

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011268.D
 Acq On : 17 Aug 2017 16:03
 Operator : SJ/JU
 Sample : PB101642BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

Manual Integrations
 APPROVED

Sohil
 8/18/2017 7:05:16 PM

Quant Time: Aug 18 01:47:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	120328	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	466209	20.00	ng	-0.01
38) Acenaphthene-d10	13.95	164	325563	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	910005	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	1210301	20.00	ng	-0.01
86) Perylene-d12	23.00	264	1080025	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	898406	126.21	ng	-0.01
7) Phenol-d6	6.49	99	1257246	124.31	ng	0.00
23) Nitrobenzene-d5	8.42	82	1153985	92.90	ng	-0.02
41) 2,4,6-Tribromophenol	15.45	330	670553	128.51	ng	-0.02
44) 2-Fluorobiphenyl	12.55	172	2089383	80.49	ng	-0.01
78) Terphenyl-d14	19.37	244	4192528	68.62	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	119450	37.375	ng	# 100
3) Pyridine	3.28	79	356311	40.816	ng	# 84
4) n-Nitrosodimethylamine	3.20	42	211786	47.606	ng	# 75
6) Aniline	6.63	93	374183	29.356	ng	# 86
8) 2-Chlorophenol	6.85	128	263191	36.419	ng	# 66
9) Benzaldehyde	6.44	77	135896	20.767	ng	# 75
10) Phenol	6.51	94	430344	39.176	ng	90
11) bis(2-Chloroethyl)ether	6.73	93	335790	39.232	ng	87
12) 1,3-Dichlorobenzene	7.16	146	317779	36.081	ng	# 77
13) 1,4-Dichlorobenzene	7.31	146	325090	36.010	ng	# 88
14) 1,2-Dichlorobenzene	7.62	146	297691	34.488	ng	# 86
15) Benzyl Alcohol	7.53	79	440555	45.408	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	7.80	45	349933	45.434	ng	78
17) 2-Methylphenol	7.73	107	279462	39.806	ng	# 68
18) Hexachloroethane	8.33	117	149799	38.049	ng	# 84
19) n-Nitroso-di-n-propylamine	8.09	70	390802	45.472	ng	# 88
20) 3+4-Methylphenols	8.06	107	374348	38.358	ng	# 76
22) Acetophenone	8.09	105	527068	37.715	ng	# 84
24) Nitrobenzene	8.46	77	578552	44.947	ng	# 82
25) Isophorone	8.99	82	914552	44.157	ng	# 83
26) 2-Nitrophenol	9.16	139	155670	38.008	ng	# 1
27) 2,4-Dimethylphenol	9.25	122	265202	36.783	ng	# 54
28) bis(2-Chloroethoxy)methane	9.48	93	474904	41.112	ng	# 96
29) 2,4-Dichlorophenol	9.70	162	314158	38.776	ng	93
30) 1,2,4-Trichlorobenzene	9.90	180	392689	39.200	ng	95
31) Naphthalene	10.08	128	870096	37.099	ng	98
32) Benzoic acid	9.39	122	184991	31.921	ng	# 43
33) 4-Chloroaniline	10.22	127	180459	19.288	ng	# 62
34) Hexachlorobutadiene	10.37	225	320959	40.679	ng	94
35) Caprolactam	11.00	113	96347m	41.934	ng	
36) 4-Chloro-3-methylphenol	11.35	107	412662	39.446	ng	# 66
37) 2-Methylnaphthalene	11.71	142	698106	40.519	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	548049	39.182	ng	# 100
40) Hexachlorocyclopentadiene	12.07	237	845242	103.708	ng	96

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011268.D
 Acq On : 17 Aug 2017 16:03
 Operator : SJ/JU
 Sample : PB101642BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

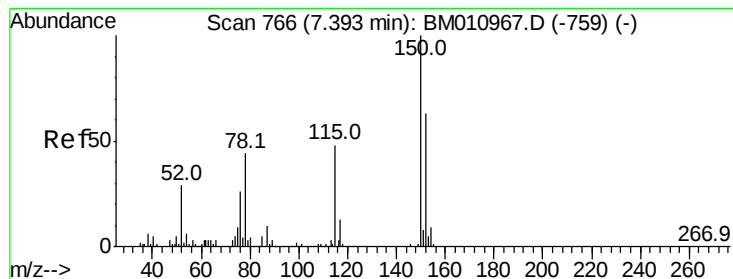
Manual Integrations
 APPROVED

Sohil
 8/18/2017 7:05:16 PM

Quant Time: Aug 18 01:47:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	321041	37.921	nq	96
43) 2,4,5-Trichlorophenol	12.43	196	334934	38.412	nq #	84
45) 1,1'-Biphenyl	12.76	154	981575	34.868	nq	96
46) 2-Chloronaphthalene	12.80	162	782686	37.736	nq	94
47) 2-Nitroaniline	13.02	65	377744	51.480	nq #	56
48) Acenaphthylene	13.66	152	1208024	39.027	nq	99
49) Dimethylphthalate	13.43	163	1077025	38.672	nq #	98
50) 2,6-Dinitrotoluene	13.54	165	229701	40.786	nq #	32
51) Acenaphthene	14.01	154	745604	38.902	nq	98
52) 3-Nitroaniline	13.87	138	177448	36.309	nq #	21
53) 2,4-Dinitrophenol	14.08	184	341088	85.218	nq #	77
54) Dibenzofuran	14.35	168	1316085	42.379	nq #	90
55) 4-Nitrophenol	14.20	139	302232	70.388	nq #	72
56) 2,4-Dinitrotoluene	14.34	165	328879	41.596	nq #	71
57) Fluorene	15.00	166	1084129	40.096	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.59	232	379928	46.486	nq #	100
59) Diethylphthalate	14.81	149	1138927	40.043	nq	98
60) 4-Chlorophenyl-phenylether	15.02	204	663043	40.616	nq	96
61) 4-Nitroaniline	15.05	138	170962	32.934	nq #	1
62) Azobenzene	15.31	77	1648569	54.156	nq	84
64) 4,6-Dinitro-2-methylphenol	15.10	198	246685	40.042	nq	94
65) n-Nitrosodiphenylamine	15.23	169	959821	36.855	nq	100
66) 4-Bromophenyl-phenylether	15.91	248	448029	38.298	nq #	88
67) Hexachlorobenzene	16.01	284	457932	34.641	nq #	88
68) Atrazine	16.21	200	439753	42.136	nq	97
69) Pentachlorophenol	16.36	266	648251	77.241	nq	98
70) Phenanthrene	16.74	178	1949064	40.904	nq	99
71) Anthracene	16.84	178	1993333	41.946	nq	99
72) Carbazole	17.12	167	1702042	40.954	nq	100
73) Di-n-butylphthalate	17.71	149	2011943	39.754	nq #	95
74) Fluoranthene	18.78	202	2657827	45.010	nq	98
76) Benzidine	18.99	184	1350306	46.637	nq	99
77) Pyrene	19.14	202	2751424	38.260	nq	100
79) Butylbenzylphthalate	20.09	149	957902	37.458	nq #	51
80) Benzo(a)anthracene	20.92	228	2779368	40.218	nq	99
81) 3,3'-Dichlorobenzidine	20.87	252	791099	29.180	nq #	96
82) Chrysene	20.97	228	2642004	39.827	nq	99
83) Bis(2-ethylhexyl)phthalate	20.89	149	1380875	36.705	nq	100
84) Di-n-octyl phthalate	21.73	149	2314168	37.901	nq #	95
85) Indeno(1,2,3-cd)pyrene	25.02	276	2666736	38.816	nq #	96
87) Benzo(b)fluoranthene	22.40	252	2669630	38.513	nq #	91
88) Benzo(k)fluoranthene	22.44	252	2631998	39.616	nq #	95
89) Benzo(a)pyrene	22.92	252	2545510	40.583	nq #	95
90) Dibenzo(a,h)anthracene	25.03	278	2199493	37.827	nq #	90
91) Benzo(g,h,i)perylene	25.63	276	2253501	39.468	nq #	85

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



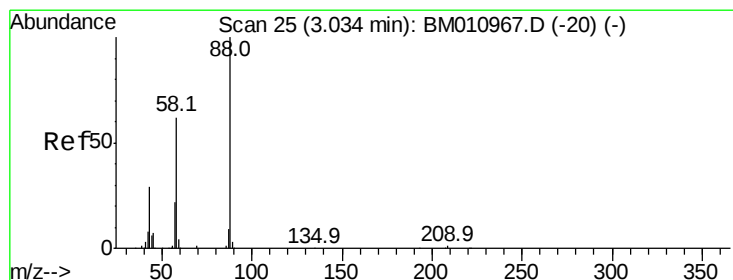
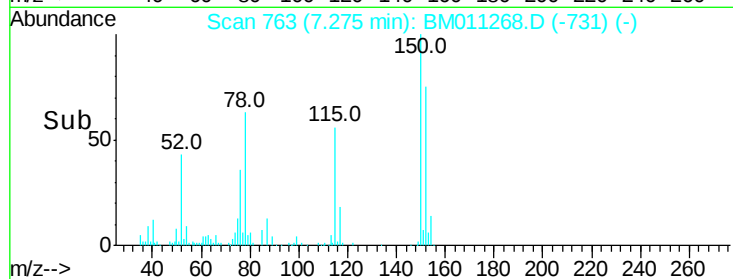
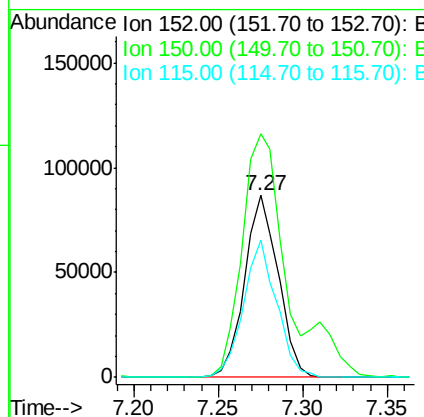
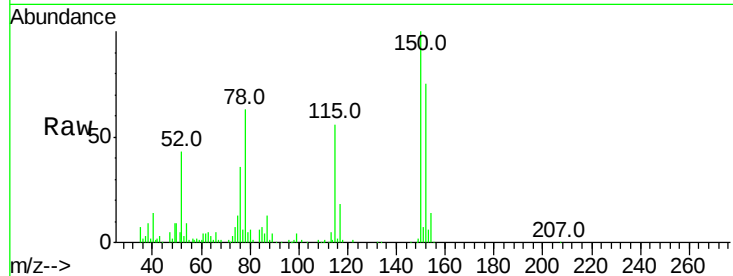
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.27 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.7	119.5	179.3
115	75.5	43.0	64.4#

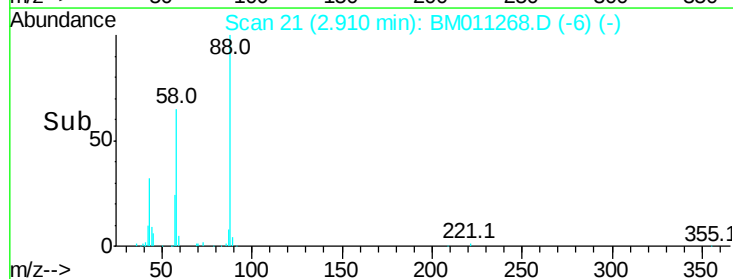
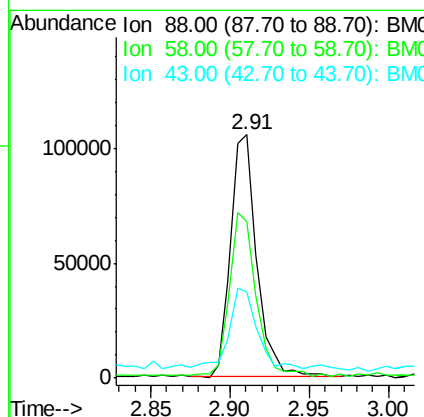
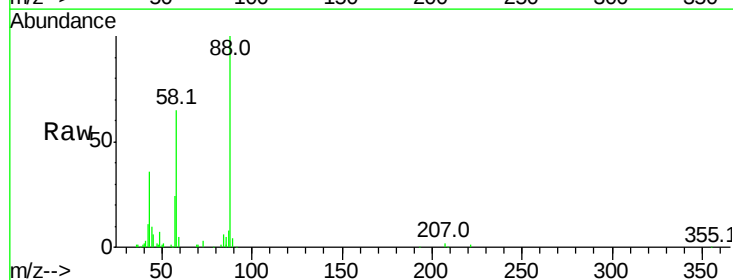
Manual Integrations
 APPROVED

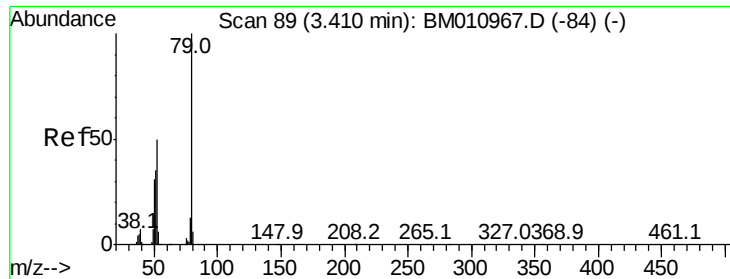
Sohil
 8/18/2017 7:05:16 PM



#2
 1,4-Dioxane
 Concen: 37.375 ng
 RT: 2.91 min Scan# 21
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	0.0	0.0#
43	37.0	0.0	0.0#





#3

Pvridine

Concen: 40.816 ng

RT: 3.28 min Scan# 84

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

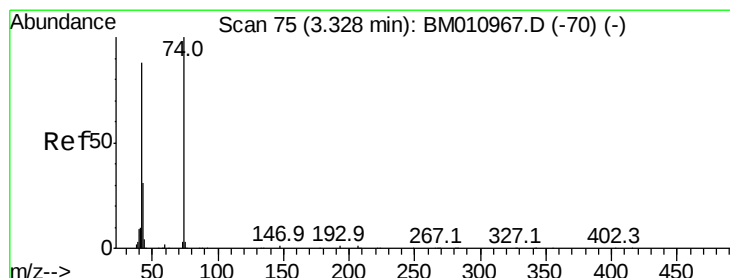
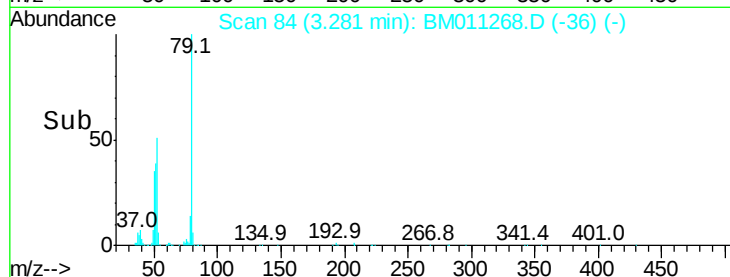
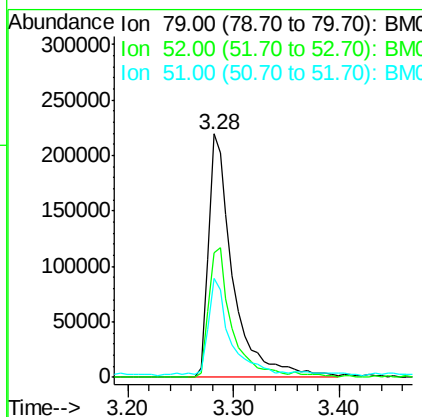
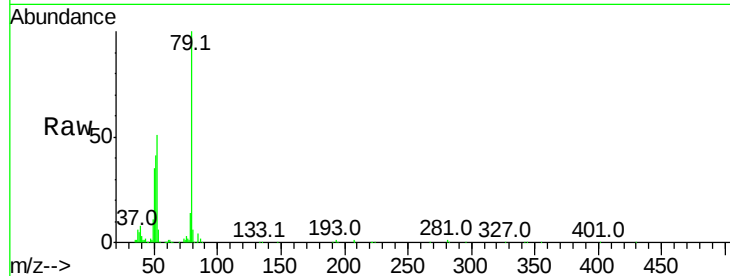
ClientSampleId :

PB101642BS

Tot Ion:	79	Resp:	356311
Ion Ratio	Lower	Upper	
79	100		
52	51.0	51.1	76.7#
51	40.8	26.1	39.1#

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#4

n-Nitrosodimethylamine

Concen: 47.606 ng

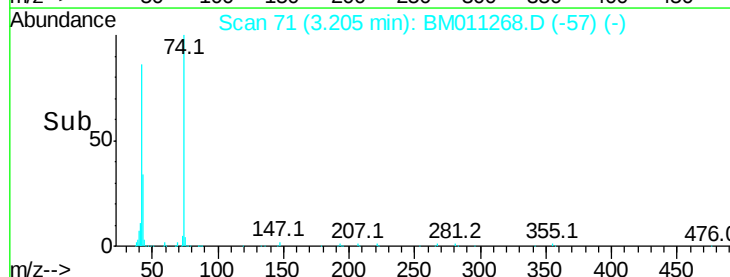
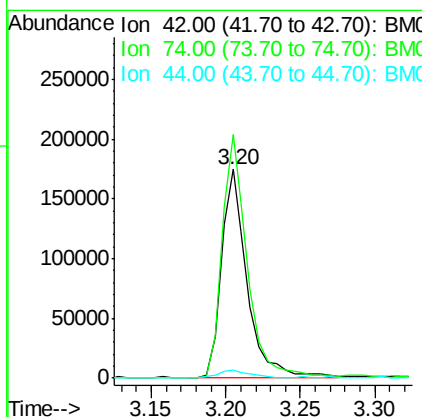
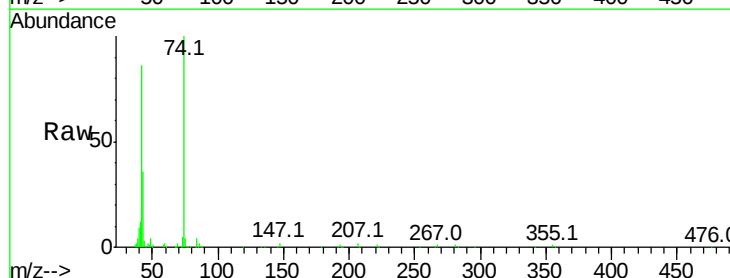
RT: 3.20 min Scan# 71

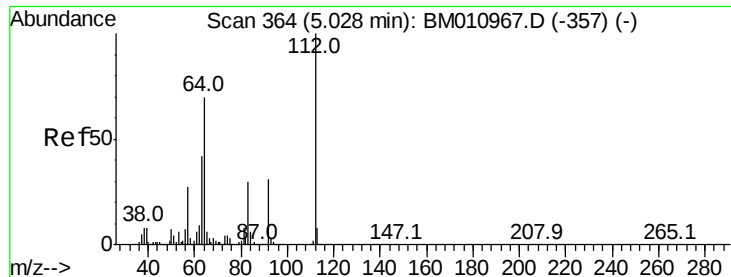
Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion:	42	Resp:	211786
Ion Ratio	Lower	Upper	
42	100		
74	116.5	119.3	178.9#
44	3.9	5.4	8.2#





#5

2-Fluorophenol

Concen: 126.213 ng

RT: 4.92 min Scan# 362

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

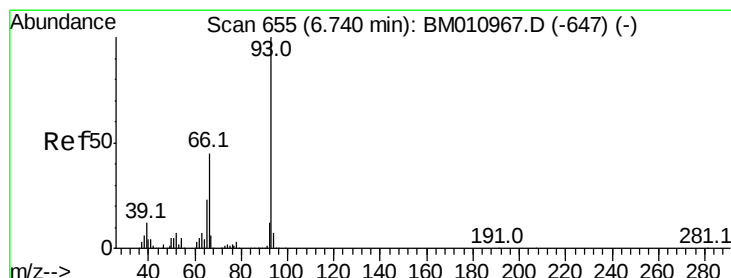
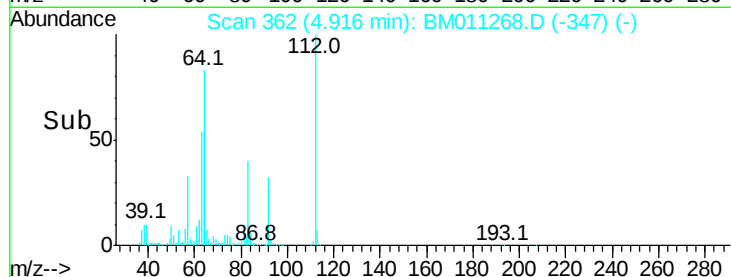
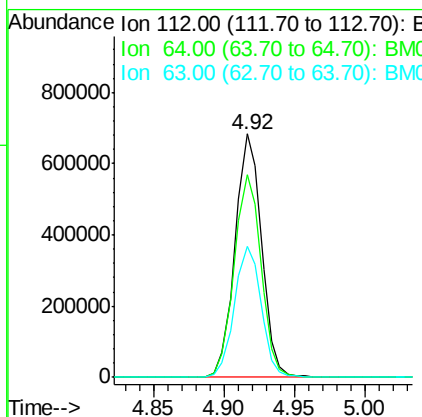
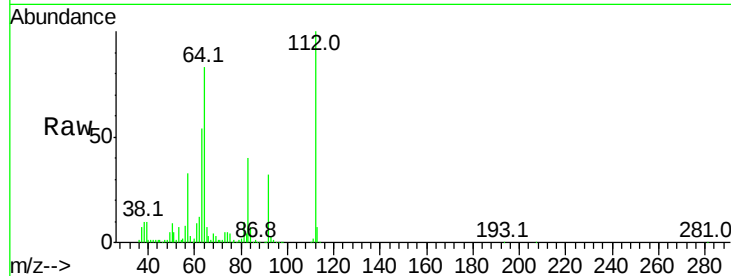
ClientSampleId :

