

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
 Data File : BM017562.D
 Acq On : 07 Nov 2018 16:24
 Operator : MJ/SJ
 Sample : PB114586BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114586BS

Manual Integrations
 APPROVED

Sohil
 11/9/2018 1:39:12 PM

Quant Time: Nov 07 17:13:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	208207	20.00	ng	-0.02
21) Naphthalene-d8	10.39	136	964259	20.00	ng	-0.03
39) Acenaphthene-d10	14.27	164	626555	20.00	ng	-0.02
64) Phenanthrene-d10	17.02	188	1547271	20.00	ng	-0.02
76) Chrysene-d12	21.22	240	1880577	20.00	ng	-0.02
87) Perylene-d12	23.42	264	1874316	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	2184283	177.44	ng	-0.01
7) Phenol-d6	6.82	99	3002734	179.10	ng	-0.02
23) Nitrobenzene-d5	8.78	82	1458174	88.44	ng	-0.02
42) 2,4,6-Tribromophenol	15.77	330	1599141	188.73	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	3730687	79.22	ng	-0.02
79) Terphenyl-d14	19.66	244	6702968	80.34	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	201813	32.105	ng	# 84
3) Pyridine	3.62	79	570952	39.475	ng	# 79
4) n-Nitrosodimethylamine	3.53	42	300535	51.759	ng	# 62
6) Aniline	6.97	93	844763	40.283	ng	97
8) 2-Chlorophenol	7.20	128	675795	47.453	ng	95
9) Benzaldehyde	6.78	77	426261	39.874	ng	93
10) Phenol	6.84	94	853161	47.282	ng	94
11) bis(2-Chloroethyl)ether	7.07	93	586423	40.769	ng	96
12) 1,3-Dichlorobenzene	7.51	146	675212	40.671	ng	96
13) 1,4-Dichlorobenzene	7.66	146	691812	40.787	ng	97
14) 1,2-Dichlorobenzene	7.97	146	669936	40.994	ng	99
15) Benzyl Alcohol	7.87	79	621986	50.754	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.16	45	887851	44.181	ng	97
17) 2-Methylphenol	8.07	107	587921	50.763	ng	96
18) Hexachloroethane	8.68	117	250906	43.225	ng	96
19) n-Nitroso-di-n-propylamine	8.43	70	519712	47.077	ng	95
20) 3+4-Methylphenols	8.40	107	804405	50.781	ng	98
22) Acetophenone	8.45	105	991008	40.544	ng	# 95
24) Nitrobenzene	8.82	77	755137	43.300	ng	93
25) Isophorone	9.35	82	1393526	51.186	ng	98
26) 2-Nitrophenol	9.52	139	366067	45.225	ng	94
27) 2,4-Dimethylphenol	9.59	122	666036	55.326	ng	97
28) bis(2-Chloroethoxy)methane	9.83	93	876281	45.730	ng	100
29) 2,4-Dichlorophenol	10.05	162	700140	50.091	ng	98
30) 1,2,4-Trichlorobenzene	10.26	180	672736	40.122	ng	100
31) Naphthalene	10.45	128	2083865	44.099	ng	100
32) Benzoic acid	9.76	122	450918	50.201	ng	92
33) 4-Chloroaniline	10.57	127	519842	25.472	ng	96
34) Hexachlorobutadiene	10.72	225	404895	38.111	ng	100
35) Caprolactam	11.43	113	233795m	45.897	ng	
36) 4-Chloro-3-methylphenol	11.70	107	804260	51.047	ng	95
37) 2-Methylnaphthalene	12.06	142	1618645	50.057	ng	98
38) 1-Methylnaphthalene	12.29	142	1552386	49.325	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	843973	38.249	ng	# 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110818\
 Data File : BM017562.D
 Acq On : 07 Nov 2018 16:24
 Operator : MJ/SJ
 Sample : PB114586BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 PB114586BS

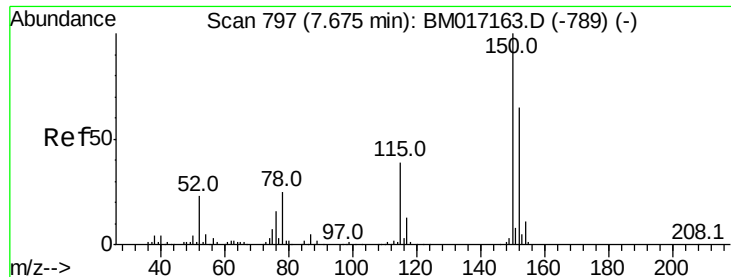
Manual Integrations
 APPROVED

Sohil
 11/9/2018 1:39:12 PM

Quant Time: Nov 07 17:13:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.41	237	1108134	103.884	ng	99
43) 2,4,6-Trichlorophenol	12.69	196	602671	47.051	ng	99
44) 2,4,5-Trichlorophenol	12.76	196	658253	47.924	ng	96
46) 1,1'-Biphenyl	13.09	154	2147579	38.089	ng	99
47) 2-Chloronaphthalene	13.13	162	1651408	39.813	ng	99
48) 2-Nitroaniline	13.36	65	552243	47.229	ng	99
49) Acenaphthylene	13.99	152	2813050	46.787	ng	100
50) Dimethylphthalate	13.74	163	2257942	46.710	ng	99
51) 2,6-Dinitrotoluene	13.86	165	504509	47.420	ng	90
52) Acenaphthene	14.33	154	1627147	43.102	ng	98
53) 3-Nitroaniline	14.19	138	376248	32.653	ng	88
54) 2,4-Dinitrophenol	14.40	184	647872	101.353	ng	98
55) Dibenzofuran	14.67	168	2674775	42.607	ng	98
56) 4-Nitrophenol	14.52	139	1258007	117.444	ng	91
57) 2,4-Dinitrotoluene	14.66	165	733643	51.305	ng	92
58) Fluorene	15.32	166	2247446	48.367	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.90	232	646823	51.662	ng	96
60) Diethylphthalate	15.11	149	2400670	50.078	ng	99
61) 4-Chlorophenyl-phenylether	15.32	204	1136762	42.912	ng	97
62) 4-Nitroaniline	15.37	138	527073	41.682	ng	96
63) Azobenzene	15.62	77	2294372	49.240	ng	95
65) 4,6-Dinitro-2-methylphenol	15.42	198	442413	45.034	ng	96
66) n-Nitrosodiphenylamine	15.54	169	2015604	43.057	ng	99
67) 4-Bromophenyl-phenylether	16.22	248	746306	43.928	ng	95
68) Hexachlorobenzene	16.32	284	817304	41.415	ng	98
69) Atrazine	16.50	200	796742	47.554	ng	99
70) Pentachlorophenol	16.67	266	1073229	79.388	ng	100
71) Phenanthrene	17.06	178	3710102	44.443	ng	100
72) Anthracene	17.16	178	3787233	47.745	ng	100
73) Carbazole	17.43	167	3516640	43.401	ng	100
74) Di-n-butylphthalate	18.00	149	4397386	51.455	ng	99
75) Fluoranthene	19.09	202	4542195	48.353	ng	98
77) Benzidine	19.29	184	3285460	68.899	ng	99
78) Pyrene	19.45	202	4623978	43.993	ng	99
80) Butylbenzylphthalate	20.37	149	2141403	52.712	ng	94
81) Benzo(a)anthracene	21.20	228	4867611	45.996	ng	99
82) 3,3'-Dichlorobenzidine	21.14	252	1239639	31.429	ng	99
83) Chrysene	21.26	228	4550760	43.445	ng	98
84) Bis(2-ethylhexyl)phthalate	21.14	149	3210027	51.963	ng	100
85) Di-n-octyl phthalate	22.02	149	5531875	52.738	ng	97
86) Indeno(1,2,3-cd)pyrene	25.61	276	5198294	44.369	ng	100
88) Benzo(b)fluoranthene	22.76	252	5008252	48.873	ng	99
89) Benzo(k)fluoranthene	22.81	252	4645060	45.174	ng	99
90) Benzo(a)pyrene	23.33	252	4673895	48.037	ng	100
91) Dibenzo(a,h)anthracene	25.63	278	4425898	45.811	ng	99
92) Benzo(g,h,i)perylene	26.29	276	4276132	44.657	ng	99

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



#1

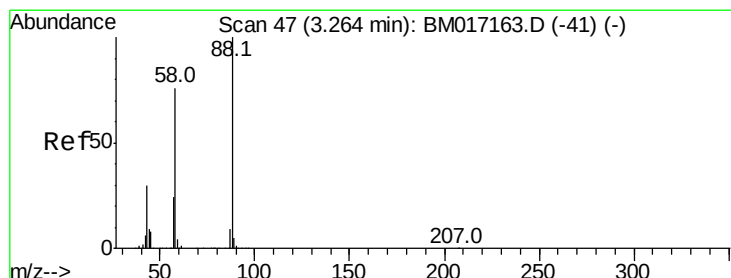
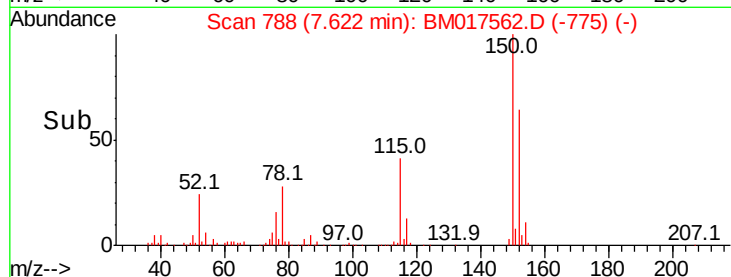
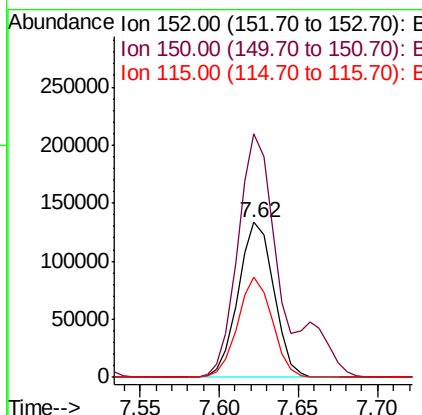
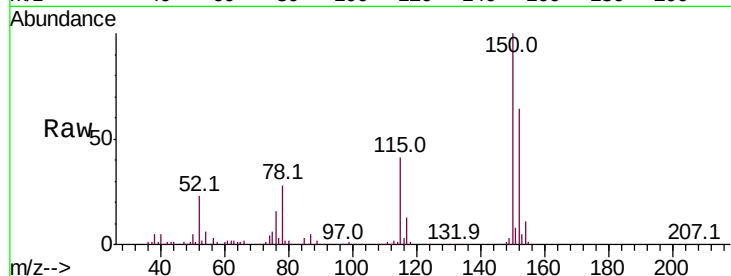
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampled :
PB114586BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.3	186.5
115	64.5	48.1	72.1

Manual Integrations
APPROVED

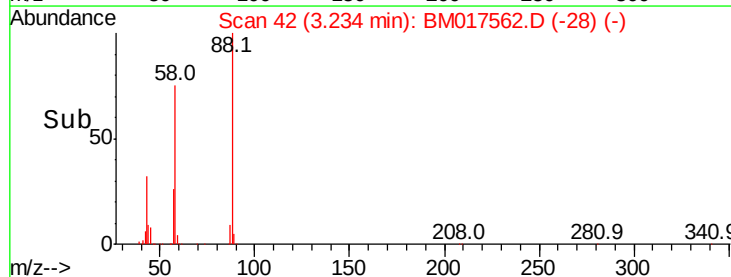
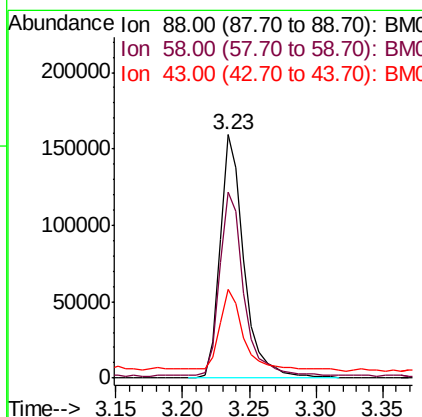
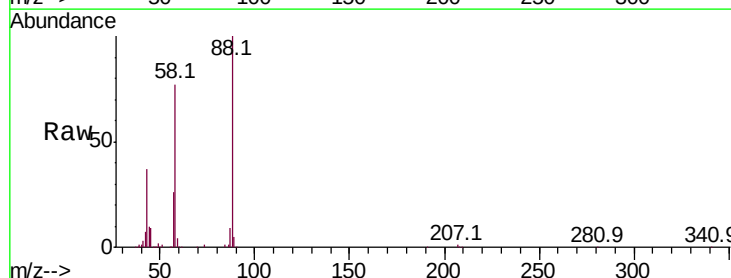
Sohil
11/9/2018 1:39:12 PM

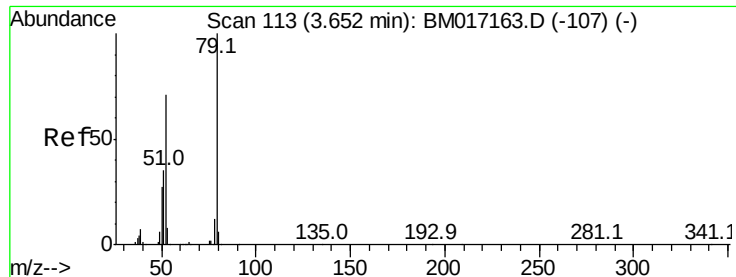


#2

1,4-Dioxane
Concen: 32.105 ng
RT: 3.23 min Scan# 42
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.5	50.2	75.4#
43	31.1	19.3	28.9#





#3

Pvridine

Concen: 39.475 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

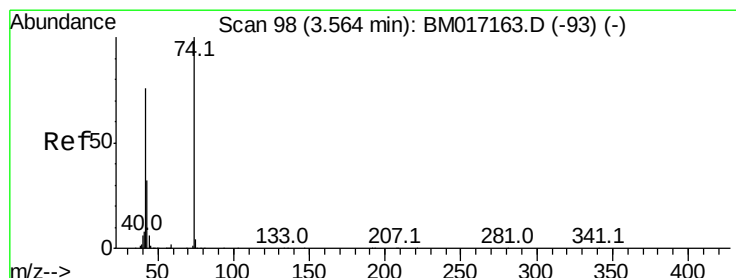
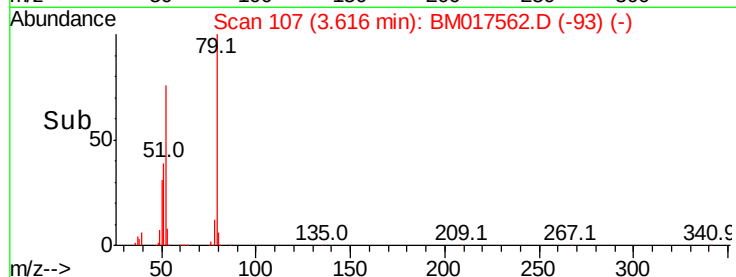
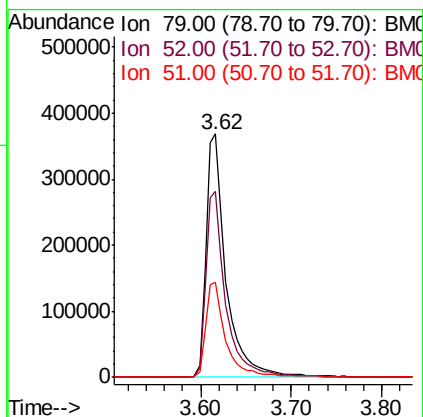
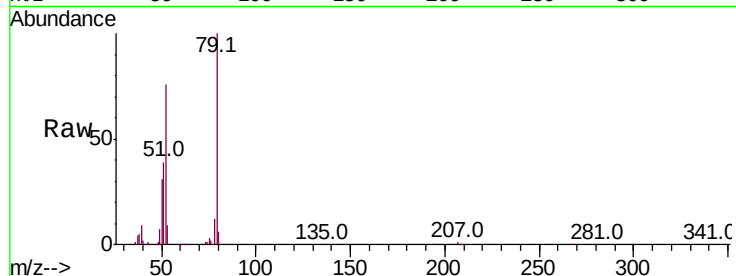
ClientSampleId :

PB114586BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.2	46.5	69.7#
51	39.0	24.6	37.0#

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM



#4

n-Nitrosodimethylamine

Concen: 51.759 ng

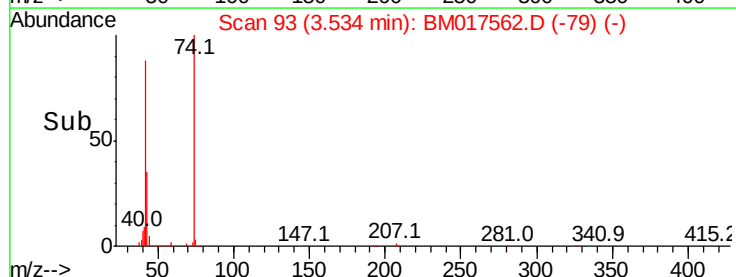
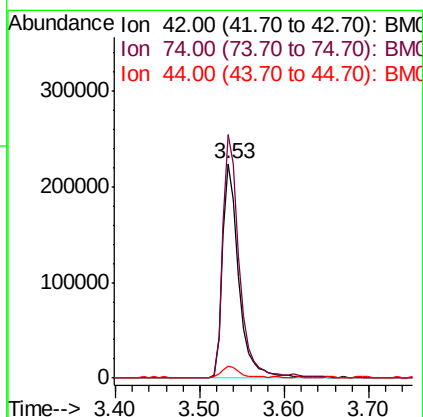
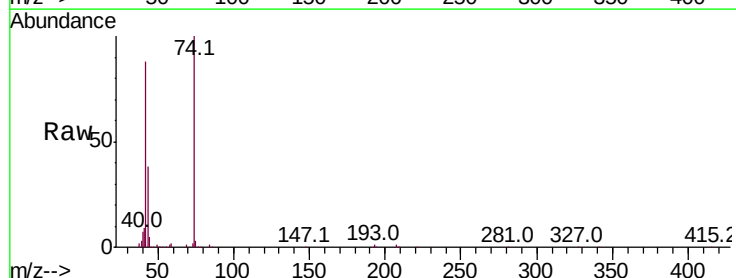
RT: 3.53 min Scan# 93

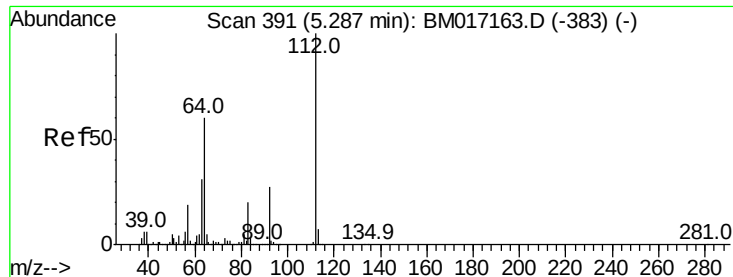
Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.6	114.4	171.6#
44	5.8	48.6	73.0#





#5

2-Fluorophenol

Concen: 177.437 ng

RT: 5.25 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

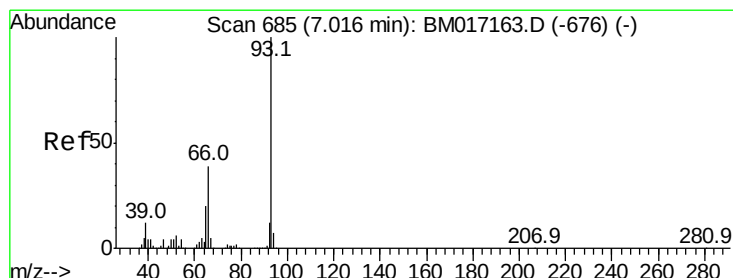
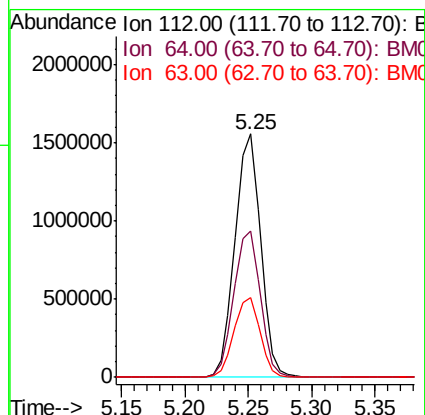
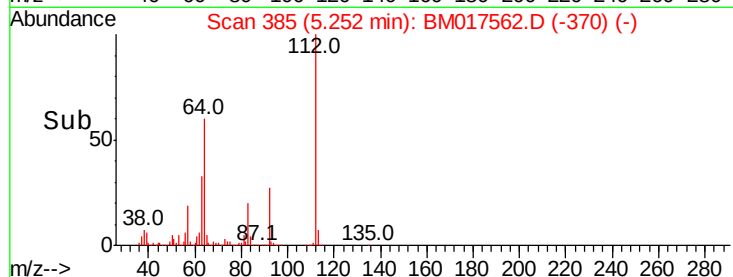
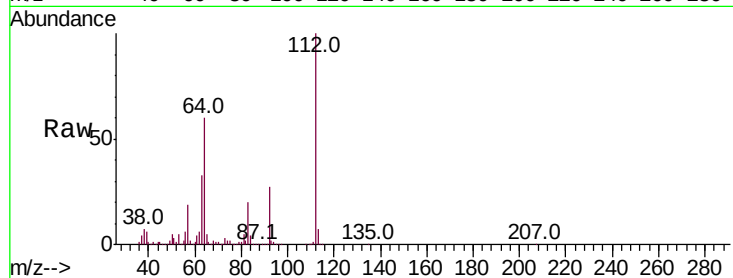
ClientSampleId :

PB114586BS

Tot Ion:	112	Resp:	2184283
Ion	Ratio	Lower	Upper
112	100		
64	60.2	41.7	62.5
63	32.6	23.0	34.4

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM



#6

Aniline

Concen: 40.283 ng

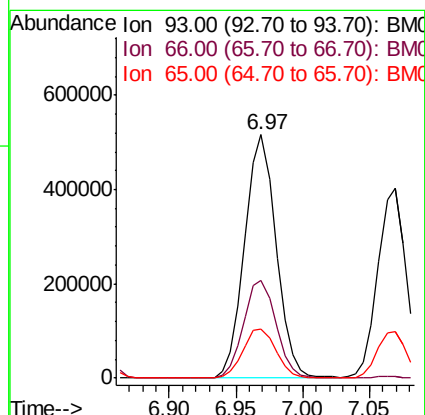
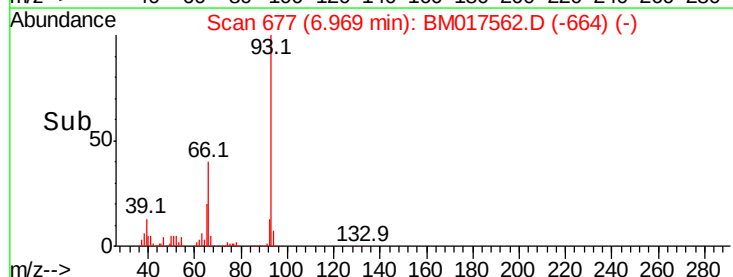
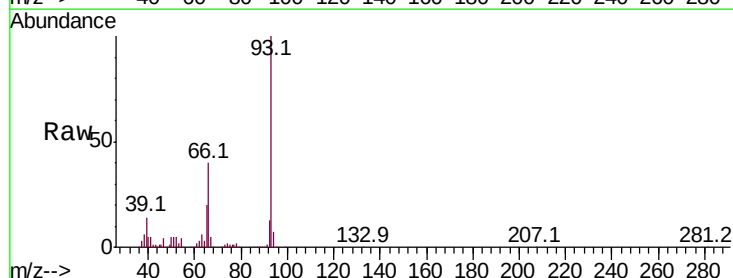
RT: 6.97 min Scan# 677

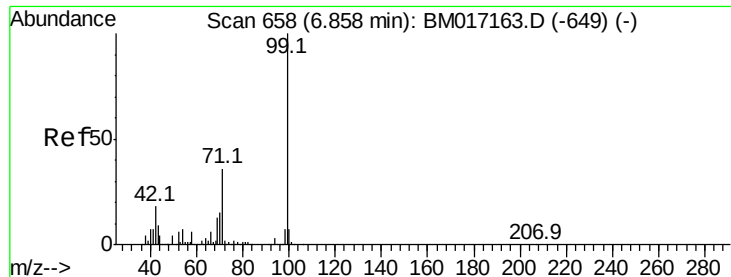
Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Tgt Ion:	93	Resp:	844763
Ion	Ratio	Lower	Upper
93	100		
66	40.3	30.4	45.6
65	20.4	15.3	22.9





#7

Phenol-d6

Concen: 179.099 ng

RT: 6.82 min Scan# 651

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

ClientSampled :

PB114586BS

Tot Ion: 99 Resp: 3002734

Ion Ratio Lower Upper

99 100

42 20.0 13.3 19.9#

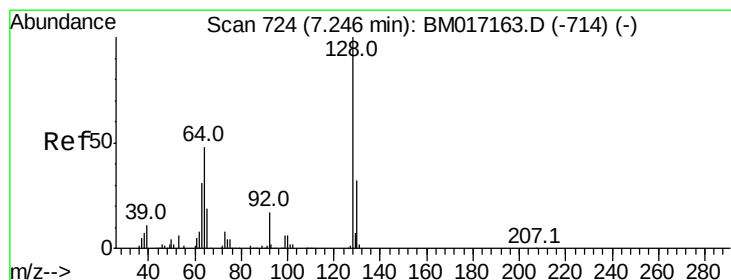
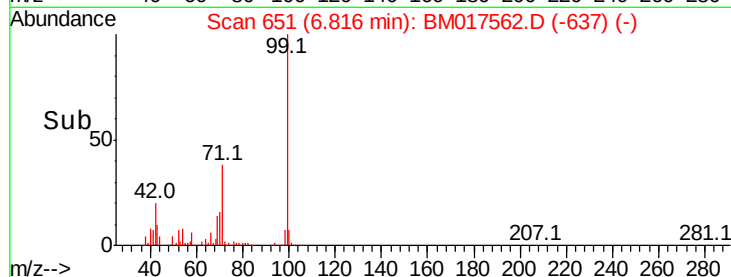
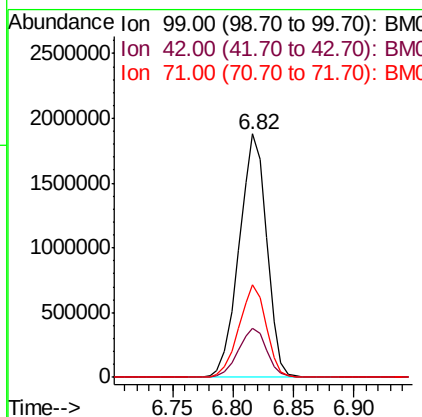
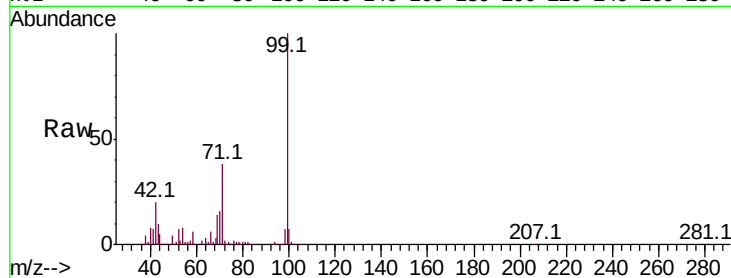
71 37.8 28.0 42.0

Manual Integrations

APPROVED

Sohil

11/9/2018 1:39:12 PM



#8

2-Chlorophenol

Concen: 47.453 ng

RT: 7.20 min Scan# 716

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

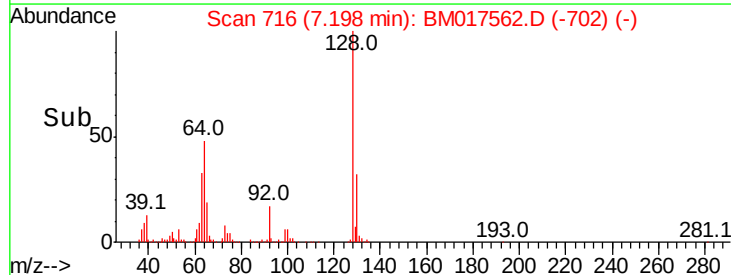
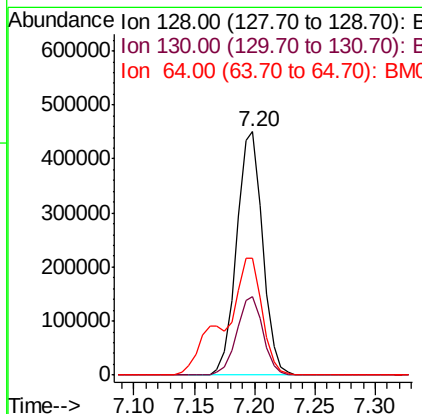
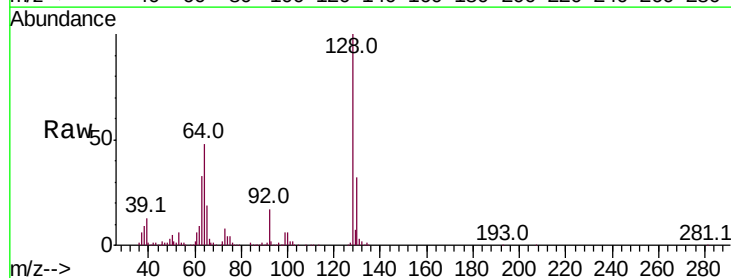
Tgt Ion: 128 Resp: 675795

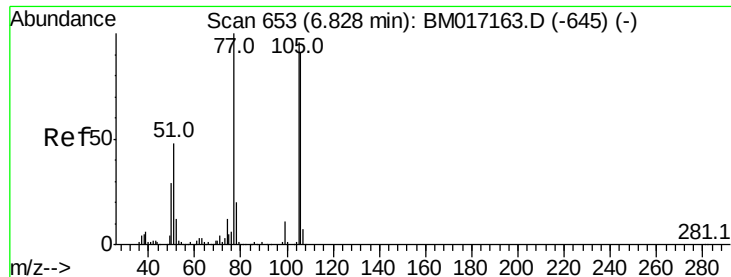
Ion Ratio Lower Upper

128 100

130 32.5 11.0 51.0

64 47.9 24.1 64.1





#9

Benzaldehyde

Concen: 39.874 ng

RT: 6.78 min Scan# 645

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

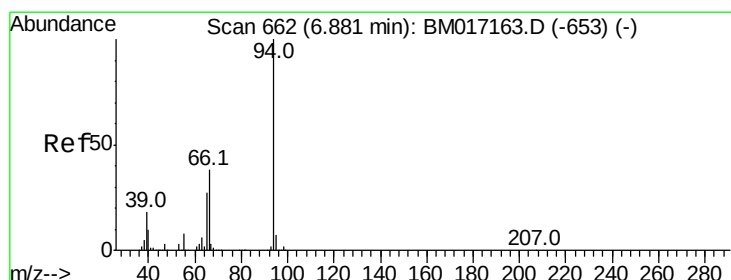
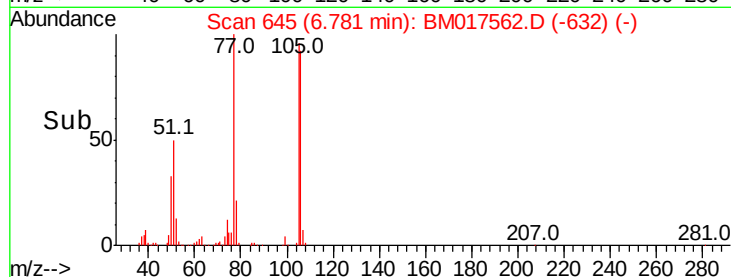
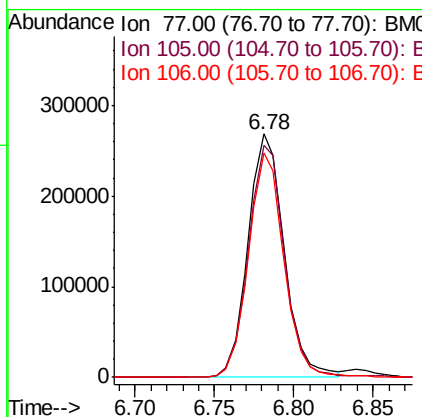
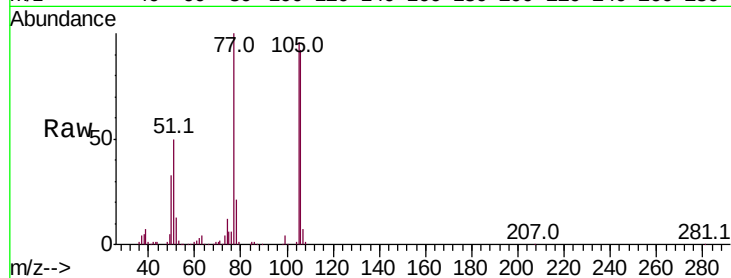
ClientSampleId :

