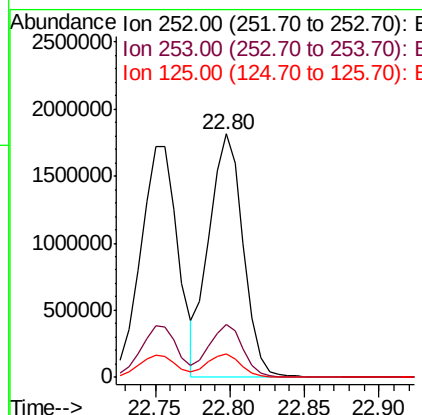
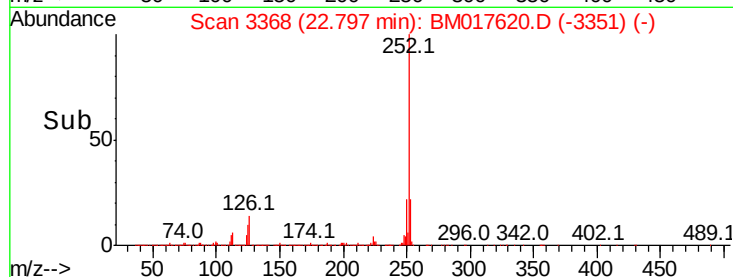
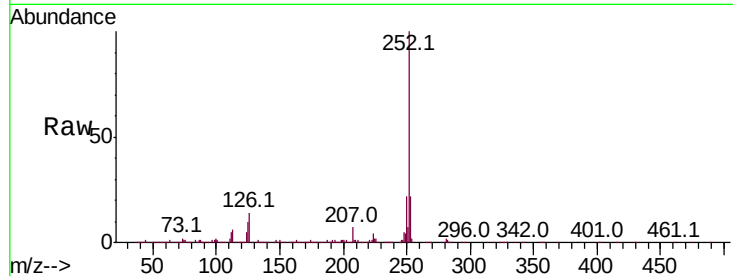
#89
Benzo(k)fluoranthene
Concen: 39.259 ng
RT: 22.80 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.7	26.5
125	9.7	7.9	11.9

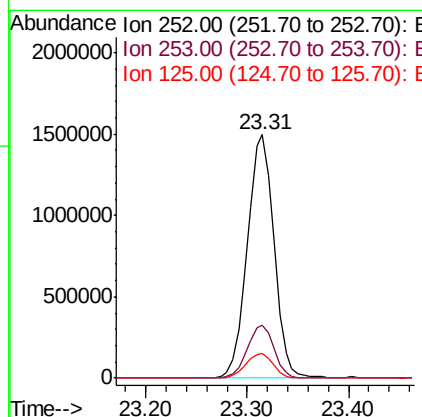
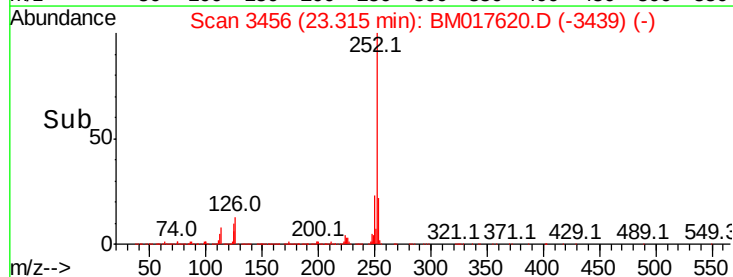
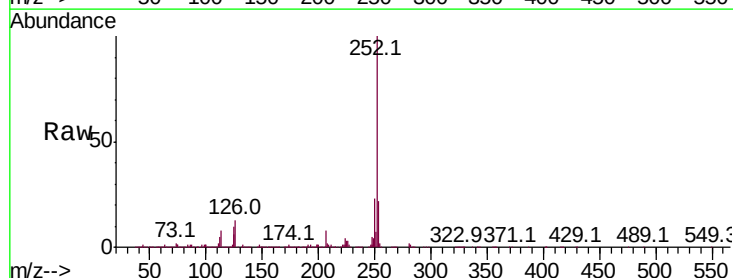
Manual Integrations
APPROVED