PB101642BS

Tot Ion:	112	Resp:	898406
Ion Ratio	Lower	Upper	
112	100		
64	83.4	38.6	57.8#
63	53.8	19.3	28.9#

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#6

Aniline

Concen: 29.356 ng

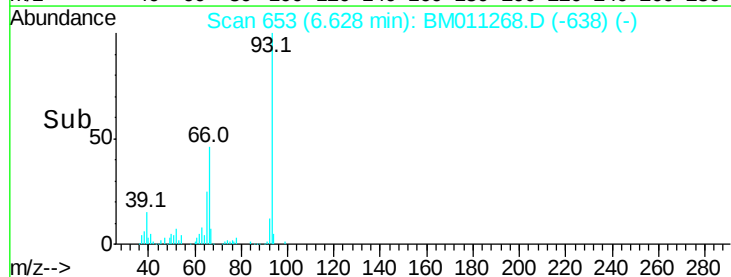
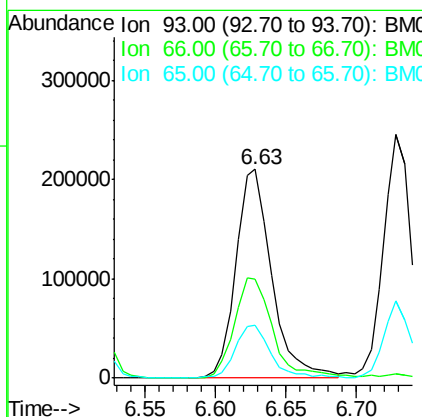
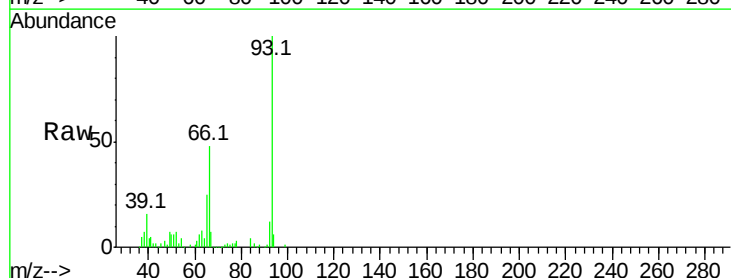
RT: 6.63 min Scan# 653

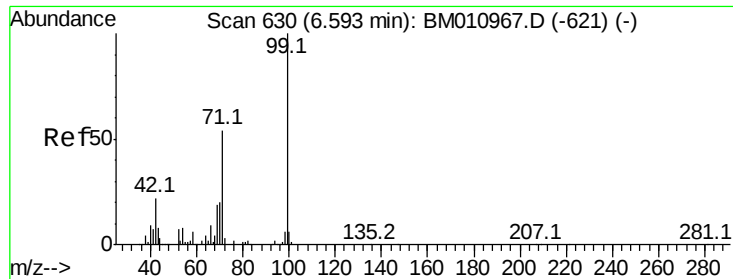
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion:	93	Resp:	374183
Ion Ratio	Lower	Upper	
93	100		
66	47.5	30.8	46.2#
65	25.3	16.0	24.0#





#7

Phenol-d6

Concen: 124.313 ng

RT: 6.49 min Scan# 629

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampled :

PB101642BS

Tot Ion: 99 Resp: 1257246

Ion Ratio Lower Upper

99 100

42 25.8 11.0 16.4#

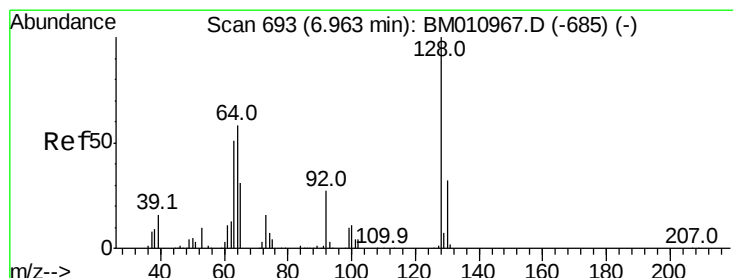
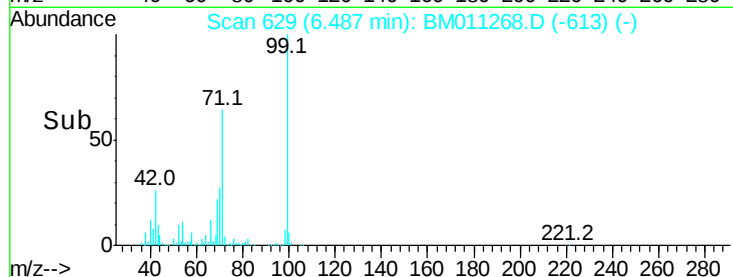
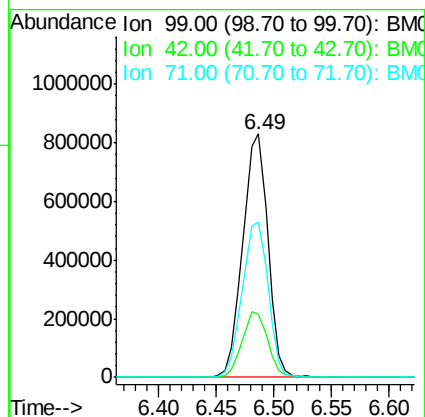
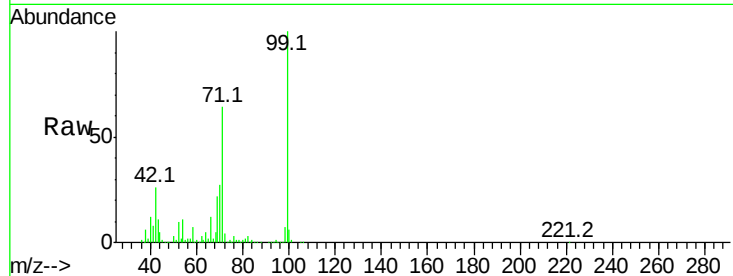
71 64.0 23.4 35.2#

Manual Integrations

APPROVED

Sohil

8/18/2017 7:05:16 PM



#8

2-Chlorophenol

Concen: 36.419 ng

RT: 6.85 min Scan# 691

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

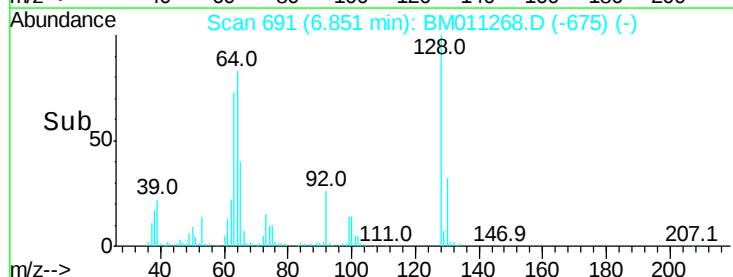
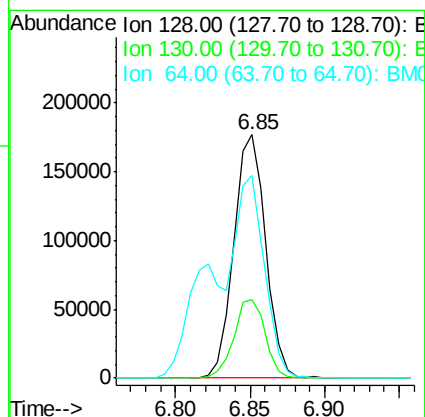
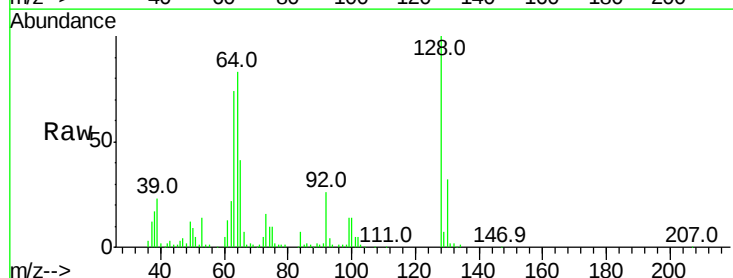
Tgt Ion: 128 Resp: 263191

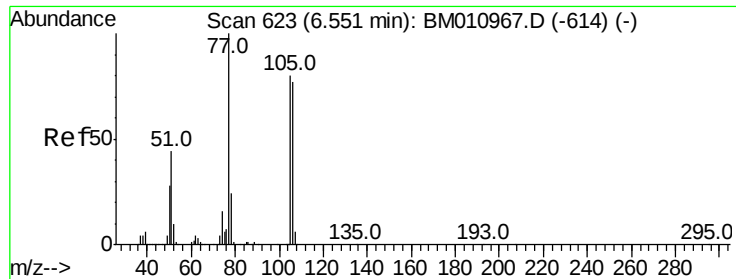
Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

64 83.4 24.9 64.9#





#9

Benzaldehyde

Concen: 20.767 ng

RT: 6.44 min Scan# 621

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampled :

PB101642BS

Tot Ion: 77 Resp: 135896

Ion Ratio Lower Upper

77 100

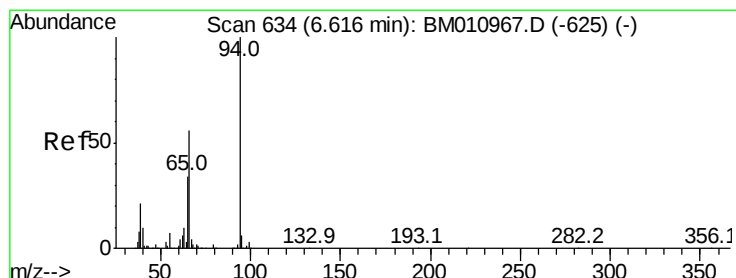
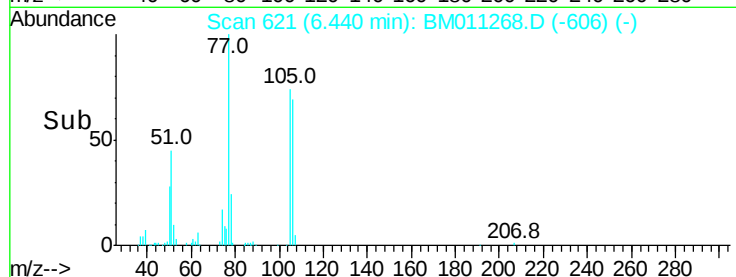
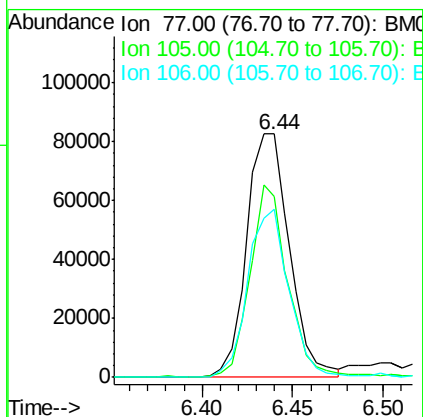
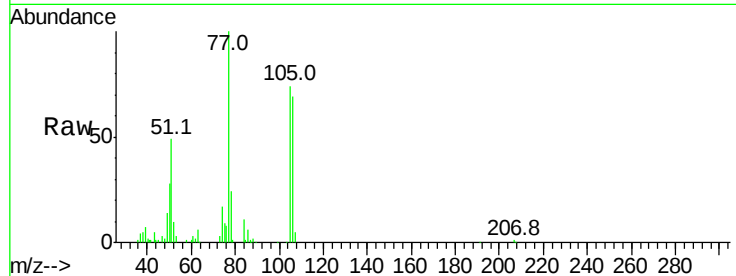
105 74.2 78.8 118.8#

106 69.0 73.7 113.7#

Manual Integrations
APPROVED

Sohil

8/18/2017 7:05:16 PM



#10

Phenol

Concen: 39.176 ng

RT: 6.51 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

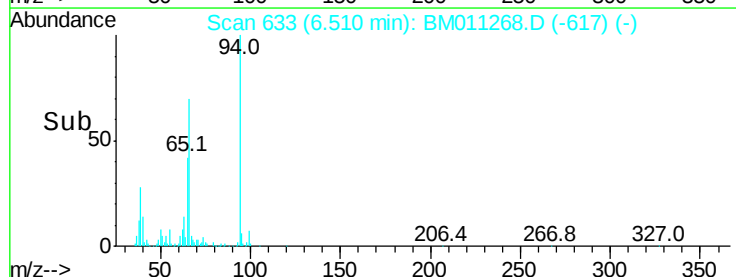
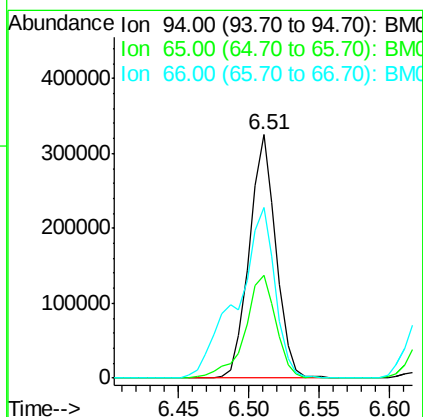
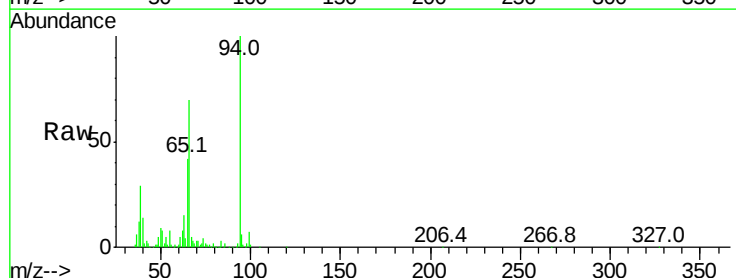
Tgt Ion: 94 Resp: 430344

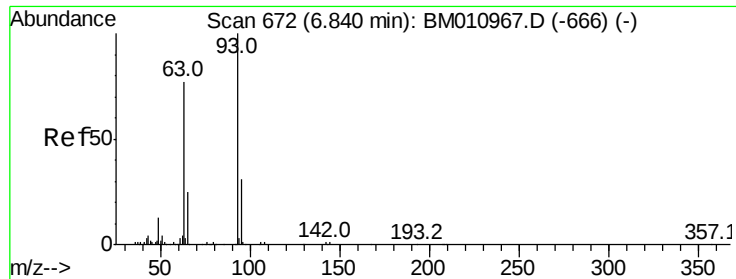
Ion Ratio Lower Upper

94 100

65 42.1 18.8 58.8

66 70.2 39.9 79.9





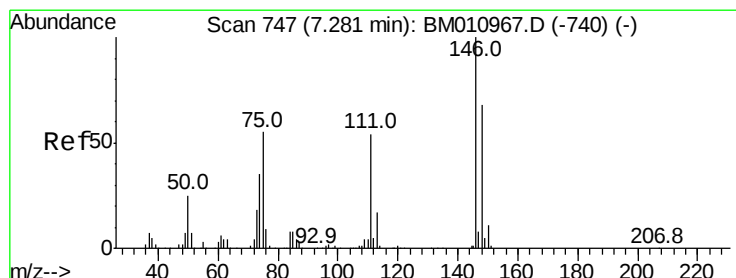
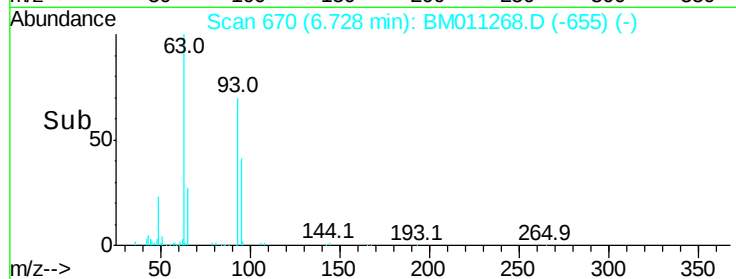
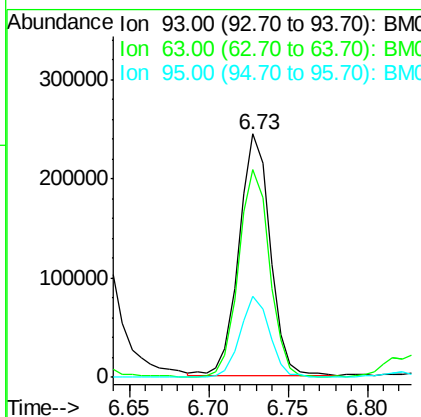
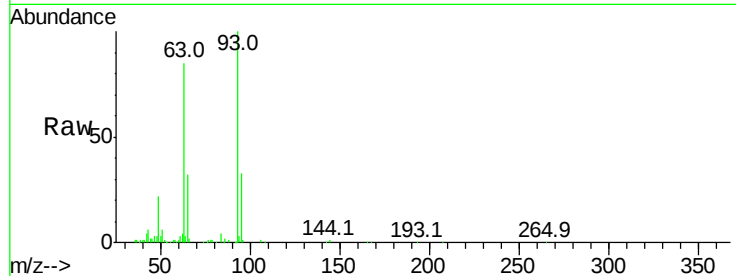
#11
bis(2-Chloroethyl)ether
Concen: 39.232 ng
RT: 6.73 min Scan# 670
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	335790		
63	85.4	49.5	89.5	
95	33.4	13.5	53.5	

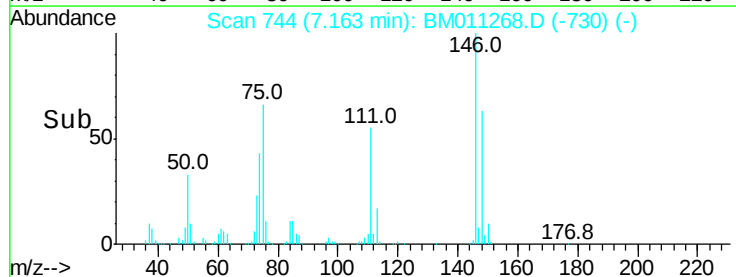
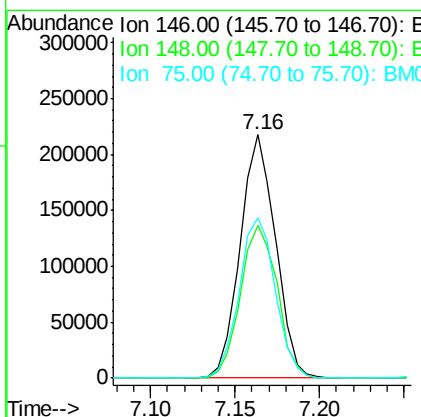
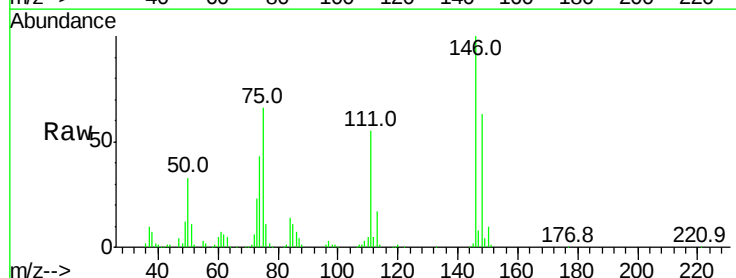
Manual Integrations
APPROVED

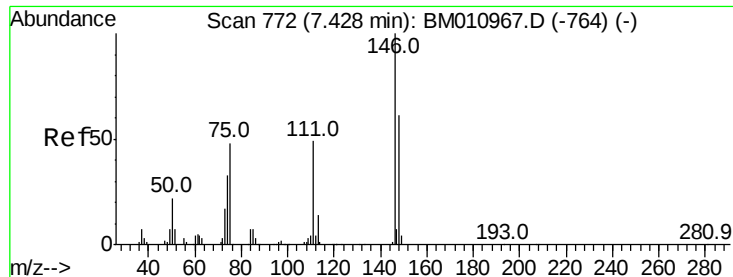
Sohil
8/18/2017 7:05:16 PM



#12
1,3-Dichlorobenzene
Concen: 36.081 ng
RT: 7.16 min Scan# 744
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	317779		
148	62.6	50.9	76.3	
75	66.1	21.4	32.2	





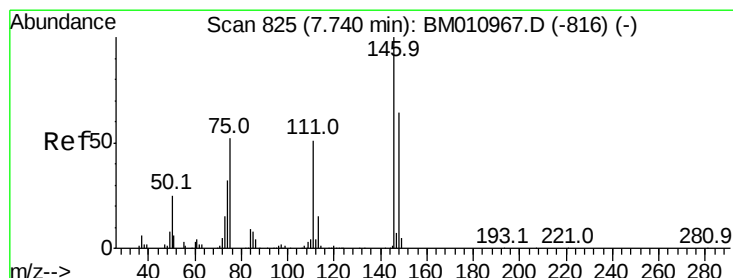
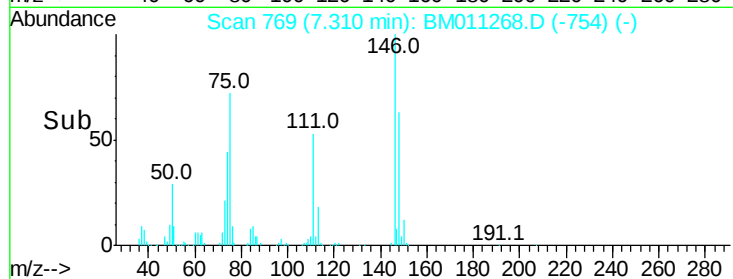
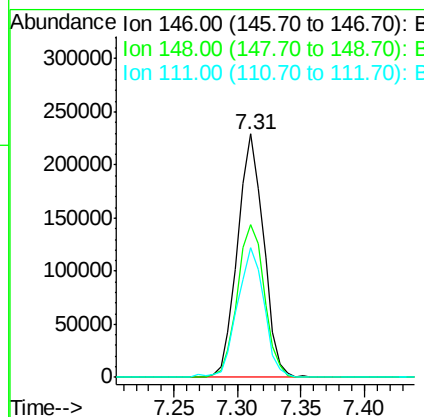
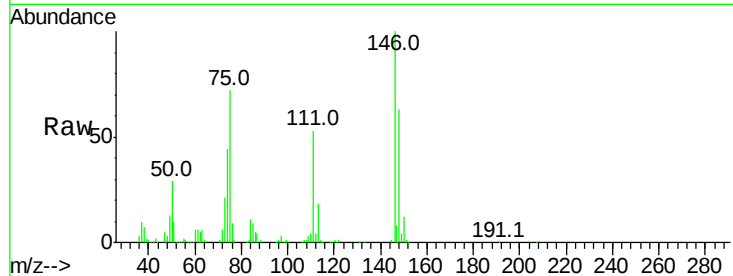
#13
 1,4-Dichlorobenzene
 Concen: 36.010 ng
 RT: 7.31 min Scan# 769
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