PB114586BS

Tot Ion:	77	Resp:	426261
Ion	Ratio	Lower	Upper
77	100		
105	95.5	83.9	123.9
106	92.1	78.2	118.2

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM



#10

Phenol

Concen: 47.282 ng

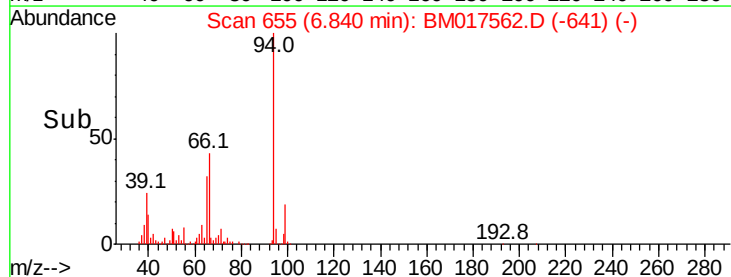
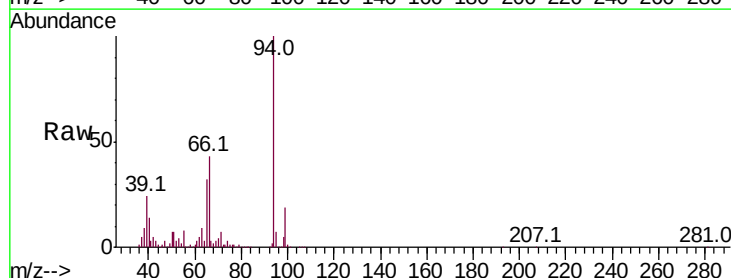
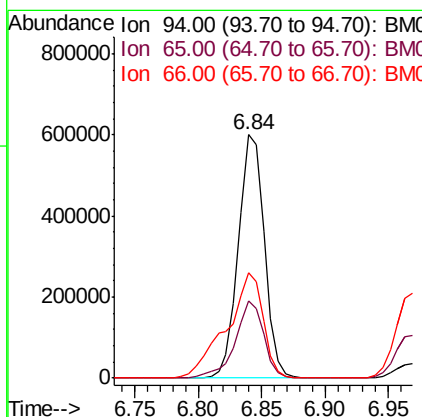
RT: 6.84 min Scan# 655

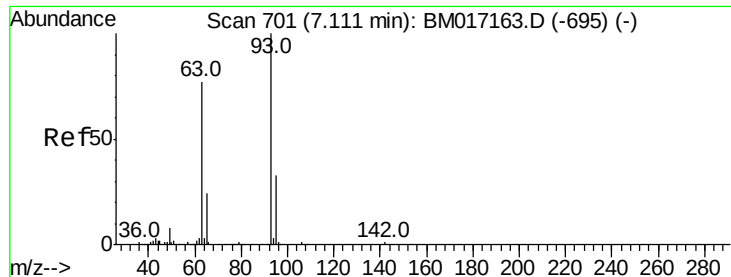
Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Tgt Ion:	94	Resp:	853161
Ion	Ratio	Lower	Upper
94	100		
65	31.9	9.4	49.4
66	43.3	19.0	59.0





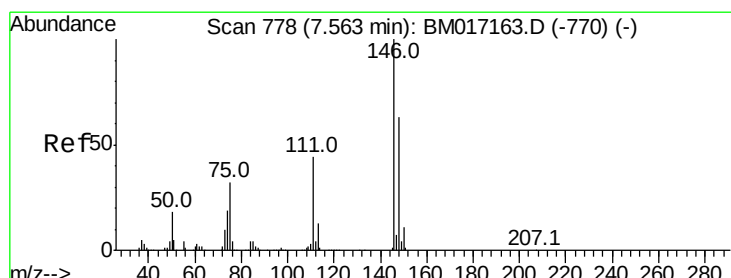
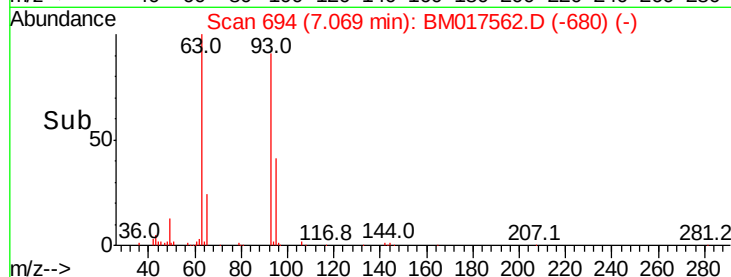
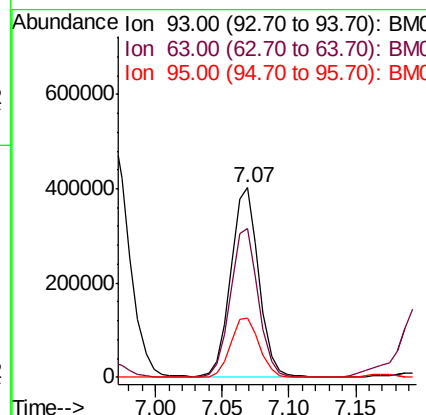
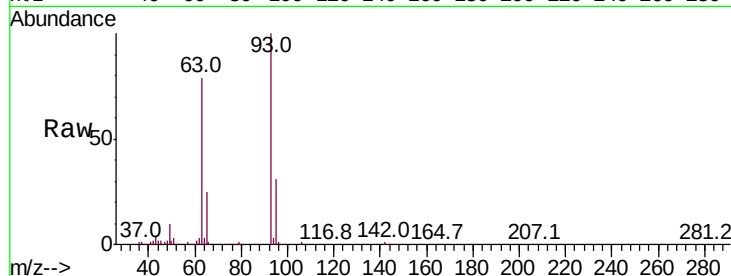
#11
bis(2-Chloroethyl)ether
Concen: 40.769 ng
RT: 7.07 min Scan# 694
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	54.0	94.0
95	31.2	11.8	51.8

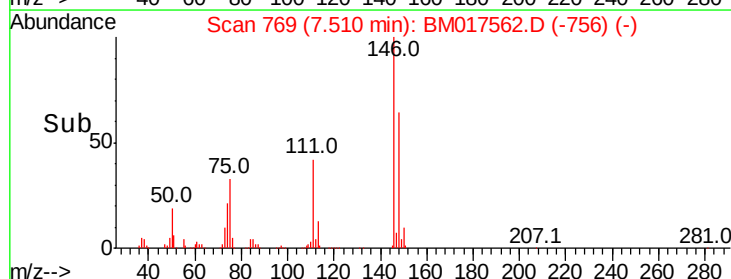
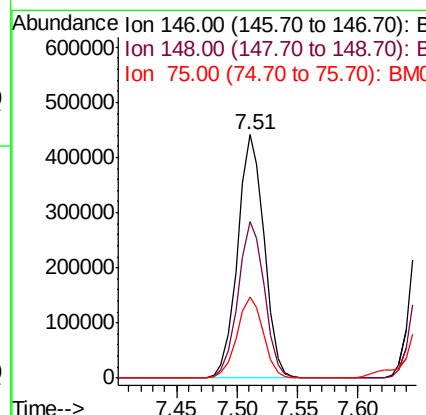
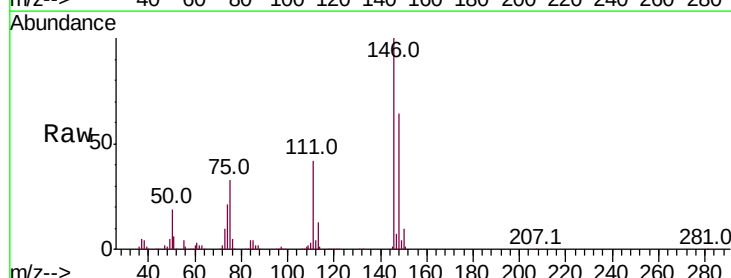
Manual Integrations
APPROVED

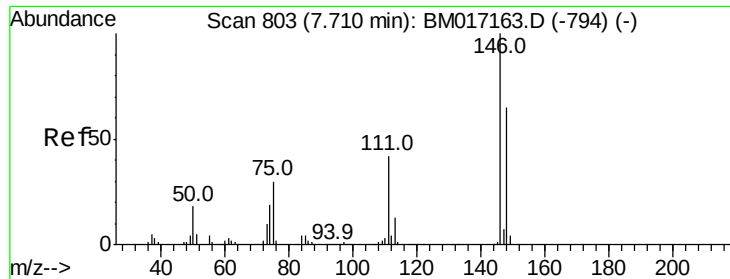
Sohil
11/9/2018 1:39:12 PM



#12
1,3-Dichlorobenzene
Concen: 40.671 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.2	75.4
75	33.1	23.3	34.9





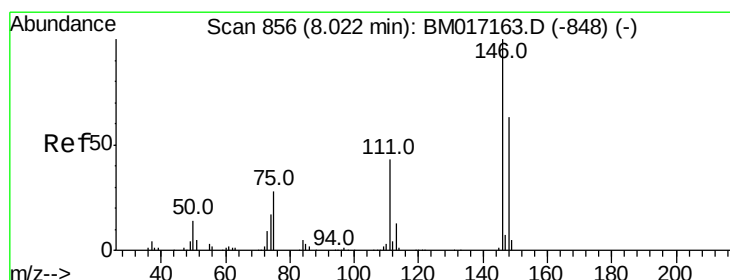
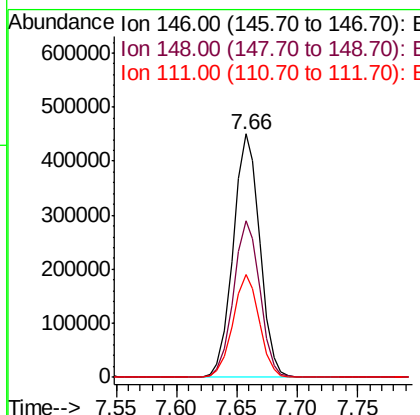
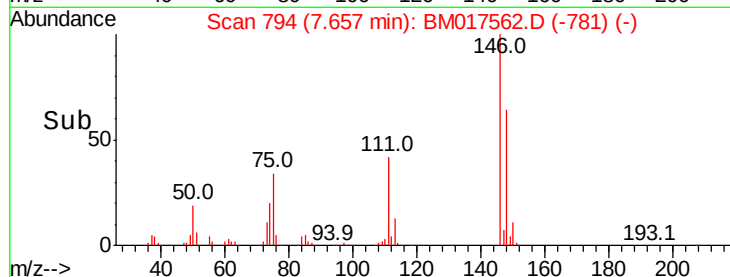
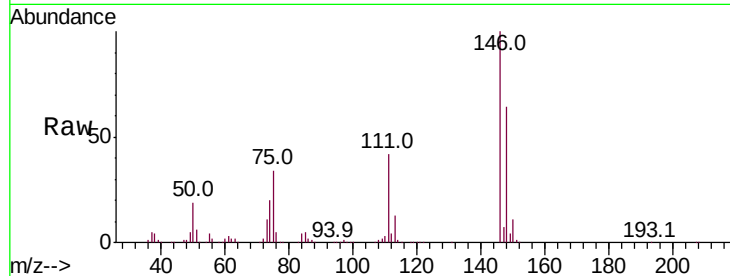
#13
1,4-Dichlorobenzene
Concen: 40.787 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	49.8	74.6
111	42.3	32.1	48.1

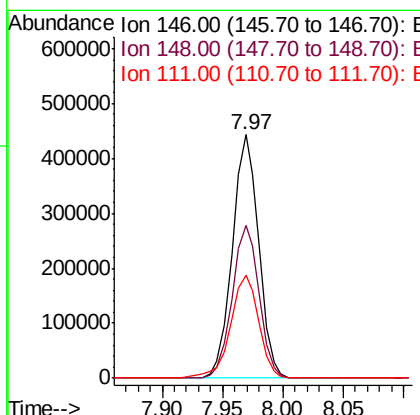
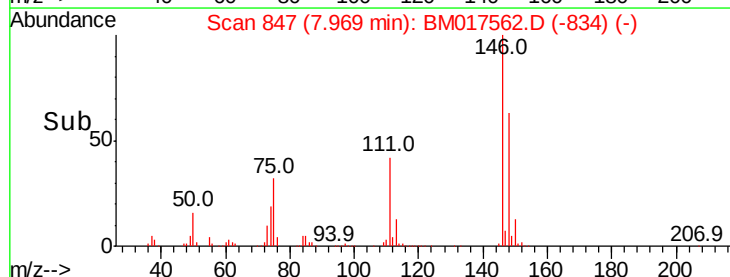
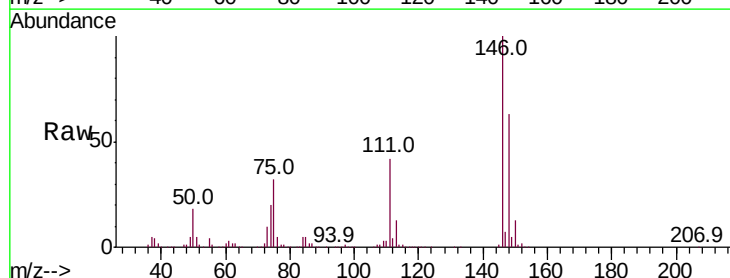
Manual Integrations
APPROVED

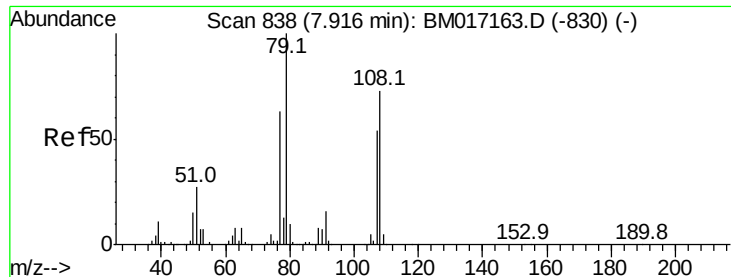
Sohil
11/9/2018 1:39:12 PM



#14
1,2-Dichlorobenzene
Concen: 40.994 ng
RT: 7.97 min Scan# 847
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
111	42.2	33.8	50.6





#15

Benzyl Alcohol

Concen: 50.754 ng

RT: 7.87 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

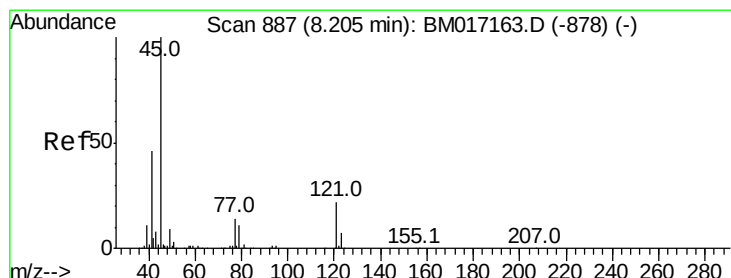
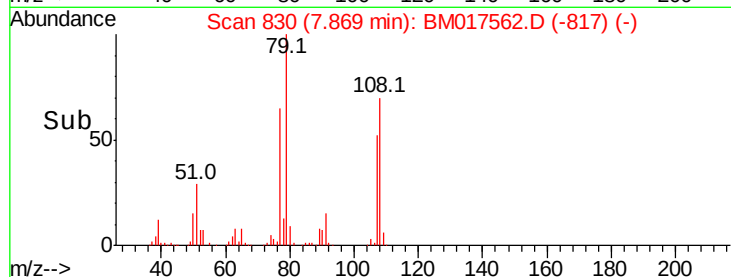
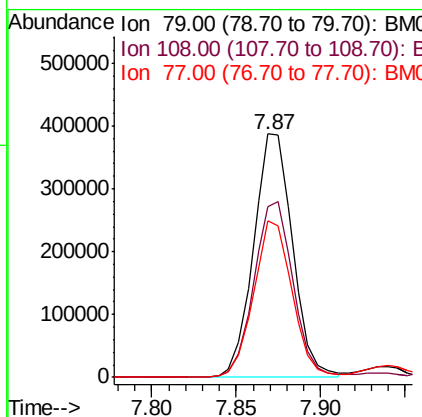
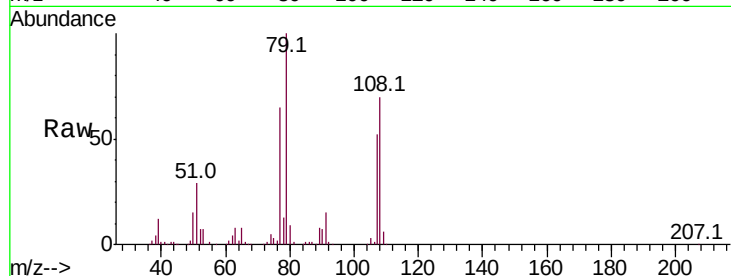
ClientSampled :

PB114586BS

Tot Ion:	79	Resp:	621986
Ion Ratio	Lower	Upper	
79	100		
108	70.3	60.3	90.5
77	64.5	54.8	82.2

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.181 ng

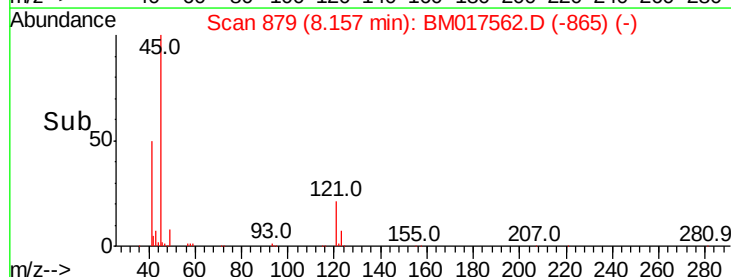
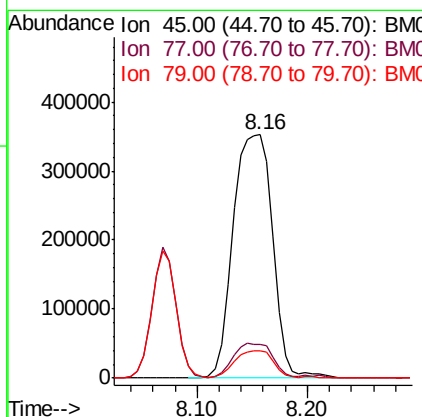
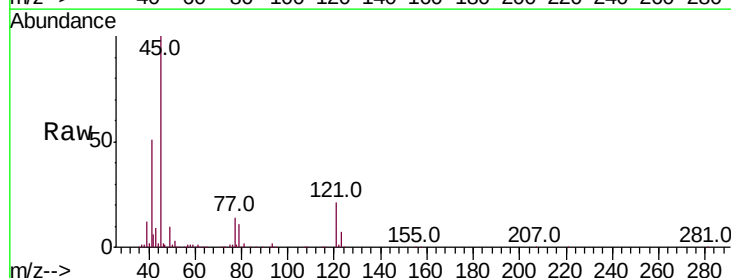
RT: 8.16 min Scan# 879

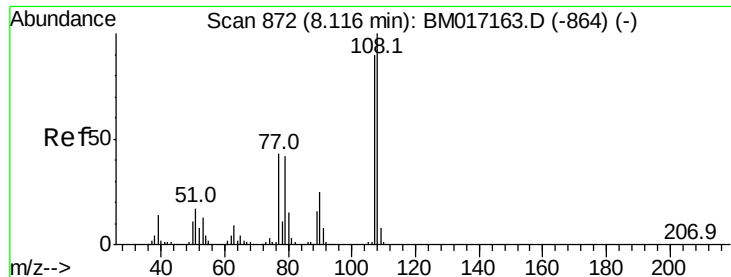
Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Tgt Ion:	45	Resp:	887851
Ion Ratio	Lower	Upper	
45	100		
77	14.0	0.0	35.5
79	11.3	0.0	32.1





#17

2-Methylphenol

Concen: 50.763 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

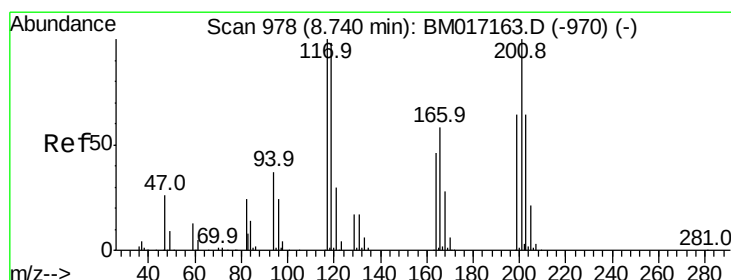
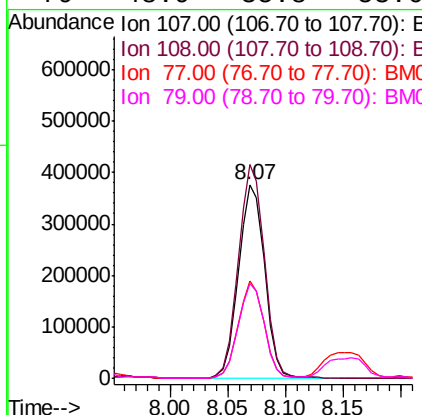
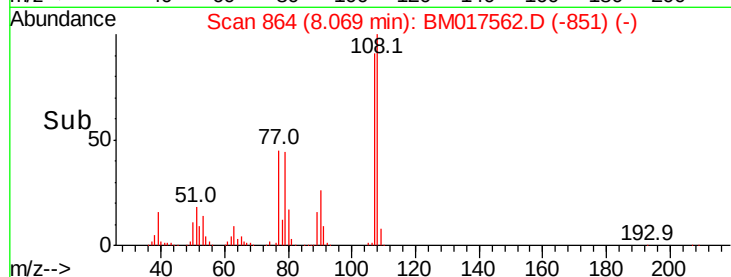
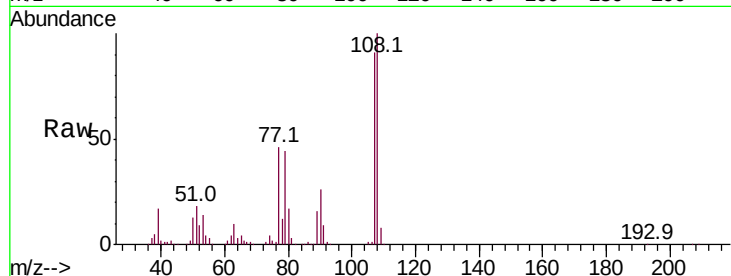
ClientSampleId :

PB114586BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	587921		
108	110.3		90.3	135.5
77	50.3		37.0	55.4
79	48.9		35.8	53.6

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM



#18

Hexachloroethane

Concen: 43.225 ng

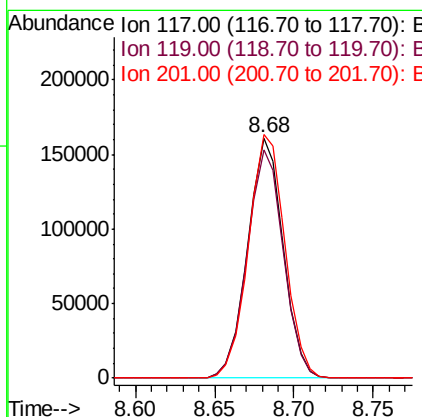
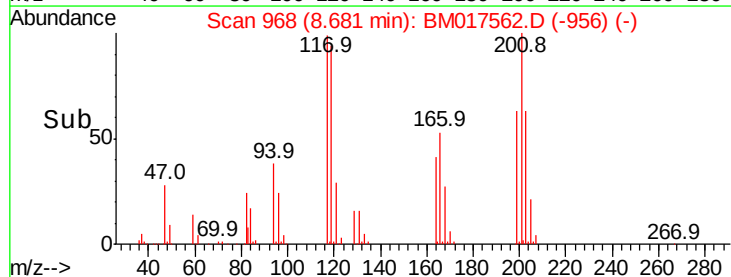
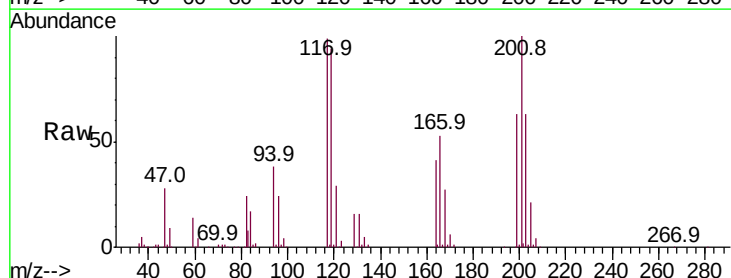
RT: 8.68 min Scan# 968

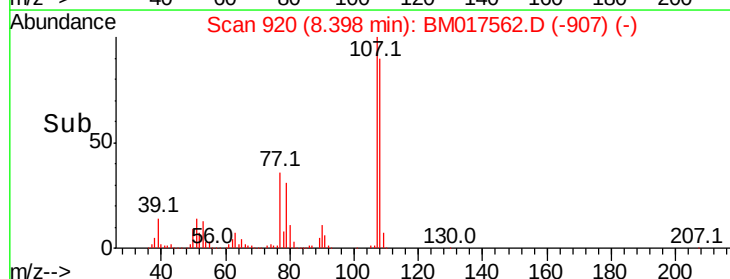
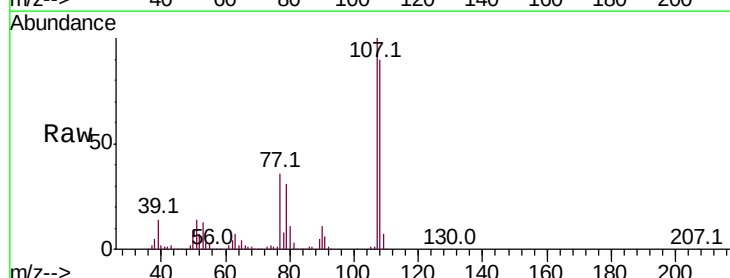
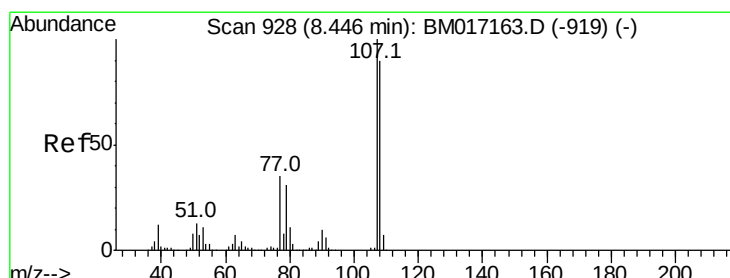
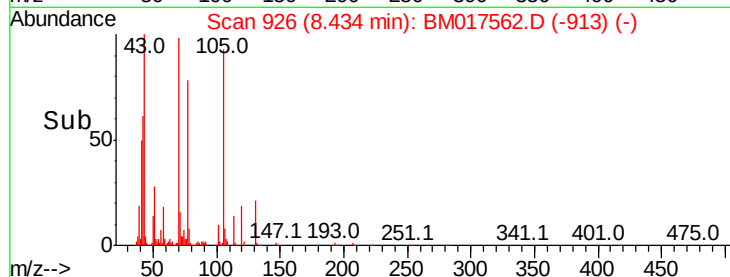
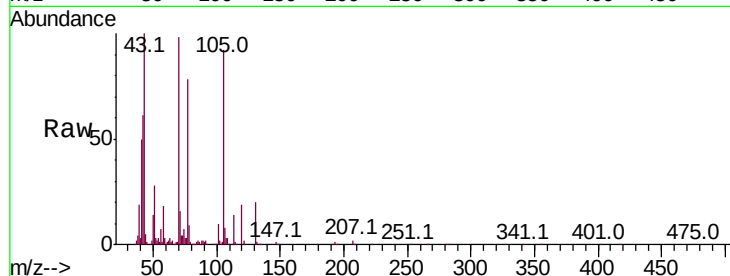
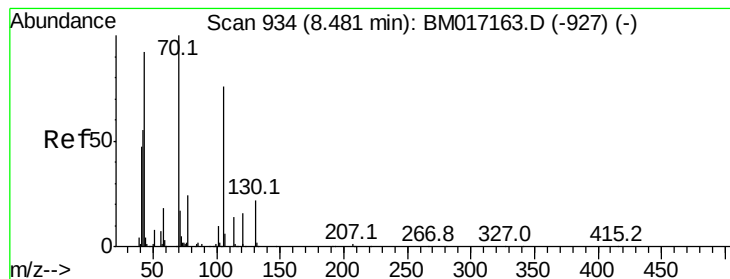
Delta R.T. -0.03 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	250906		
119	94.8		78.2	117.2
201	101.3		85.3	127.9





#19

n-Nitroso-di-n-propylamine

Concen: 47.077 ng

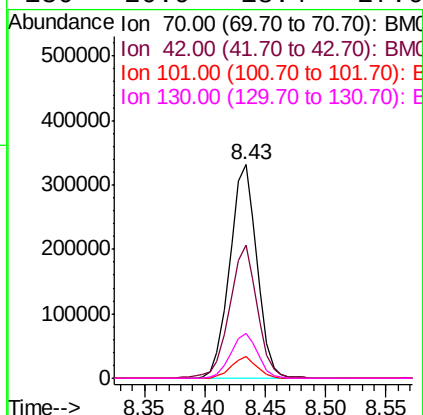
RT: 8.43 min Scan# 926

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	62.1	46.1	69.1	
101	10.2	8.2	12.4	
130	20.9	18.4	27.6	



Instrument :

BNA_M

ClientSampleId :

PB114586BS

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM

#20

3+4-Methylphenols

Concen: 50.781 ng

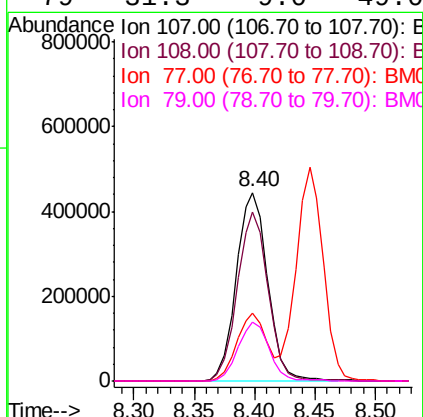
RT: 8.40 min Scan# 920

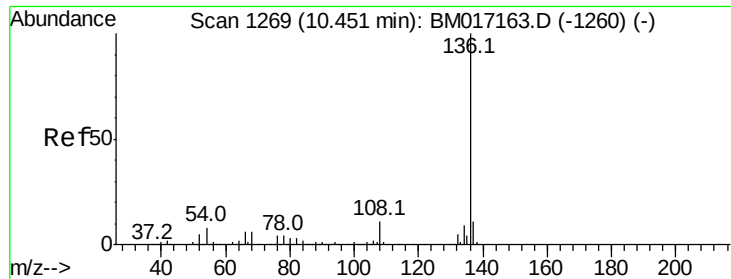
Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.7	69.9	109.9	
77	35.7	12.2	52.2	
79	31.3	9.0	49.0	