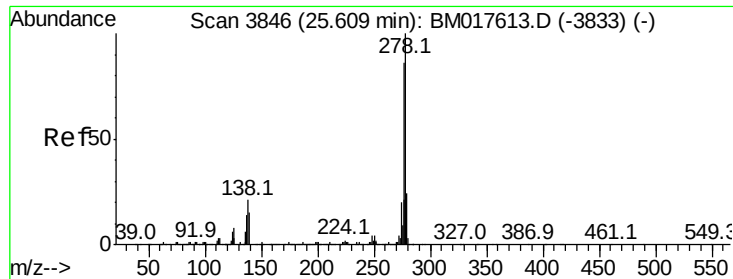
Sohil
11/13/2018 2:25:35 PM



#90
Benzo(a)pyrene
Concen: 41.106 ng
RT: 23.31 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.4	8.2	12.2





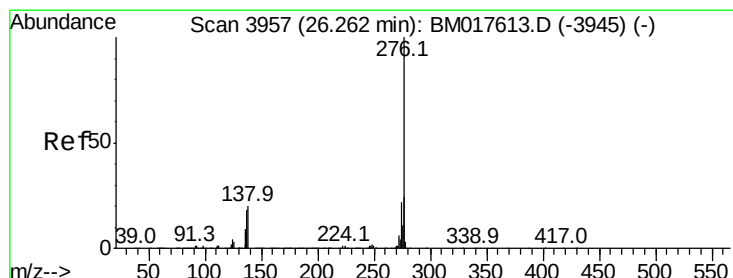
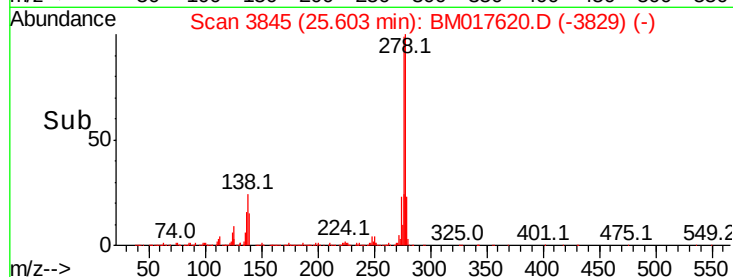
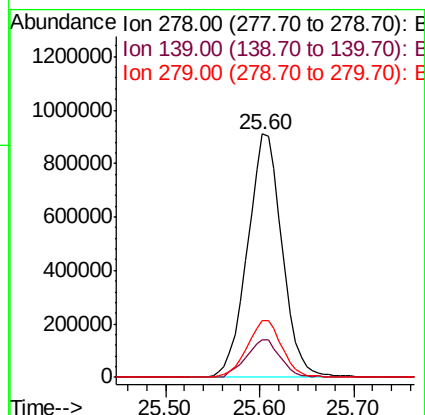
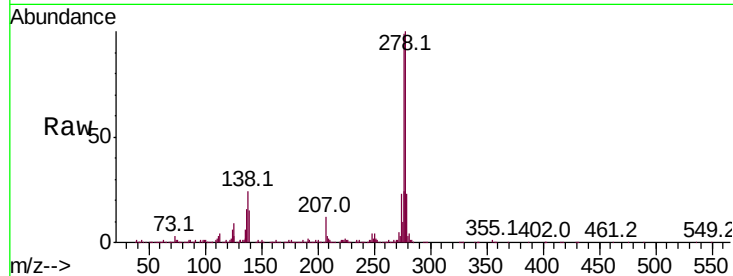
#91
Dibenzo(a,h)anthracene
Concen: 41.530 ng
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Instrument :
BNA_M
ClientSampleId :
RT-3263MS

Tot	Ion:278	Resp: 2321231	
Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.8	17.6
279	23.4	19.0	28.6

Manual Integrations
APPROVED

Sohil
11/13/2018 2:25:35 PM



#92
Benzo(g,h,i)perylene
Concen: 41.997 ng
RT: 26.26 min Scan# 3957
Delta R.T. -0.00 min
Lab File: BM017620.D
Acq: 12 Nov 2018 19:32

Tgt	Ion:276	Resp: 2207411	
Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	19.9	15.9	23.9