Tot Ion	Ratio	Resp Lower	Upper
146	100		
148	63.0	51.9	77.9
111	53.0	29.2	43.8

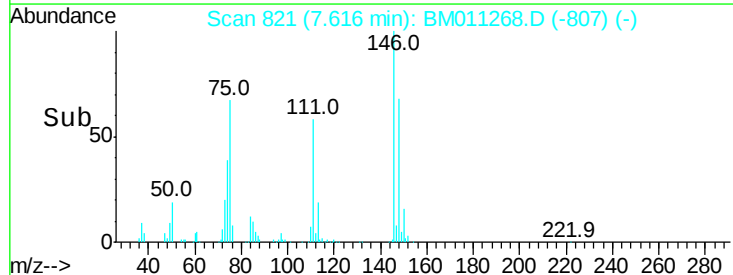
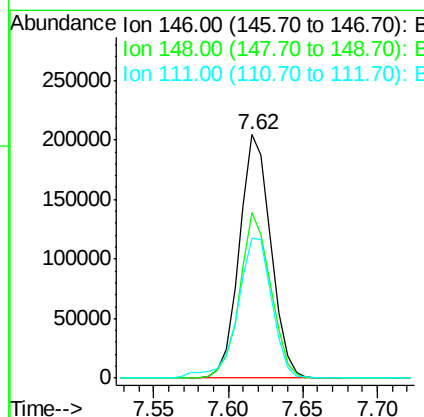
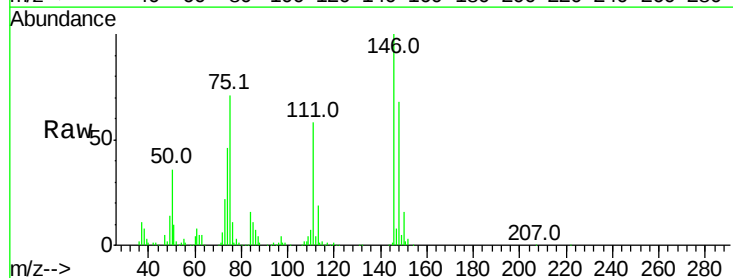
Manual Integrations
 APPROVED

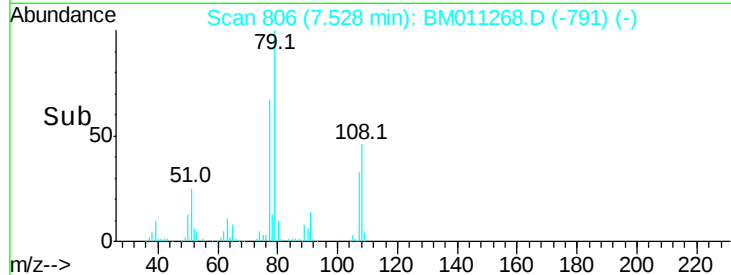
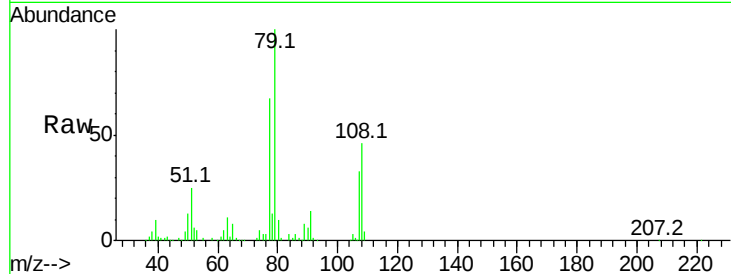
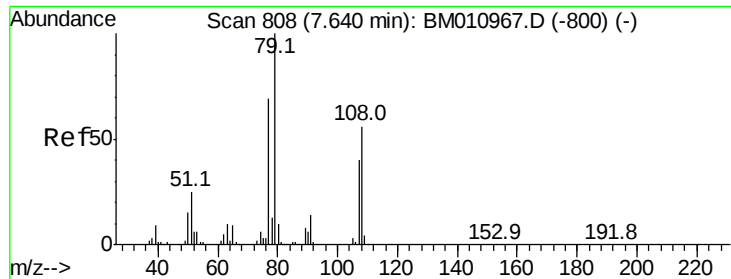
Sohil
 8/18/2017 7:05:16 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.488 ng
 RT: 7.62 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	67.8	52.3	78.5
111	57.6	30.6	45.8





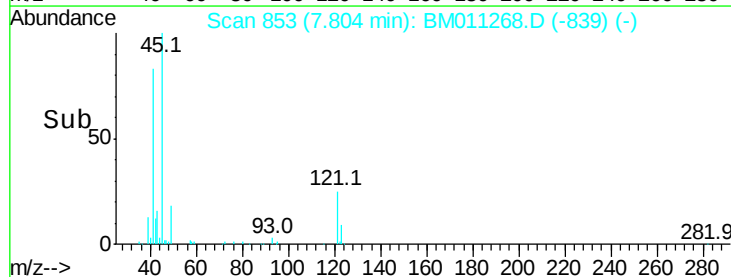
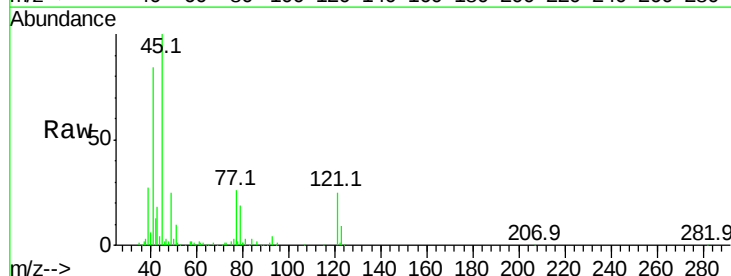
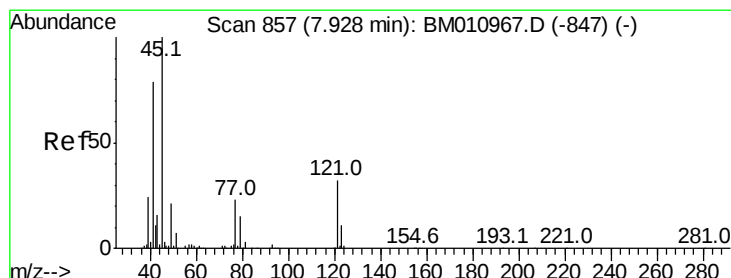
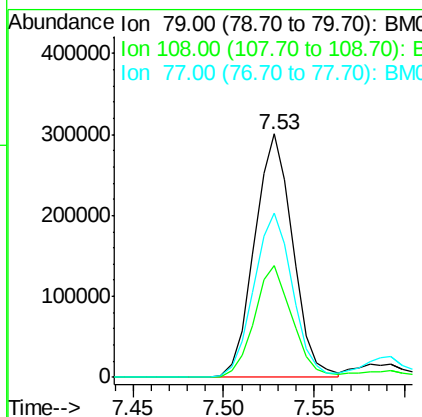
#15
Benzyl Alcohol
Concen: 45.408 ng
RT: 7.53 min Scan# 806
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	45.8	65.0	97.4#	
77	67.3	53.0	79.6	

Instrument :
BNA_M
ClientSampleId :
PB101642BS

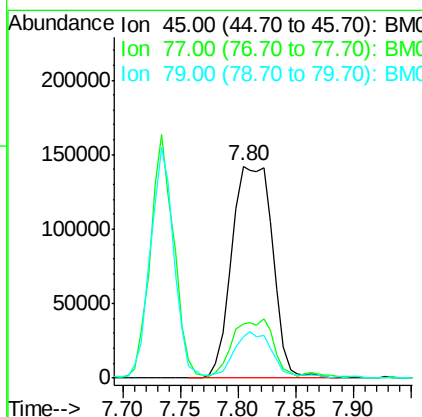
Manual Integrations
APPROVED

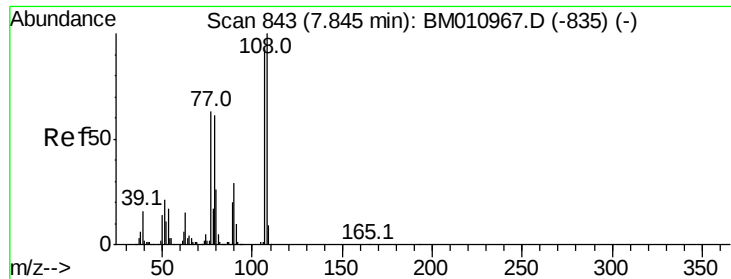
Sohil
8/18/2017 7:05:16 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.434 ng
RT: 7.80 min Scan# 853
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	25.7	0.0	35.2	
79	19.3	0.0	32.0	





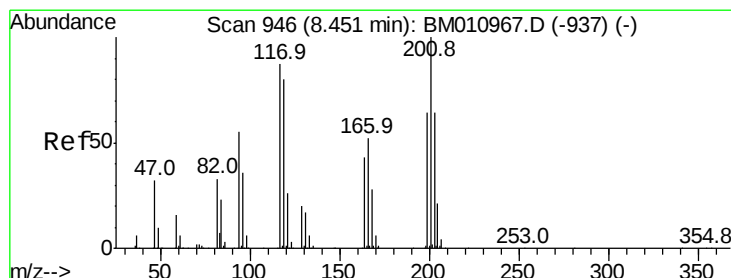
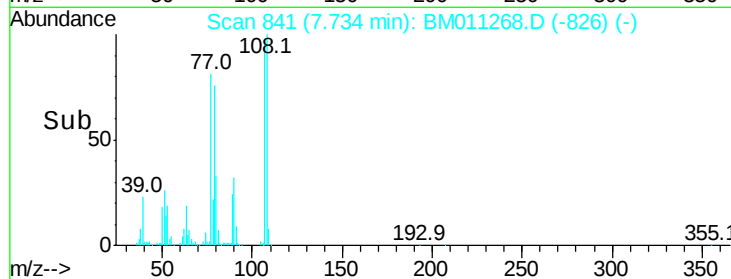
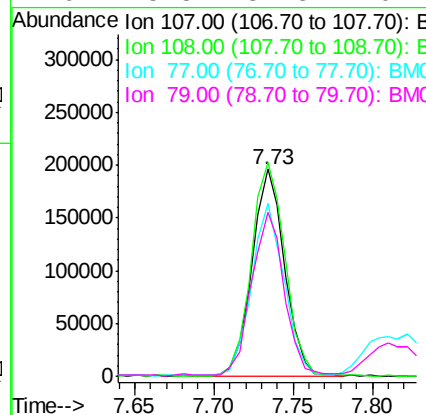
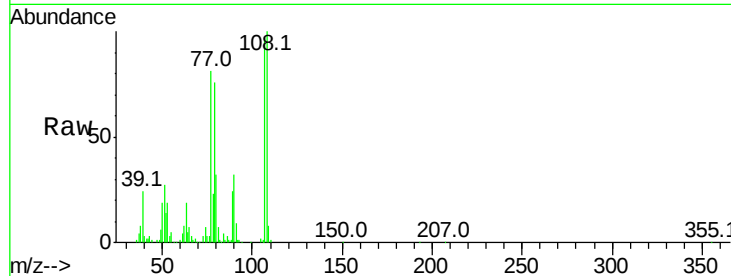
#17
2-Methylphenol
Concen: 39.806 ng
RT: 7.73 min Scan# 841
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	103.1	89.8	134.8	
77	83.2	32.6	48.8#	
79	78.8	32.8	49.2#	

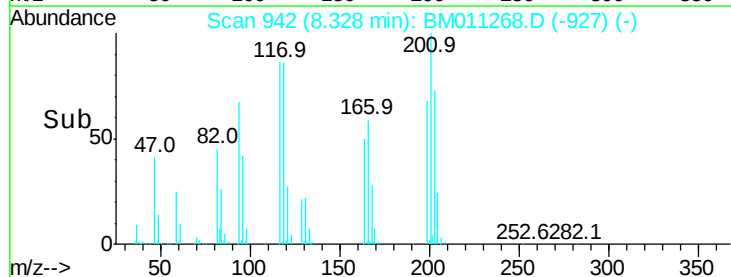
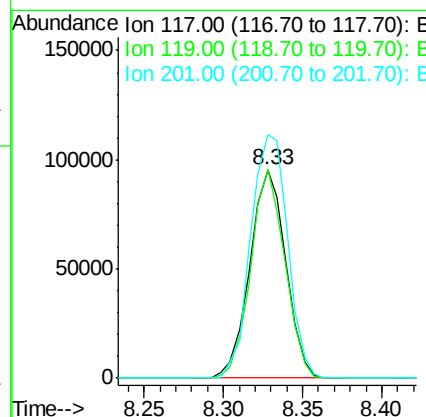
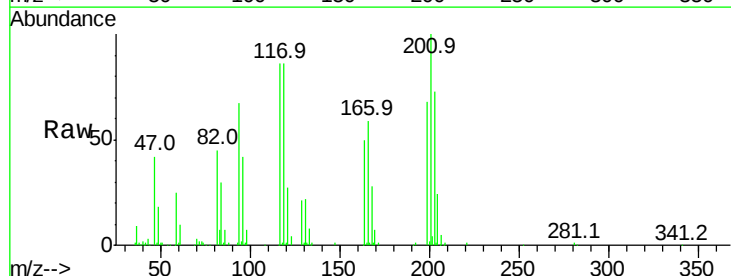
Manual Integrations
APPROVED

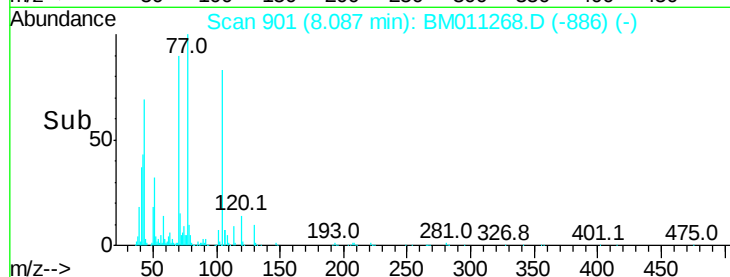
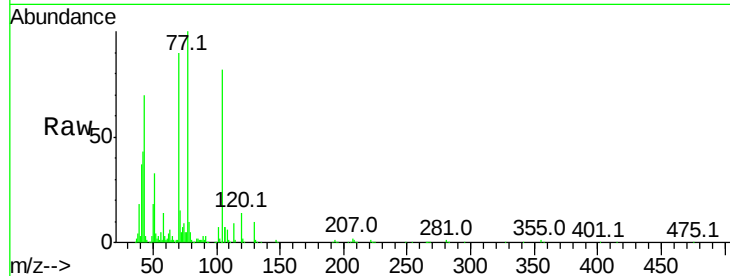
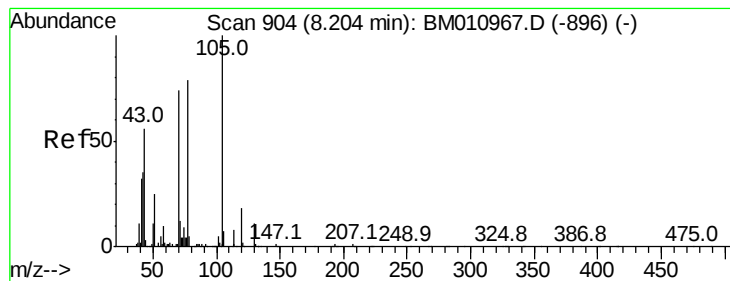
Sohil
8/18/2017 7:05:16 PM



#18
Hexachloroethane
Concen: 38.049 ng
RT: 8.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.0	79.2	118.8	
201	116.8	69.8	104.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 45.472 ng

RT: 8.09 min Scan# 901

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

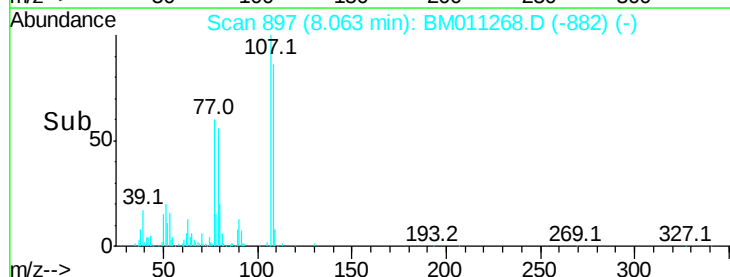
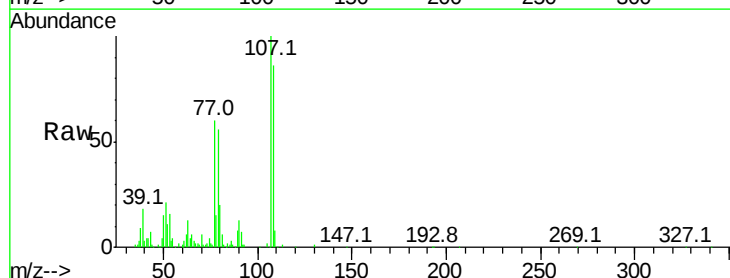
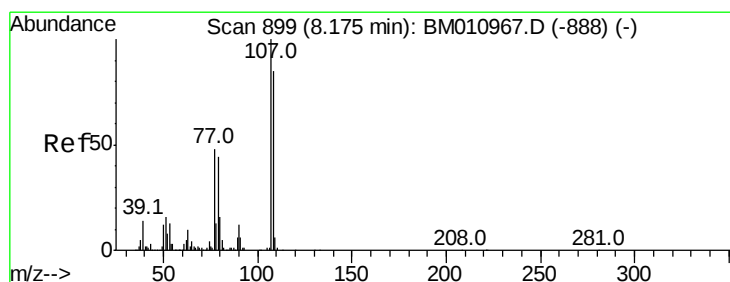
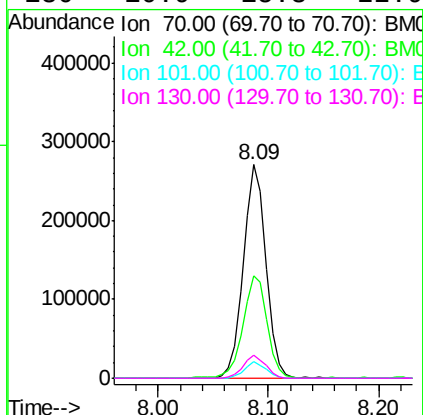
ClientSampleId :

PB101642BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.8	44.5	66.7	
101	7.7	7.4	11.2	
130	10.9	15.3	22.9	#

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#20

3+4-Methylphenols

Concen: 38.358 ng

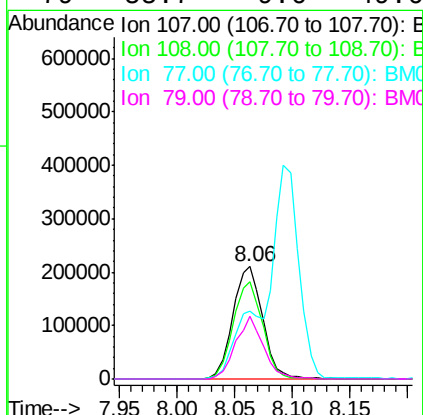
RT: 8.06 min Scan# 897

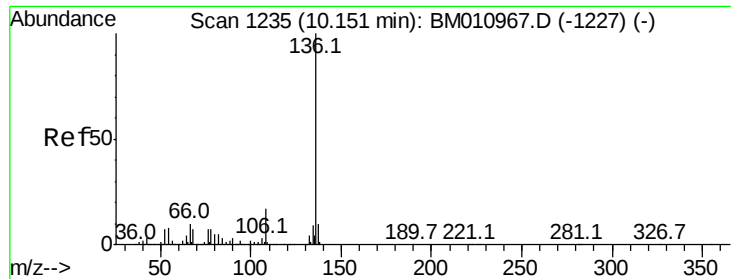
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	73.2	113.2	
77	59.9	10.7	50.7	#
79	55.7	9.6	49.6	#