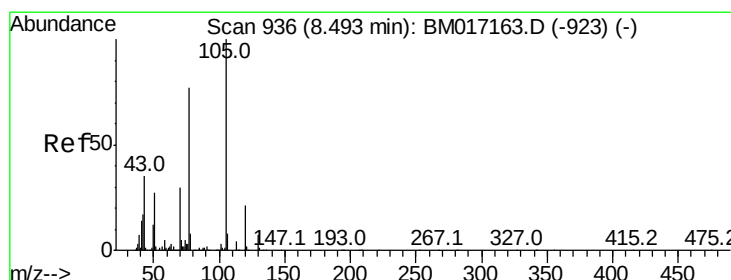
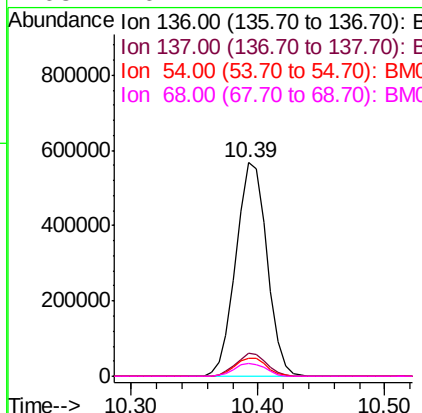
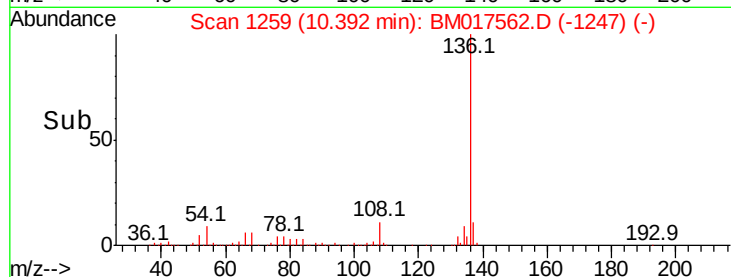
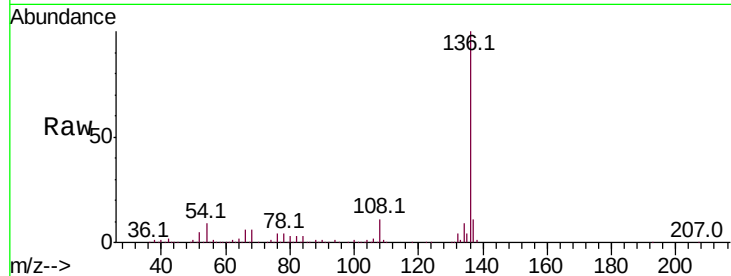
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.2	13.8	
54	8.7	6.7	10.1	
68	6.1	4.7	7.1	

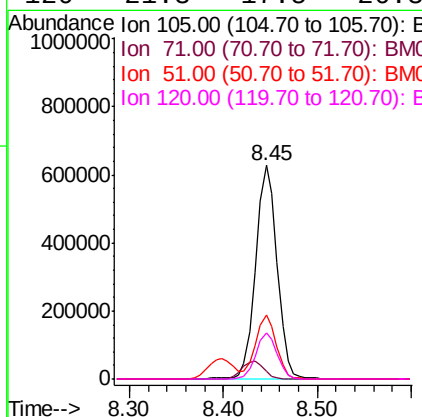
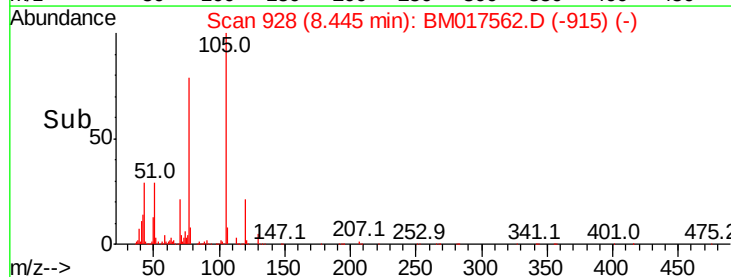
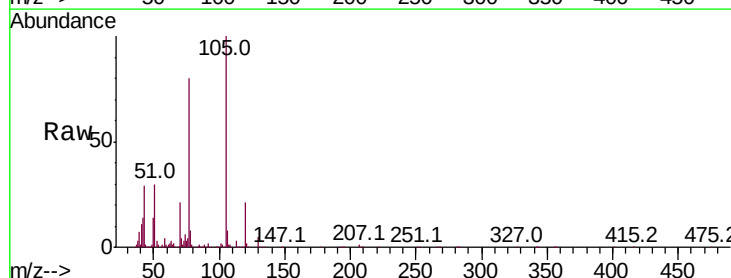
Manual Integrations
APPROVED

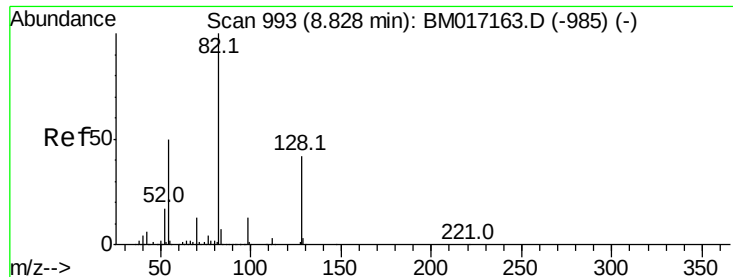
Sohil
11/9/2018 1:39:12 PM



#22
Acetophenone
Concen: 40.544 ng
RT: 8.45 min Scan# 928
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.6	2.0	3.0#	
51	29.9	20.6	31.0	
120	21.3	17.5	26.3	





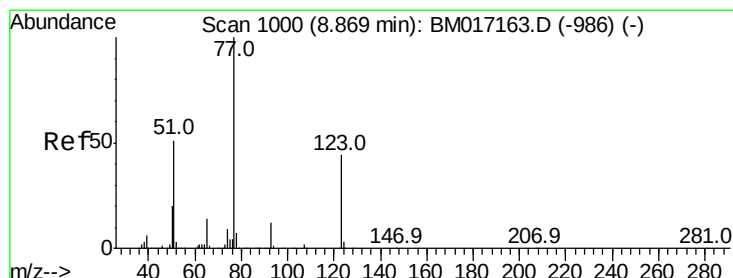
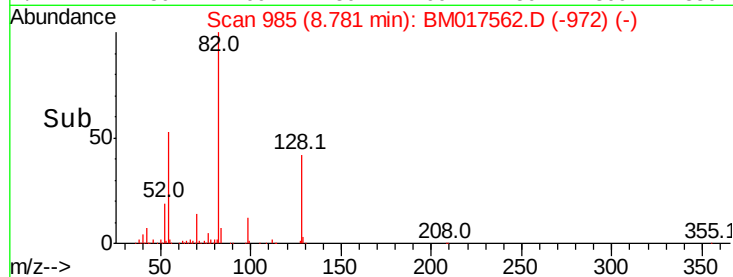
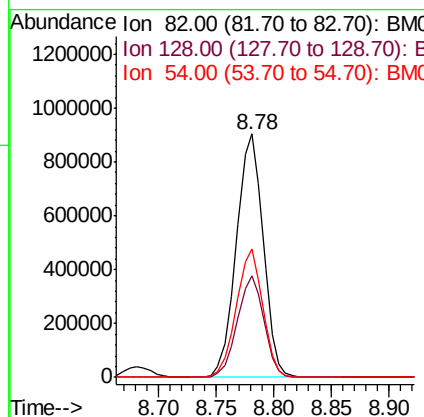
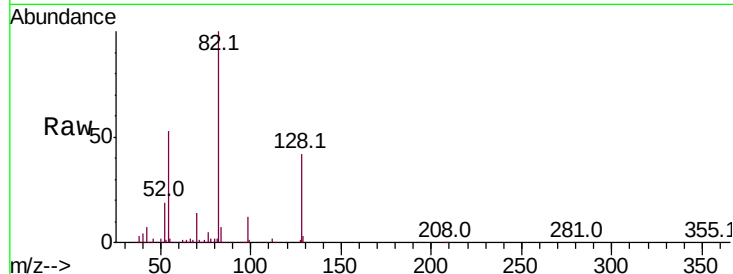
#23
Nitrobenzene-d5
Concen: 88.443 ng
RT: 8.78 min Scan# 985
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion: 82 Resp: 1458174
Ion Ratio Lower Upper
82 100
128 41.7 37.0 55.6
54 52.8 40.7 61.1

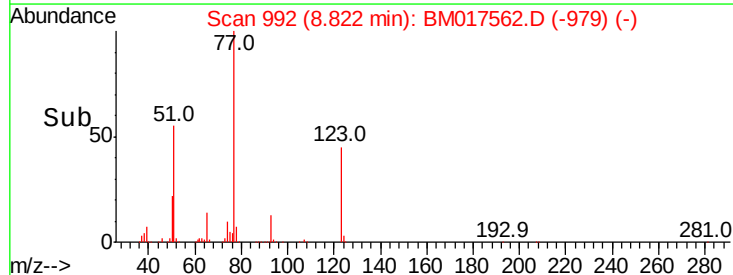
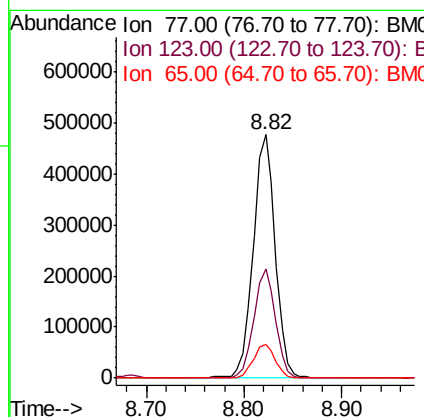
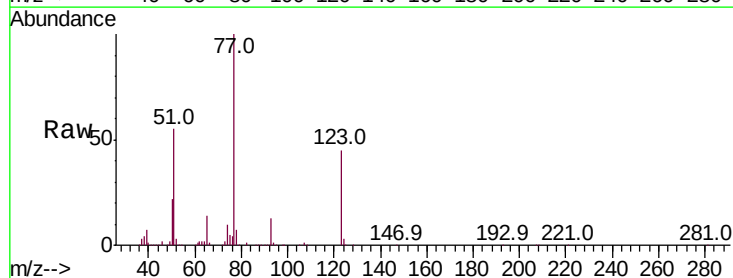
Manual Integrations
APPROVED

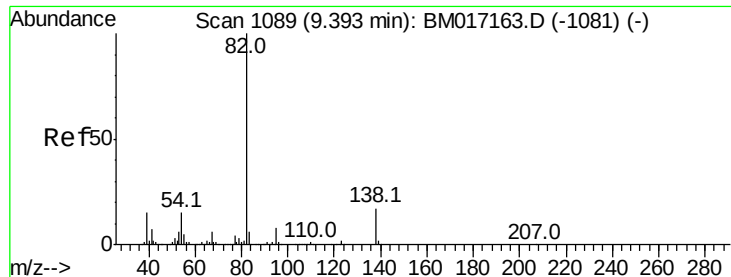
Sohil
11/9/2018 1:39:12 PM



#24
Nitrobenzene
Concen: 43.300 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion: 77 Resp: 755137
Ion Ratio Lower Upper
77 100
123 44.6 40.2 60.4
65 13.9 11.4 17.0





#25

Isophorone

Concen: 51.186 ng

RT: 9.35 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

ClientSampleId :

PB114586BS

Tot Ion: 82 Resp: 1393526

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

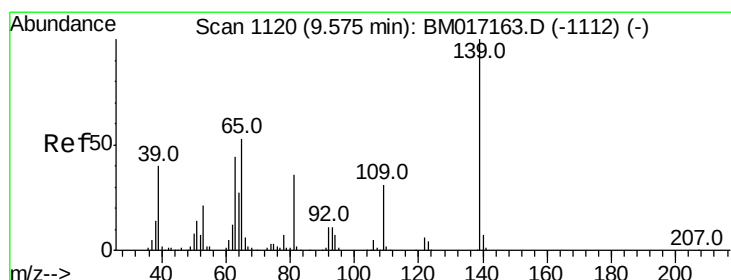
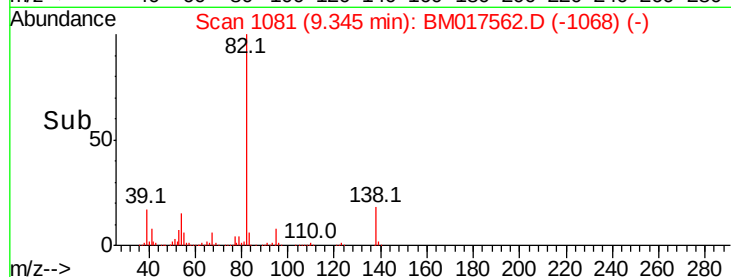
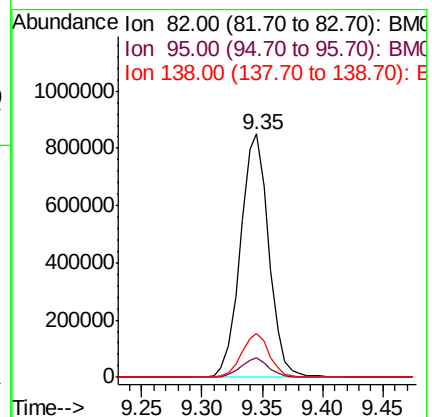
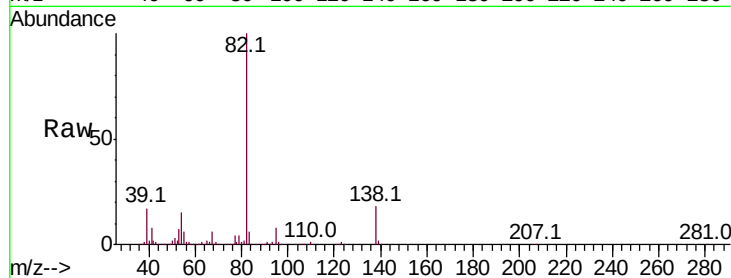
138 18.0 15.4 23.2

Manual Integrations

APPROVED

Sohil

11/9/2018 1:39:12 PM



#26

2-Nitrophenol

Concen: 45.225 ng

RT: 9.52 min Scan# 1111

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

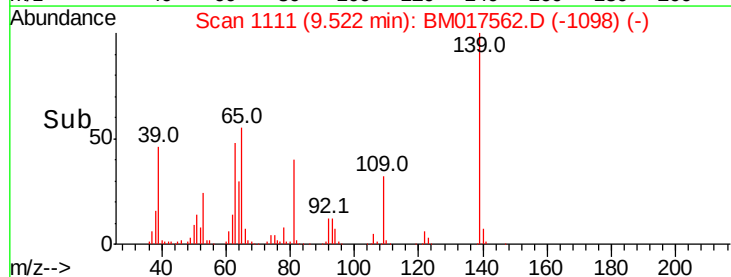
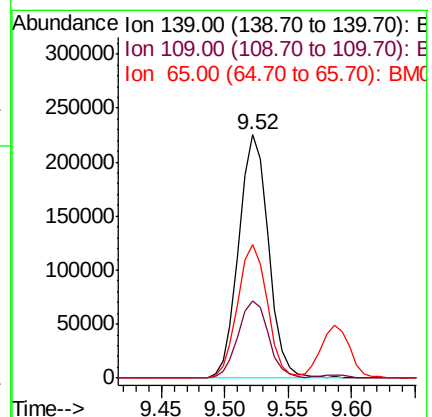
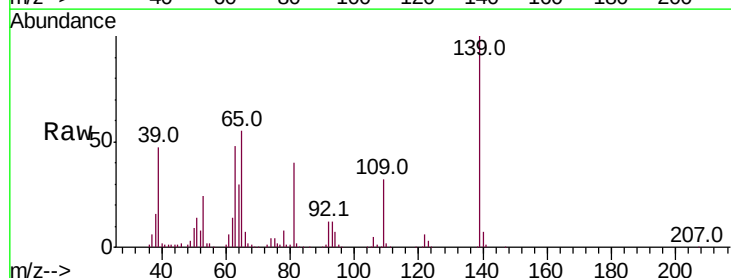
Tgt Ion: 139 Resp: 366067

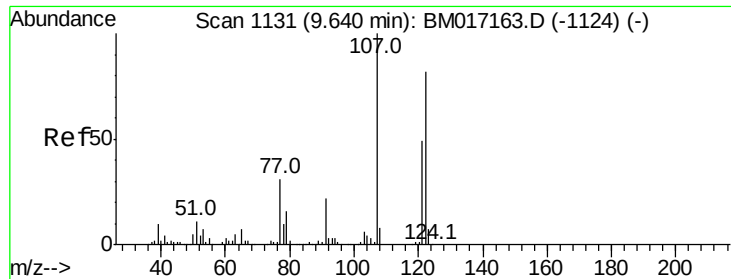
Ion Ratio Lower Upper

139 100

109 31.6 23.2 34.8

65 55.0 40.6 61.0





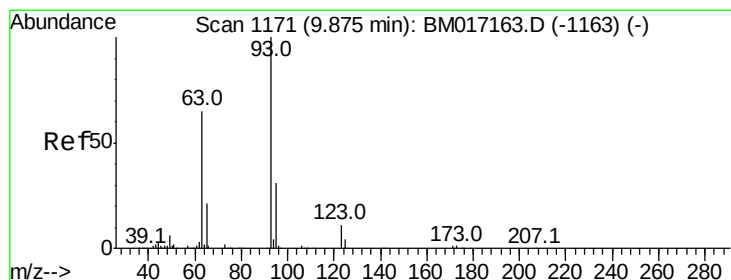
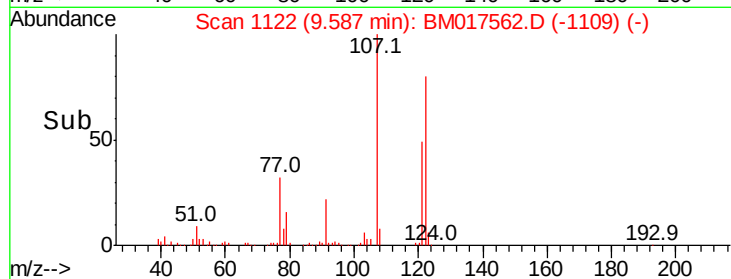
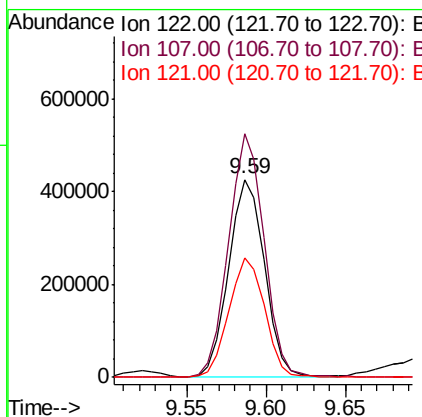
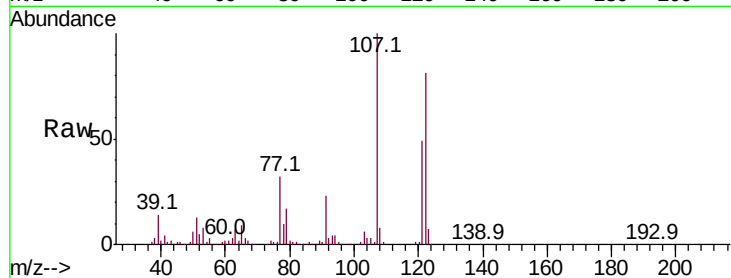
#27
2,4-Dimethylphenol
Concen: 55.326 ng
RT: 9.59 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	666036		
107	123.1	95.0	142.6	
121	60.5	48.2	72.4	

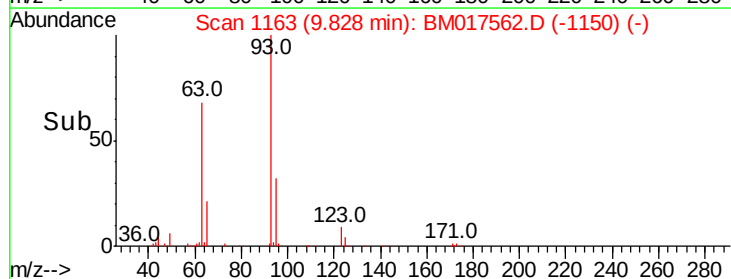
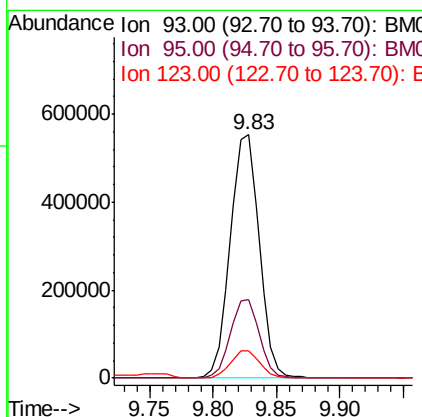
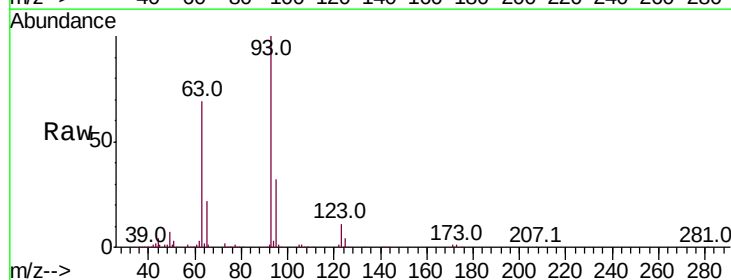
Manual Integrations
APPROVED

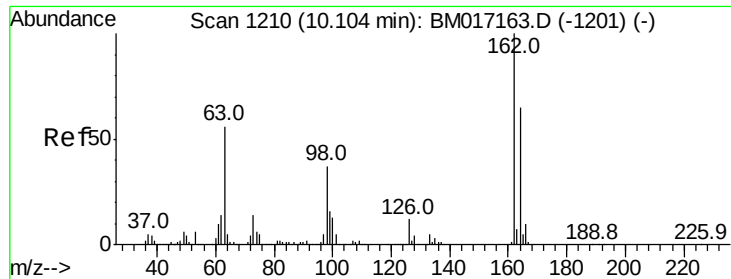
Sohil
11/9/2018 1:39:12 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.730 ng
RT: 9.83 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	876281		
95	32.1	25.7	38.5	
123	11.0	9.4	14.0	





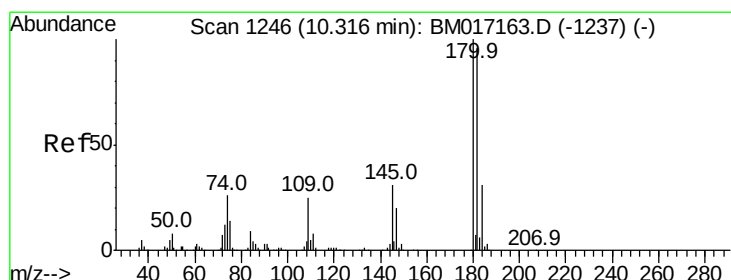
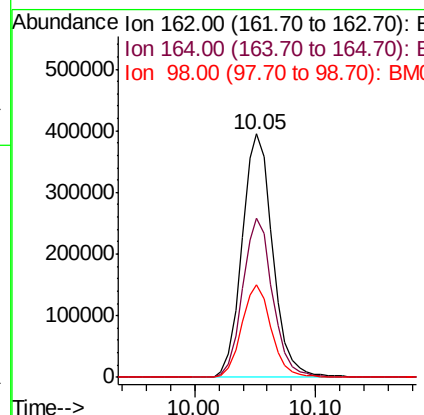
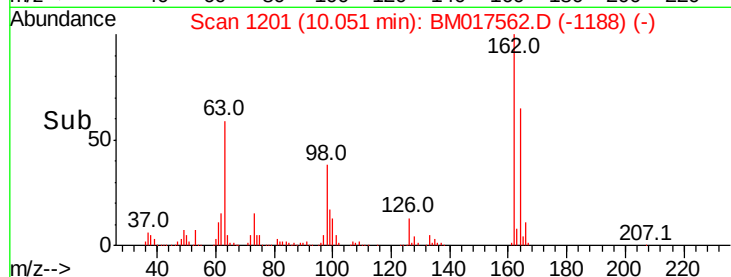
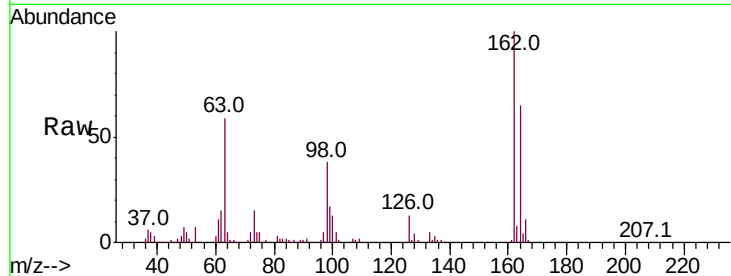
#29
 2,4-Dichlorophenol
 Concen: 50.091 ng
 RT: 10.05 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Instrument :
 BNA_M
 ClientSampled :
 PB114586BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.9	84.9
98	37.9	15.8	55.8

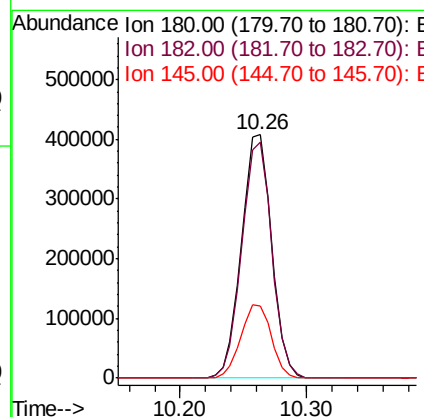
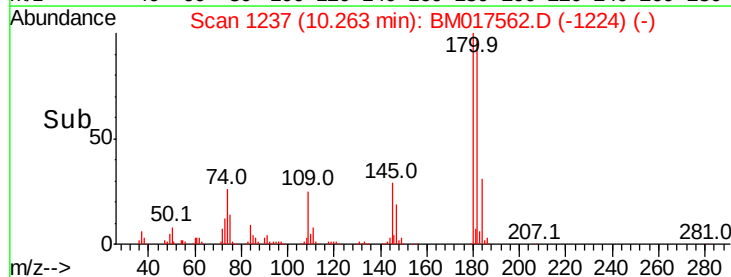
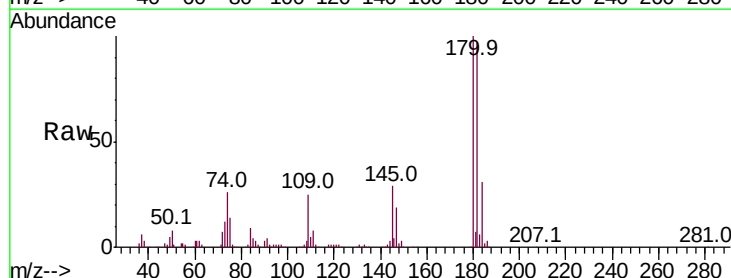
Manual Integrations
 APPROVED

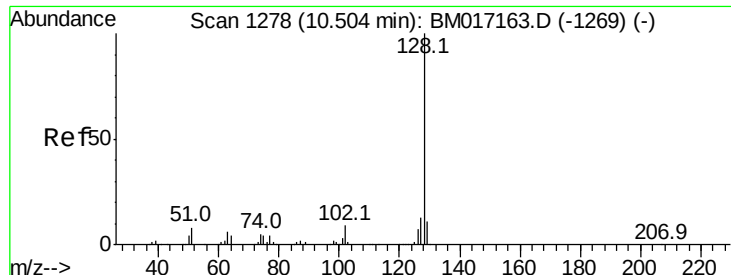
Sohil
 11/9/2018 1:39:12 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.122 ng
 RT: 10.26 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.5	116.3
145	29.4	24.0	36.0





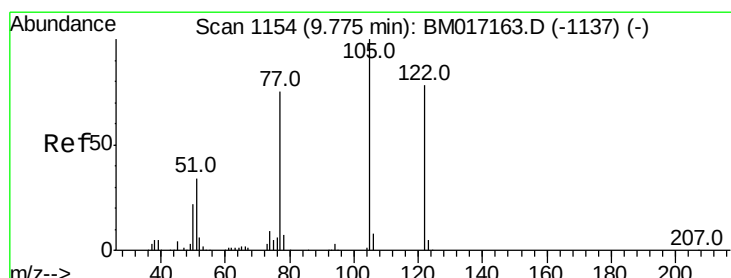
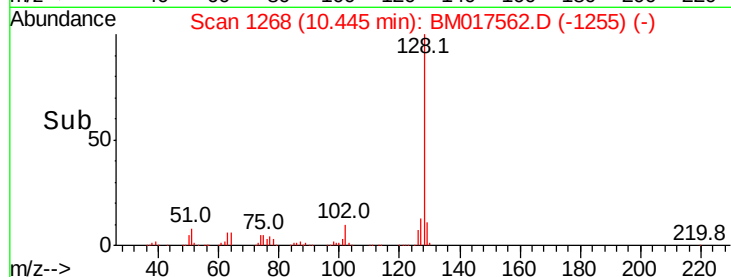
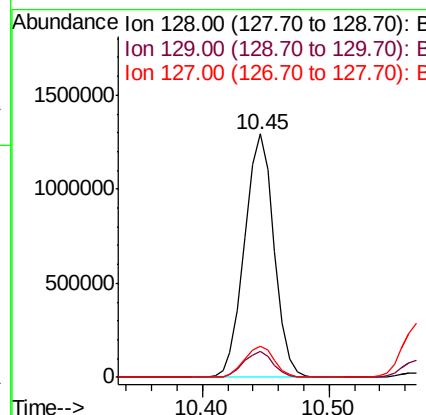
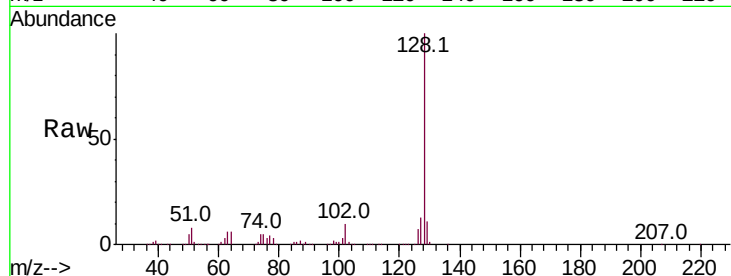
#31
Naphthalene
Concen: 44.099 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.5	12.7
127	12.9	10.3	15.5

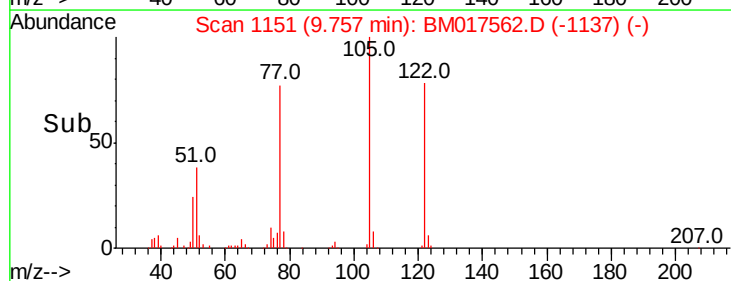
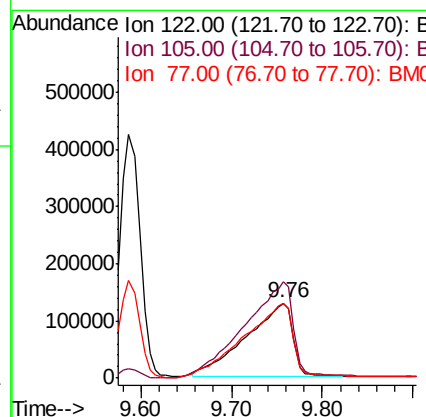
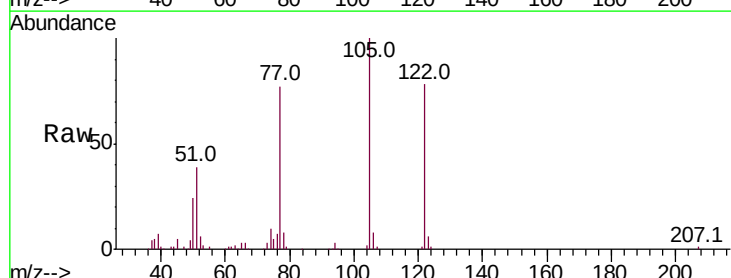
Manual Integrations
APPROVED

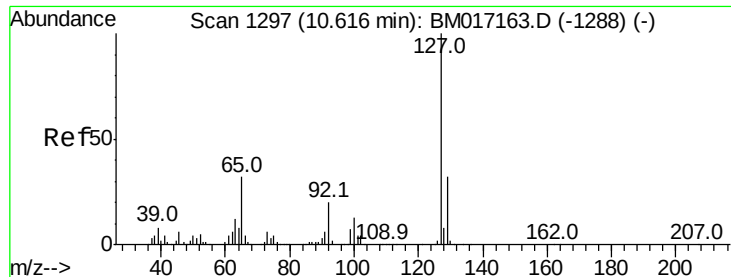
Sohil
11/9/2018 1:39:12 PM



#32
Benzoic acid
Concen: 50.201 ng
RT: 9.76 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.4	102.0	142.0
77	99.1	67.7	107.7





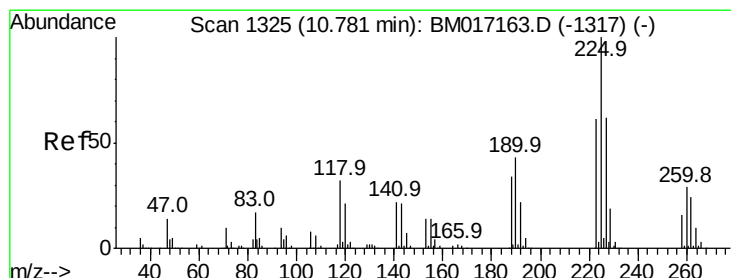
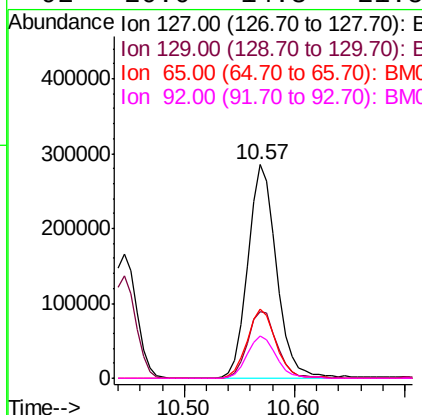
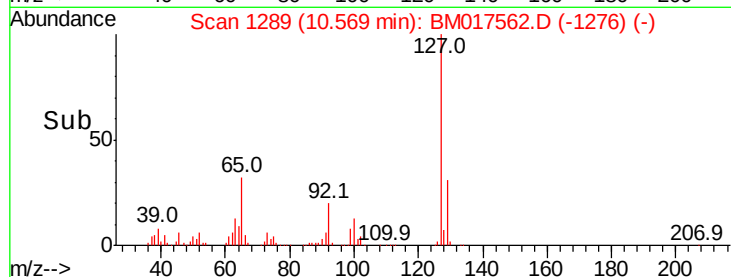
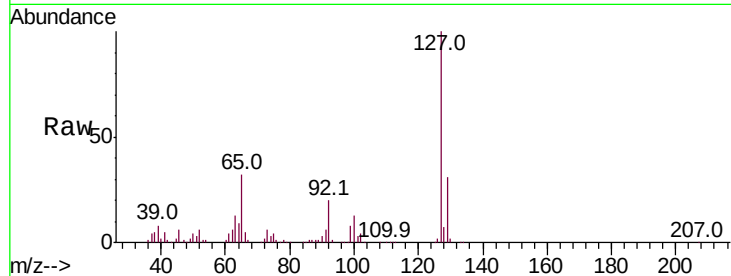
#33
4-Chloroaniline
Concen: 25.472 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.4
65	32.2	23.7	35.5
92	20.0	14.3	21.5

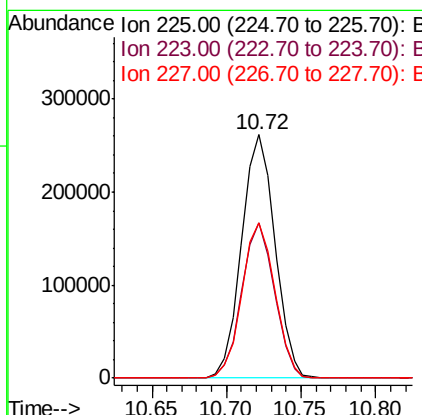
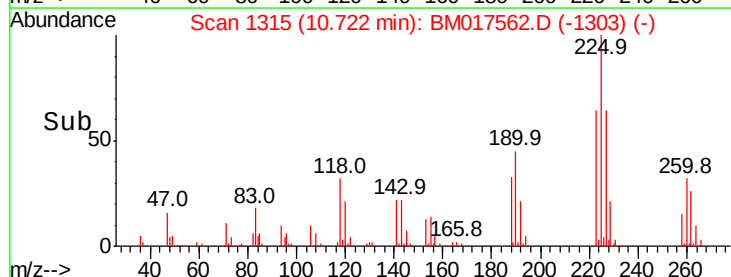
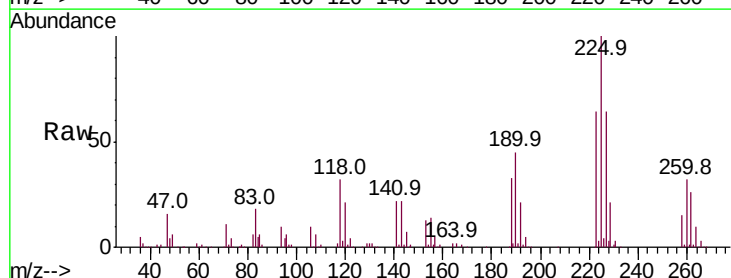
Manual Integrations
APPROVED

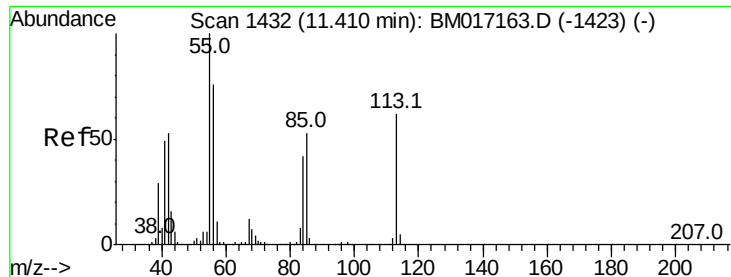
Sohil
11/9/2018 1:39:12 PM



#34
Hexachlorobutadiene
Concen: 38.111 ng
RT: 10.72 min Scan# 1315
Delta R.T. -0.03 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	63.9	50.8	76.2





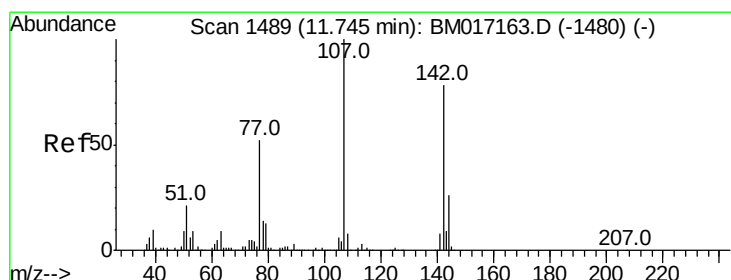
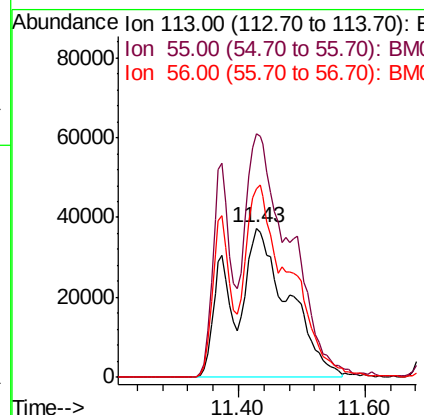
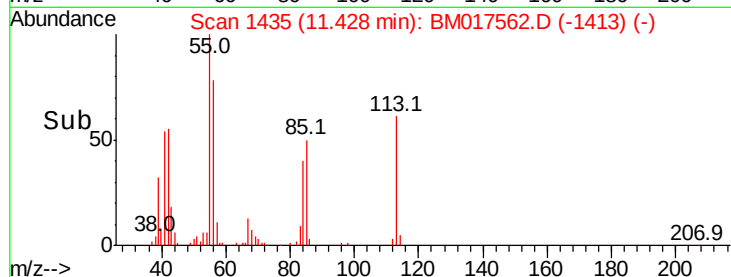
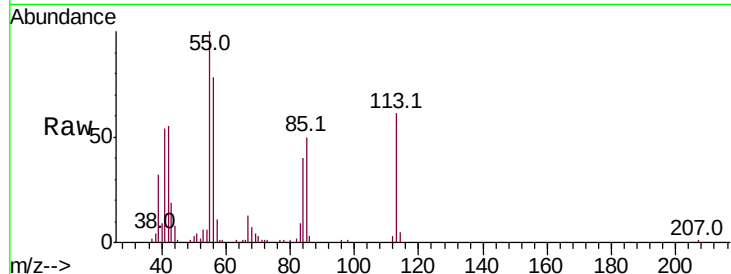
#35
 Caprolactam
 Concen: 45.897 ng/ml
 RT: 11.43 min Scan# 1435
 Delta R.T. 0.03 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Instrument :
 BNA_M
 ClientSampleID :
 PB114586BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	163.5	147.0	187.0
56	126.9	104.5	144.5

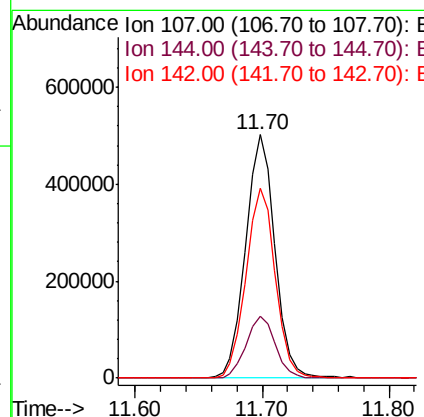
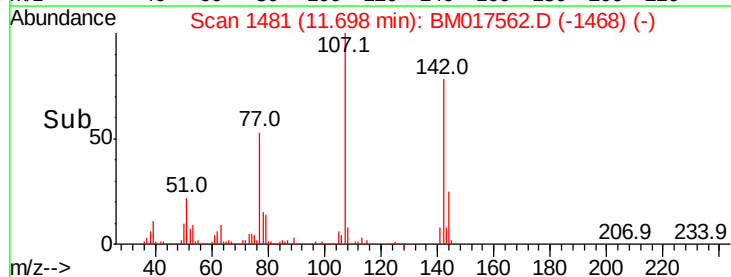
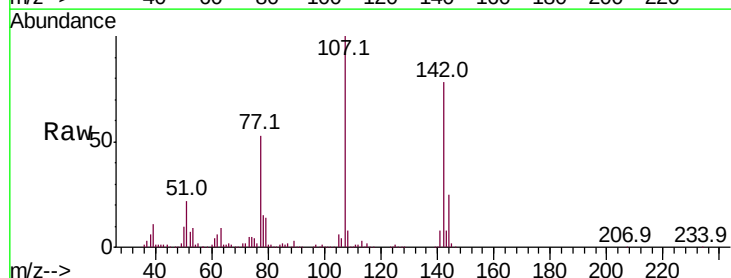
Manual Integrations
 APPROVED

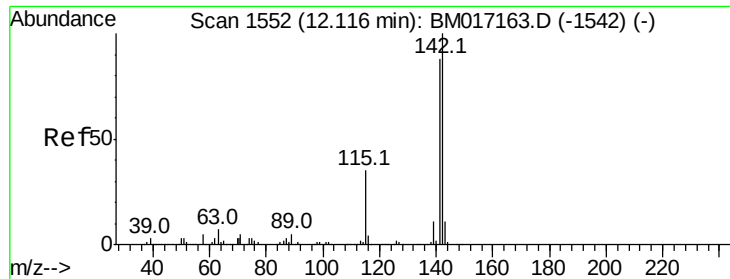
Sohil
 11/9/2018 1:39:12 PM



#36
 4-Chloro-3-methylphenol
 Concen: 51.047 ng
 RT: 11.70 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	21.6	32.4
142	78.0	66.0	99.0





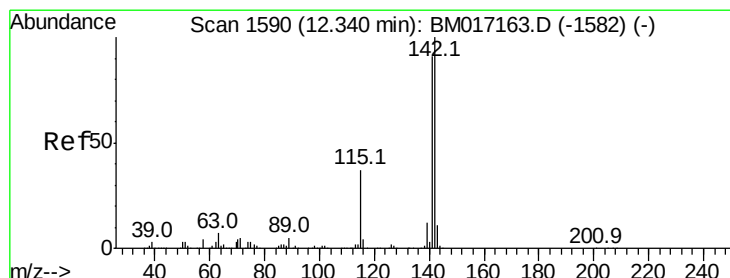
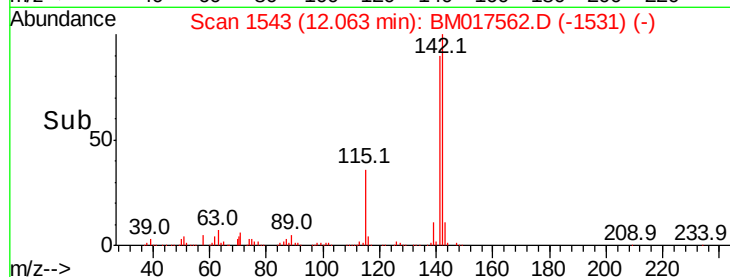
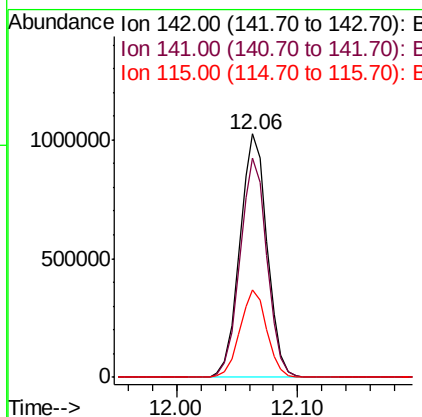
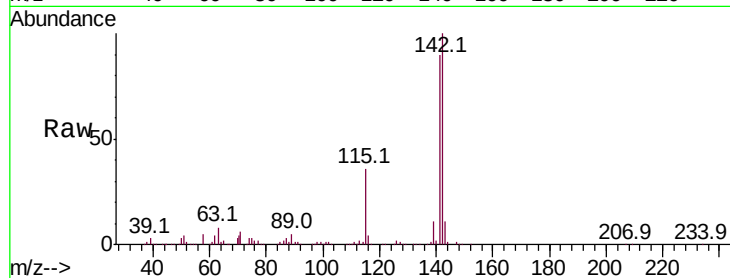
#37
2-Methylnaphthalene
Concen: 50.057 ng
RT: 12.06 min Scan# 1543
Delta R.T. -0.03 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampled :
PB114586BS

Tot Ion:142 Resp: 1618645
Ion Ratio Lower Upper
142 100
141 89.9 70.9 106.3
115 35.9 26.4 39.6

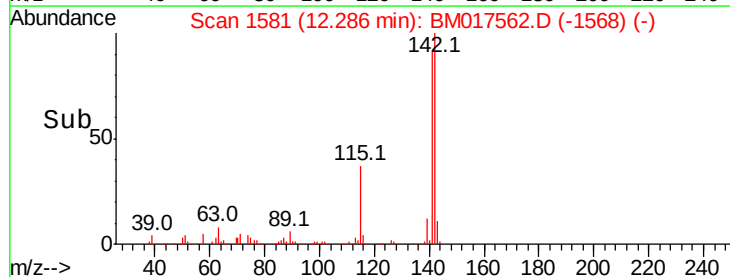
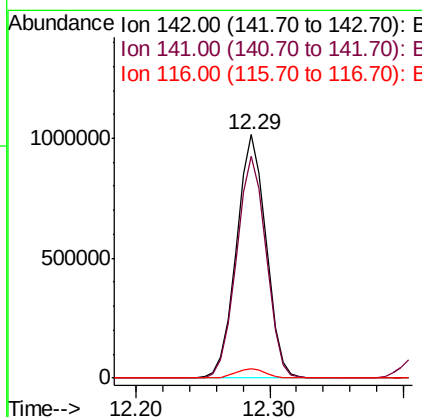
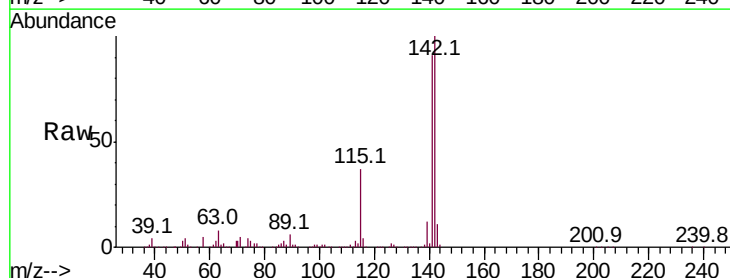
Manual Integrations
APPROVED

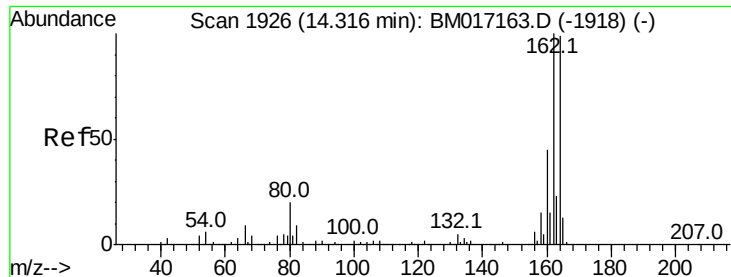
Sohil
11/9/2018 1:39:12 PM



#38
1-Methylnaphthalene
Concen: 49.325 ng
RT: 12.29 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion:142 Resp: 1552386
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6
116 4.1 2.9 4.3





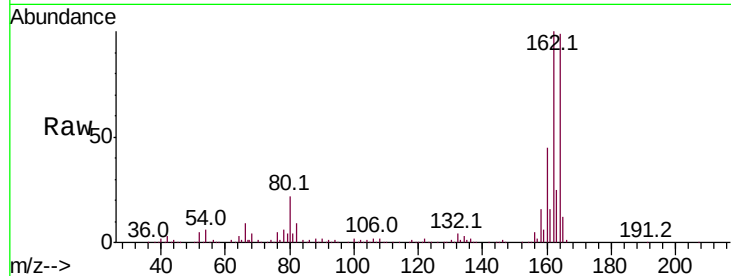
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.1	123.1
160	44.9	40.2	60.2

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM

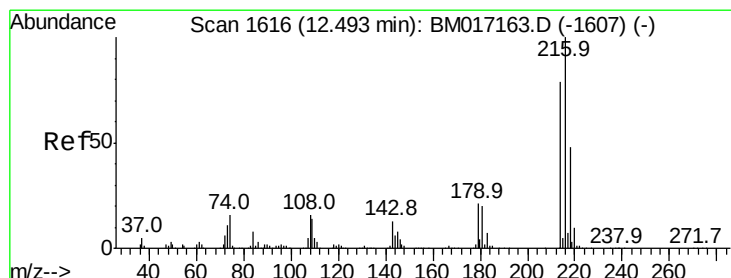
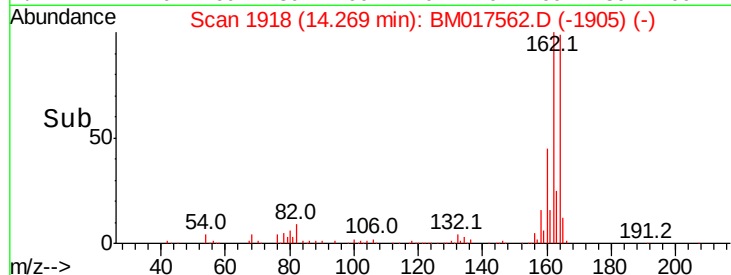
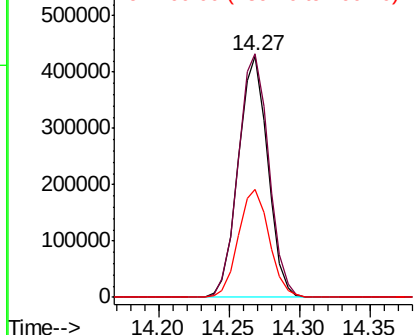


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.249 ng
RT: 12.44 min Scan# 1607
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.6	93.8
179	20.7	16.6	24.8
108	20.8	13.5	20.3#

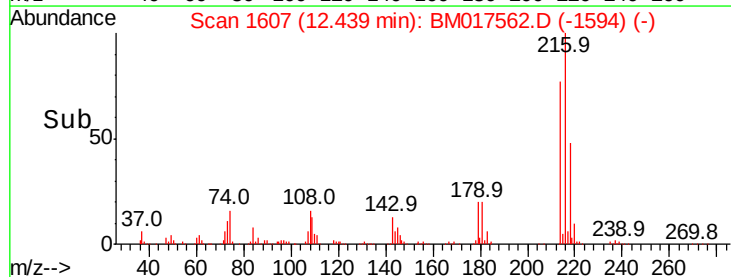
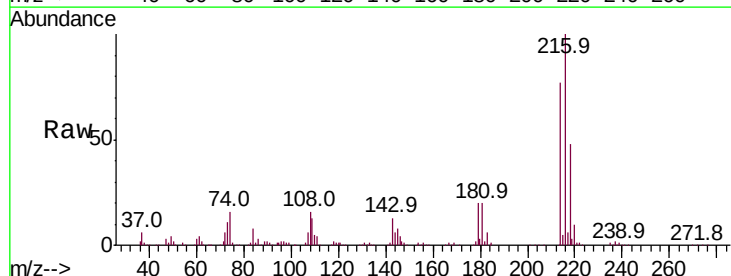
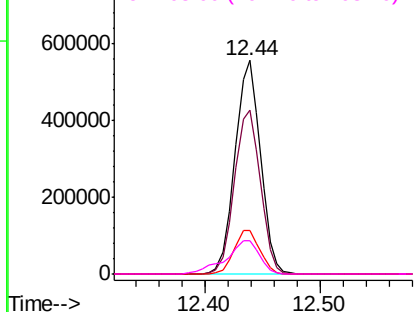
Abundance

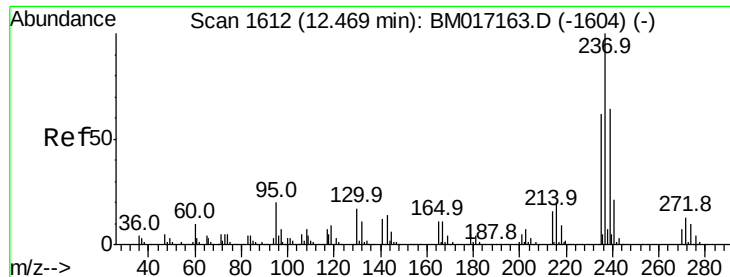
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 103.884 ng

RT: 12.41 min Scan# 1602

Delta R.T. -0.03 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

ClientSampleId :

PB114586BS

Tot Ion:237 Resp: 1108134

Ion Ratio Lower Upper

237 100

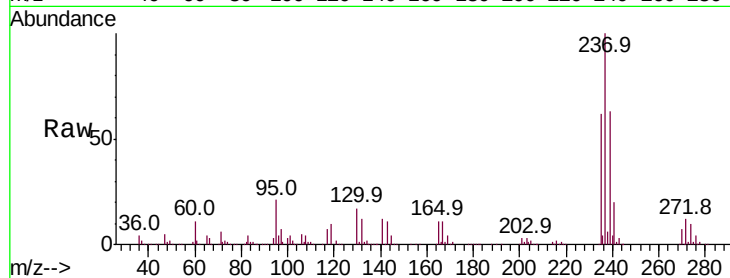
235 61.9 42.4 82.4

272 12.4 0.0 33.0

Manual Integrations
APPROVED

Sohil

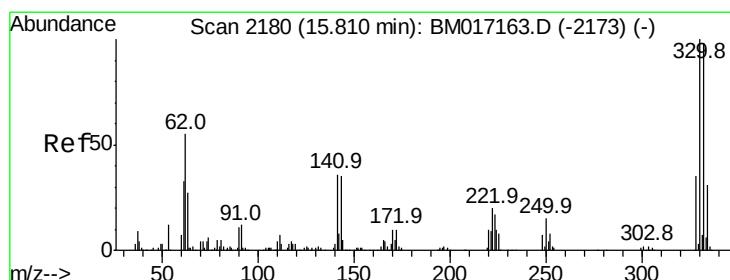
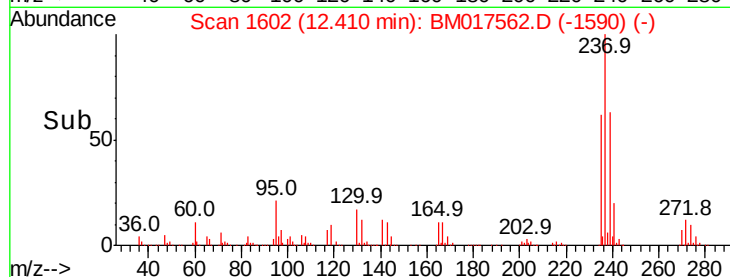
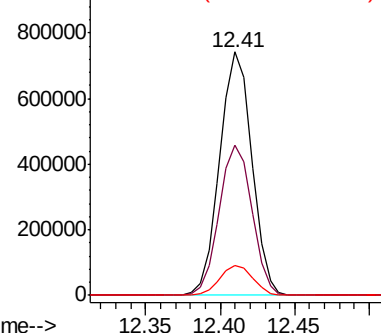
11/9/2018 1:39:12 PM



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: 188.728 ng

RT: 15.77 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

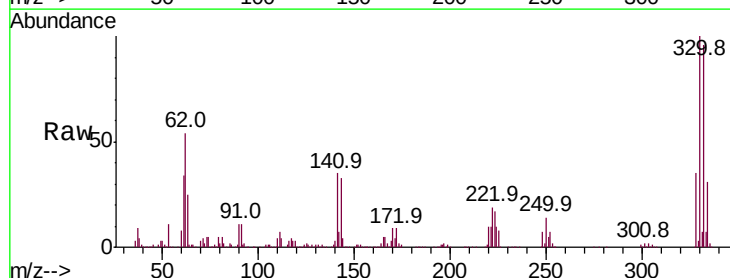
Tgt Ion:330 Resp: 1599141

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

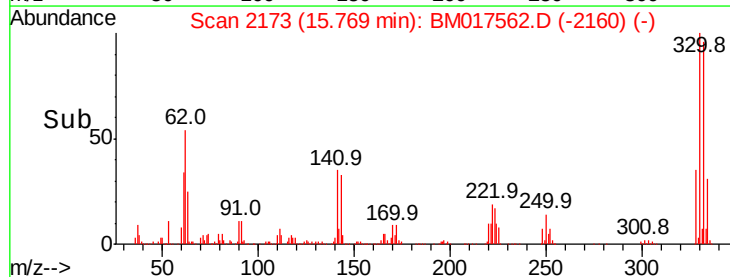
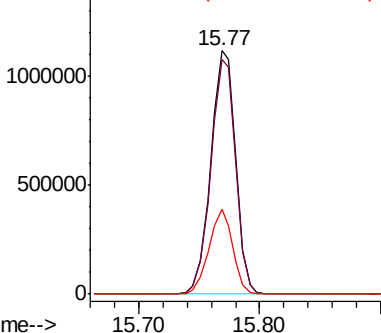
141 33.2 27.4 41.0

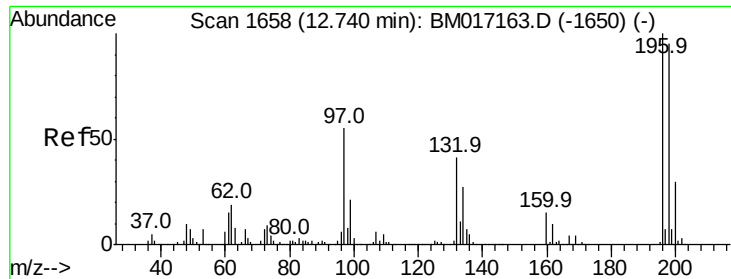


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





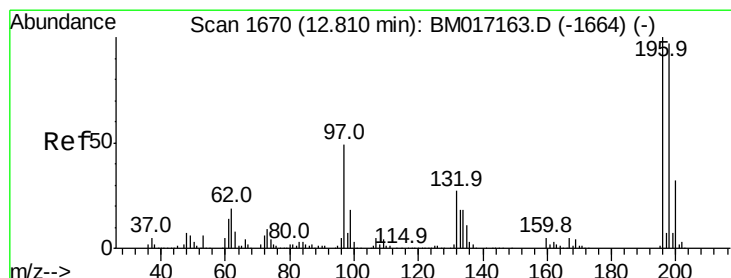
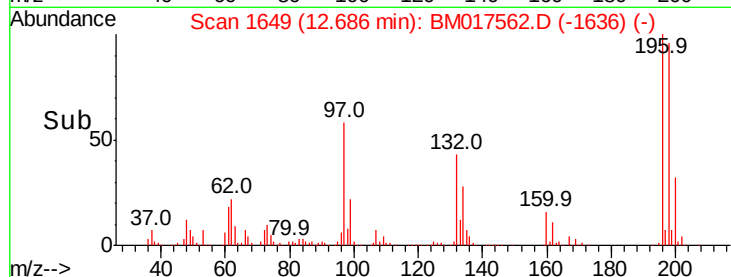
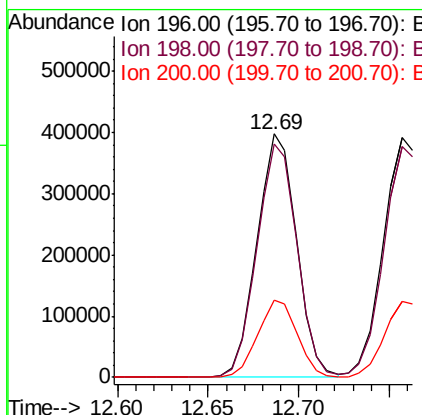
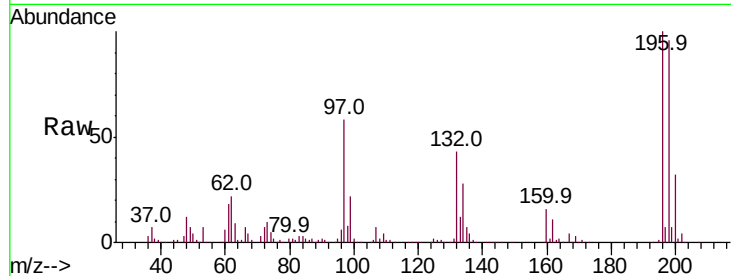
#43
 2,4,6-Trichlorophenol
 Concen: 47.051 ng
 RT: 12.69 min Scan# 1649
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Instrument :
 BNA_M
 ClientSampled :
 PB114586BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	602671		
198	95.7	77.1	115.7	
200	31.7	25.0	37.4	

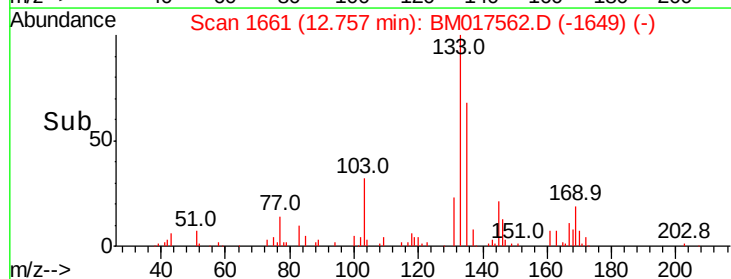
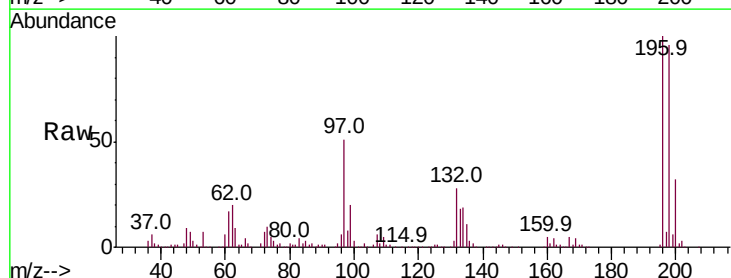
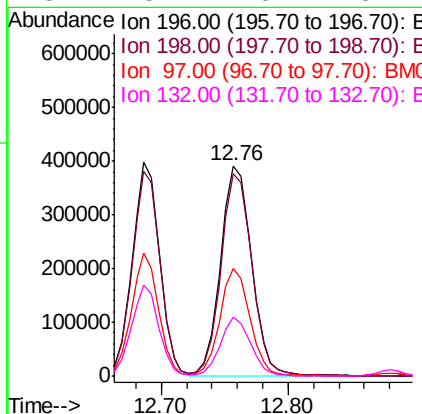
Manual Integrations
 APPROVED

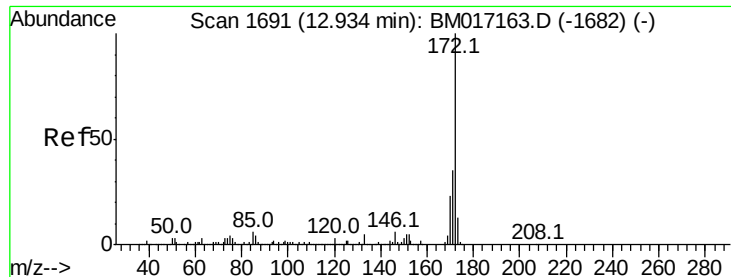
Sohil
 11/9/2018 1:39:12 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.924 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.03 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	658253		
198	96.3	76.6	115.0	
97	51.1	35.5	53.3	
132	28.1	20.7	31.1	