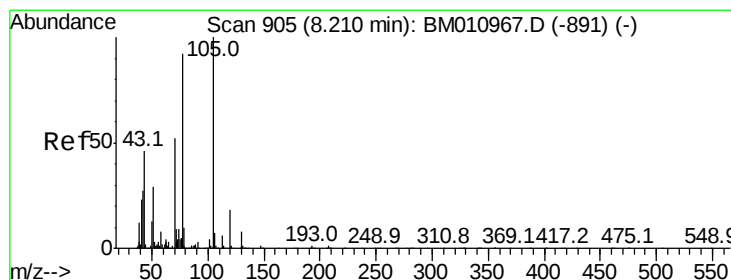
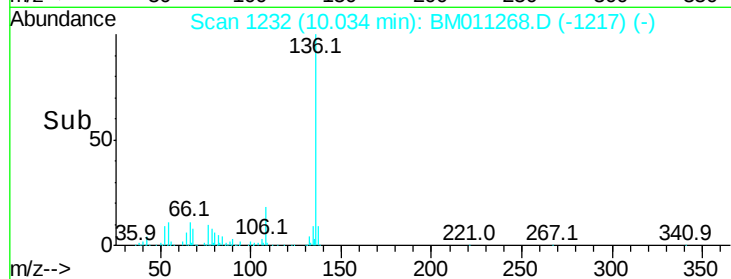
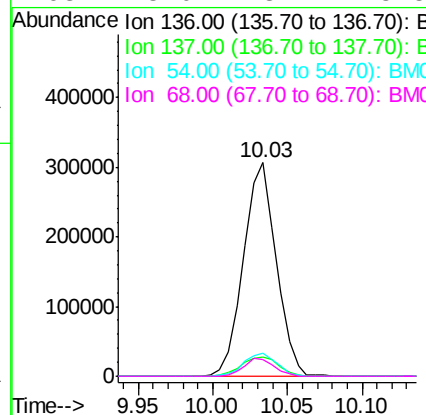
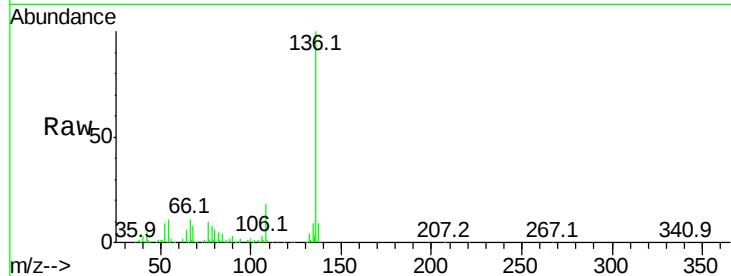
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.03 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	466209		
137	8.9		8.7	13.1
54	10.8		4.6	6.8#
68	8.0		3.7	5.5#

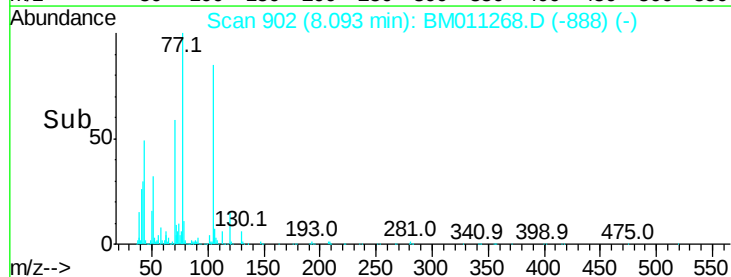
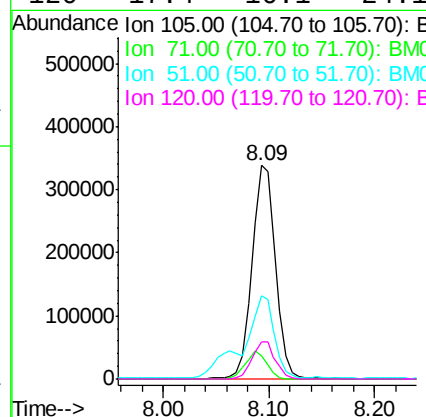
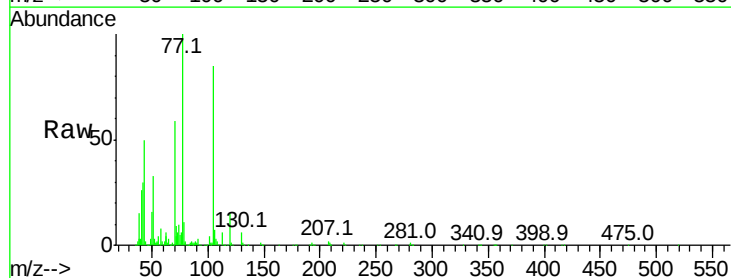
Manual Integrations
APPROVED

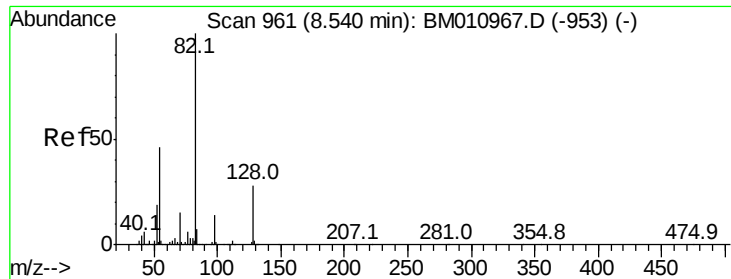
Sohil
8/18/2017 7:05:16 PM



#22
Acetophenone
Concen: 37.715 ng
RT: 8.09 min Scan# 902
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	527068		
71	10.9		0.6	1.0#
51	38.8		21.6	32.4#
120	17.4		16.1	24.1





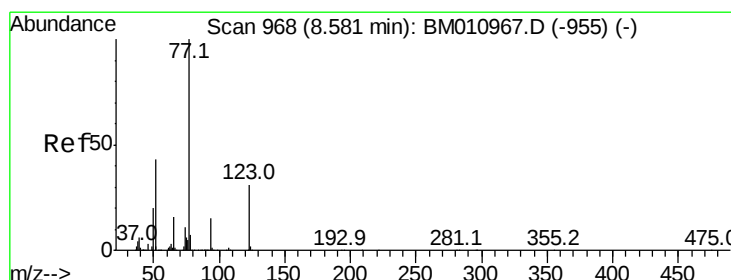
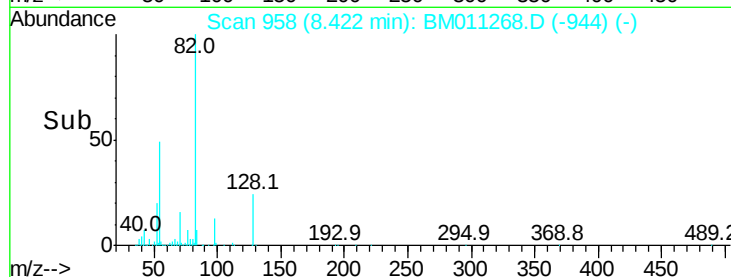
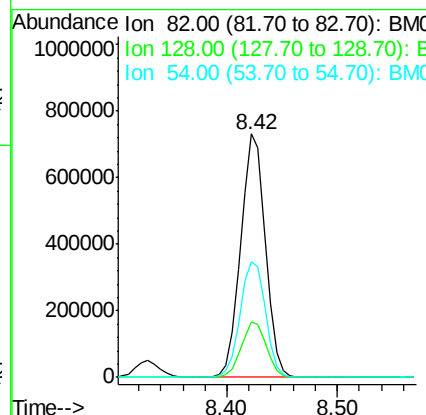
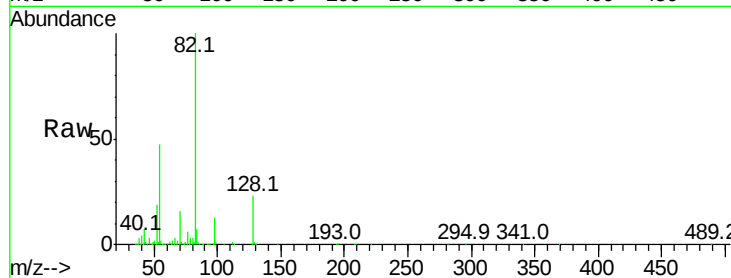
#23
 Nitrobenzene-d5
 Concen: 92.900 ng
 RT: 8.42 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Instrument :
 BNA_M
 ClientSampleID :
 PB101642BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	22.8	32.8	49.2#
54	47.4	40.6	60.8

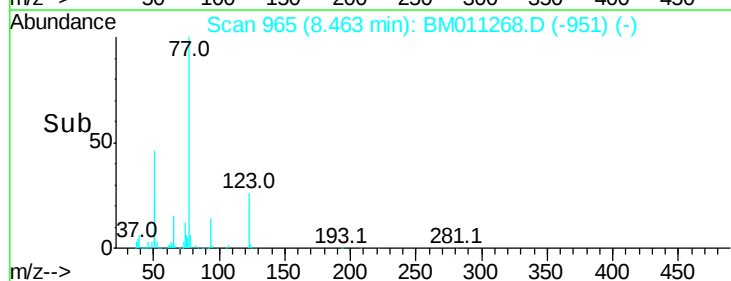
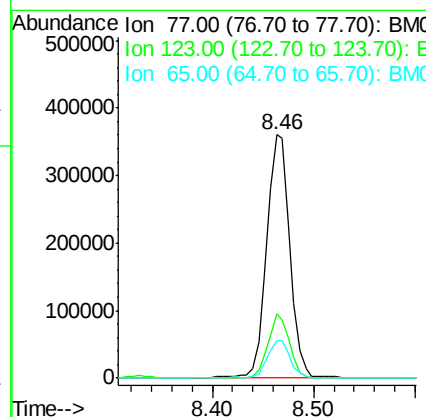
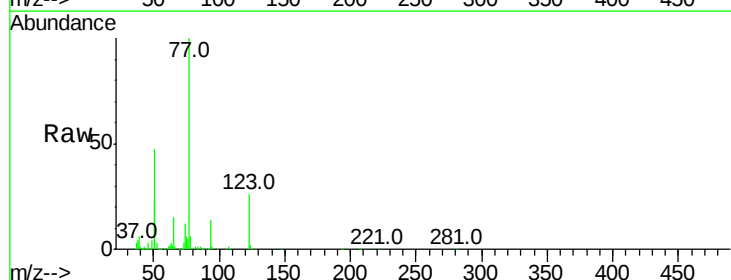
Manual Integrations
 APPROVED

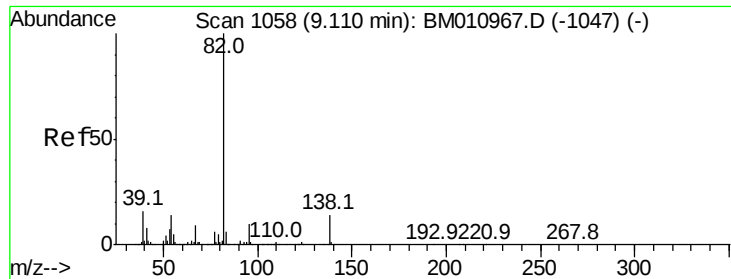
Sohil
 8/18/2017 7:05:16 PM



#24
 Nitrobenzene
 Concen: 44.947 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	26.3	32.6	49.0#
65	15.4	10.9	16.3





#25

Isophorone

Concen: 44.157 ng

RT: 8.99 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

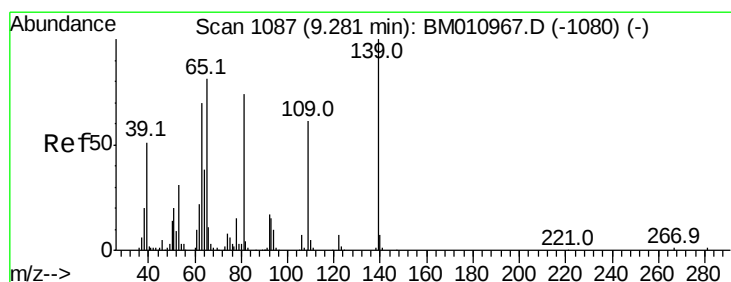
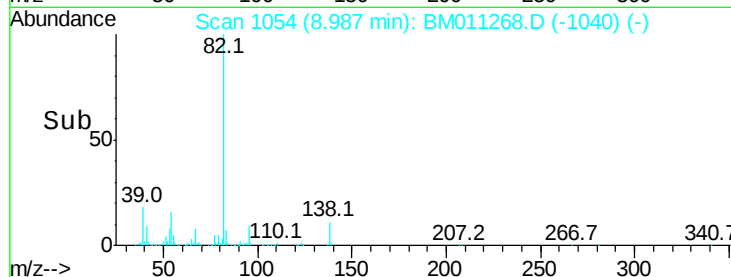
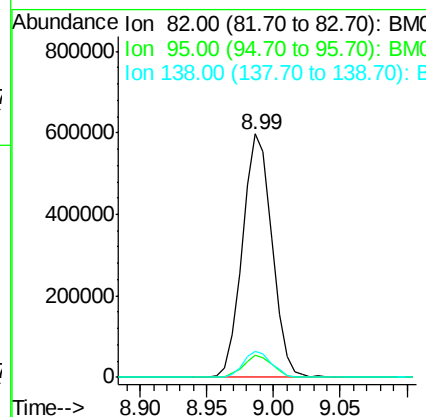
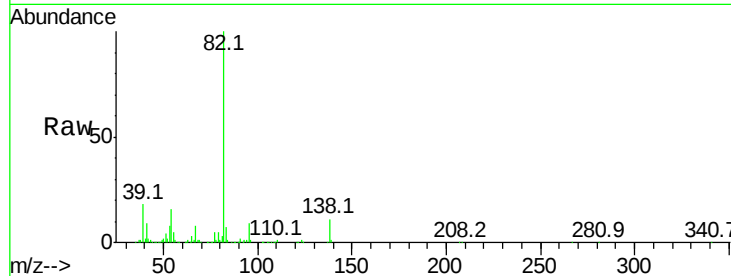
ClientSampleId :

PB101642BS

Tot Ion	82	Resp	914552
Ion Ratio	Lower	Upper	
82	100		
95	8.9	5.8	8.6#
138	10.7	16.3	24.5#

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#26

2-Nitrophenol

Concen: 38.008 ng

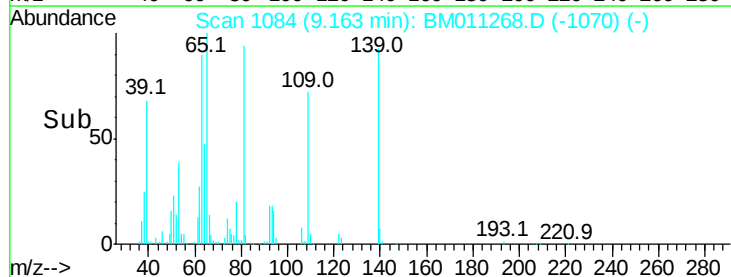
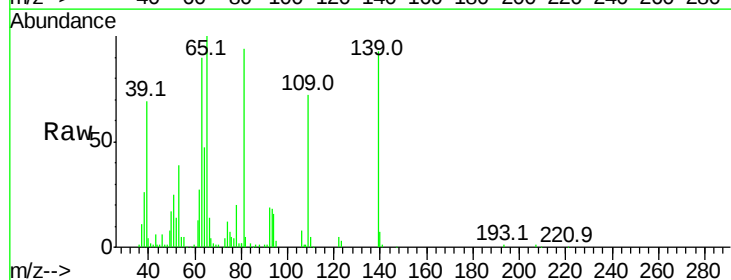
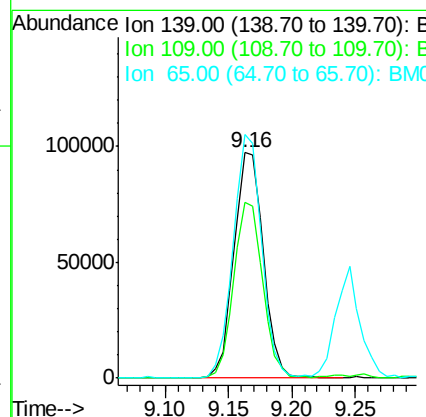
RT: 9.16 min Scan# 1084

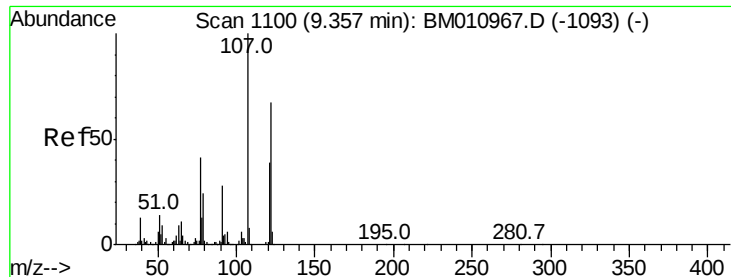
Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion	139	Resp	155670
Ion Ratio	Lower	Upper	
139	100		
109	77.7	20.1	30.1#
65	107.9	31.5	47.3#





#27

2,4-Dimethylphenol

Concen: 36.783 ng

RT: 9.25 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

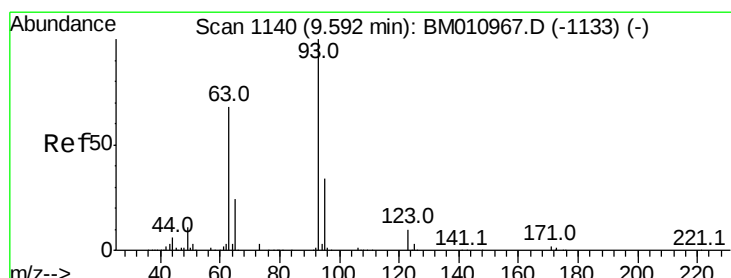
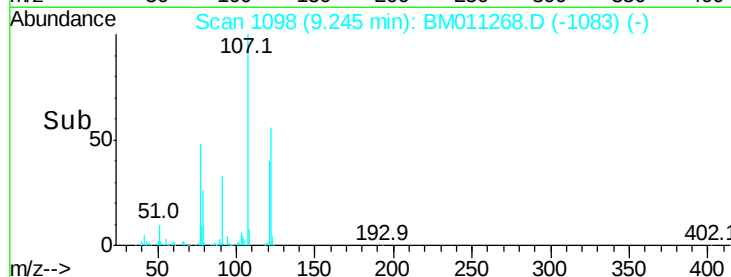
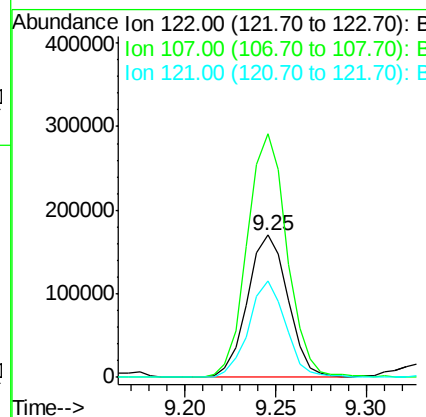
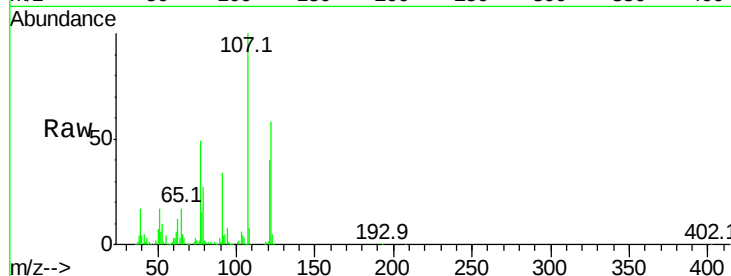
ClientSampleId :

PB101642BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	171.5	84.7	127.1#
121	67.8	46.6	69.8

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.112 ng

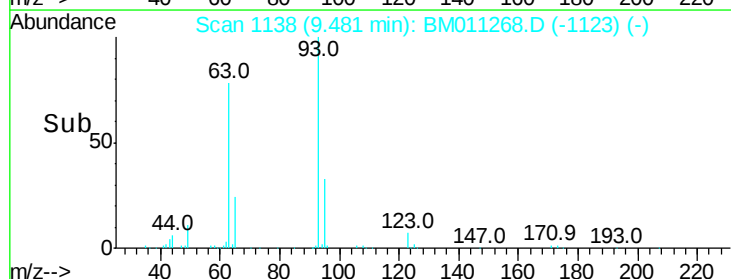
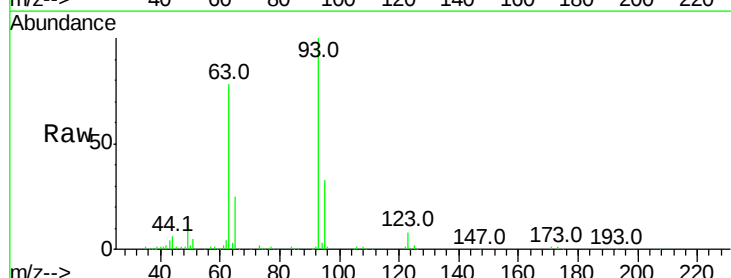
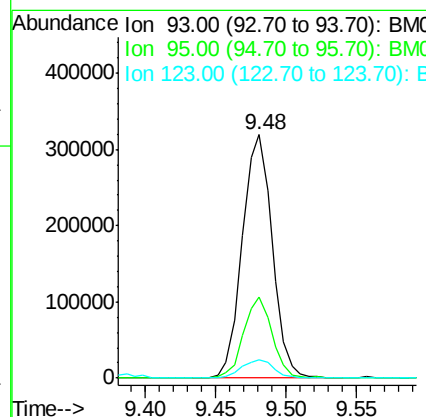
RT: 9.48 min Scan# 1138

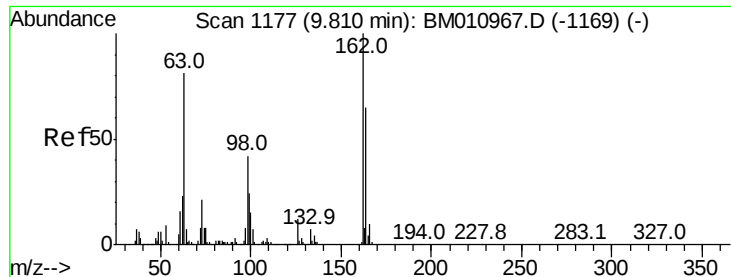
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.5	38.3
123	7.6	8.6	13.0#