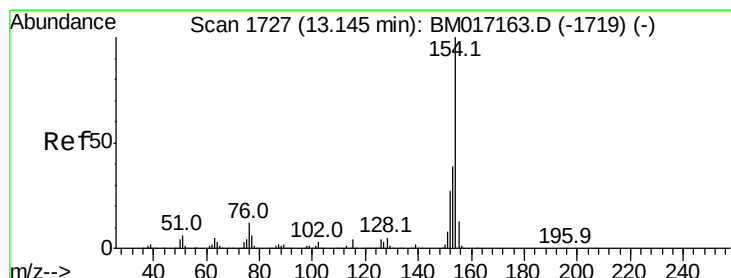
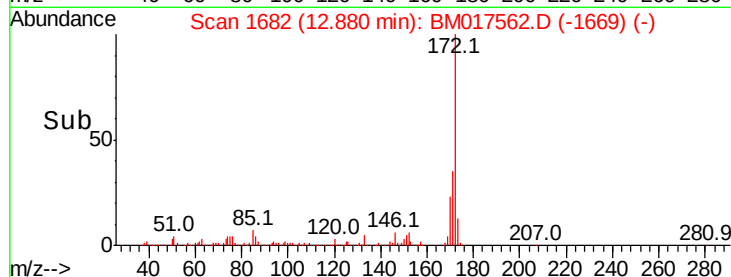
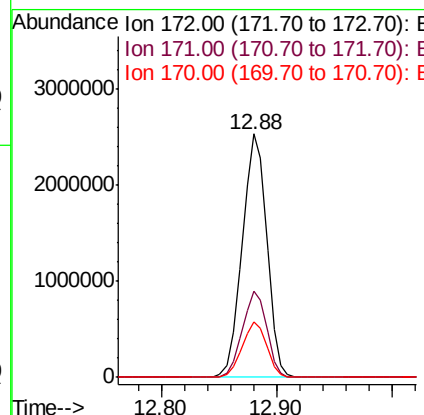
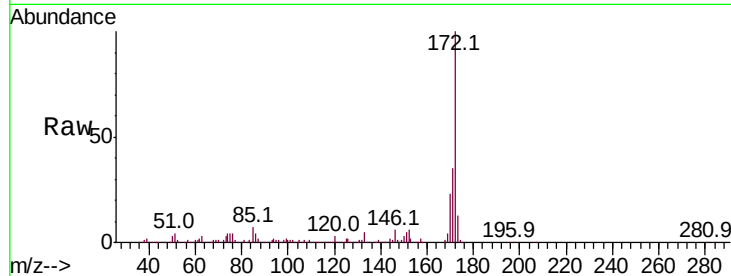
#45
2-Fluorobiphenyl
Concen: 79.224 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion:172 Resp: 3730687
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.7 18.3 27.5

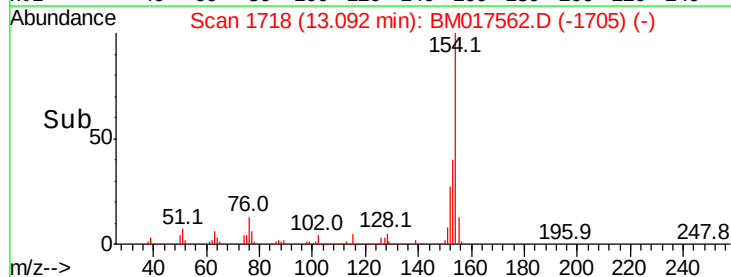
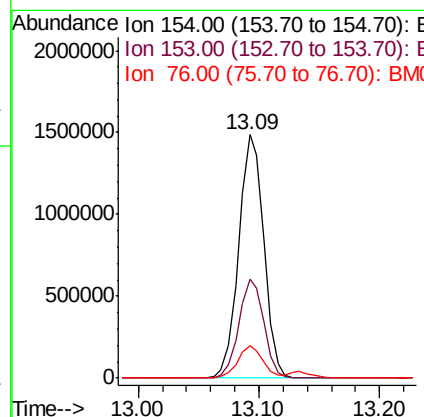
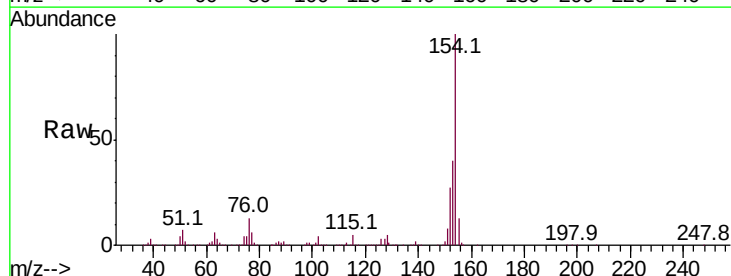
Manual Integrations
APPROVED

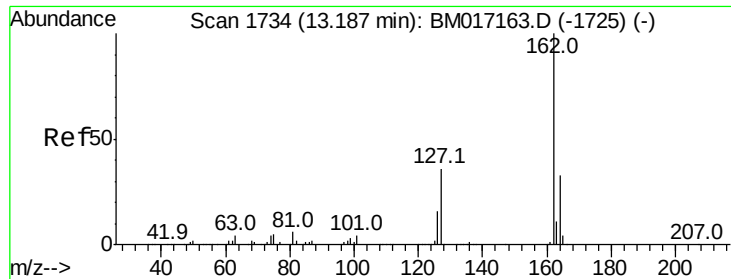
Sohil
11/9/2018 1:39:12 PM



#46
1,1'-Biphenyl
Concen: 38.089 ng
RT: 13.09 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion:154 Resp: 2147579
Ion Ratio Lower Upper
154 100
153 40.5 20.5 60.5
76 13.1 0.0 31.8





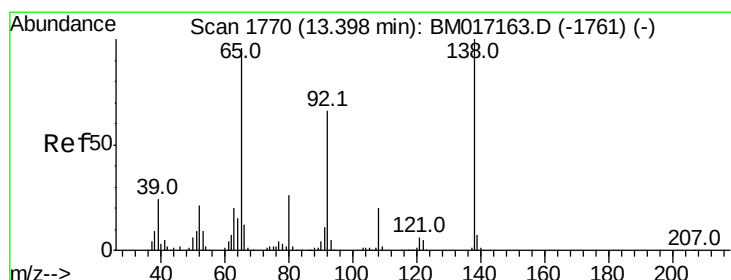
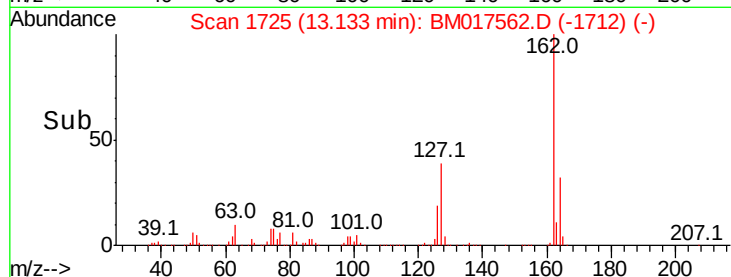
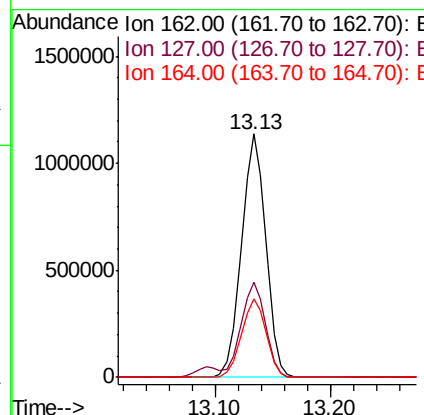
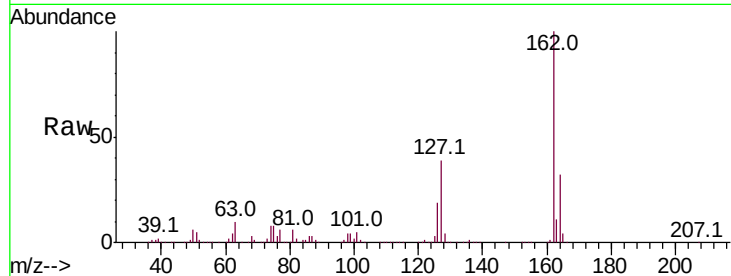
#47
2-Chloronaphthalene
Concen: 39.813 ng
RT: 13.13 min Scan# 1725
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.0	46.4
164	32.4	26.6	39.8

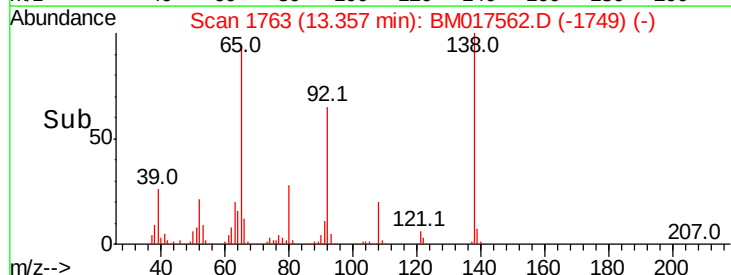
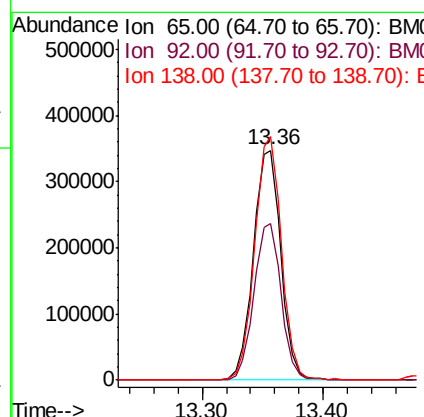
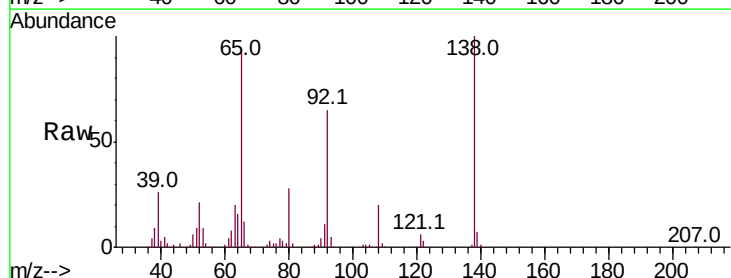
Manual Integrations
APPROVED

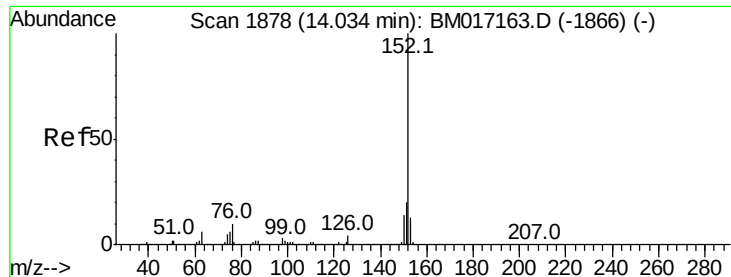
Sohil
11/9/2018 1:39:12 PM



#48
2-Nitroaniline
Concen: 47.229 ng
RT: 13.36 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.5	54.9	82.3
138	106.1	83.7	125.5





#49

Acenaphthylene

Concen: 46.787 ng

RT: 13.99 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

ClientSampleId :

PB114586BS

Tot Ion:152 Resp: 2813050

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

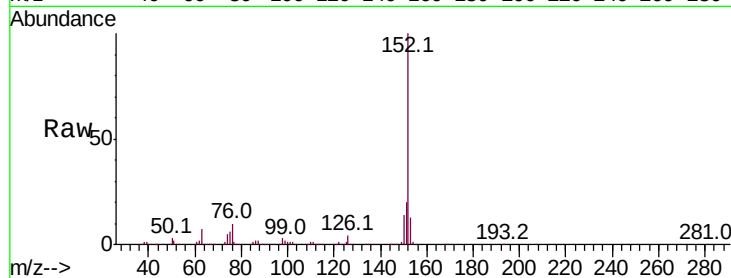
153 13.0 10.4 15.6

Manual Integrations

APPROVED

Sohil

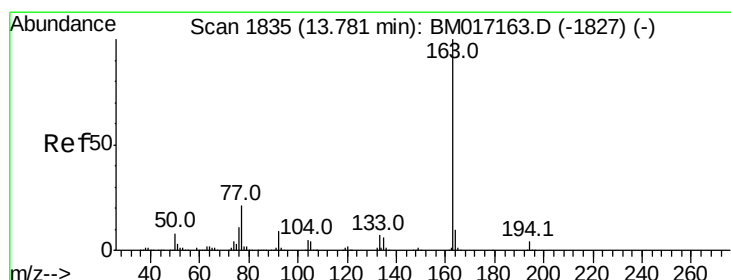
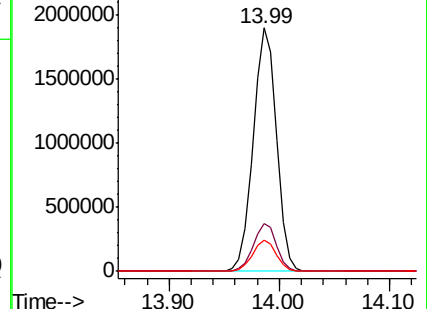
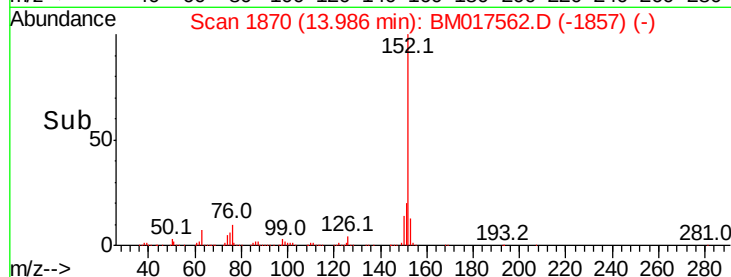
11/9/2018 1:39:12 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.710 ng

RT: 13.74 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

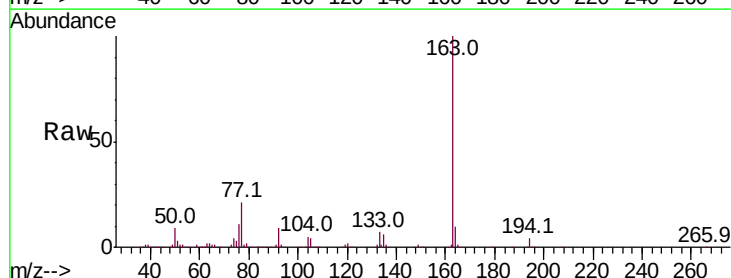
Tgt Ion:163 Resp: 2257942

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

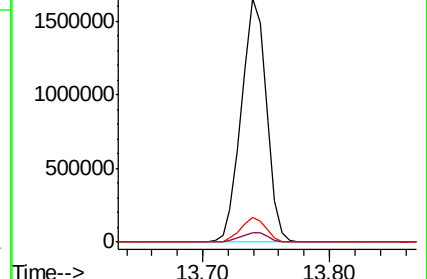
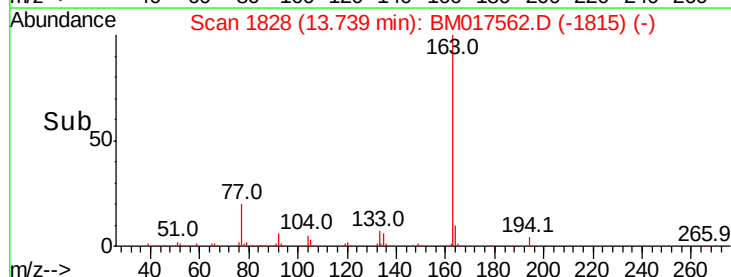
164 10.2 7.8 11.8

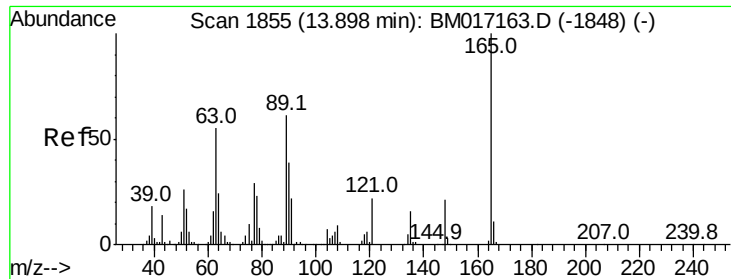


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.420 ng

RT: 13.86 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

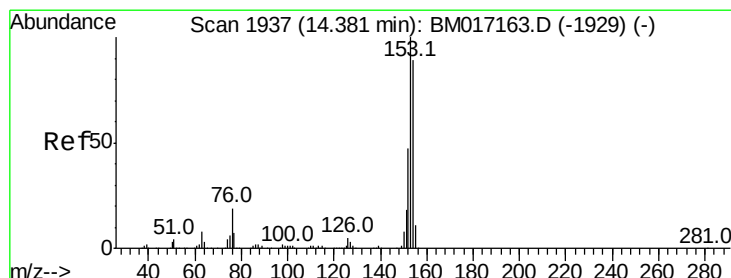
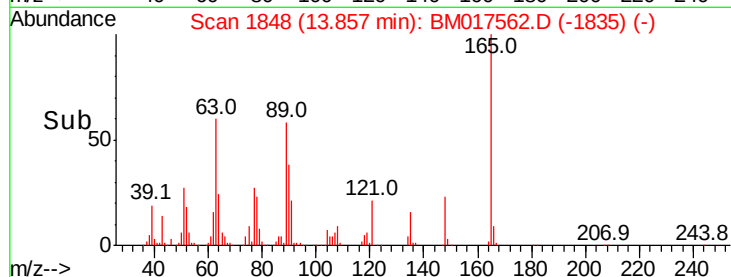
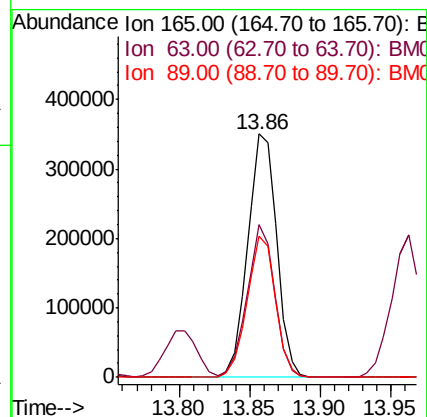
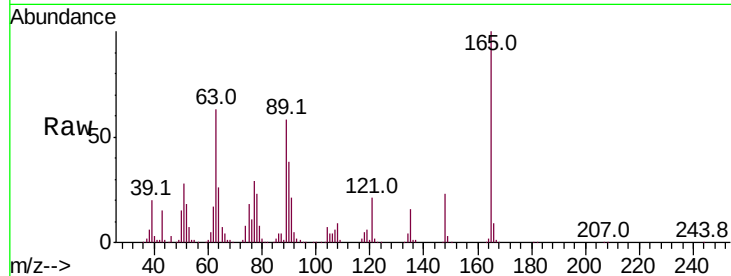
ClientSampleId :

PB114586BS

Tot Ion:	165	Resp:	504509
Ion Ratio	Lower	Upper	
165	100		
63	62.9	42.7	64.1
89	57.7	42.1	63.1

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM



#52

Acenaphthene

Concen: 43.102 ng

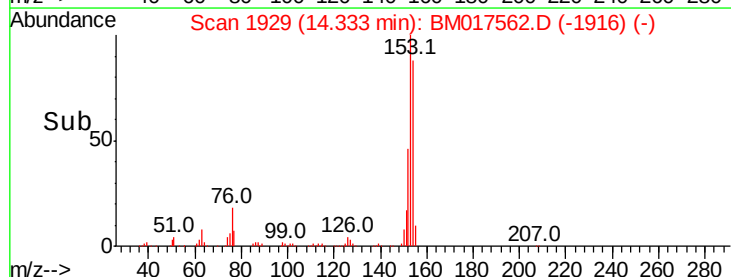
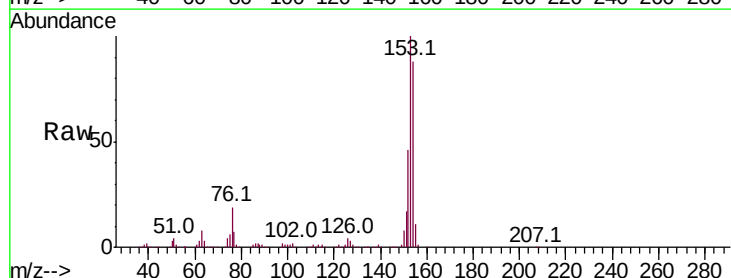
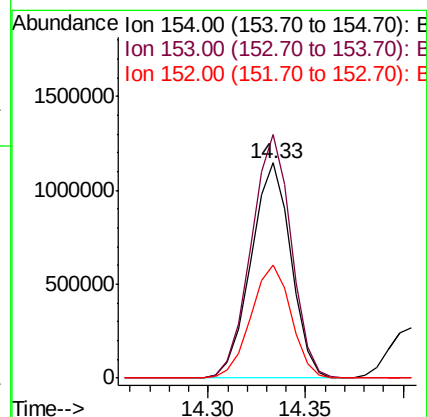
RT: 14.33 min Scan# 1929

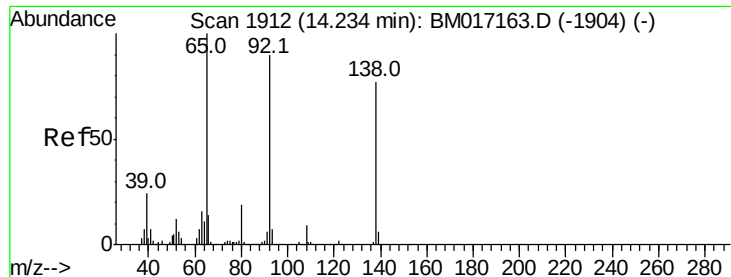
Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Tgt Ion:	154	Resp:	1627147
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.2	135.2
152	52.6	44.2	66.4





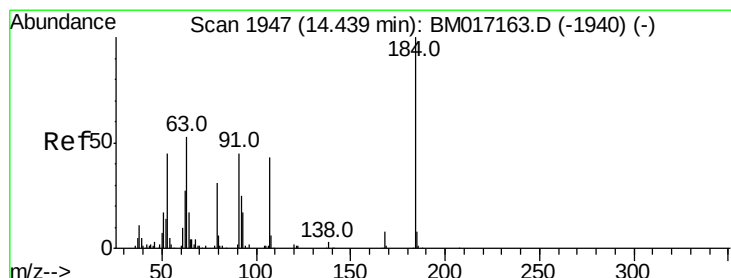
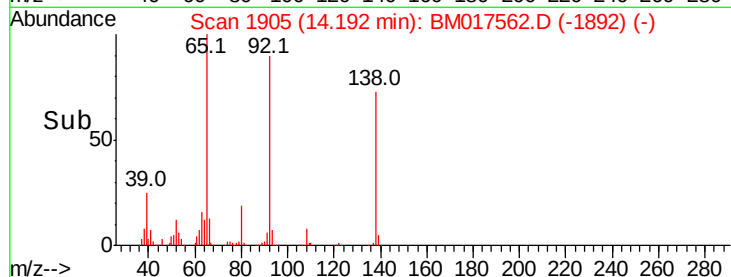
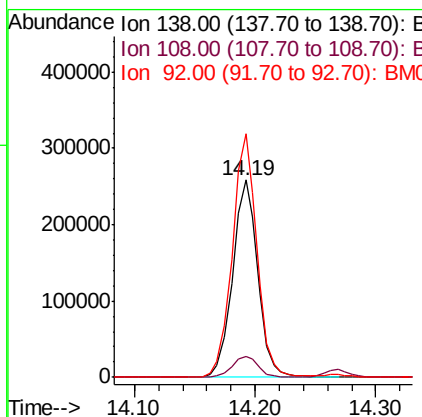
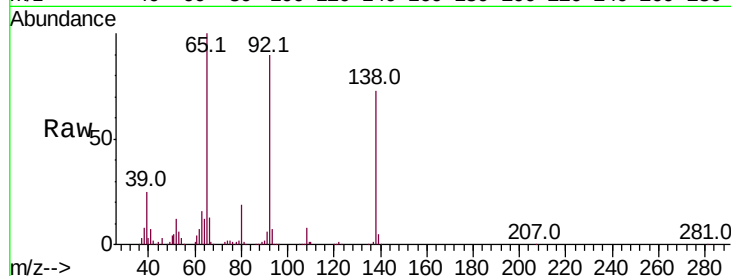
#53
3-Nitroaniline
Concen: 32.653 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.7	13.1
92	123.5	87.9	131.9

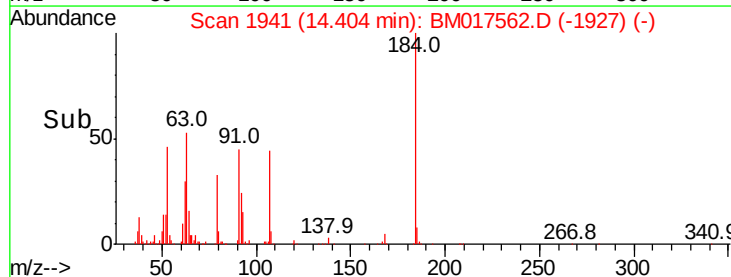
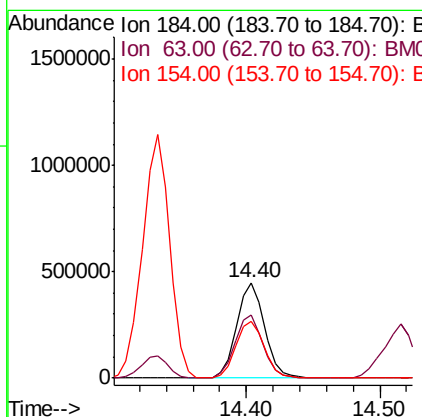
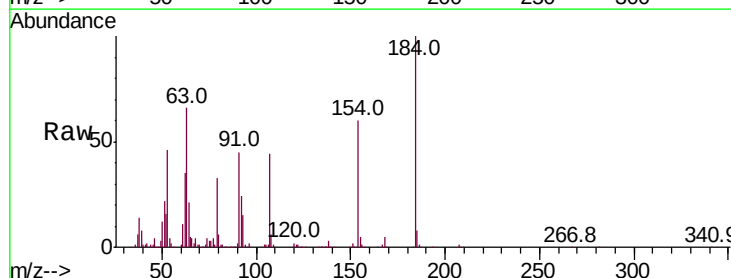
Manual Integrations
APPROVED

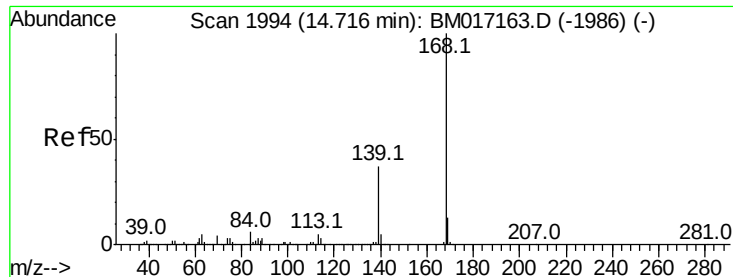
Sohil
11/9/2018 1:39:12 PM



#54
2,4-Dinitrophenol
Concen: 101.353 ng
RT: 14.40 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.2	51.2	76.8
154	60.1	47.8	71.8





#55

Dibenzofuran

Concen: 42.607 ng

RT: 14.67 min Scan# 1986

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

ClientSampleId :

PB114586BS

Tot Ion:168 Resp: 2674775

Ion Ratio Lower Upper

168 100

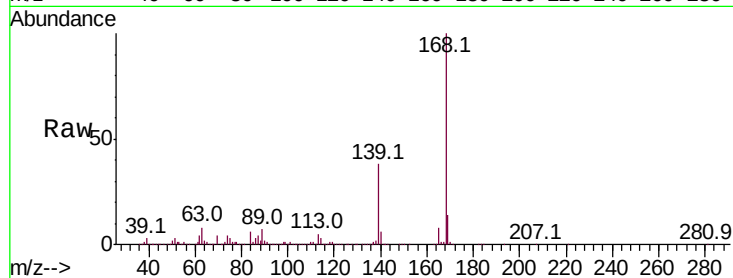
139 37.7 29.3 43.9

169 13.6 10.6 15.8

Manual Integrations
APPROVED

Sohil

11/9/2018 1:39:12 PM

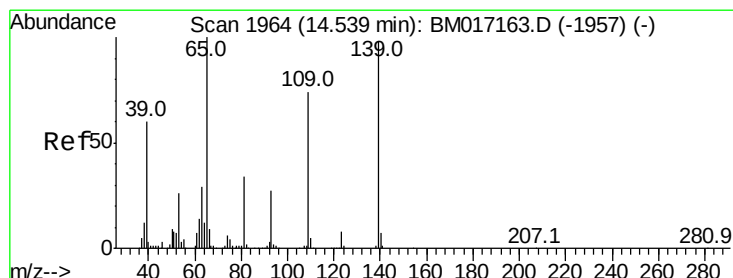
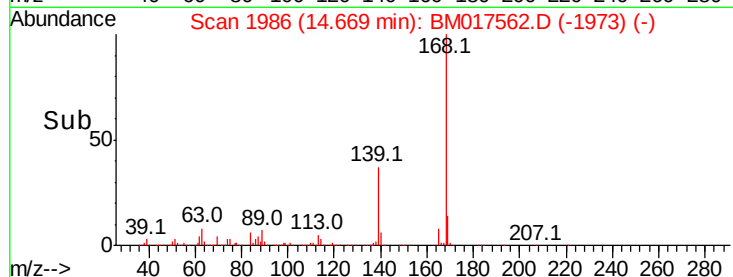
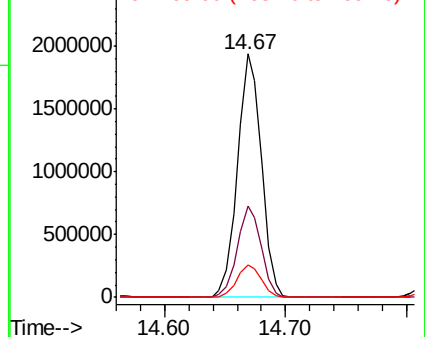


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 117.444 ng

RT: 14.52 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

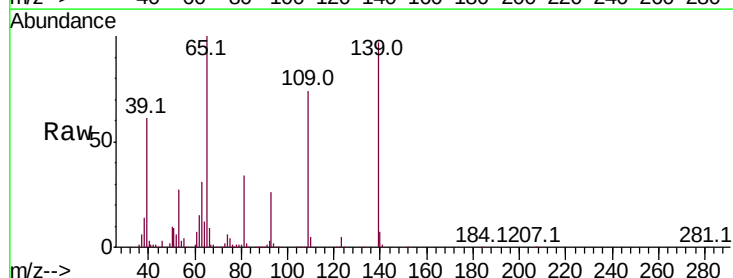
Tgt Ion:139 Resp: 1258007

Ion Ratio Lower Upper

139 100

109 76.2 51.8 91.8

65 103.1 72.1 112.1

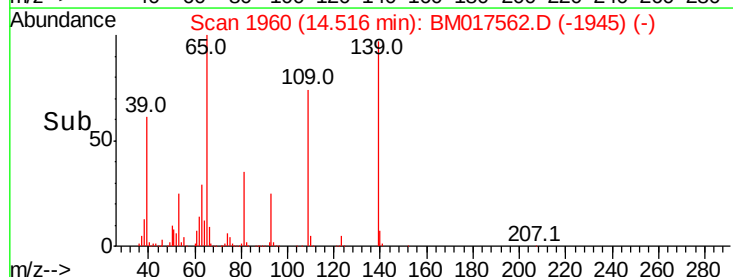
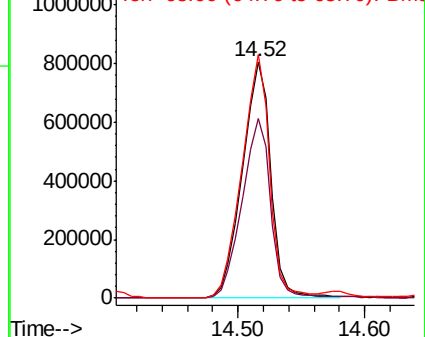


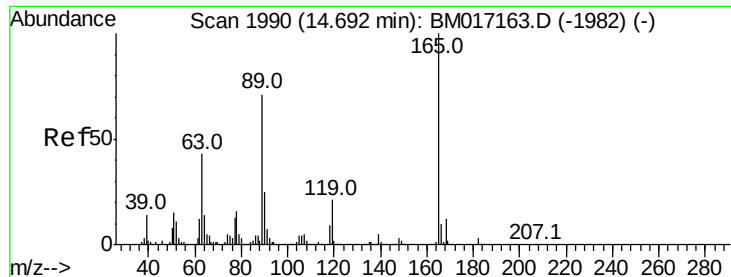
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





#57

2,4-Dinitrotoluene

Concen: 51.305 ng

RT: 14.66 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

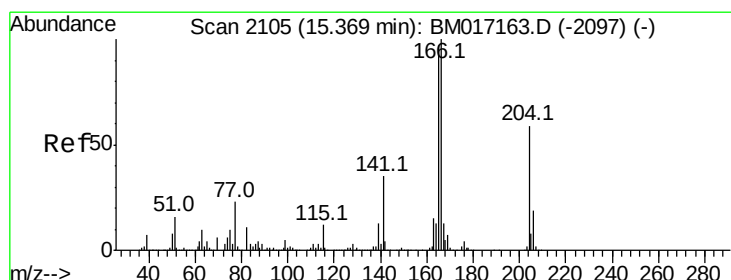
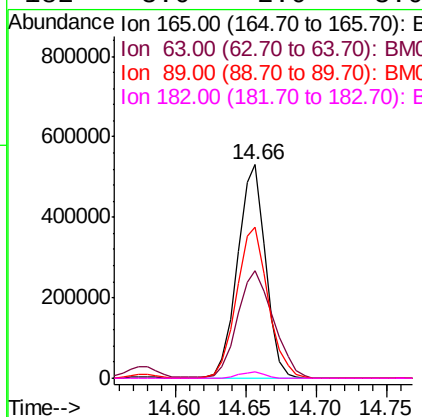
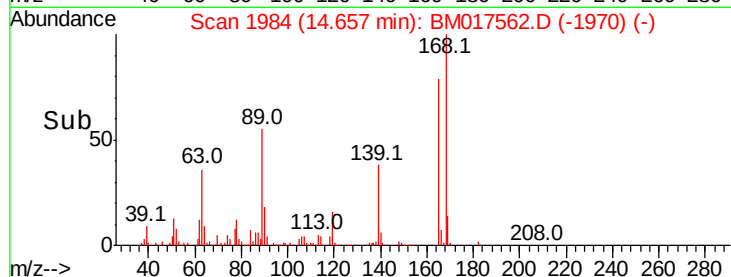
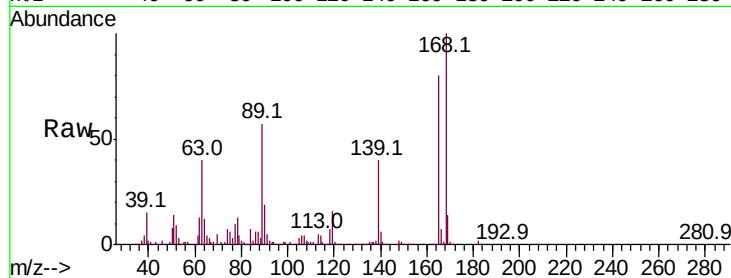
ClientSampleId :

PB114586BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	733643		
63	50.1	33.8	50.8	
89	70.9	53.1	79.7	
182	3.0	2.0	3.0	

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM



#58

Fluorene

Concen: 48.367 ng

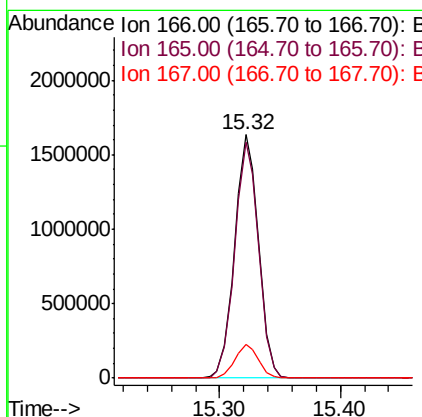
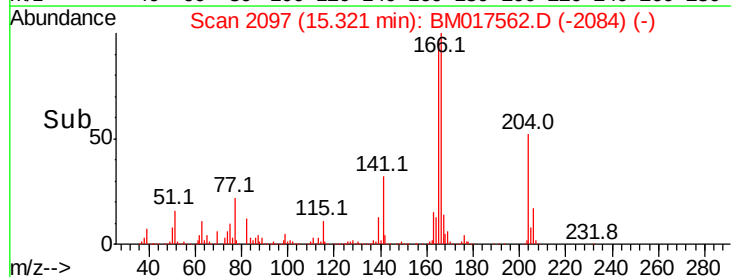
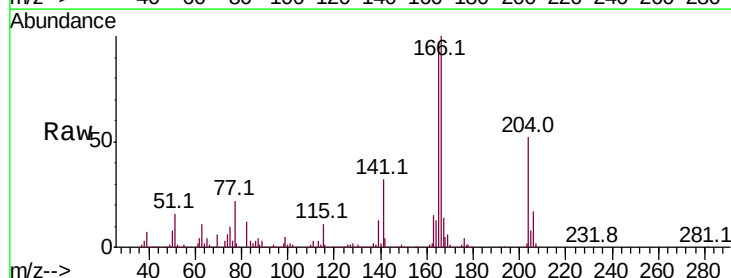
RT: 15.32 min Scan# 2097

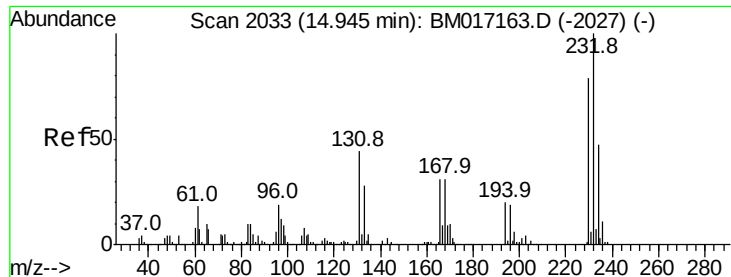
Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2247446		
165	97.1	78.1	117.1	
167	13.6	10.6	16.0	





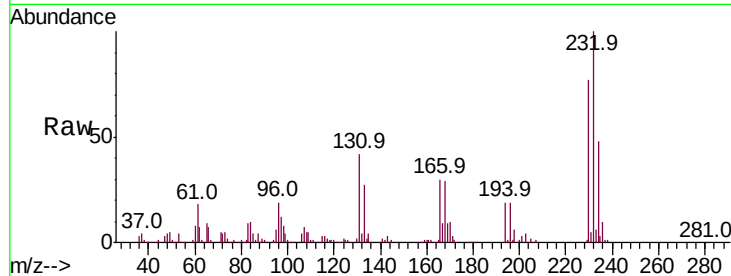
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.662 ng
RT: 14.90 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	45.1	33.1	49.7
130	2.3	1.7	2.5
166	31.6	24.4	36.6

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM



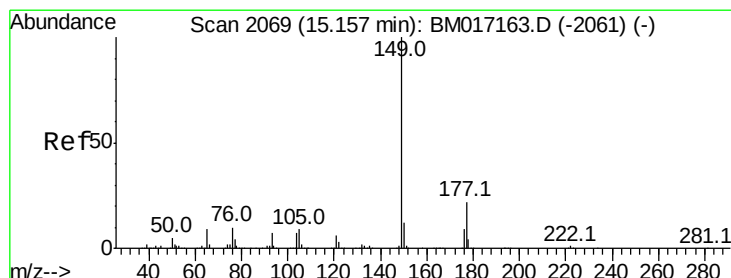
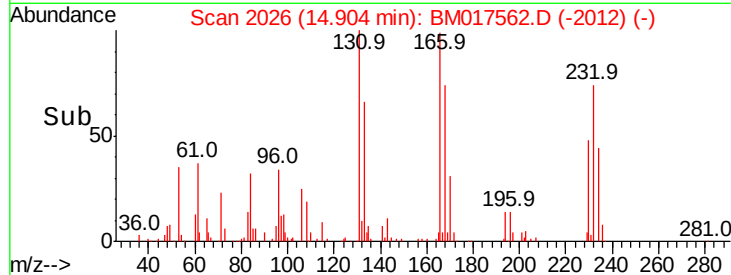
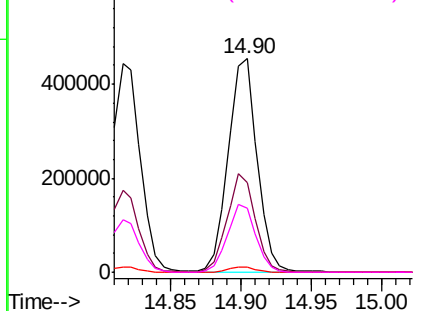
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

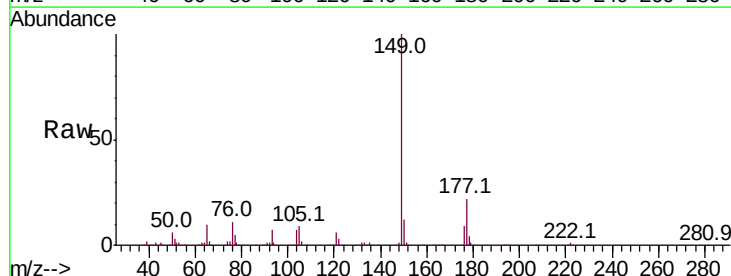
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 50.078 ng
RT: 15.11 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.7	17.7	26.5
150	12.3	10.0	15.0

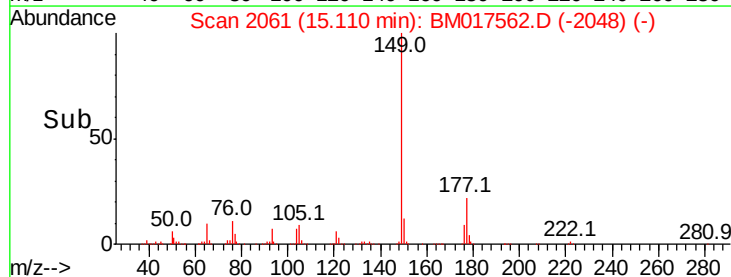
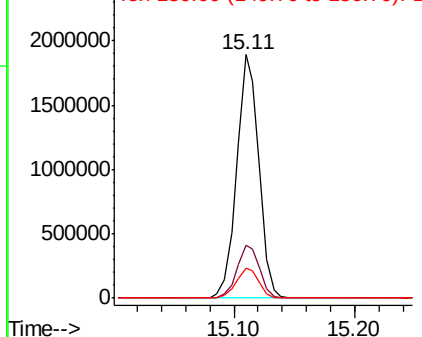


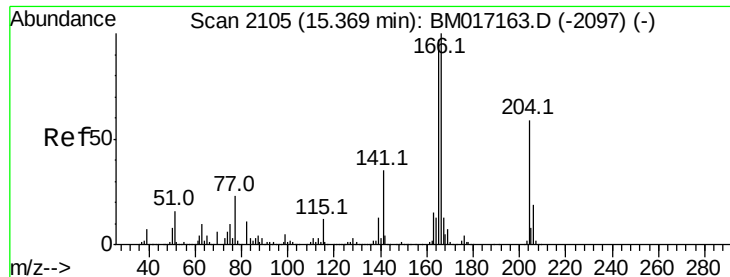
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61
 4-Chlorophenyl-phenylether
 Concen: 42.912 ng
 RT: 15.32 min Scan# 2097
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

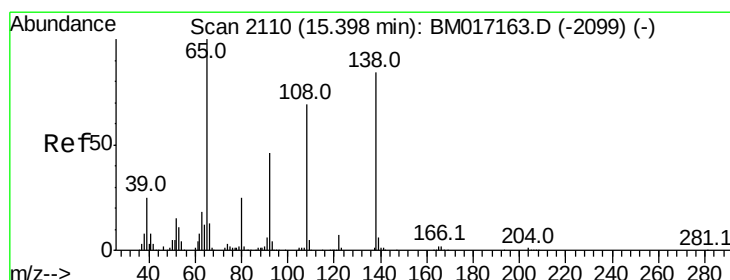
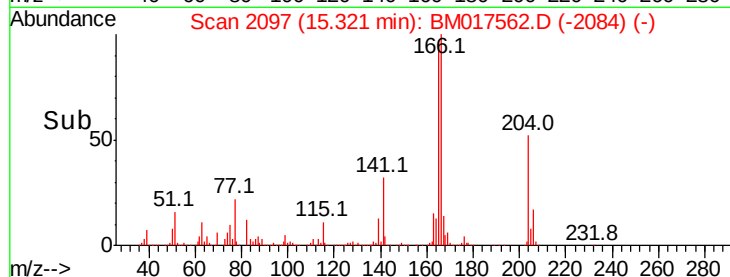
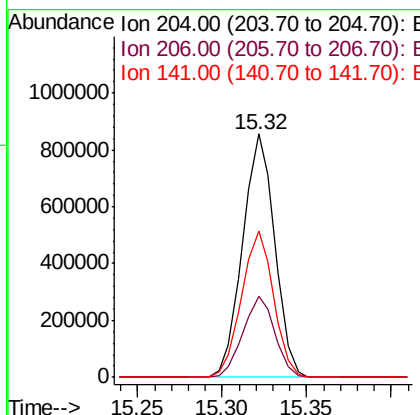
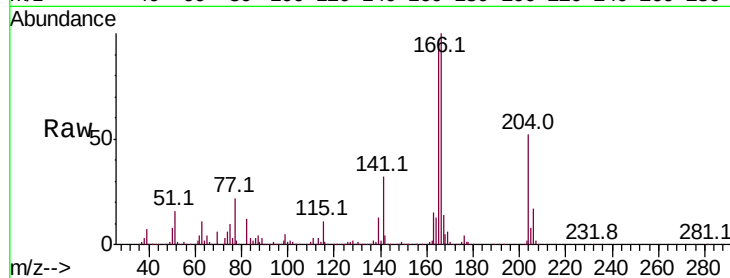
Instrument :
 BNA_M
 ClientSampleID :
 PB114586BS

Tot Ion:204 Resp: 1136762

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.1	39.1
141	60.2	45.4	68.2

Manual Integrations
 APPROVED

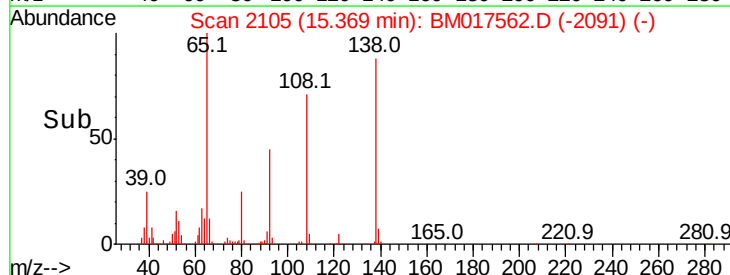
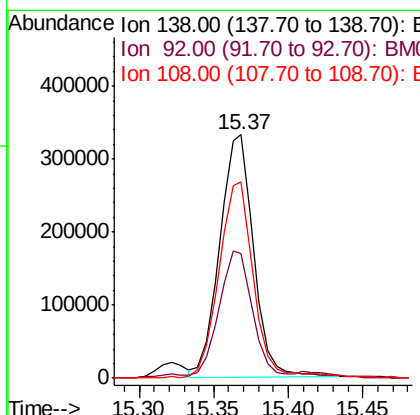
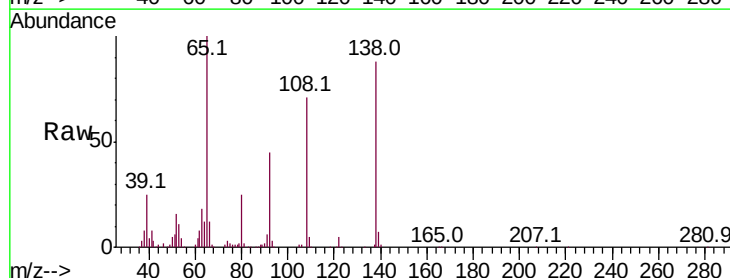
Sohil
 11/9/2018 1:39:12 PM

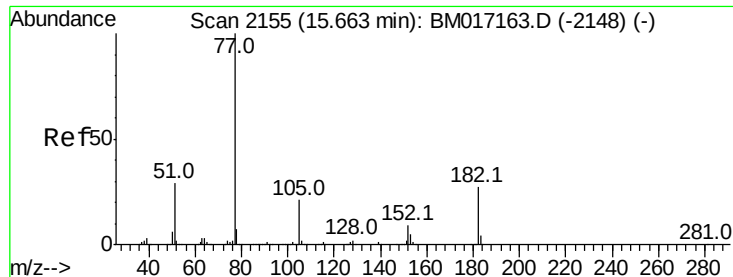


#62
 4-Nitroaniline
 Concen: 41.682 ng
 RT: 15.37 min Scan# 2105
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Tgt Ion:138 Resp: 527073

Ion	Ratio	Lower	Upper
138	100		
92	50.9	31.2	71.2
108	80.6	55.5	95.5





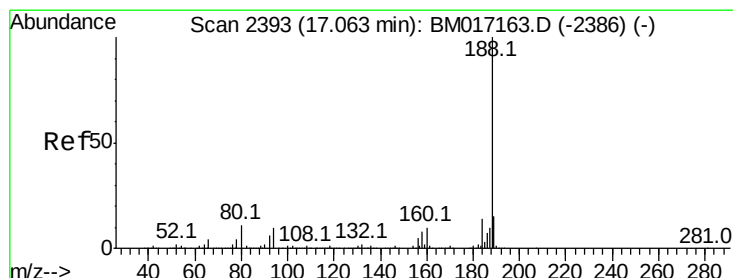
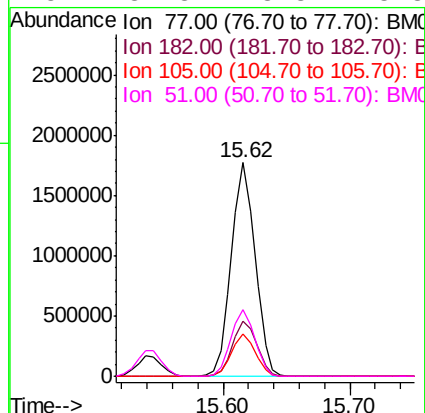
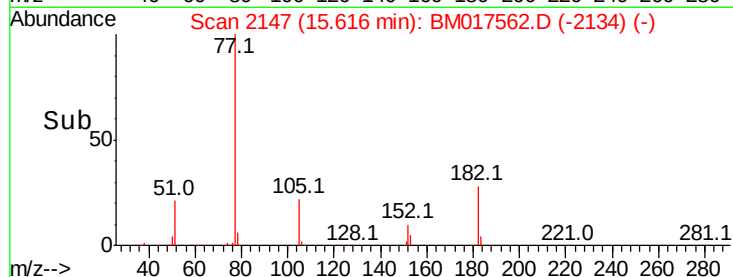
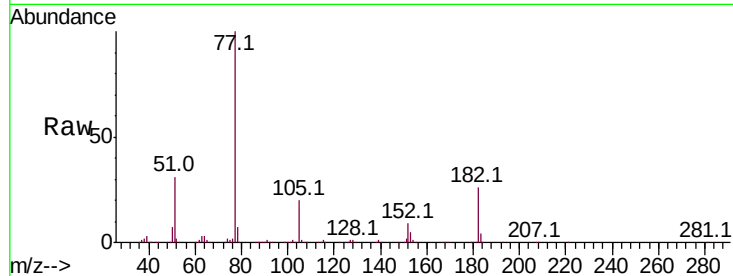
#63
Azobenzene
Concen: 49.240 ng
RT: 15.62 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.6	8.3	48.3	
105	19.7	1.5	41.5	
51	31.3	8.8	48.8	

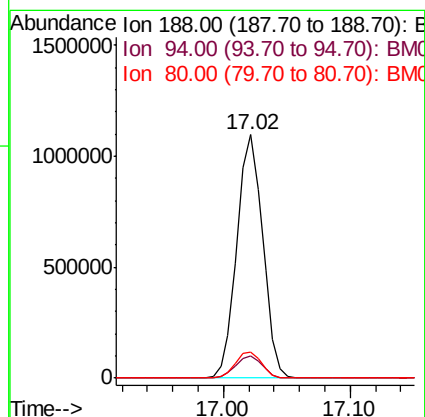
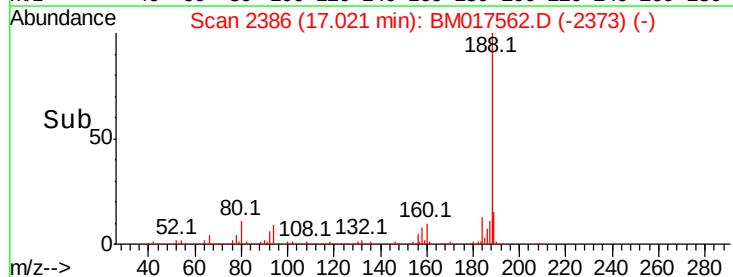
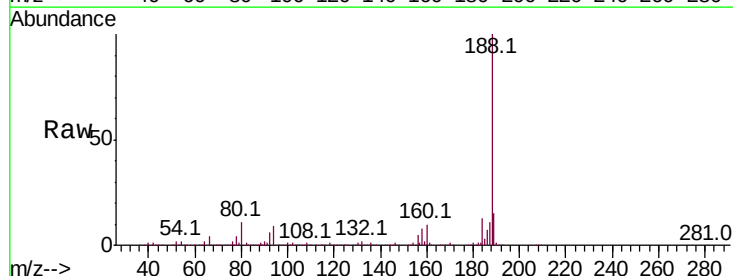
Manual Integrations
APPROVED

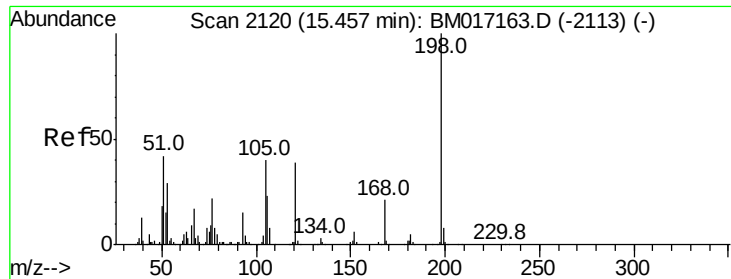
Sohil
11/9/2018 1:39:12 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	7.0	10.4	
80	10.5	7.7	11.5	





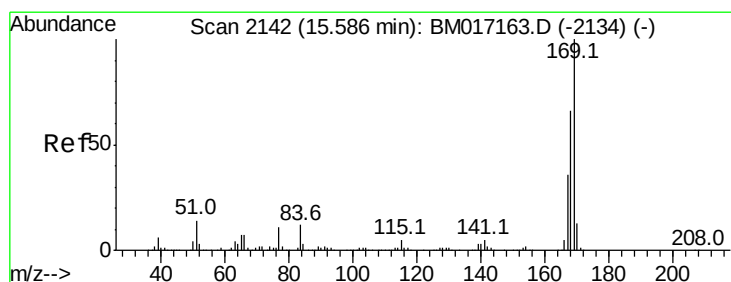
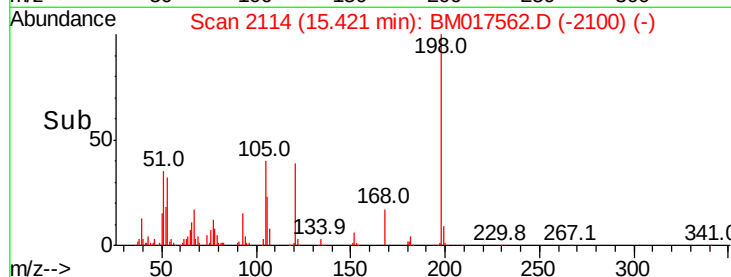
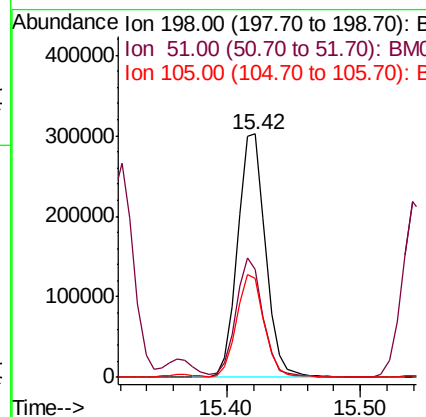
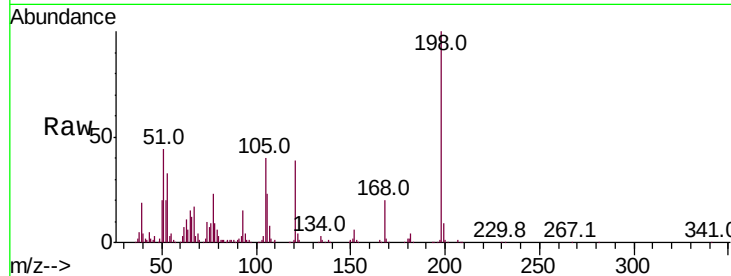
#65
4,6-Dinitro-2-methylphenol
Concen: 45.034 ng
RT: 15.42 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.4	20.3	60.3
105	40.4	21.9	61.9

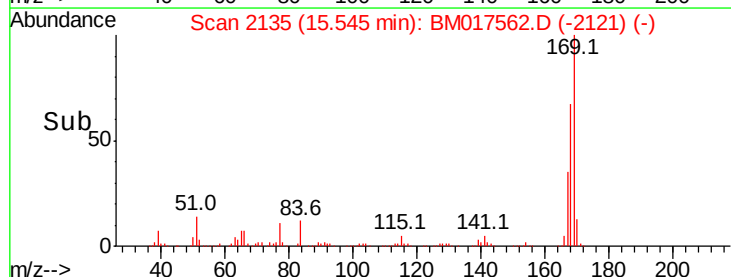
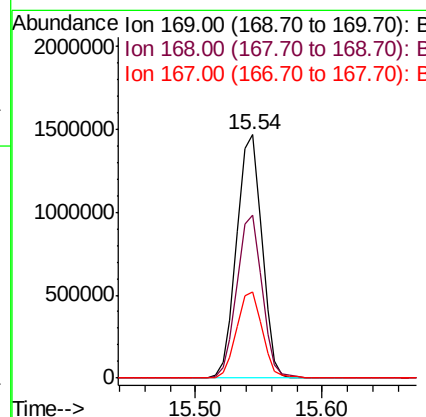
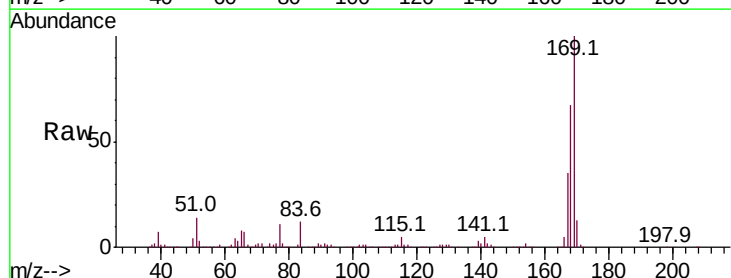
Manual Integrations
APPROVED

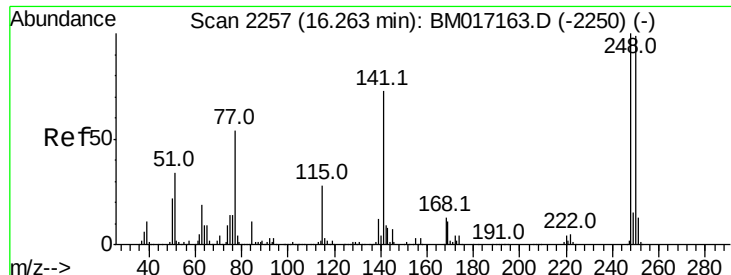
Sohil
11/9/2018 1:39:12 PM



#66
n-Nitrosodiphenylamine
Concen: 43.057 ng
RT: 15.54 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	52.2	78.4
167	35.4	28.4	42.6





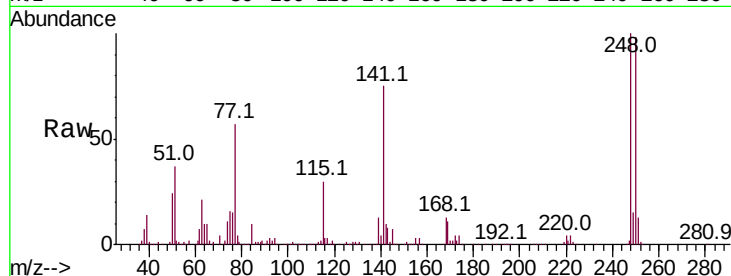
#67
 4-Bromophenyl-phenylether
 Concen: 43.928 ng
 RT: 16.22 min Scan# 2249
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114586BS

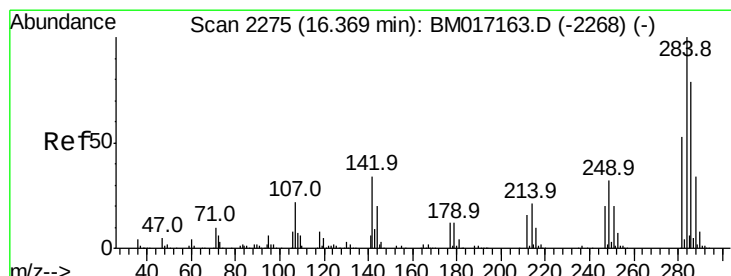
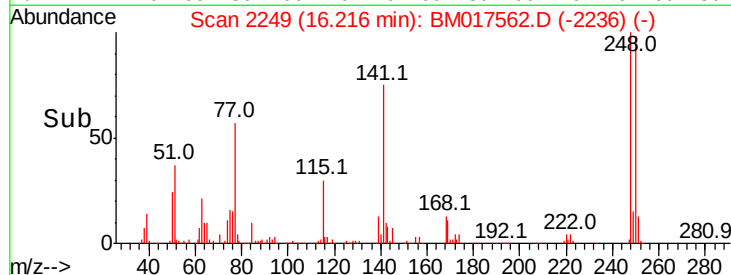
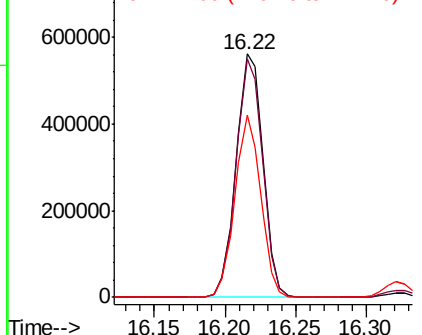
Tot Ion:	248	Resp:	746306
Ion Ratio	Lower	Upper	
248	100		
250	97.9	75.1	112.7
141	74.7	55.6	83.4

Manual Integrations
 APPROVED

Sohil
 11/9/2018 1:39:12 PM

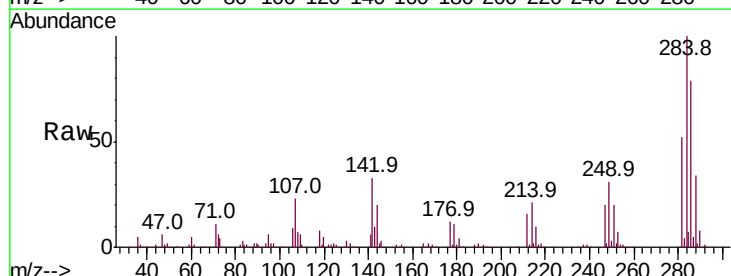


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

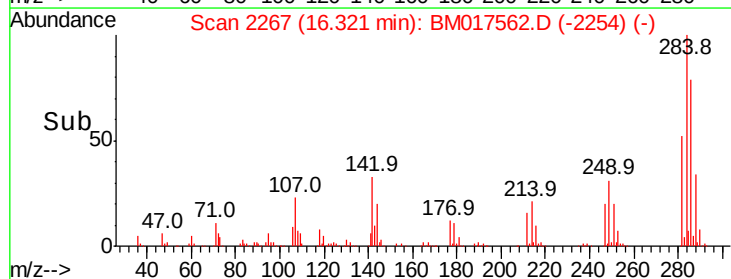
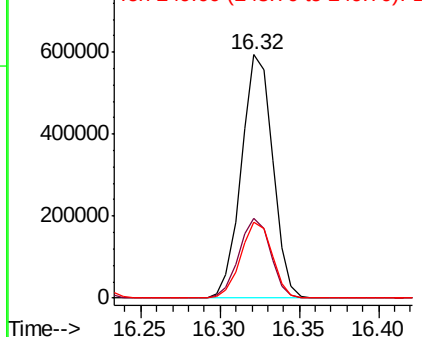