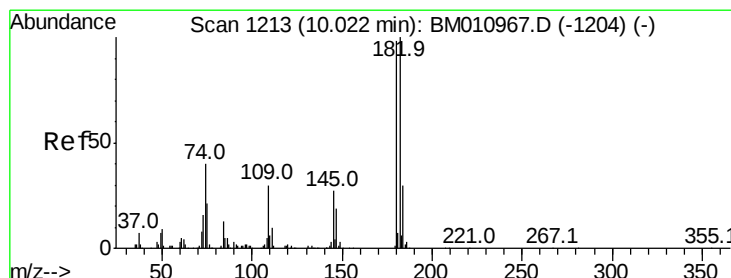
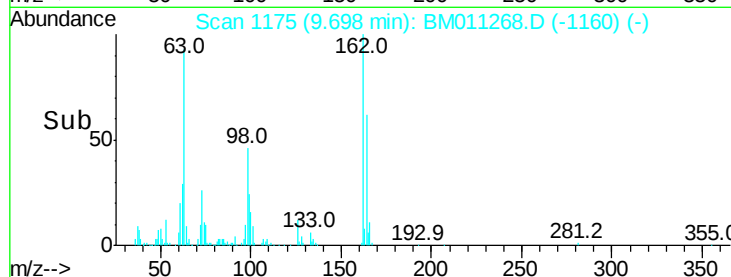
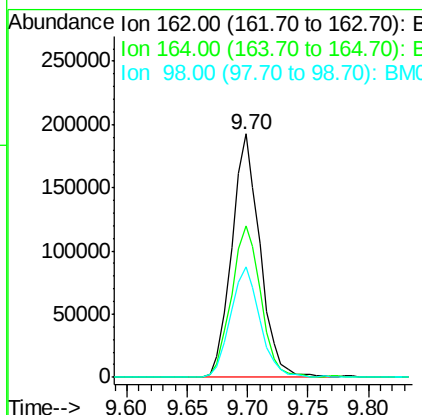
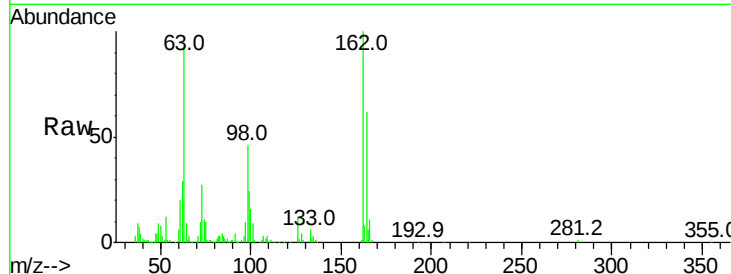
#29
2,4-Dichlorophenol
Concen: 38.776 ng
RT: 9.70 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampled :
PB101642BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	314158		
164	62.3	42.8	82.8	
98	45.6	14.5	54.5	

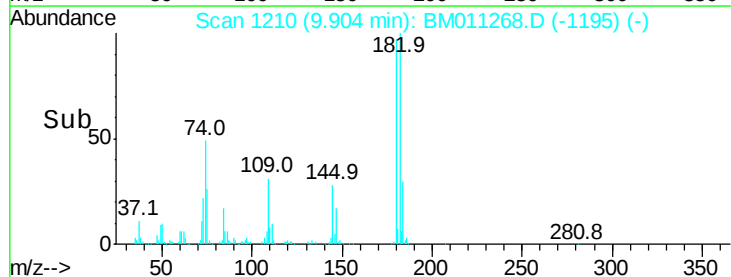
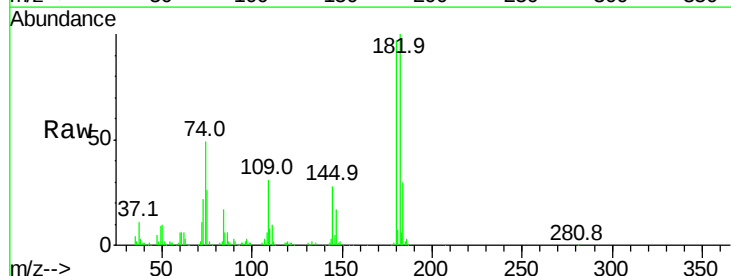
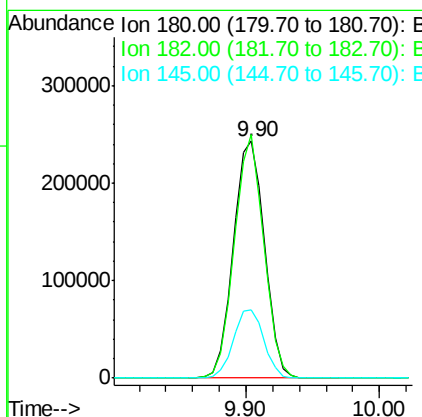
Manual Integrations
APPROVED

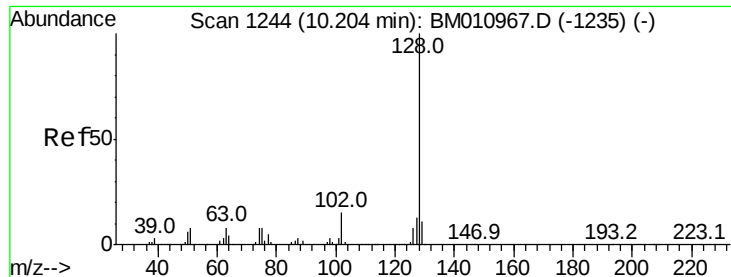
Sohil
8/18/2017 7:05:16 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.200 ng
RT: 9.90 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	392689		
182	102.8	77.6	116.4	
145	28.6	23.4	35.2	





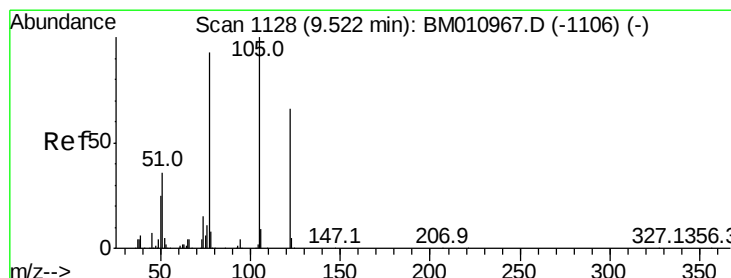
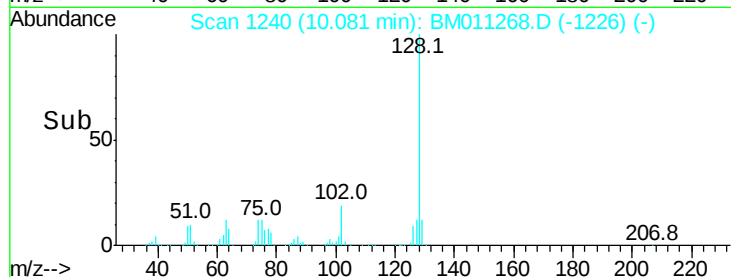
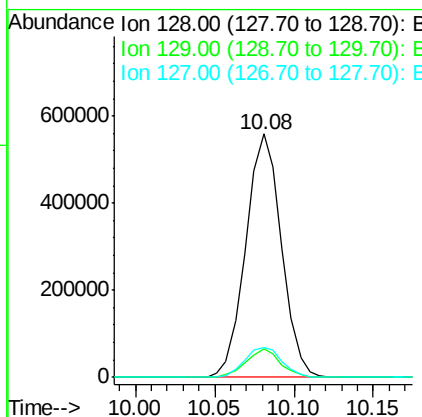
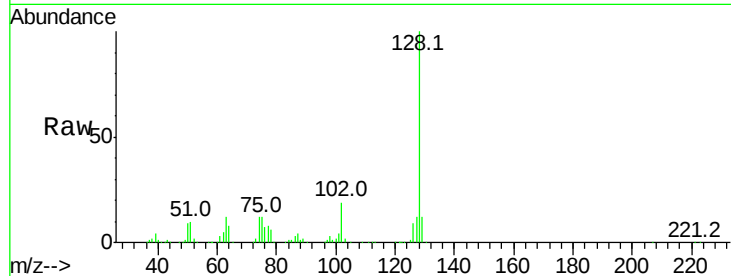
#31
Naphthalene
Concen: 37.099 ng
RT: 10.08 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampled :
PB101642BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	870096		
129	12.0		8.9	13.3
127	12.3		10.4	15.6

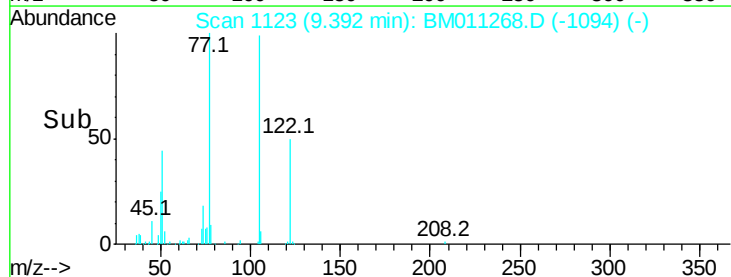
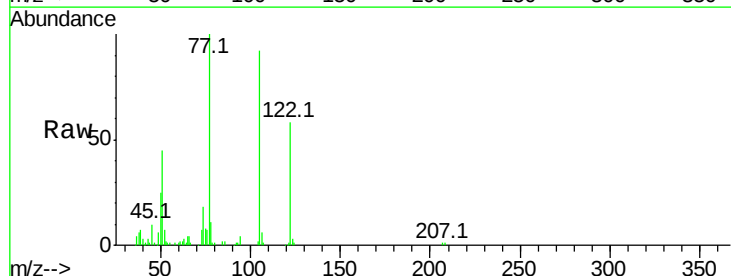
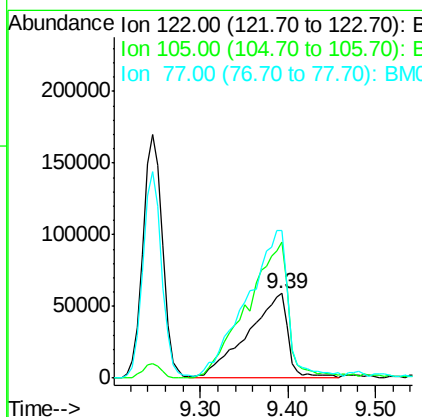
Manual Integrations
APPROVED

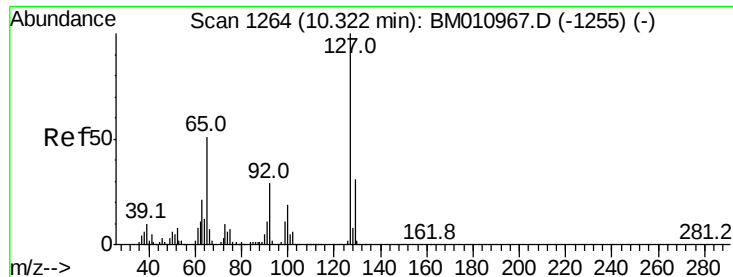
Sohil
8/18/2017 7:05:16 PM



#32
Benzoic acid
Concen: 31.921 ng
RT: 9.39 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	184991		
105	160.6		99.9	139.9#
77	173.8		73.7	113.7#





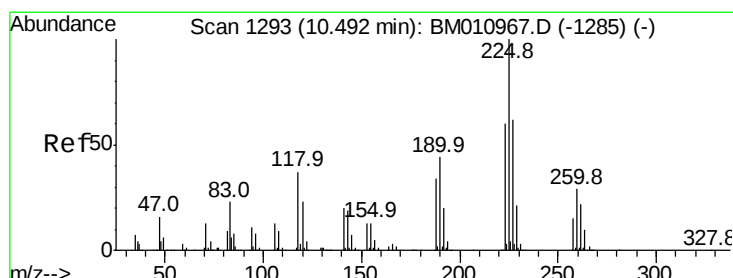
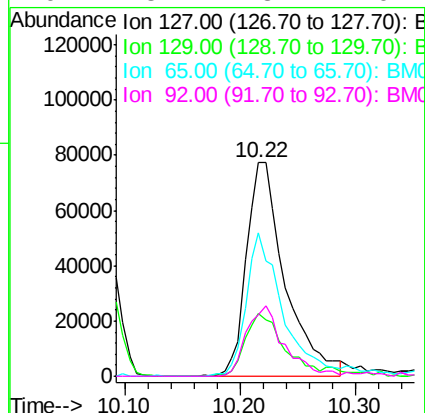
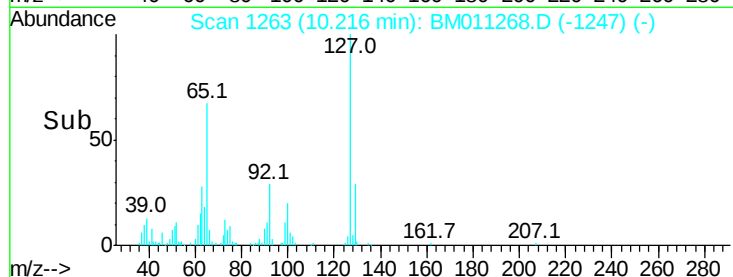
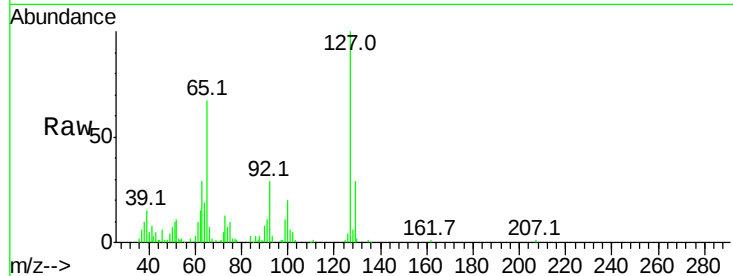
#33
4-Chloroaniline
Concen: 19.288 ng
RT: 10.22 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.5	25.3	37.9		
65	67.0	17.6	26.4		
92	28.7	13.1	19.7		

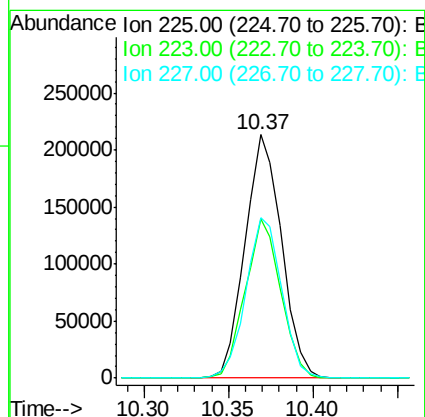
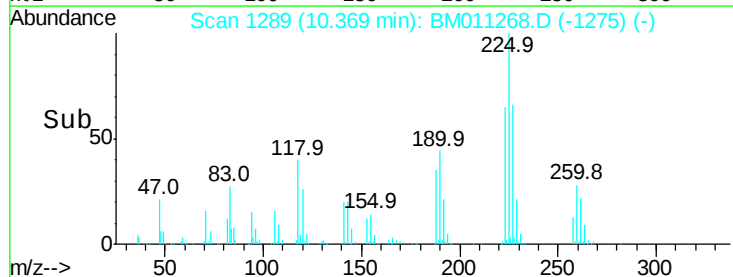
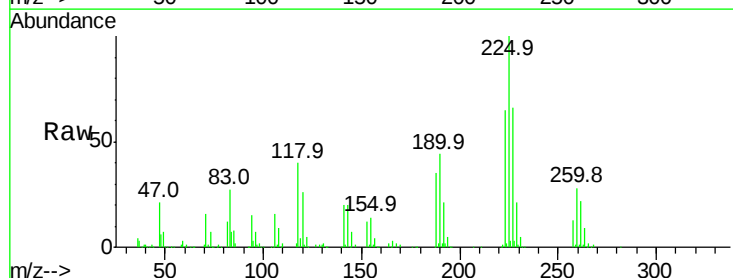
Manual Integrations
APPROVED

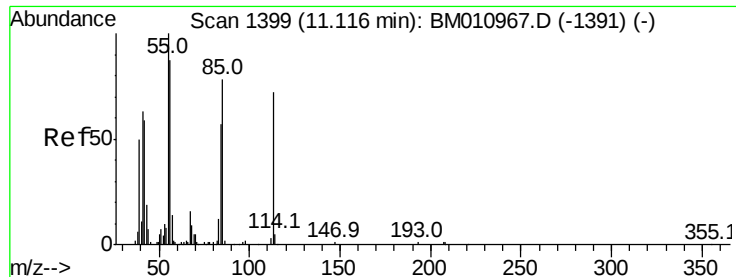
Sohil
8/18/2017 7:05:16 PM



#34
Hexachlorobutadiene
Concen: 40.679 ng
RT: 10.37 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.1	47.9	71.9		
227	65.8	50.1	75.1		





#35

Caprolactam

Concen: 41.934 ng m

RT: 11.00 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

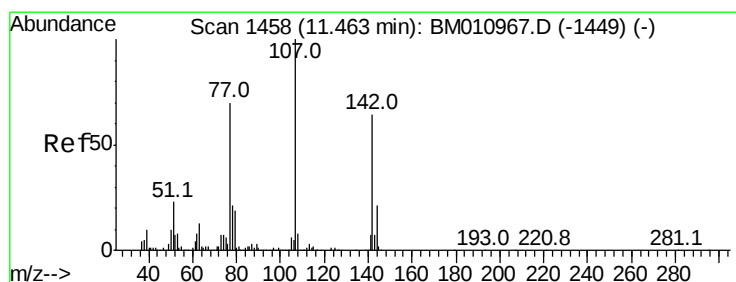
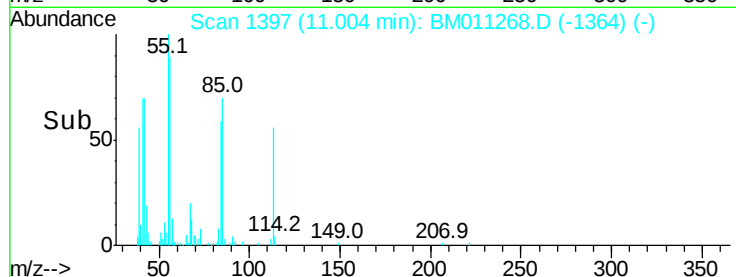
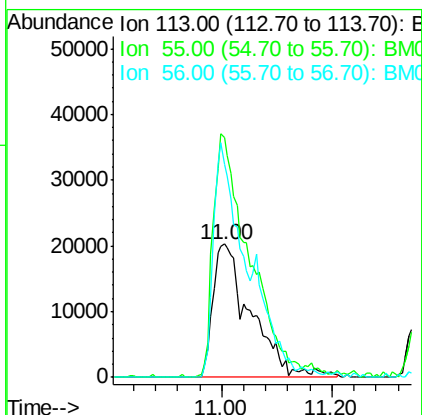
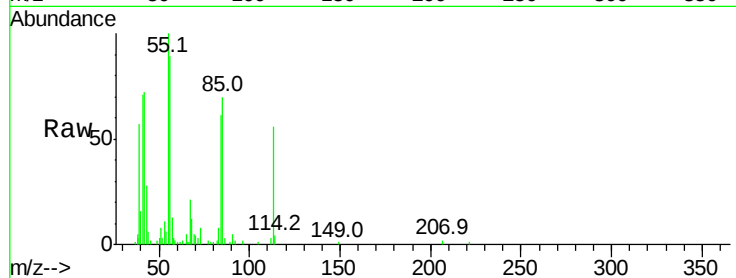
ClientSampleId :

PB101642BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	180.0	145.9	185.9
56	160.6	101.0	141.0

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#36

4-Chloro-3-methylphenol

Concen: 39.446 ng

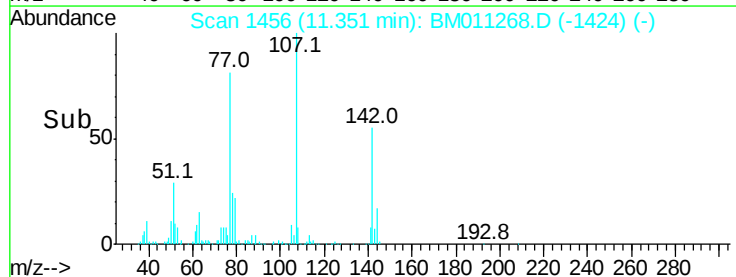
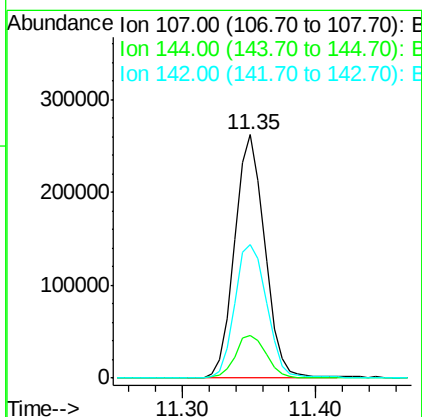
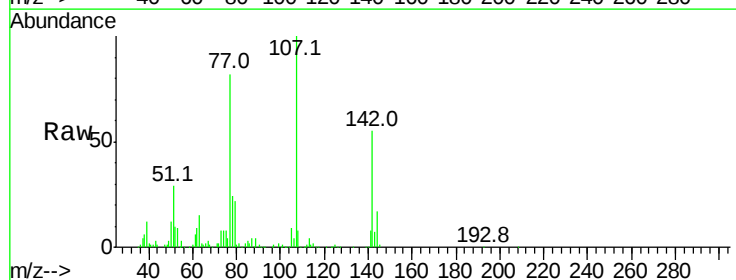
RT: 11.35 min Scan# 1456

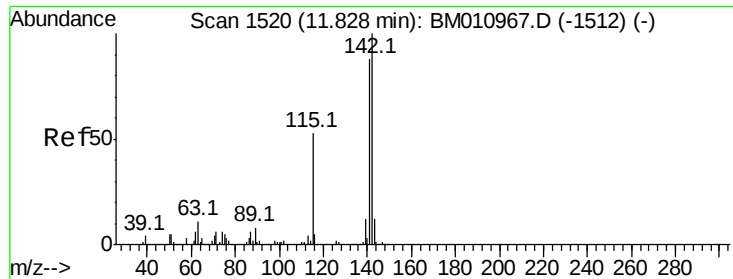
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	17.3	23.3	34.9
142	55.1	72.6	109.0





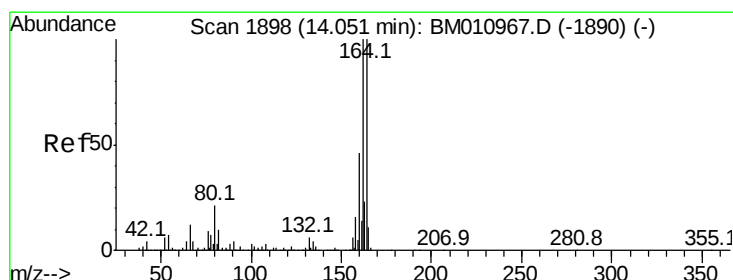
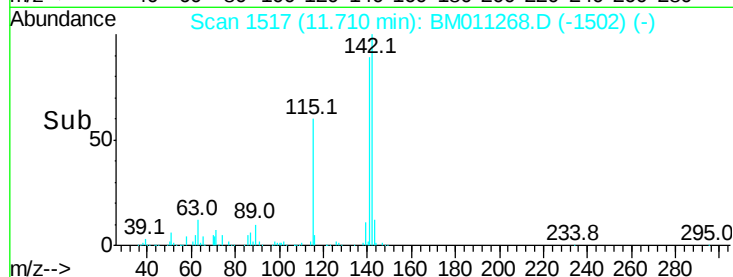
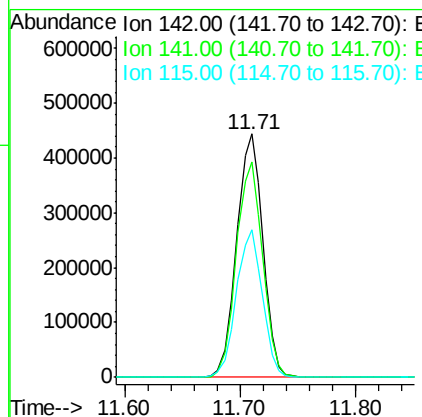
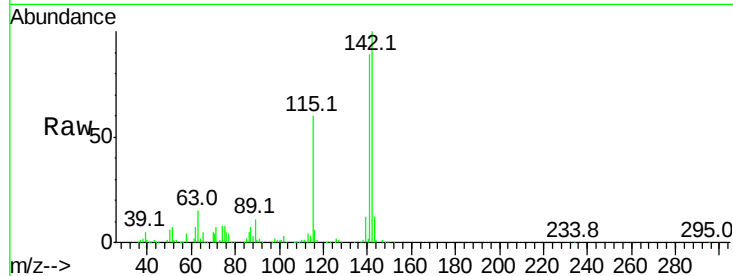
#37
2-Methylnaphthalene
Concen: 40.519 ng
RT: 11.71 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.9	107.9
115	60.4	25.4	38.0

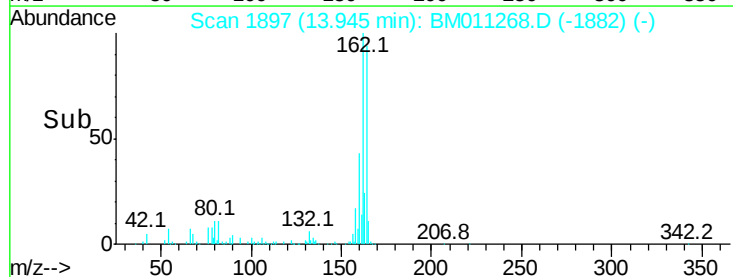
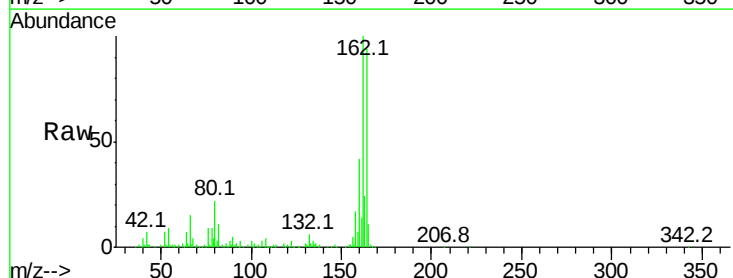
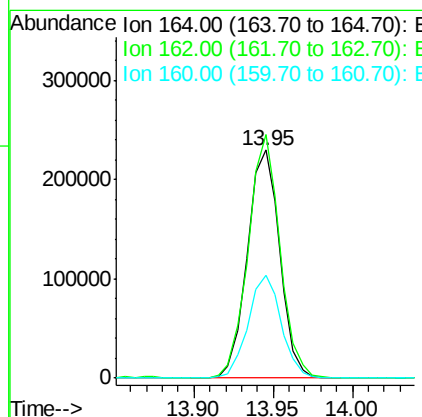
Manual Integrations
APPROVED

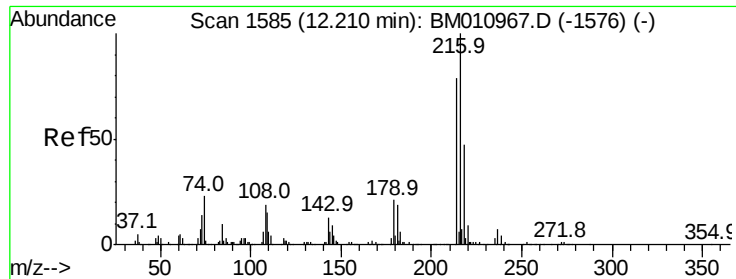
Sohil
8/18/2017 7:05:16 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.95 min Scan# 1897
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.4	123.6
160	45.3	35.8	53.6





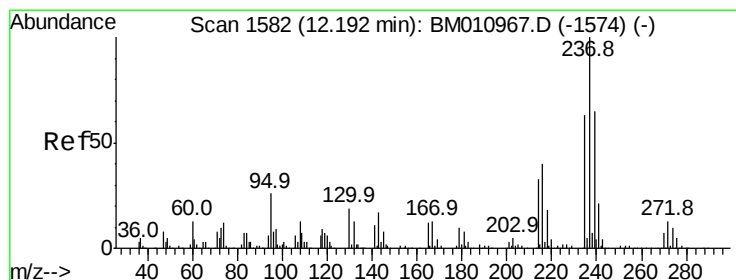
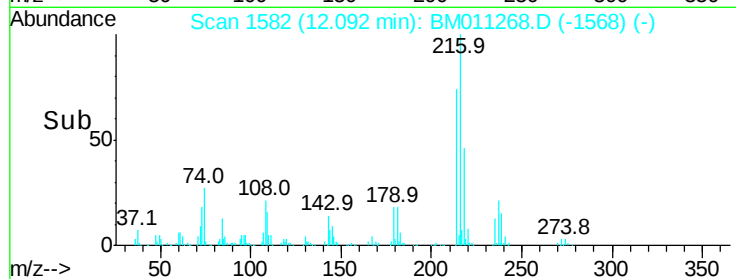
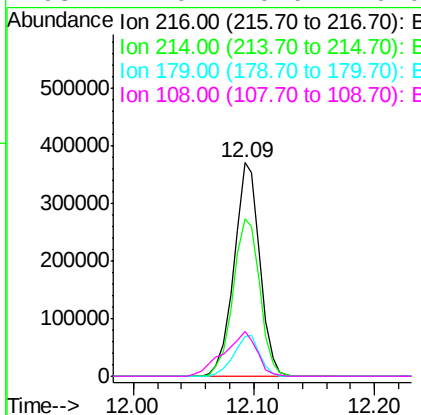
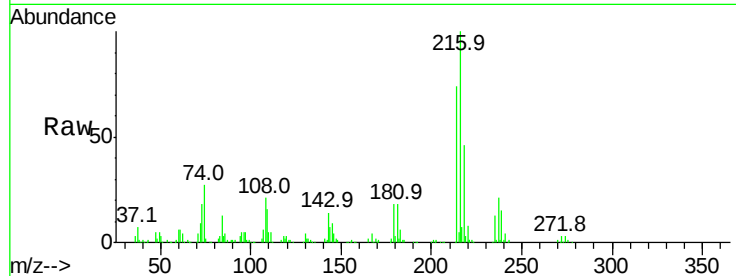
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.182 ng
 RT: 12.09 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Instrument :
 BNA_M
 ClientSampled :
 PB101642BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	76.7	0.0	0.0	0.0
179	19.3	0.0	0.0	0.0
108	27.0	0.0	0.0	0.0

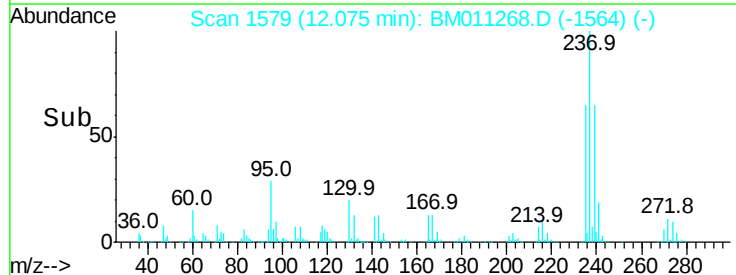
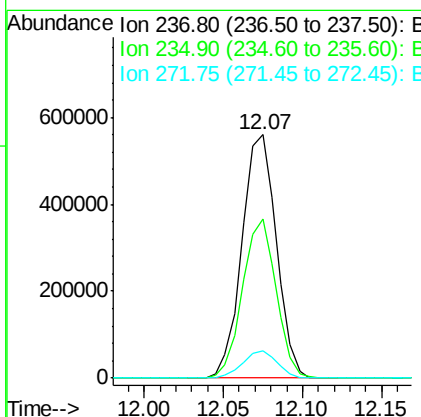
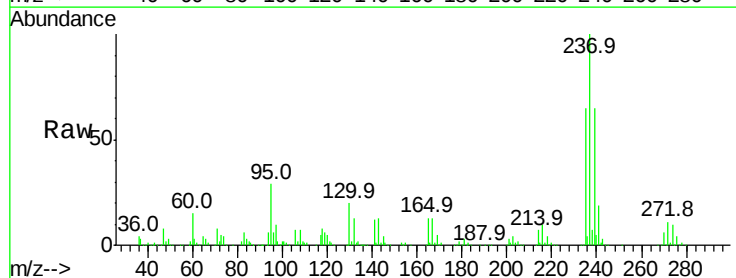
Manual Integrations
 APPROVED

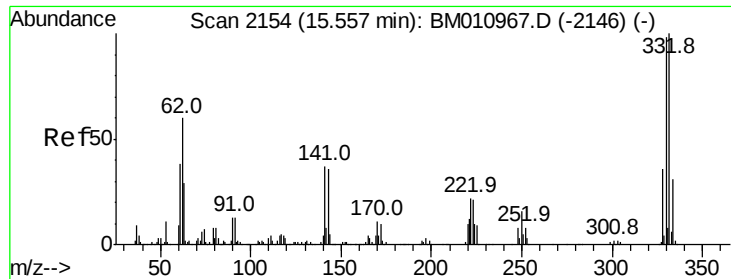
Sohil
 8/18/2017 7:05:16 PM



#40
 Hexachlorocyclopentadiene
 Concen: 103.708 ng
 RT: 12.07 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.1	42.0	82.0	
272	11.4	0.0	33.4	





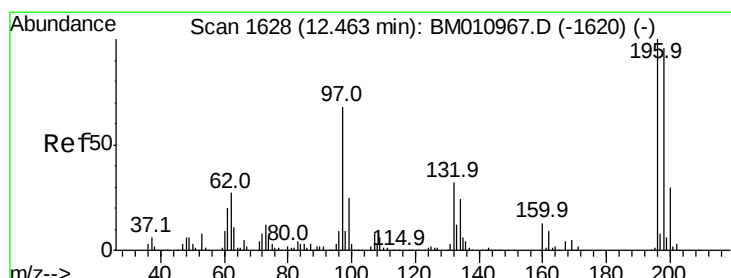
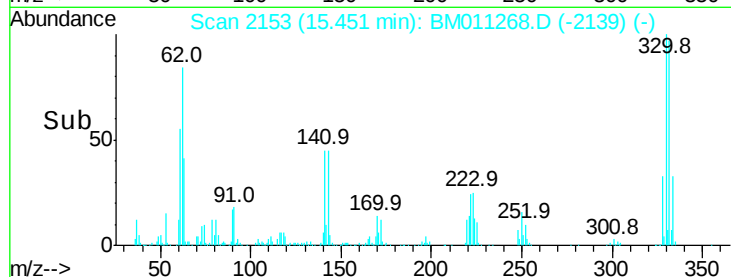
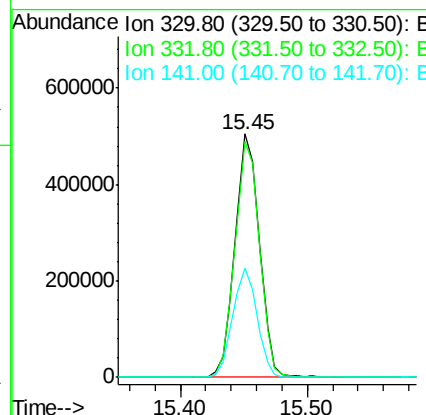
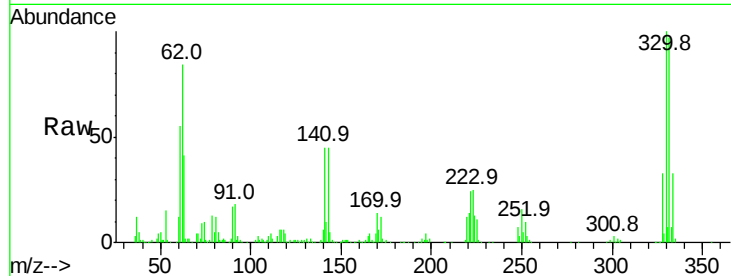
#41
 2,4,6-Tribromophenol
 Concen: 128.505 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.0	0.0	0.0#
141	44.6	0.0	0.0#

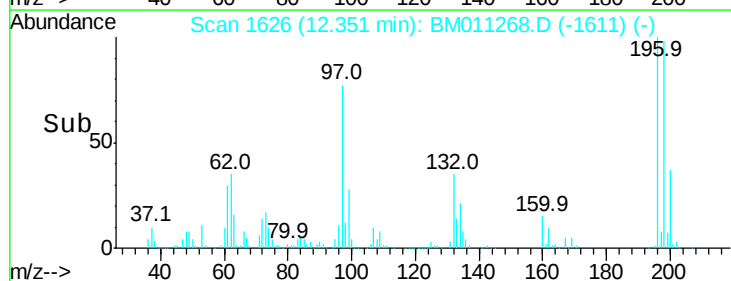
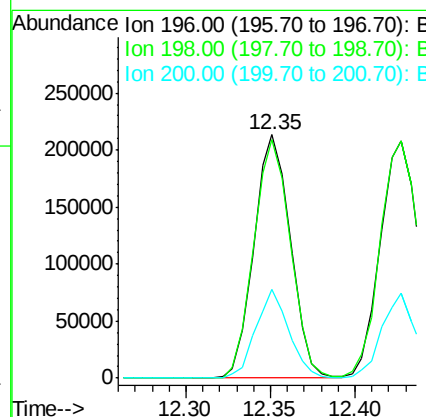
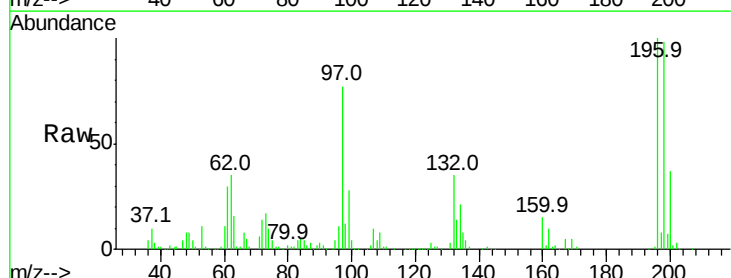
Manual Integrations
 APPROVED

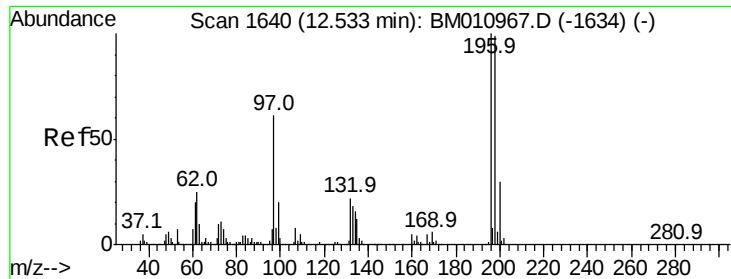
Sohil
 8/18/2017 7:05:16 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.921 ng
 RT: 12.35 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	97.9	76.3	114.5
200	36.7	25.6	38.4





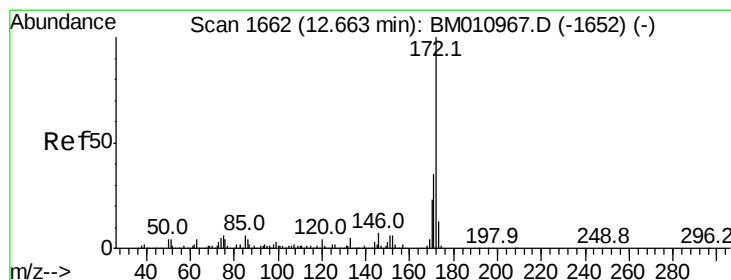
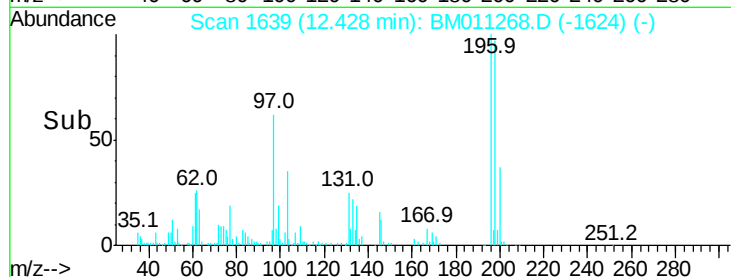
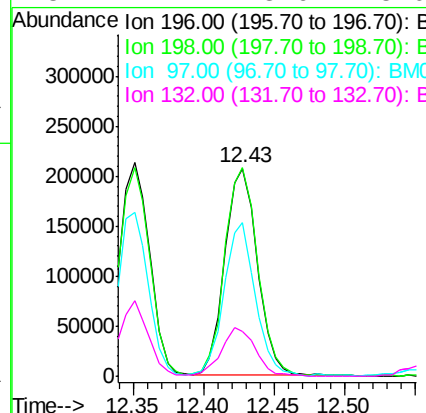
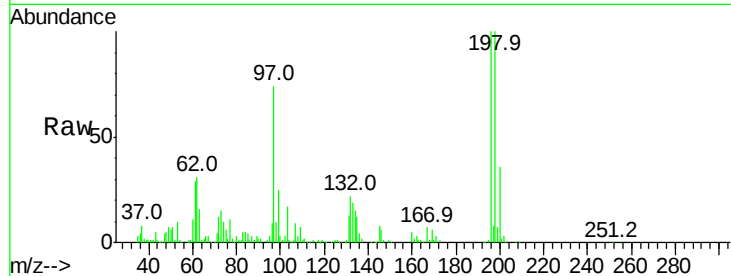
#43
 2,4,5-Trichlorophenol
 Concen: 38.412 ng
 RT: 12.43 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

Tot Ion	196	Resp	334934
Ion Ratio	Lower	Upper	
196	100		
198	100.2	79.4	119.0
97	73.8	26.8	40.2#
132	21.7	18.6	28.0

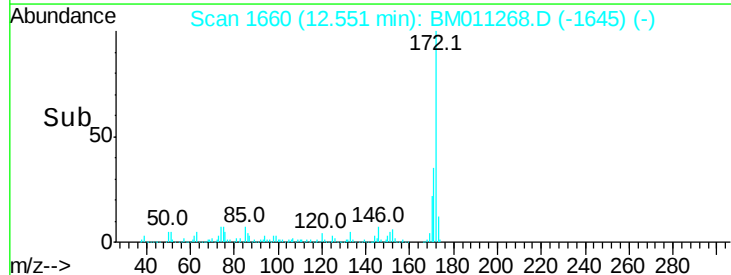
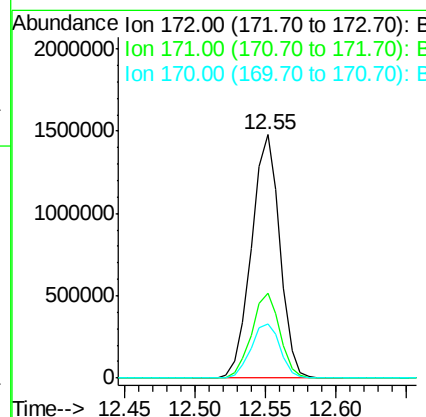
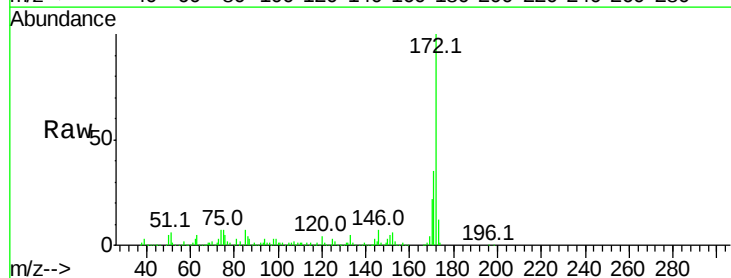
Manual Integrations
 APPROVED

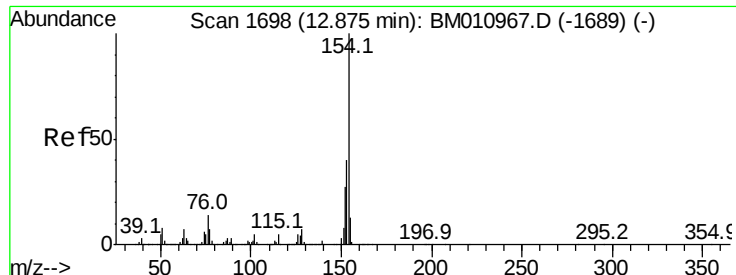
Sohil
 8/18/2017 7:05:16 PM



#44
 2-Fluorobiphenyl
 Concen: 80.487 ng
 RT: 12.55 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	172	Resp	2089383
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.5	42.7
170	22.3	18.8	28.2