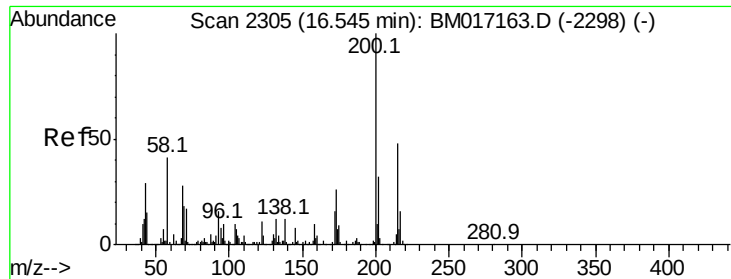
#68
 Hexachlorobenzene
 Concen: 41.415 ng
 RT: 16.32 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Tgt Ion:	284	Resp:	817304
Ion Ratio	Lower	Upper	
284	100		
142	32.7	25.0	37.6
249	31.3	25.5	38.3



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 47.554 ng

RT: 16.50 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

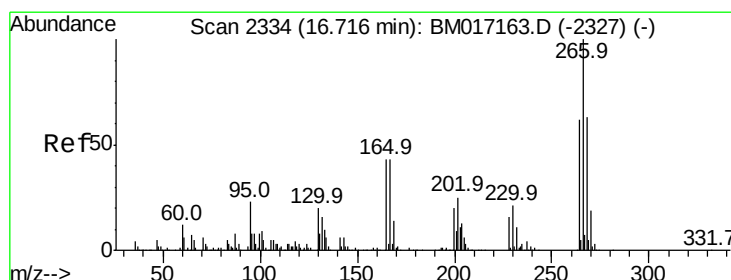
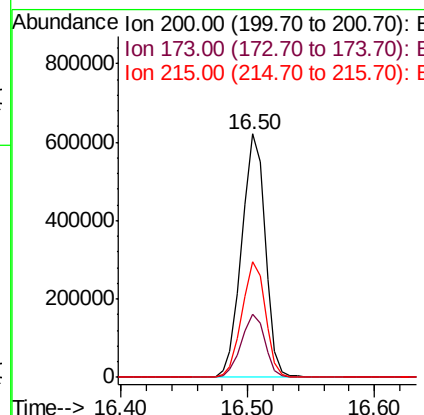
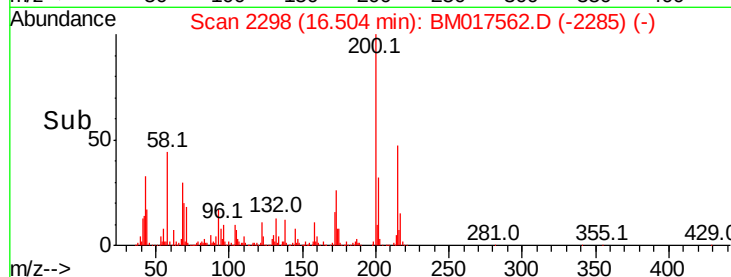
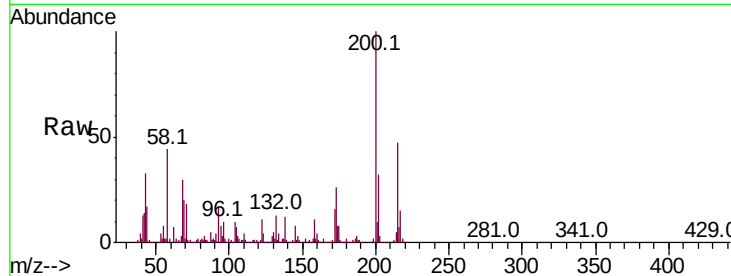
ClientSampleId :

PB114586BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	7.0	47.0
215	47.4	27.3	67.3

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM



#70

Pentachlorophenol

Concen: 79.388 ng

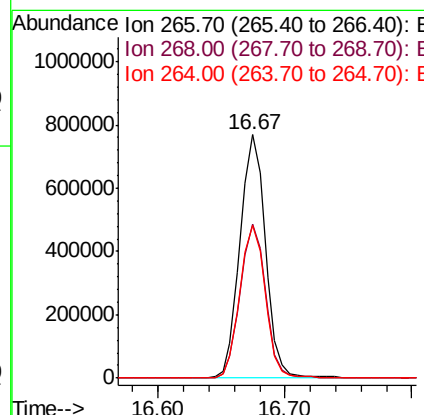
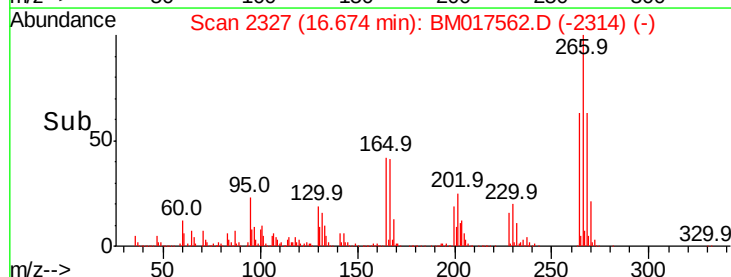
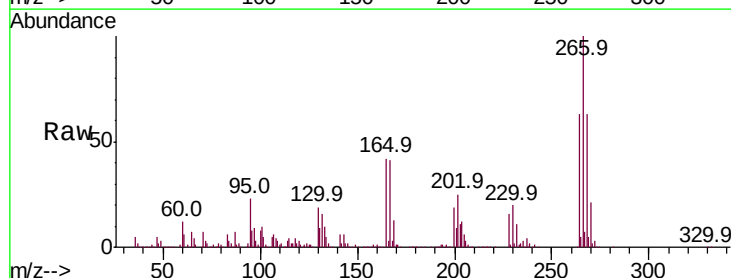
RT: 16.67 min Scan# 2327

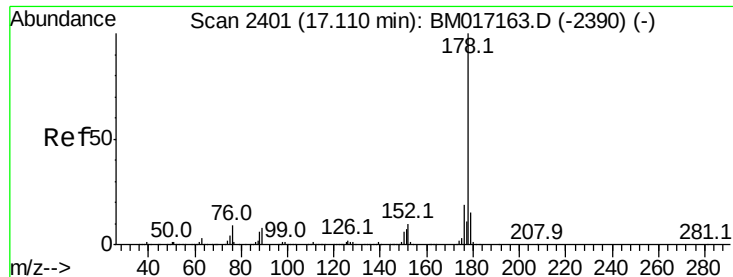
Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.7	76.1
264	62.9	50.4	75.6





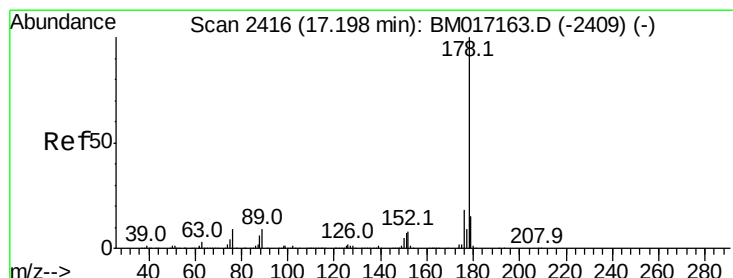
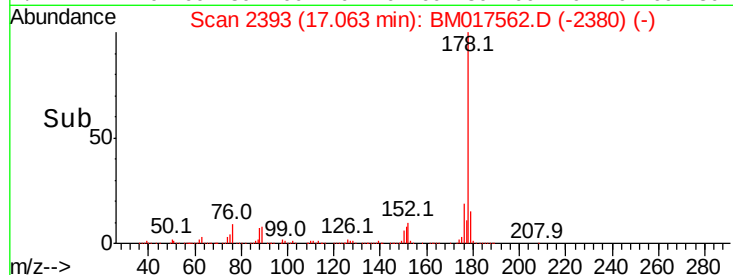
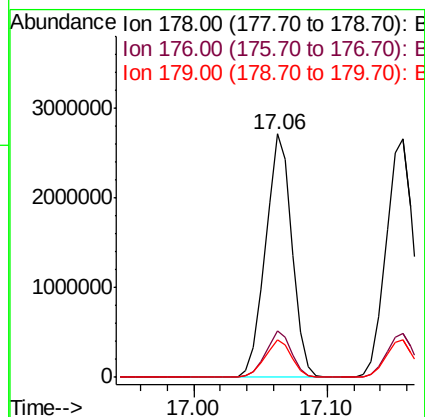
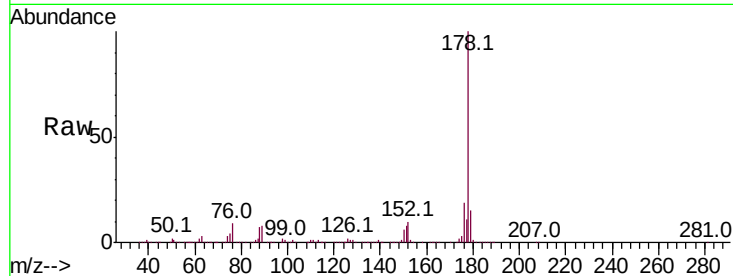
#71
Phenanthrene
Concen: 44.443 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion:178 Resp: 3710102
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.4 12.3 18.5

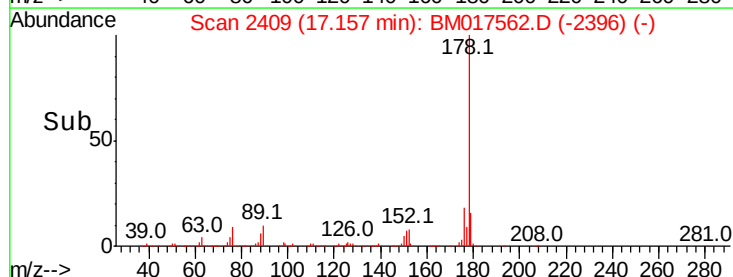
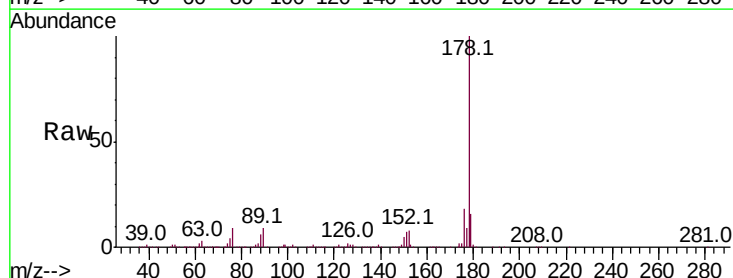
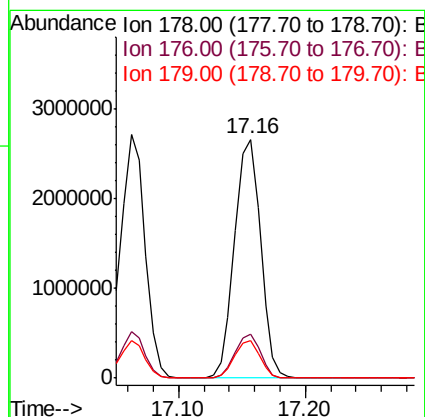
Manual Integrations
APPROVED

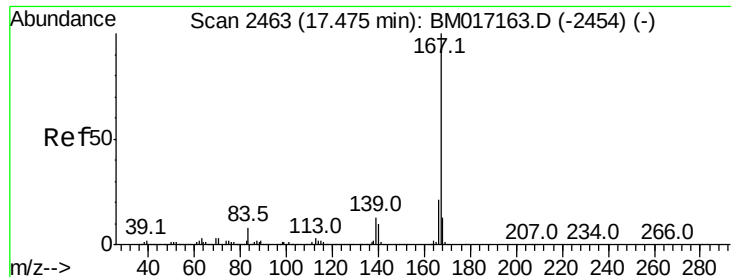
Sohil
11/9/2018 1:39:12 PM



#72
Anthracene
Concen: 47.745 ng
RT: 17.16 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion:178 Resp: 3787233
Ion Ratio Lower Upper
178 100
176 18.2 14.5 21.7
179 15.5 12.2 18.2





#73
 Carbazole
 Concen: 43.401 ng
 RT: 17.43 min Scan# 2456
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

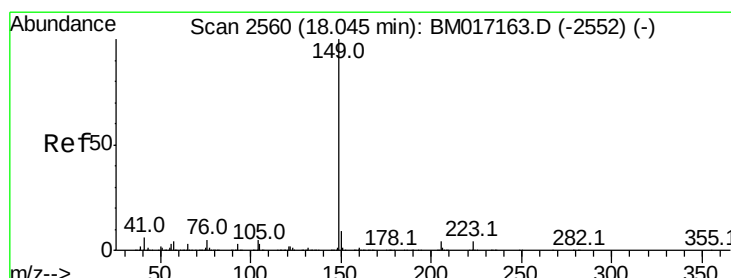
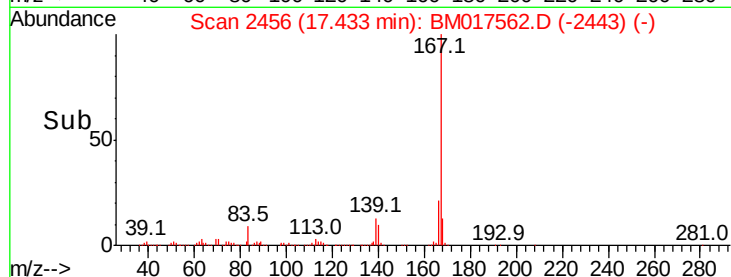
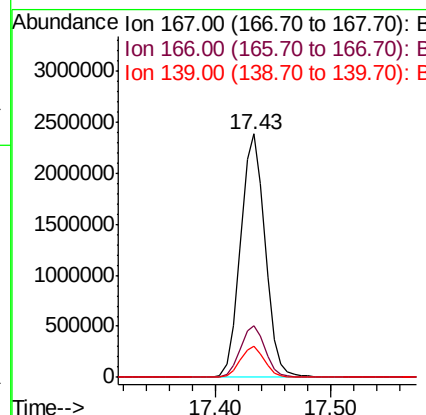
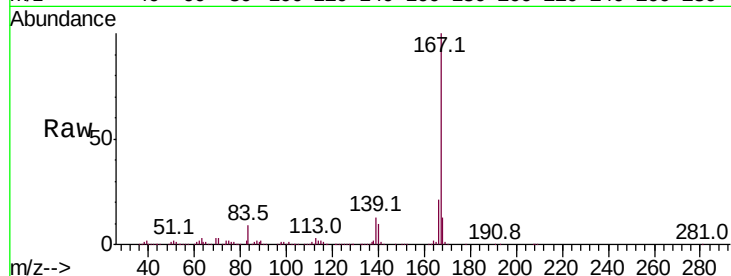
Instrument :
 BNA_M
 ClientSampleId :
 PB114586BS

Tot Ion:167 Resp: 3516640

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.6	10.1	15.1

Manual Integrations
 APPROVED

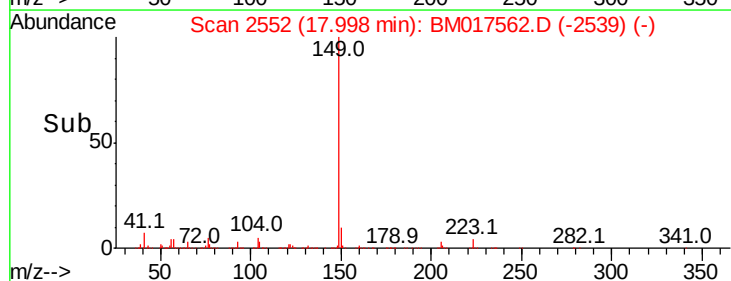
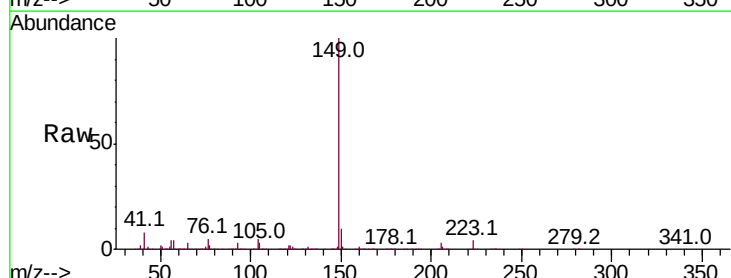
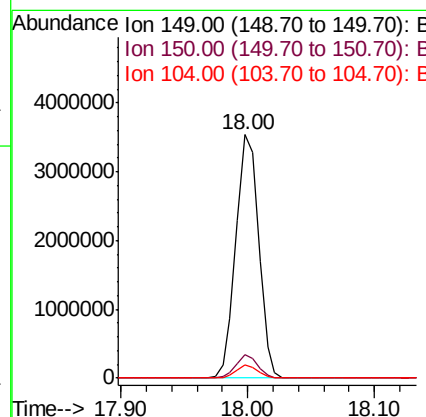
Sohil
 11/9/2018 1:39:12 PM

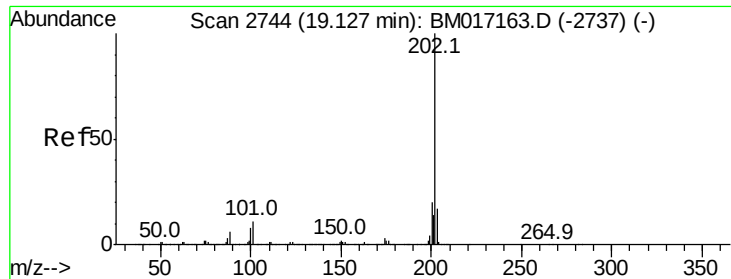


#74
 Di-n-butylphthalate
 Concen: 51.455 ng
 RT: 18.00 min Scan# 2552
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Tgt Ion:149 Resp: 4397386

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.0
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 48.353 ng

RT: 19.09 min Scan# 2737

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

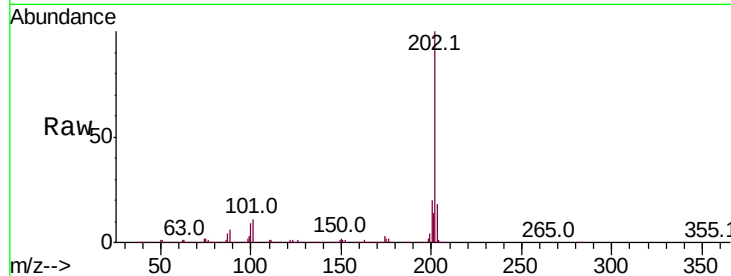
ClientSampleId :

PB114586BS

Tot Ion:	202	Resp:	4542195
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.0
203	17.6	0.0	37.2

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM

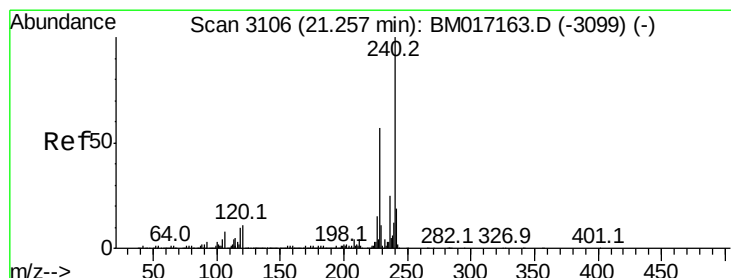
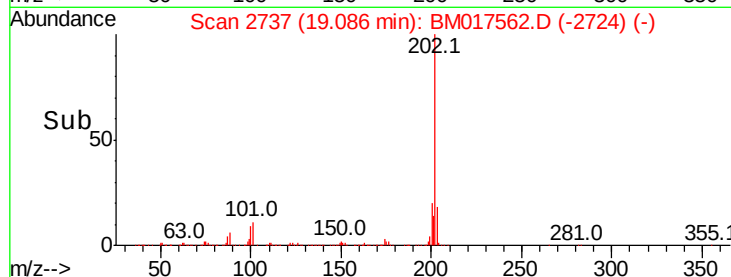
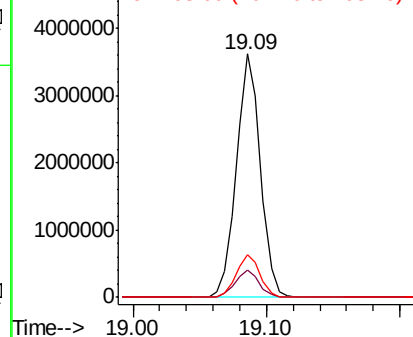


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

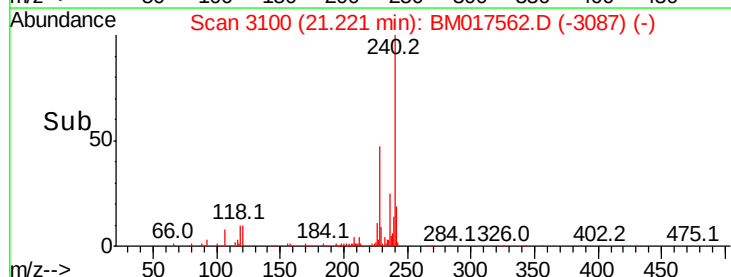
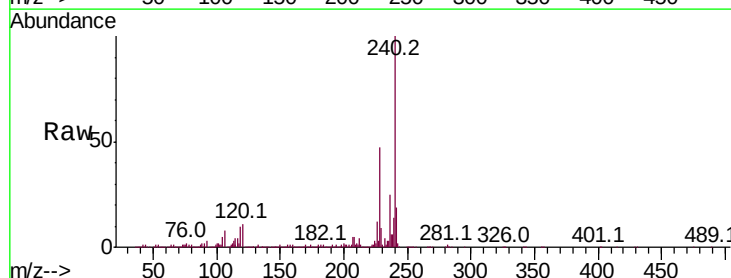
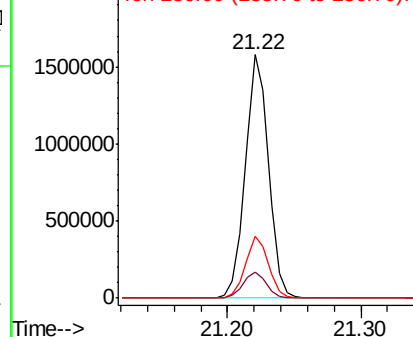
Tgt Ion:	240	Resp:	1880577
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.1	12.1
236	25.4	19.9	29.9

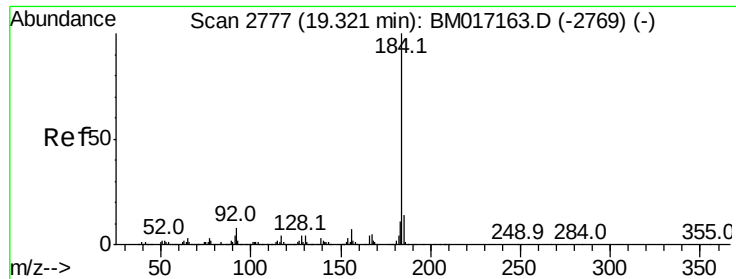
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.899 ng

RT: 19.29 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

ClientSampleId :

PB114586BS

Tot Ion:184 Resp: 3285460

Ion Ratio Lower Upper

184 100

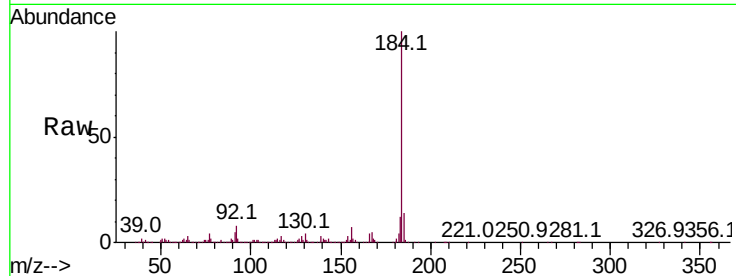
185 14.1 11.8 17.8

183 11.7 9.7 14.5

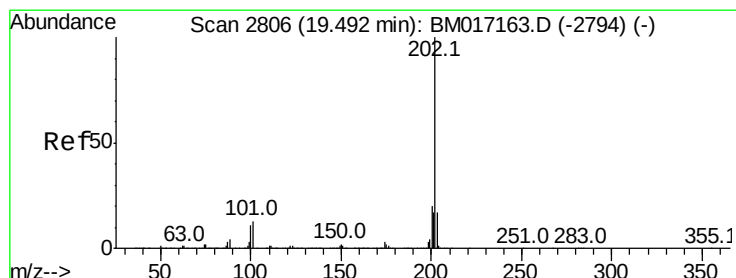
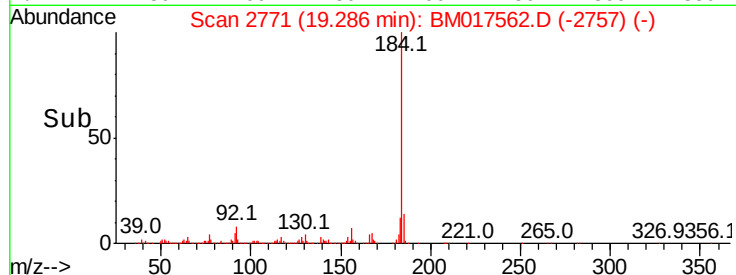
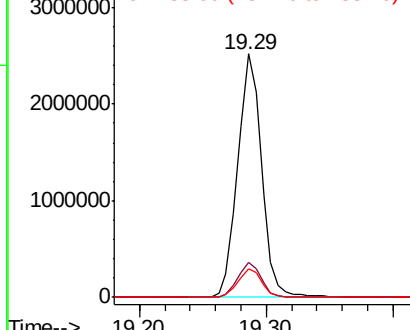
Manual Integrations
APPROVED

Sohil

11/9/2018 1:39:12 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: 43.993 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

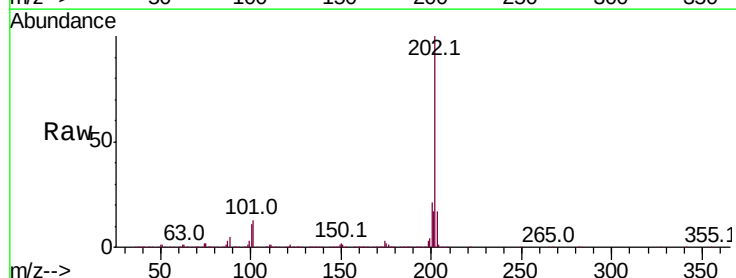
Tgt Ion:202 Resp: 4623978

Ion Ratio Lower Upper

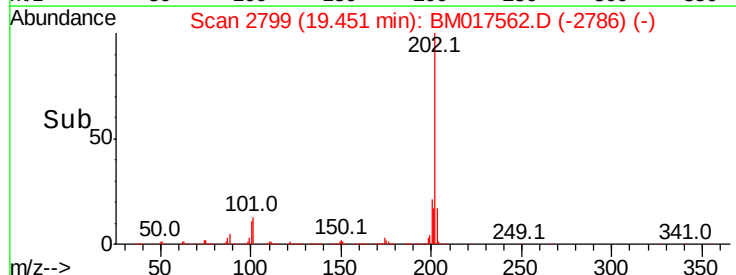
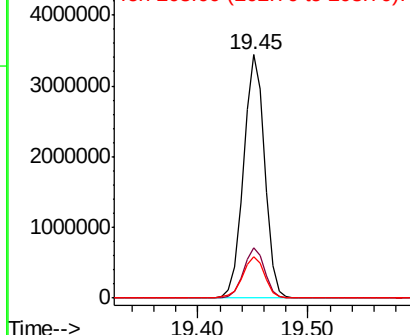
202 100

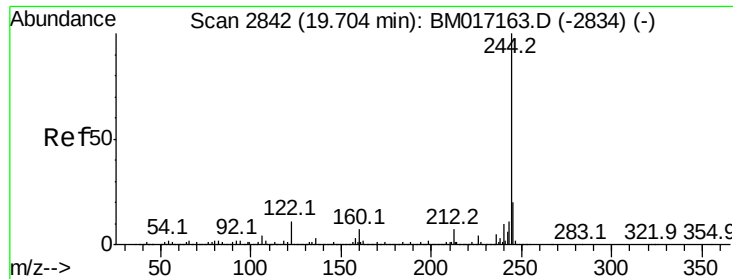
200 20.7 16.3 24.5

203 17.2 13.9 20.9



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





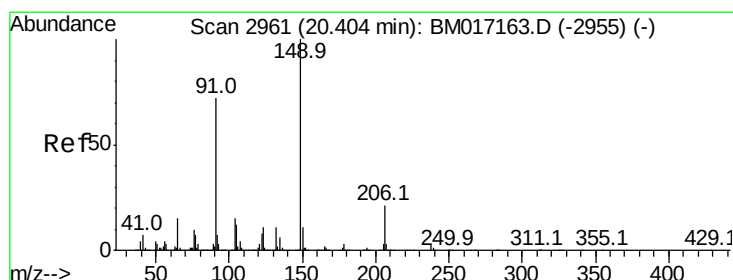
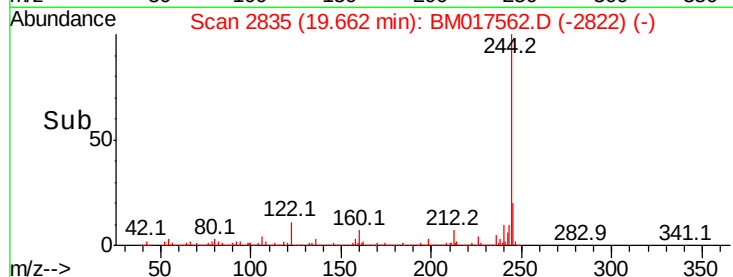
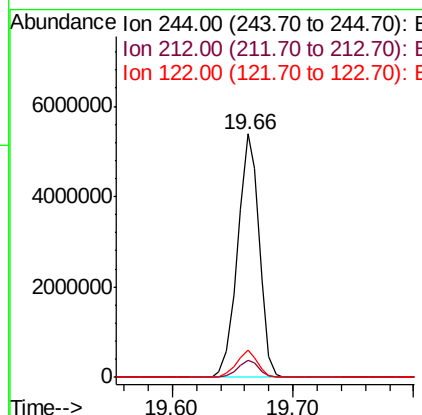
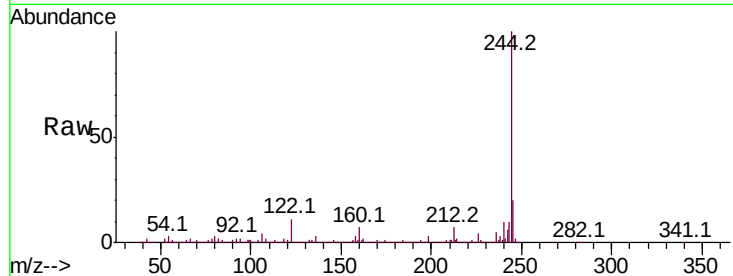
#79
 Terphenyl-d14
 Concen: 80.340 ng
 RT: 19.66 min Scan# 2835
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114586BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	11.3	8.4	12.6

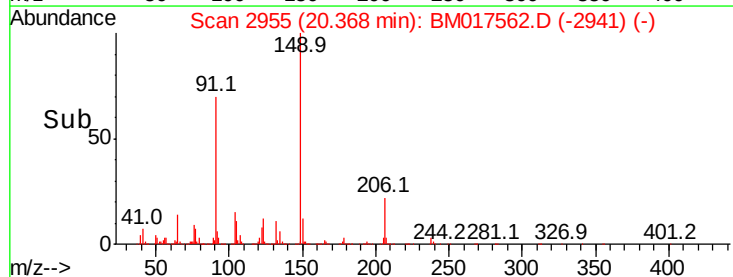
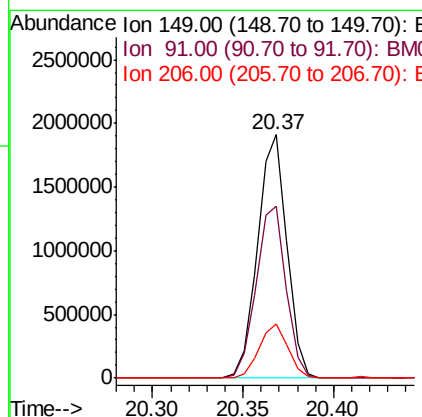
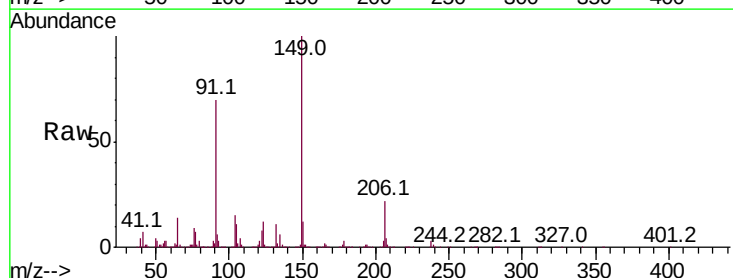
Manual Integrations
 APPROVED