#45

1,1'-Biphenyl

Concen: 34.868 ng

RT: 12.76 min Scan# 1696

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

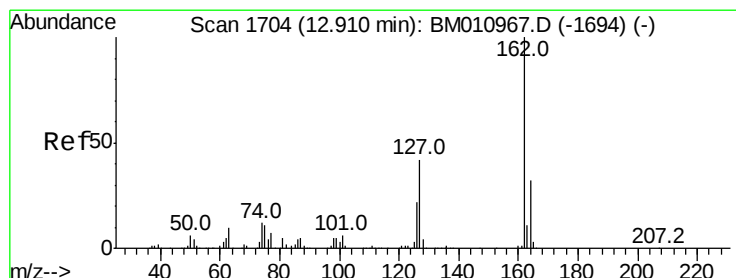
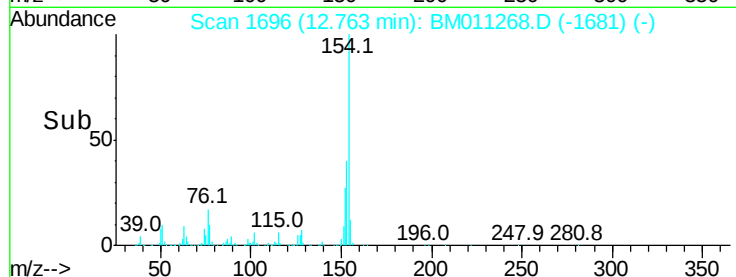
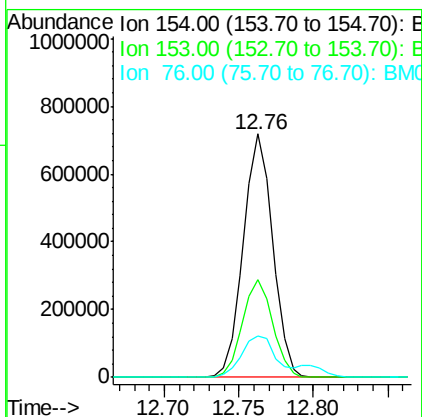
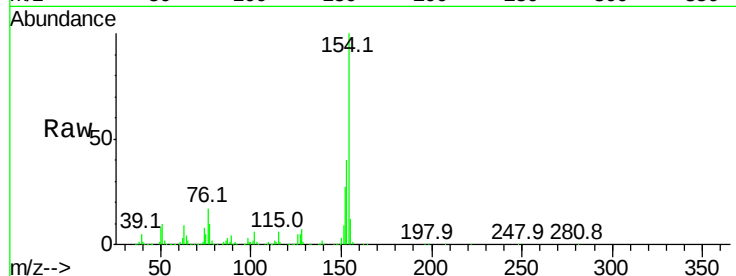
ClientSampleId :

PB101642BS

Tot Ion:	154	Resp:	981575
Ion Ratio	Lower	Upper	
154	100		
153	40.2	20.7	60.7
76	17.2	0.0	30.9

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#46

2-Chloronaphthalene

Concen: 37.736 ng

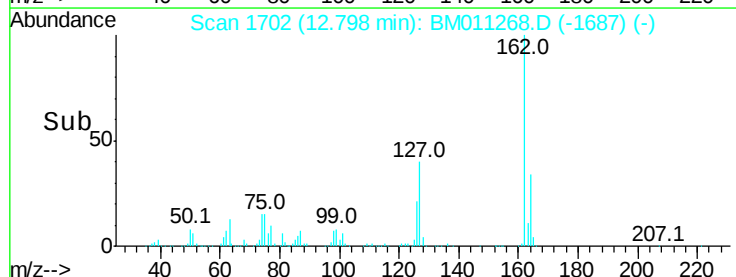
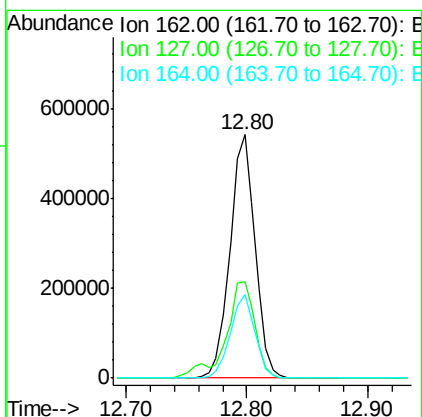
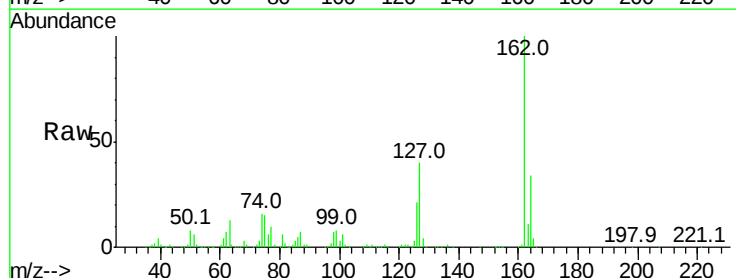
RT: 12.80 min Scan# 1702

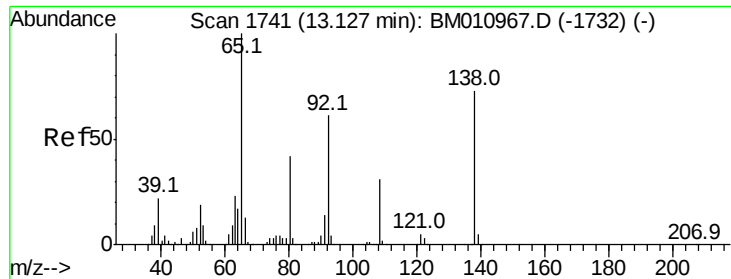
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion:	162	Resp:	782686
Ion Ratio	Lower	Upper	
162	100		
127	39.5	26.9	40.3
164	34.1	26.8	40.2





#47

2-Nitroaniline

Concen: 51.480 ng

RT: 13.02 min Scan# 1740

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampled :

PB101642BS

Tot Ion: 65 Resp: 377744

Ion Ratio Lower Upper

65 100

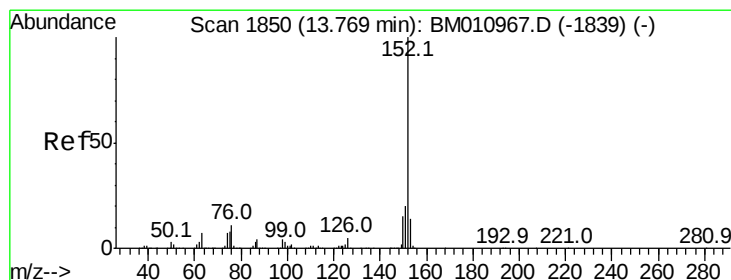
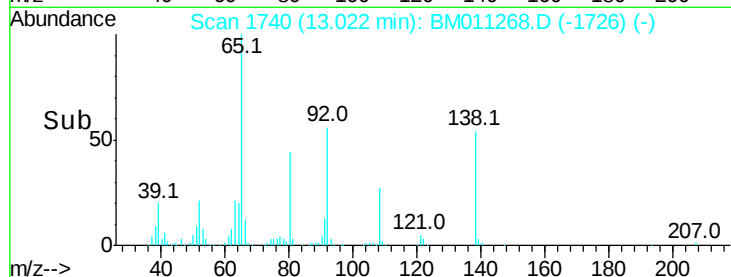
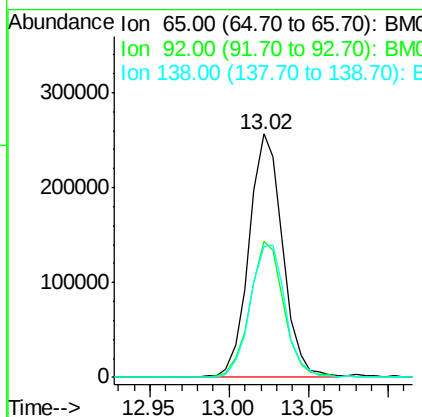
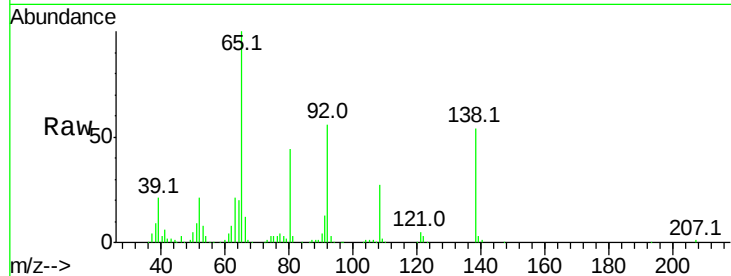
92 56.0 59.1 88.7#

138 53.5 93.9 140.9#

Manual Integrations
APPROVED

Sohil

8/18/2017 7:05:16 PM



#48

Acenaphthylene

Concen: 39.027 ng

RT: 13.66 min Scan# 1848

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

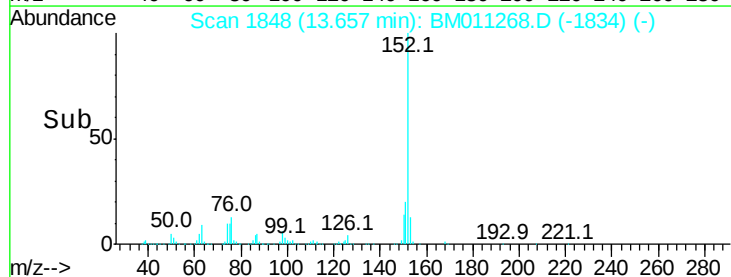
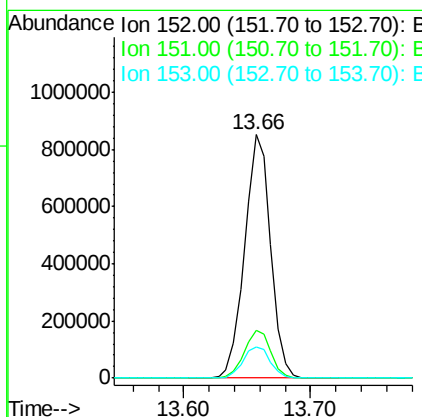
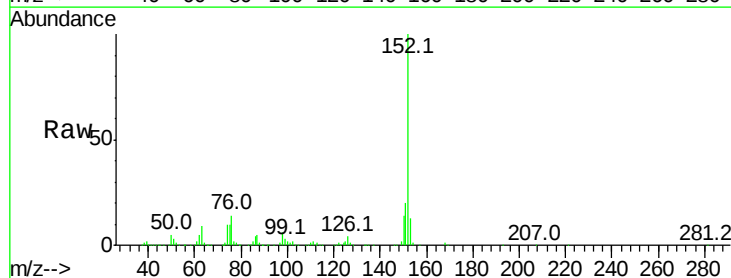
Tgt Ion: 152 Resp: 1208024

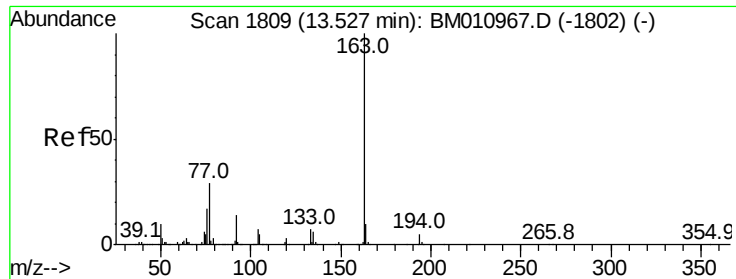
Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

153 12.6 10.6 16.0





#49

Dimethylphthalate

Concen: 38.672 ng

RT: 13.43 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

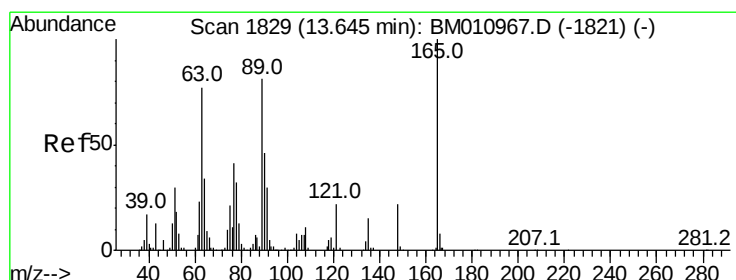
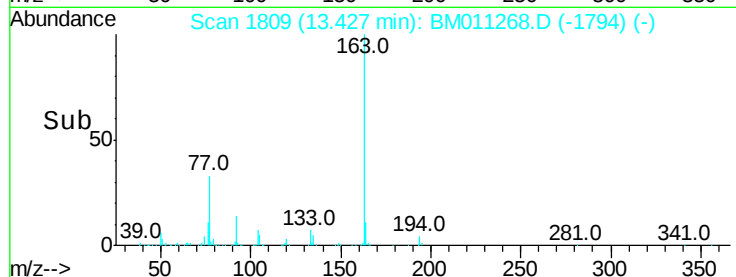
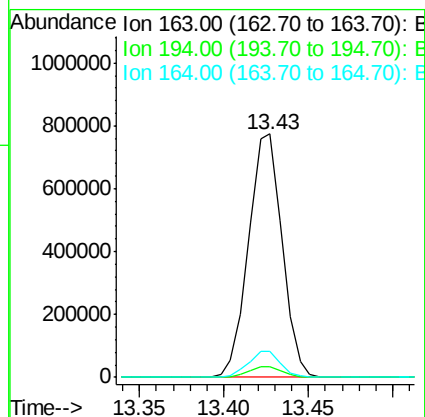
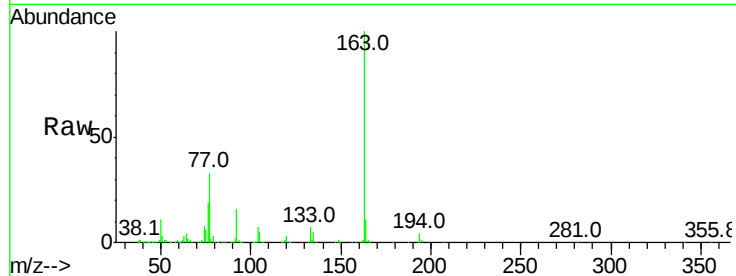
ClientSampled :

PB101642BS

Tot Ion:	163	Resp:	1077025
Ion Ratio	Lower	Upper	
163	100		
194	4.5	2.7	4.1#
164	10.9	8.2	12.2

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#50

2,6-Dinitrotoluene

Concen: 40.786 ng

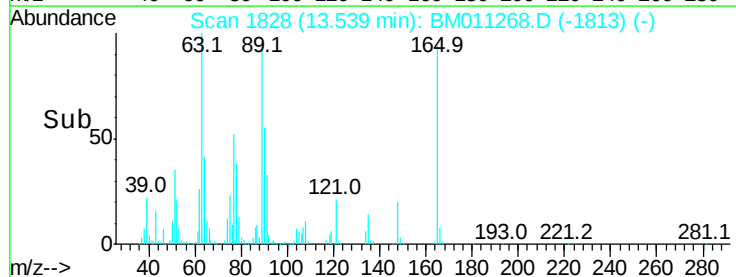
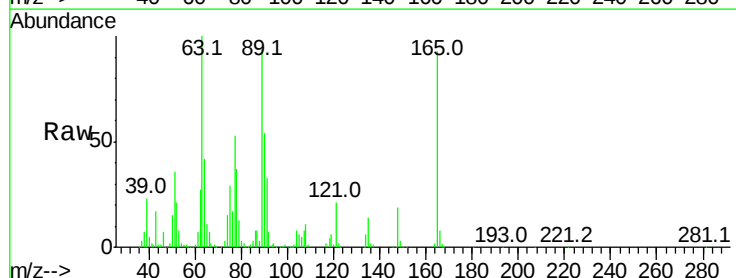
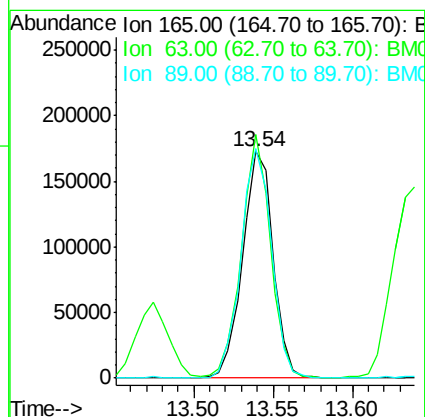
RT: 13.54 min Scan# 1828

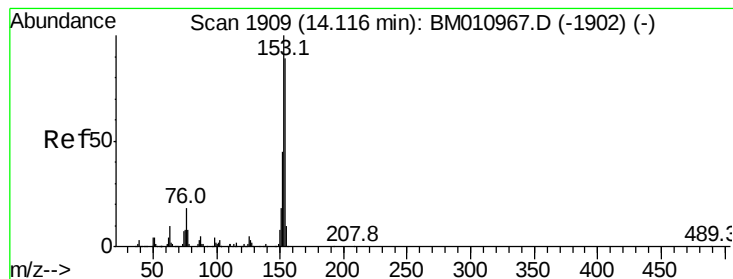
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion:	165	Resp:	229701
Ion Ratio	Lower	Upper	
165	100		
63	107.6	44.1	66.1#
89	101.6	44.3	66.5#





#51

Acenaphthene

Concen: 38.902 ng

RT: 14.01 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

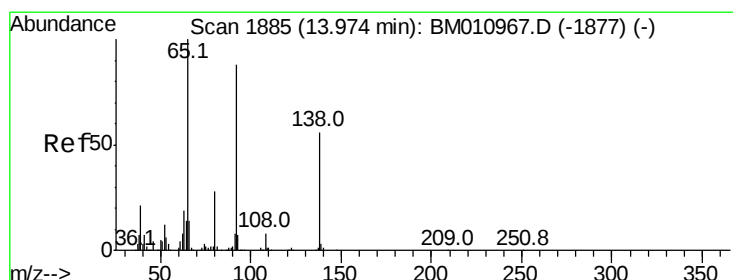
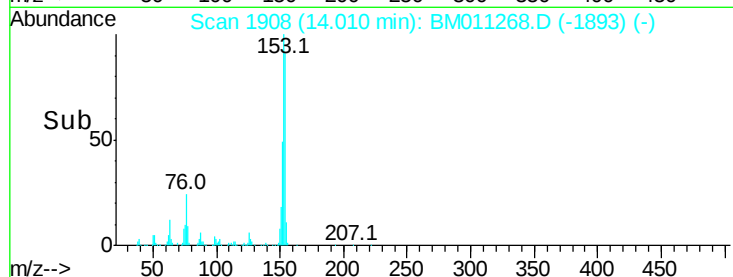
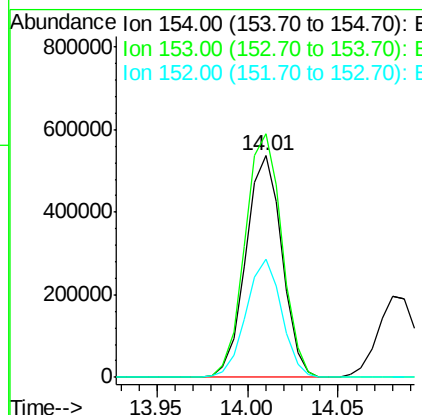
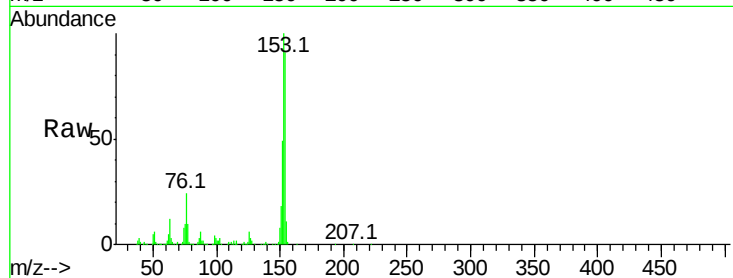
ClientSampleId :

PB101642BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.1	90.0	135.0
152	53.5	42.6	63.8

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#52

3-Nitroaniline

Concen: 36.309 ng

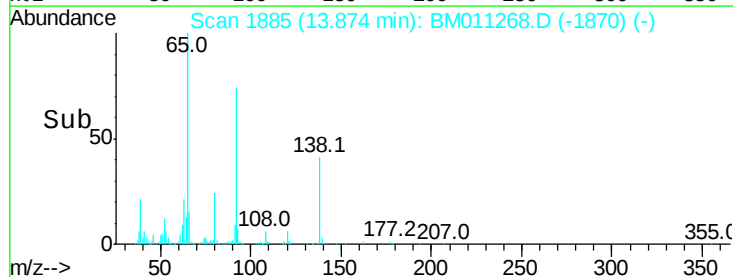
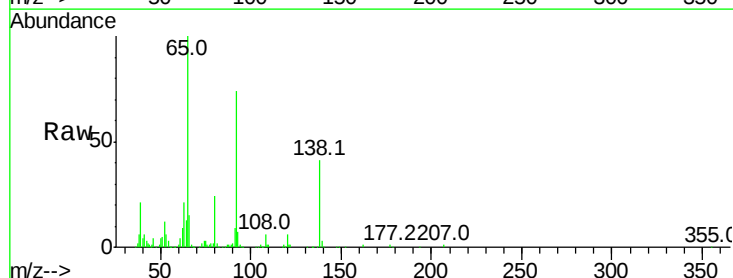
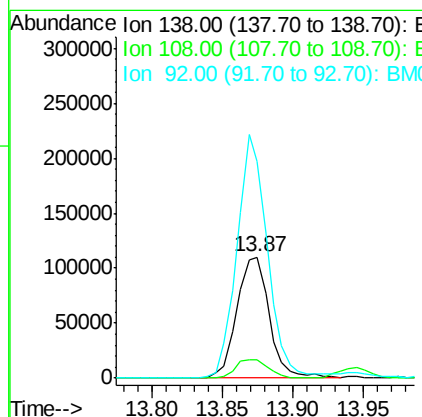
RT: 13.87 min Scan# 1885