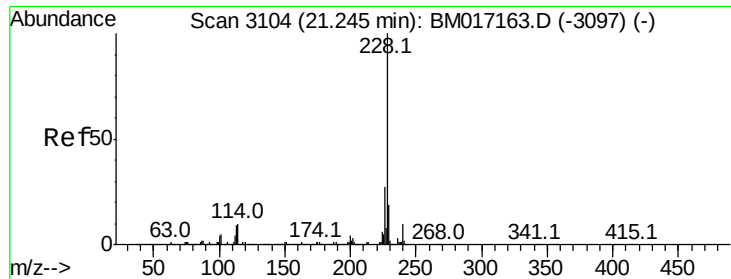
Sohil
 11/9/2018 1:39:12 PM



#80
 Butylbenzylphthalate
 Concen: 52.712 ng
 RT: 20.37 min Scan# 2955
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.4	51.3	76.9
206	22.3	18.0	27.0





#81

Benzo(a)anthracene

Concen: 45.996 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

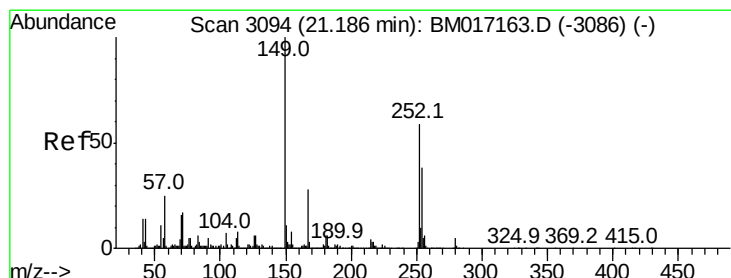
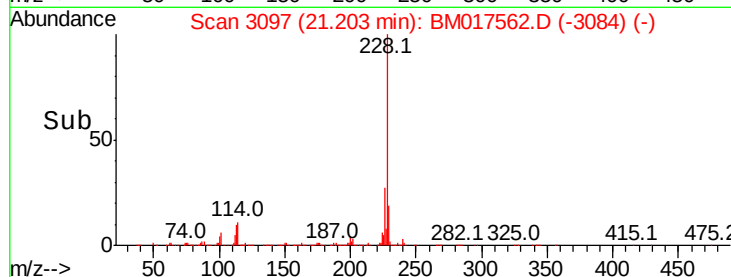
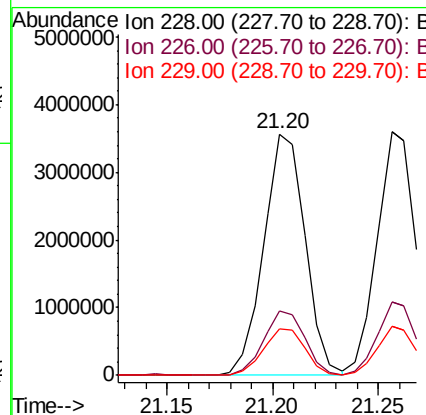
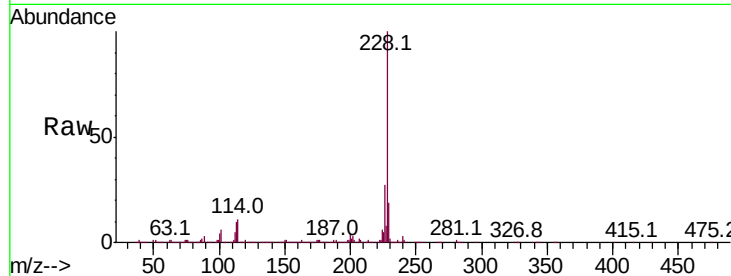
ClientSampleId :

PB114586BS

Tot Ion:	228	Resp:	4867611
Ion Ratio	Lower	Upper	
228	100		
226	26.6	21.4	32.0
229	19.4	15.9	23.9

Manual Integrations
APPROVED

Sohil
11/9/2018 1:39:12 PM



#82

3,3'-Dichlorobenzidine

Concen: 31.429 ng

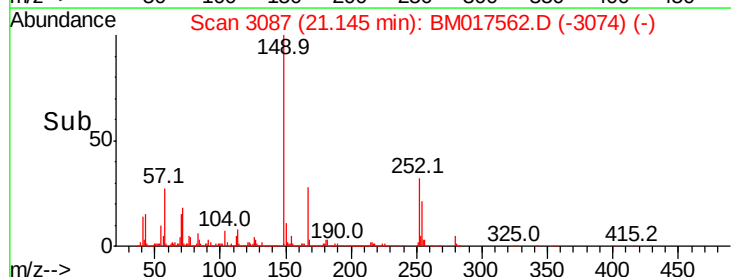
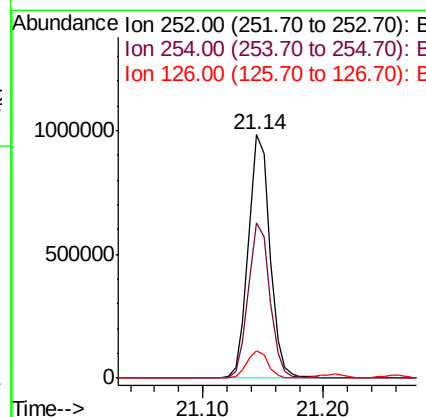
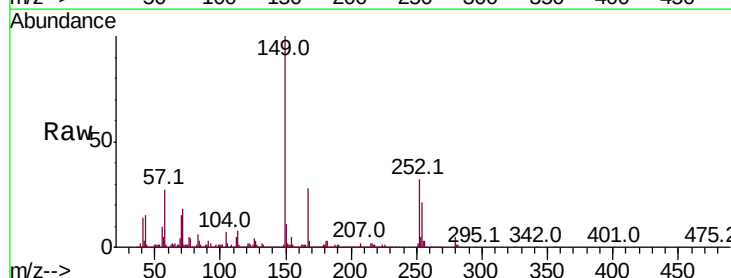
RT: 21.14 min Scan# 3087

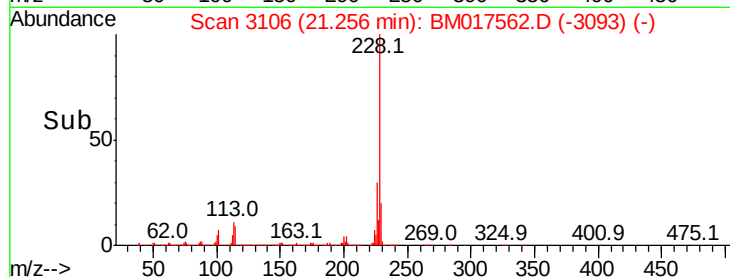
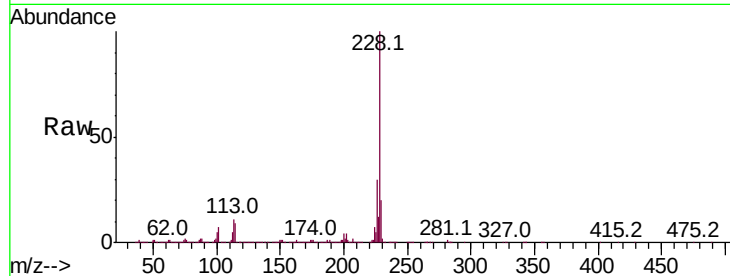
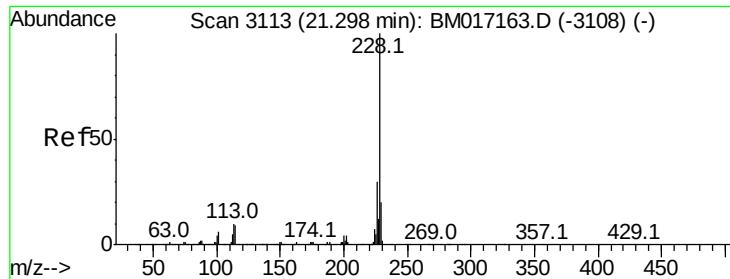
Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Tgt Ion:	252	Resp:	1239639
Ion Ratio	Lower	Upper	
252	100		
254	64.0	52.1	78.1
126	11.4	8.6	12.8





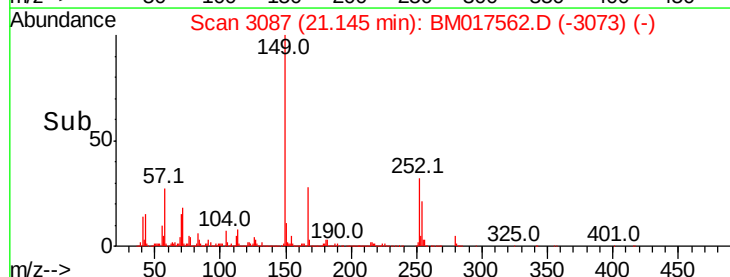
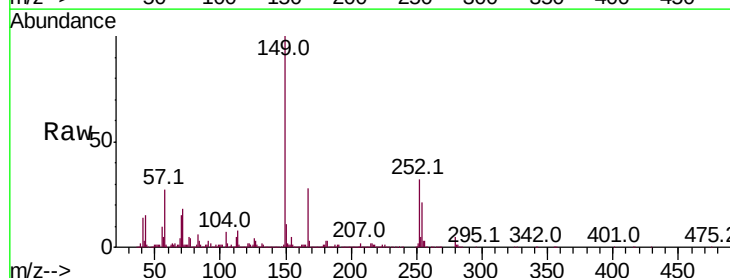
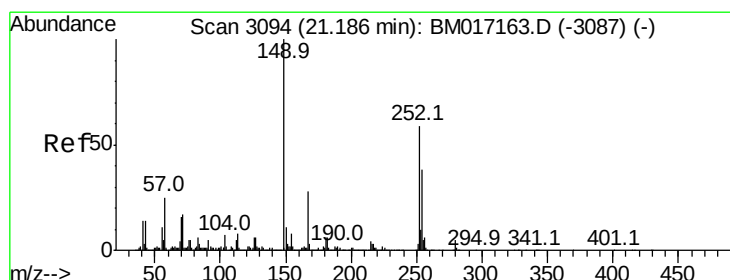
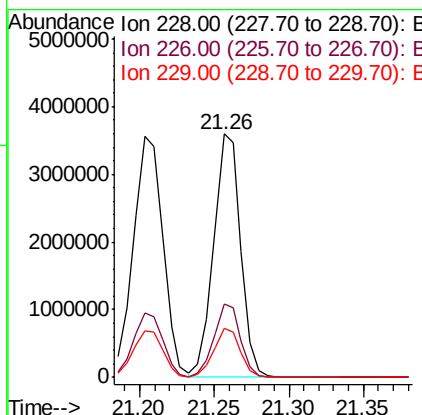
#83
 Chrvsene
 Concen: 43.445 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Instrument :
 BNA_M
 ClientSampleId :
 PB114586BS

Tot Ion:228 Resp: 4550760
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.3 34.9
 229 20.1 15.6 23.4

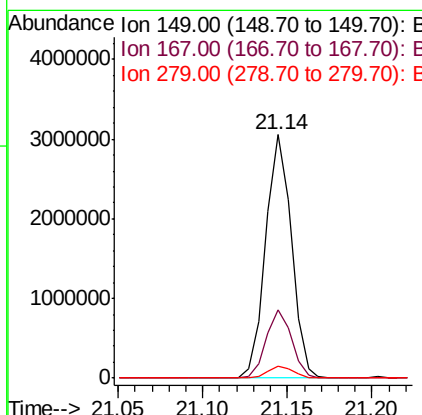
Manual Integrations
 APPROVED

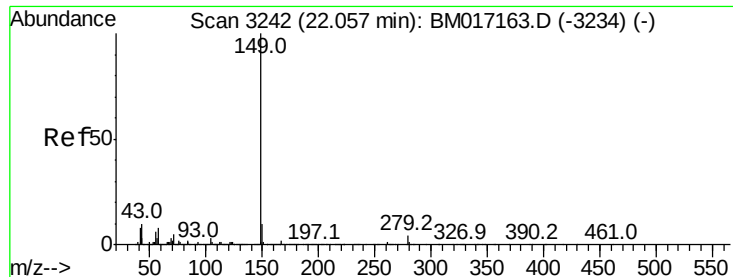
Sohil
 11/9/2018 1:39:12 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.963 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM017562.D
 Acq: 07 Nov 2018 16:24

Tgt Ion:149 Resp: 3210027
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.2 33.4
 279 4.7 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 52.738 ng

RT: 22.02 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

ClientSampleId :

PB114586BS

Tot Ion:149 Resp: 5531875

Ion Ratio Lower Upper

149 100

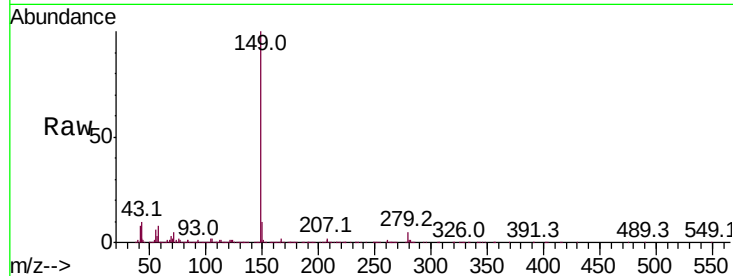
167 1.6 1.4 2.0

43 10.1 7.2 10.8

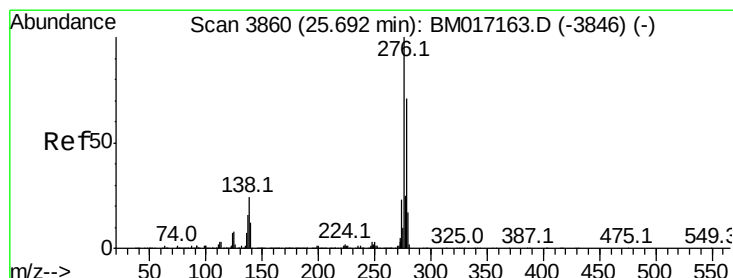
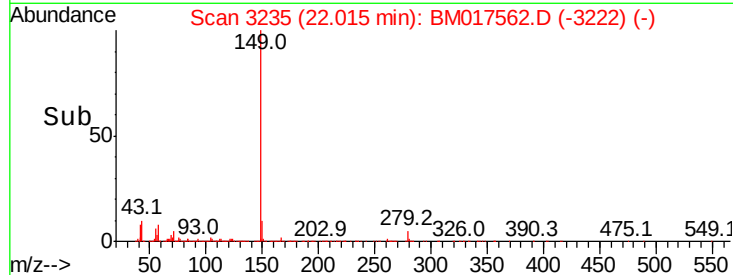
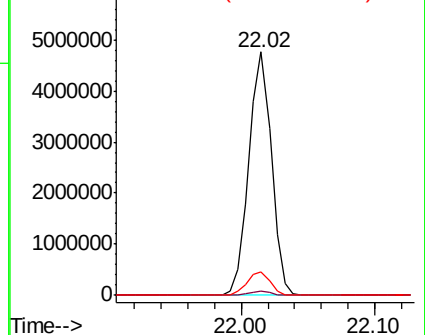
Manual Integrations
APPROVED

Sohil

11/9/2018 1:39:12 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: 44.369 ng

RT: 25.61 min Scan# 3847

Delta R.T. -0.04 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

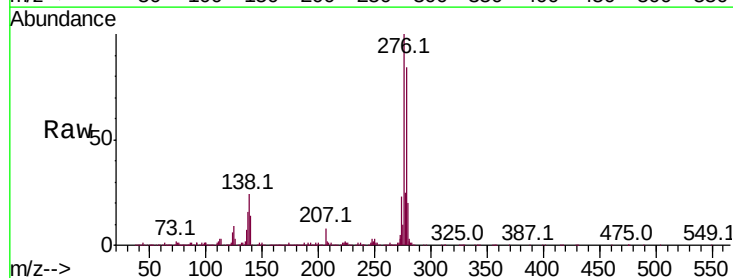
Tgt Ion:276 Resp: 5198294

Ion Ratio Lower Upper

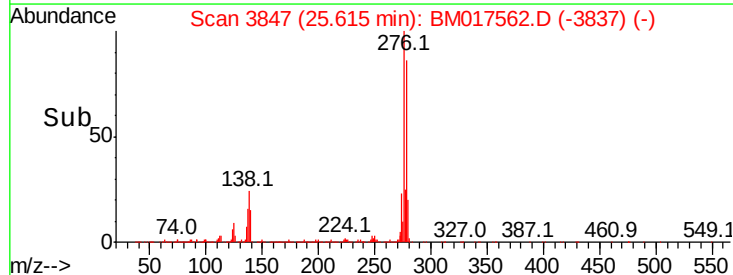
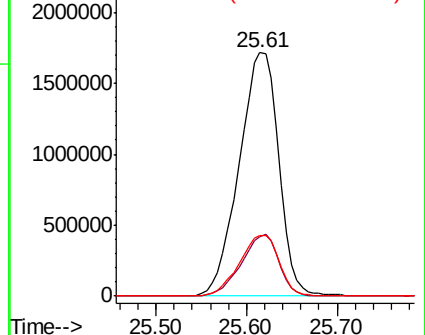
276 100

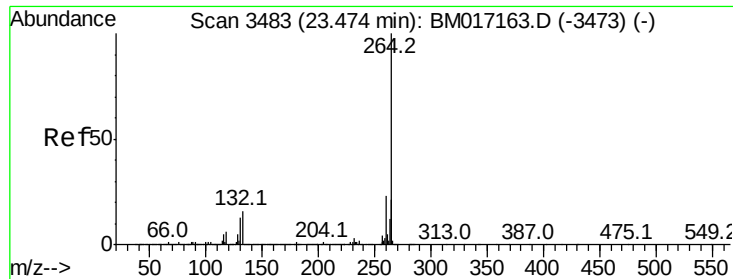
138 24.0 19.5 29.3

277 25.0 20.1 30.1



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





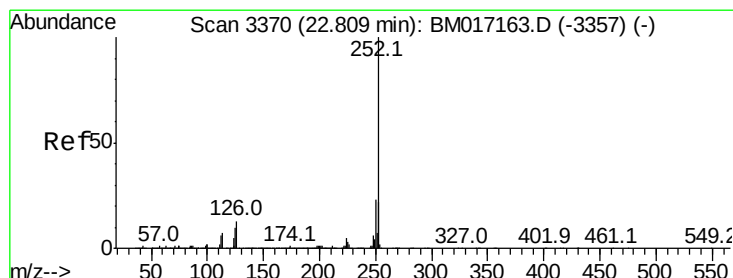
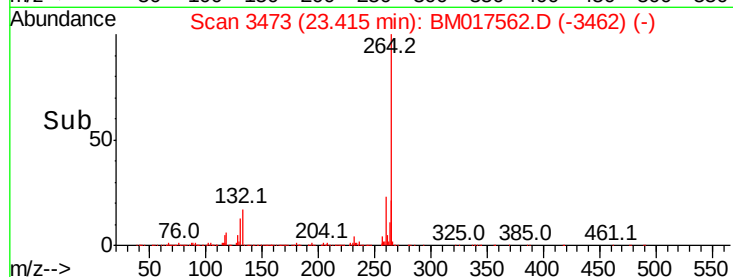
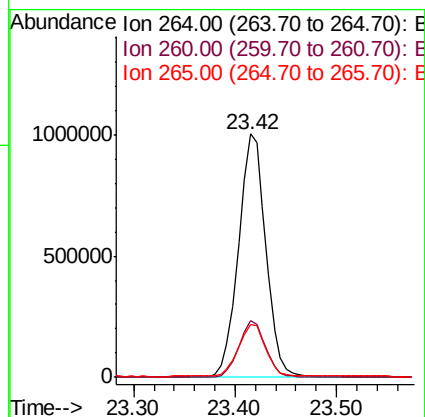
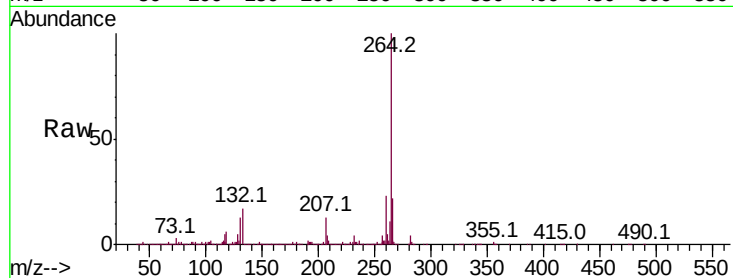
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3473
Delta R.T. -0.04 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampled :
PB114586BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	21.9	17.8	26.8

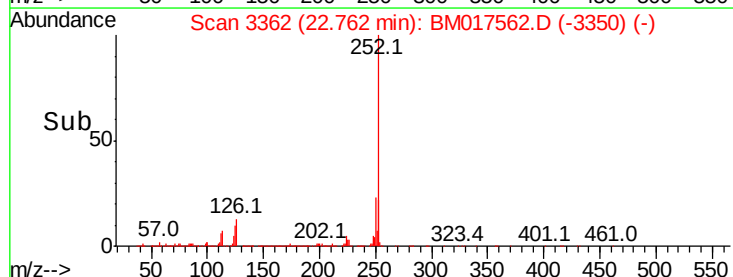
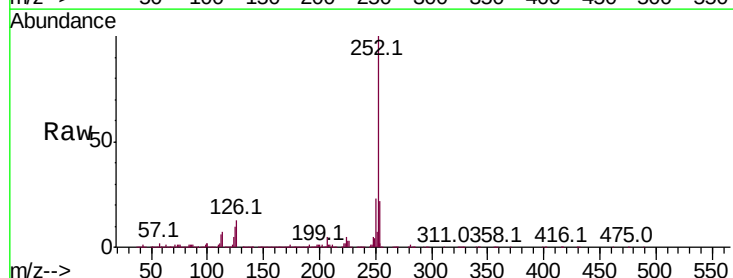
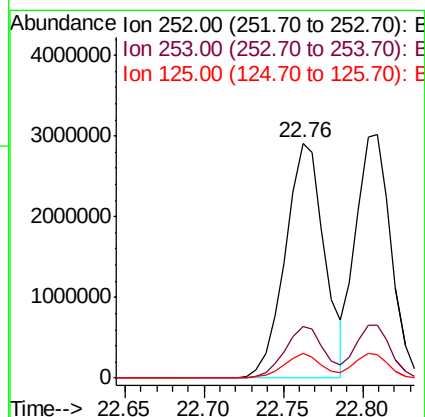
Manual Integrations
APPROVED

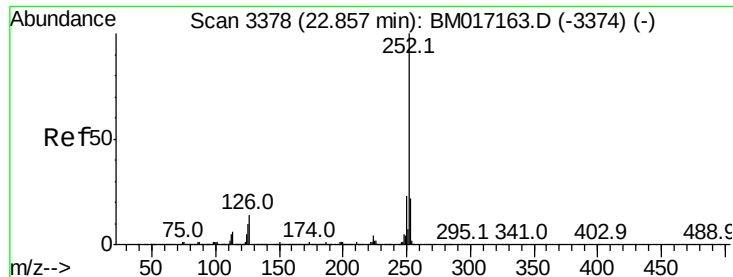
Sohil
11/9/2018 1:39:12 PM



#88
Benzo(b)fluoranthene
Concen: 48.873 ng
RT: 22.76 min Scan# 3362
Delta R.T. -0.03 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	10.3	7.5	11.3





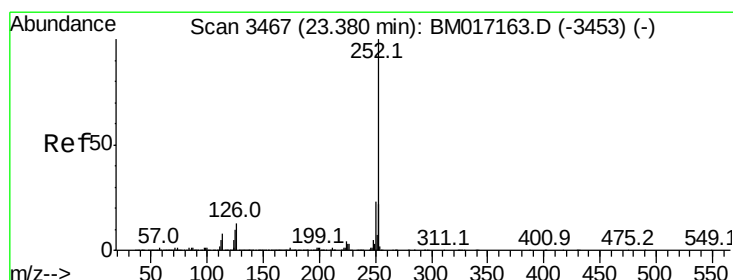
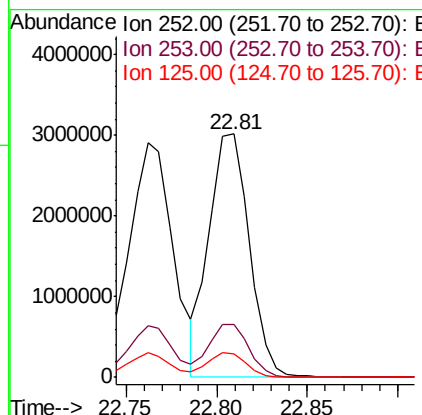
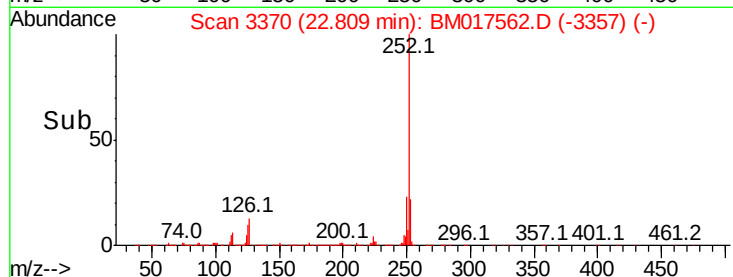
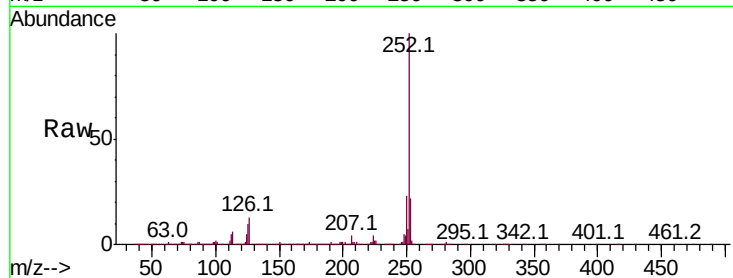
#89
Benzo(k)fluoranthene
Concen: 45.174 ng
RT: 22.81 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Instrument :
BNA_M
ClientSampleId :
PB114586BS

Tot Ion:252 Resp: 4645060
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.7 8.2 12.2

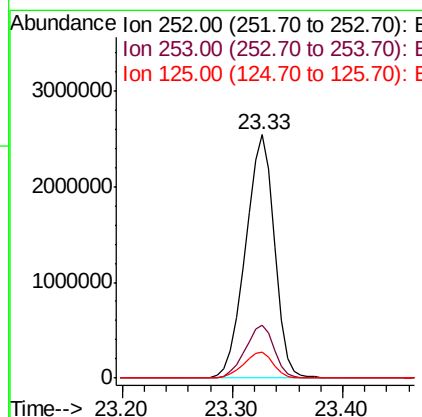
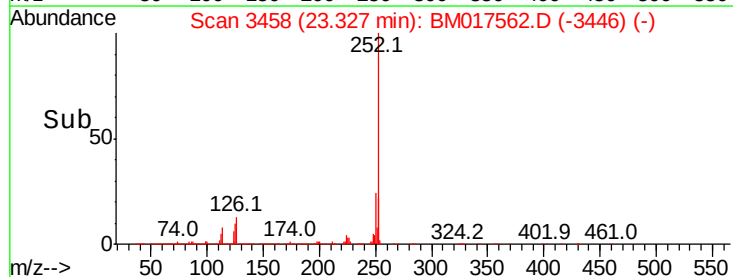
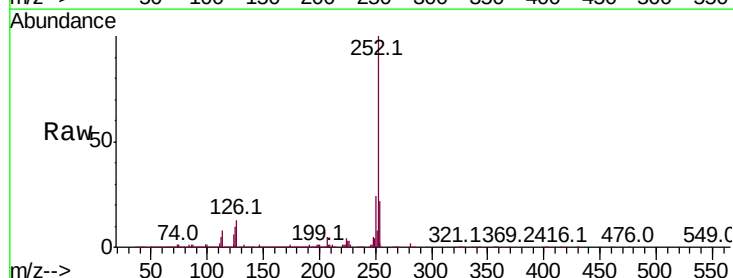
Manual Integrations
APPROVED

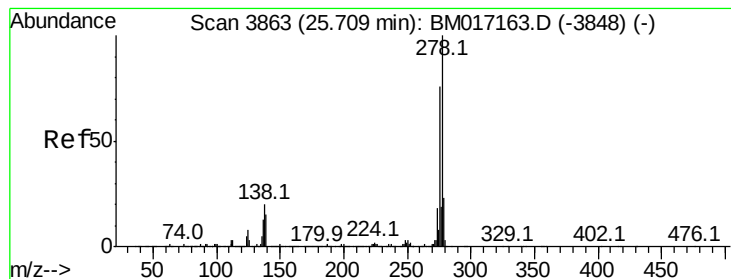
Sohil
11/9/2018 1:39:12 PM



#90
Benzo(a)pyrene
Concen: 48.037 ng
RT: 23.33 min Scan# 3458
Delta R.T. -0.03 min
Lab File: BM017562.D
Acq: 07 Nov 2018 16:24

Tgt Ion:252 Resp: 4673895
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 45.811 ng

RT: 25.63 min Scan# 3849

Delta R.T. -0.04 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Instrument :

BNA_M

ClientSampleId :

PB114586BS

Tot Ion:278 Resp: 4425898

Ion Ratio Lower Upper

278 100

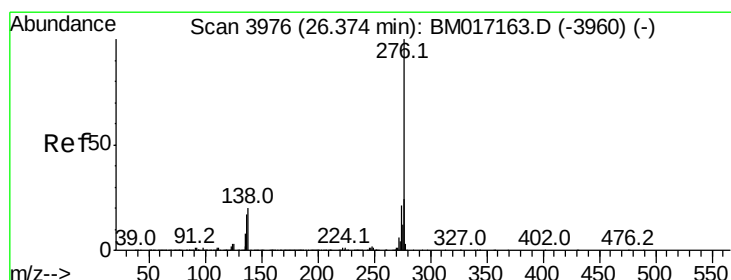
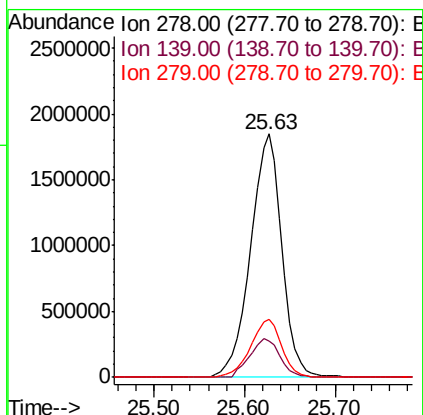
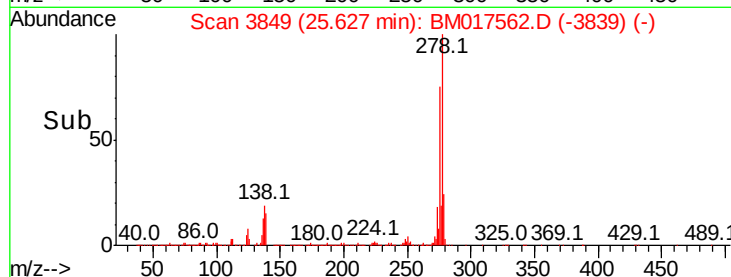
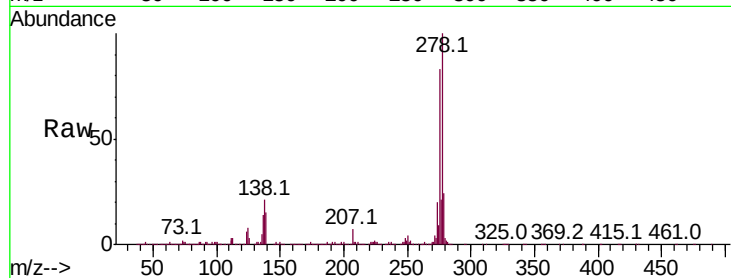
139 15.0 12.7 19.1

279 23.8 18.7 28.1

Manual Integrations
APPROVED

Sohil

11/9/2018 1:39:12 PM



#92

Benzo(g,h,i)perylene

Concen: 44.657 ng

RT: 26.29 min Scan# 3961

Delta R.T. -0.04 min

Lab File: BM017562.D

Acq: 07 Nov 2018 16:24

Tgt Ion:276 Resp: 4276132

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 20.2 16.4 24.6