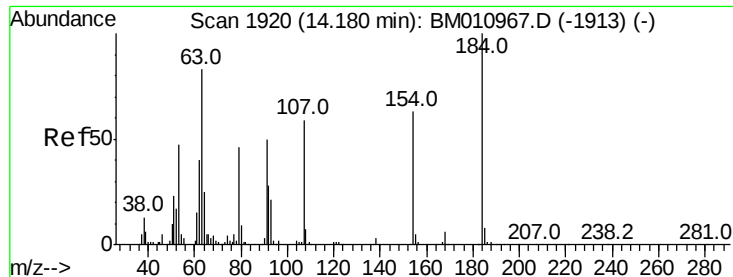
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
138	100		
108	14.9	7.3	10.9#
92	179.1	76.6	114.8#





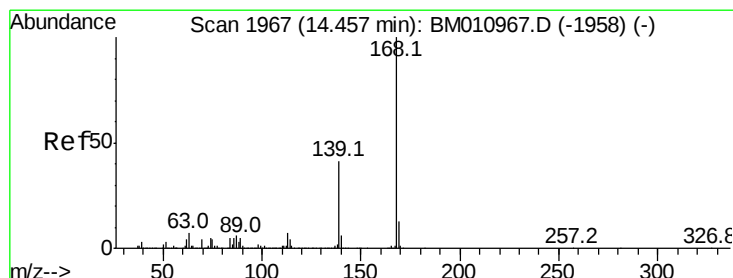
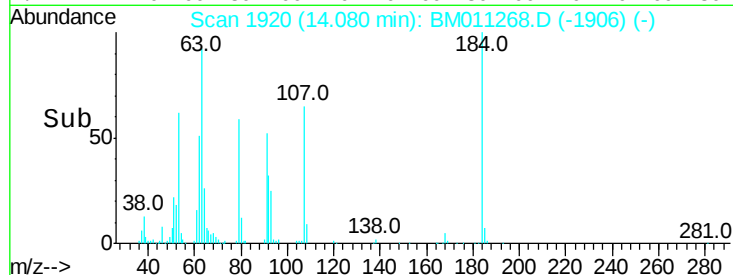
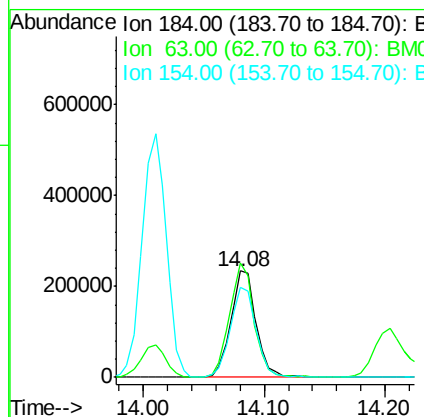
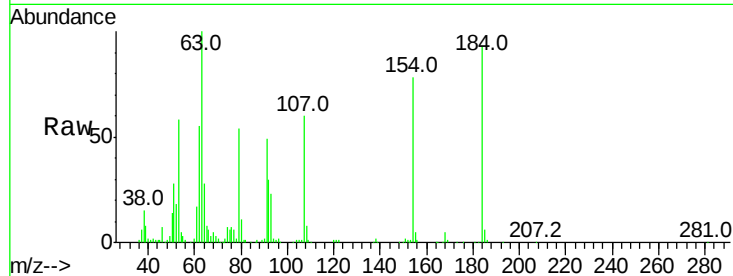
#53
2,4-Dinitrophenol
Concen: 85.218 ng
RT: 14.08 min Scan# 1920
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	341088		
63	107.9	69.2	103.8#	
154	84.1	53.3	79.9#	

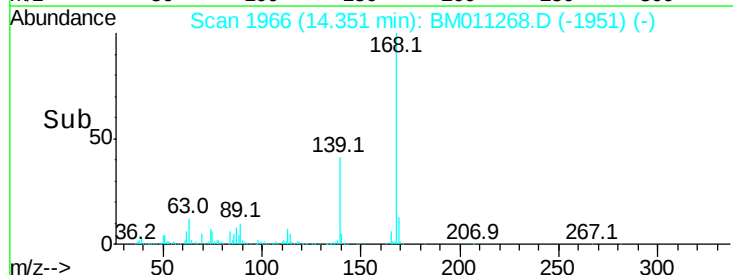
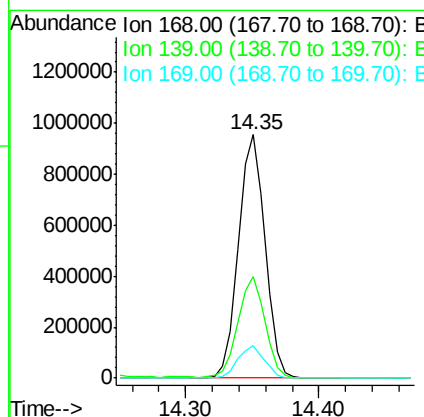
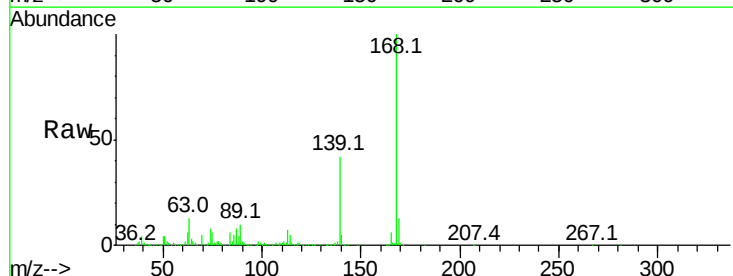
Manual Integrations
APPROVED

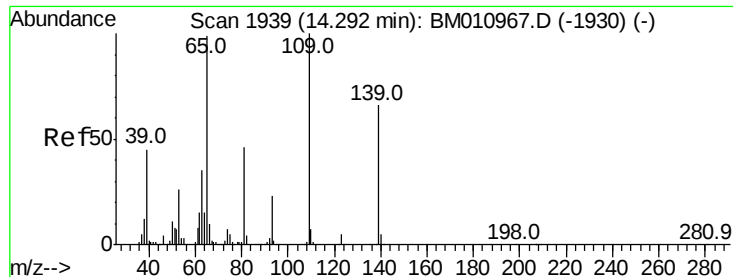
Sohil
8/18/2017 7:05:16 PM



#54
Dibenzofuran
Concen: 42.379 ng
RT: 14.35 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1316085		
139	41.9	27.3	40.9#	
169	13.4	10.6	16.0	





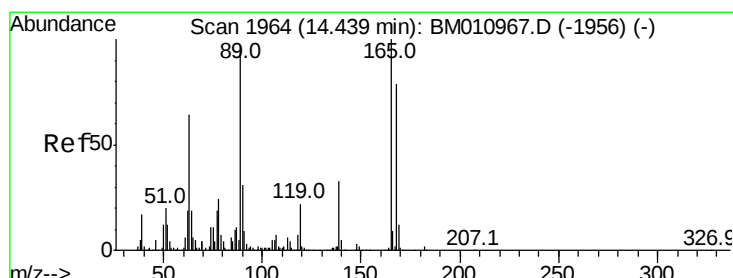
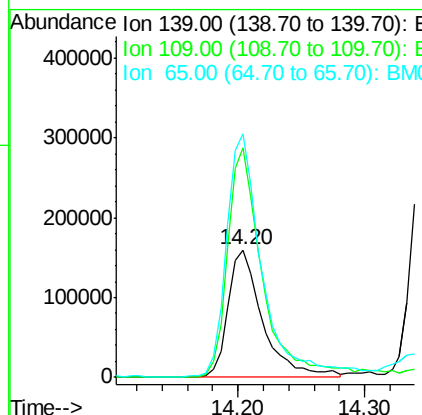
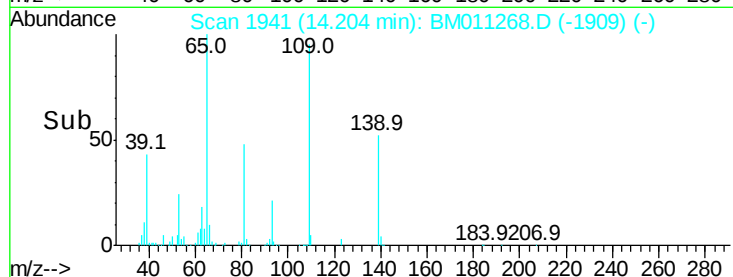
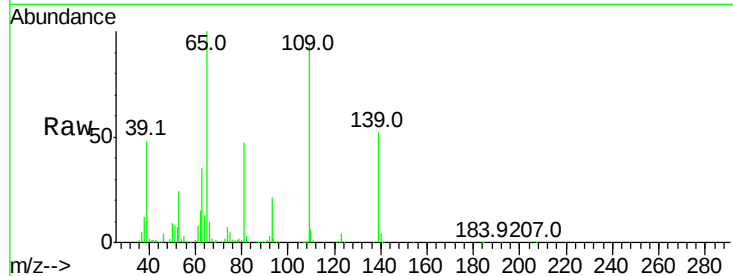
#55
4-Nitrophenol
Concen: 70.388 ng
RT: 14.20 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	180.5	130.0	170.0#	
65	191.4	130.0	170.0#	

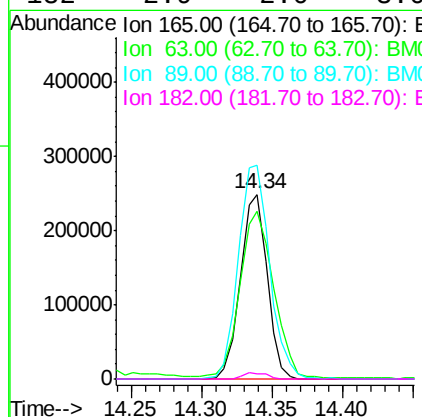
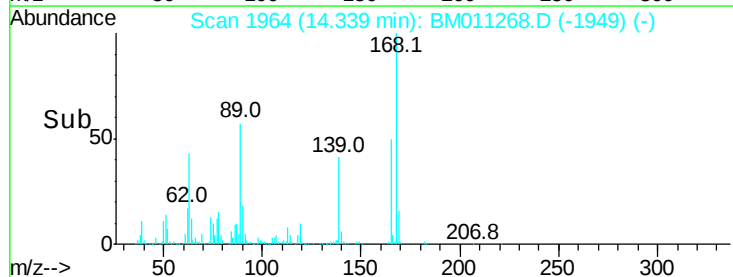
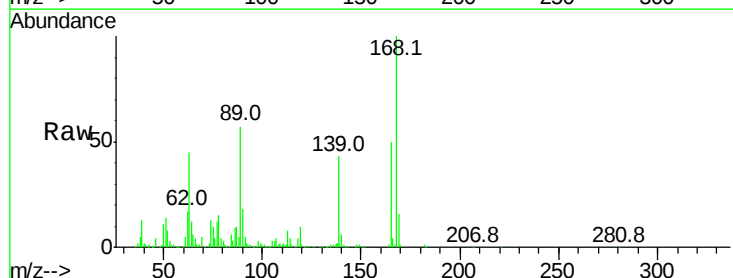
Manual Integrations
APPROVED

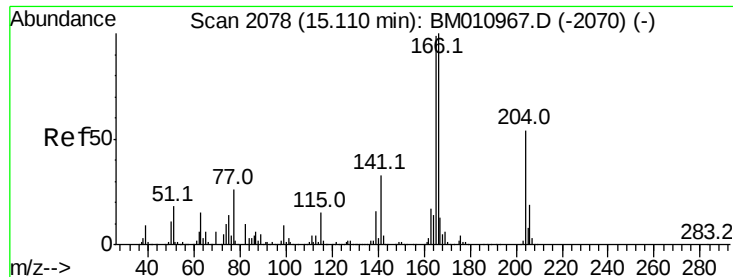
Sohil
8/18/2017 7:05:16 PM



#56
2,4-Dinitrotoluene
Concen: 41.596 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	90.9	52.4	78.6#	
89	115.8	72.4	108.6#	
182	2.9	2.0	3.0	





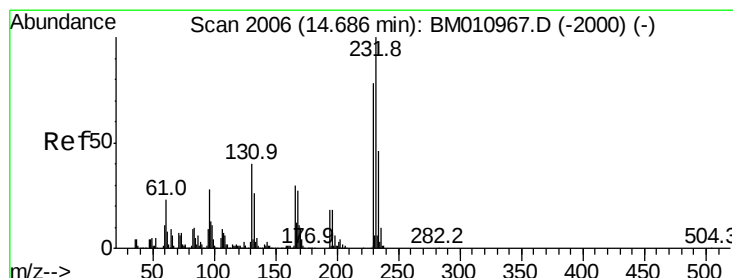
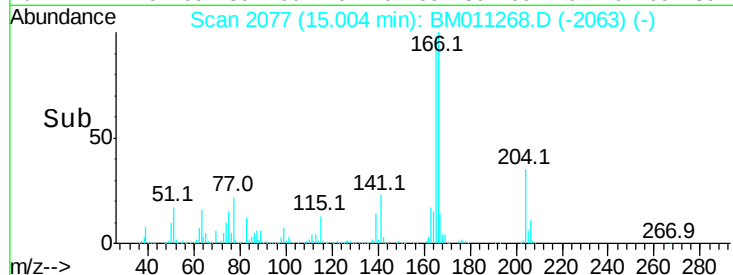
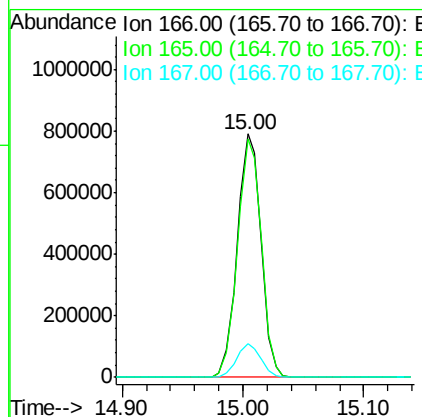
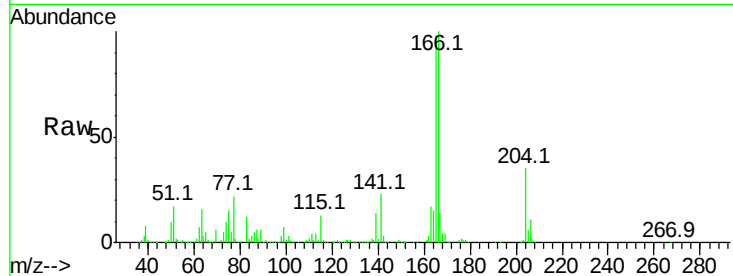
#57
 Fluorene
 Concen: 40.096 ng
 RT: 15.00 min Scan# 2077
 Delta R.T. -0.02 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Instrument :
 BNA_M
 ClientSampled :
 PB101642BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.0	118.4
167	13.8	10.3	15.5

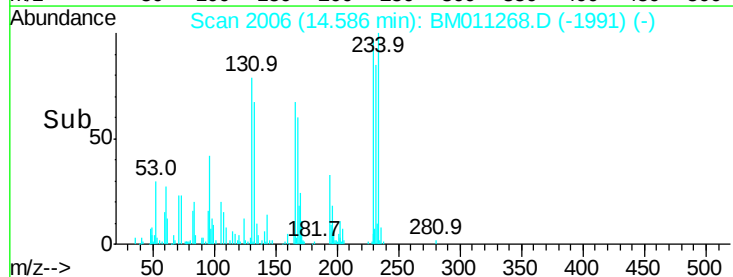
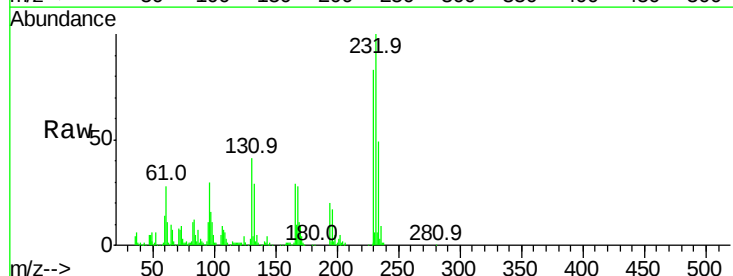
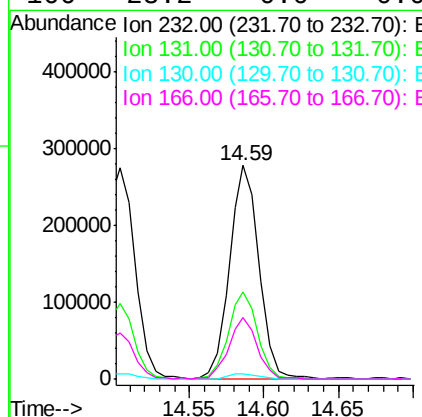
Manual Integrations
 APPROVED

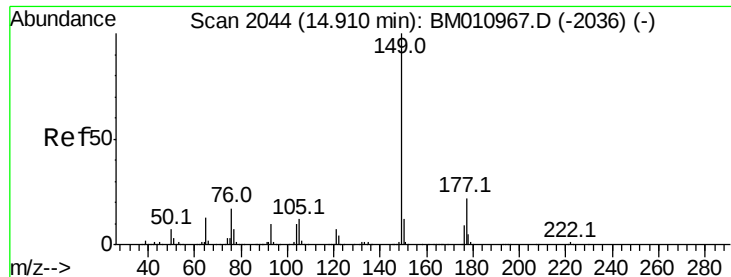
Sohil
 8/18/2017 7:05:16 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.486 ng
 RT: 14.59 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.3	0.0	0.0#
130	2.7	0.0	0.0#
166	28.2	0.0	0.0#





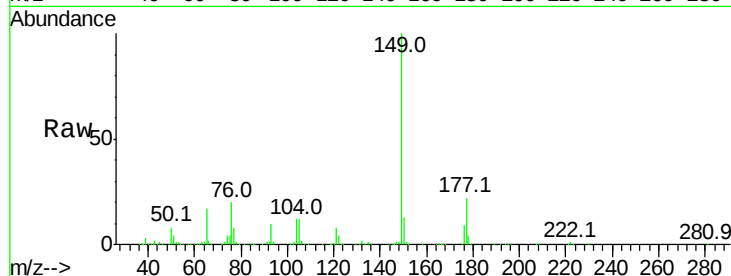
#59
Diethylphthalate
Concen: 40.043 ng
RT: 14.81 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

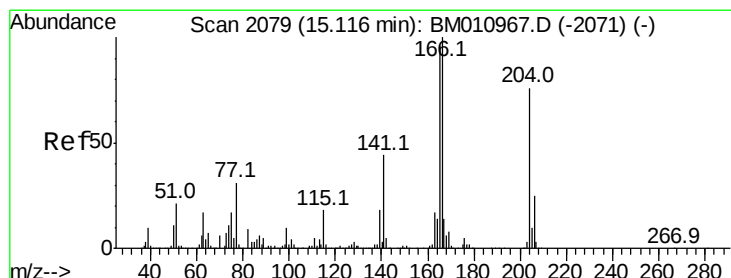
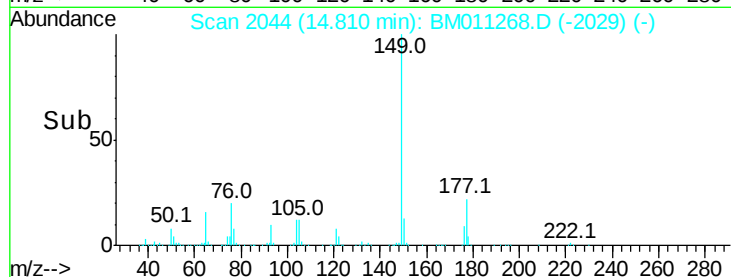
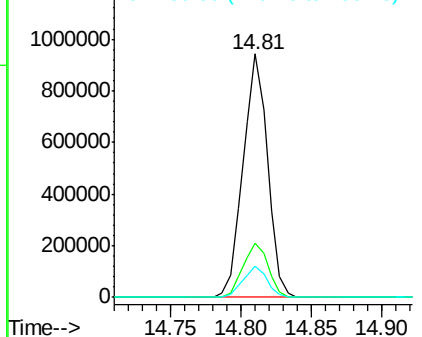
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.3	27.5
150	13.0	9.8	14.8

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



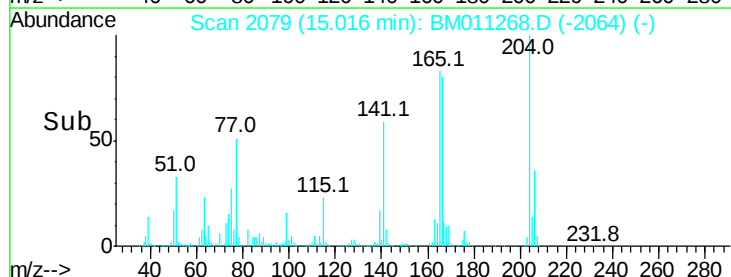
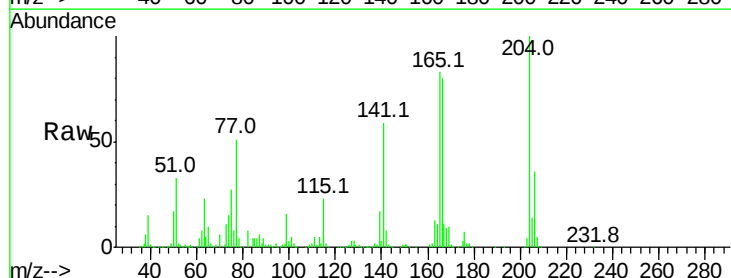
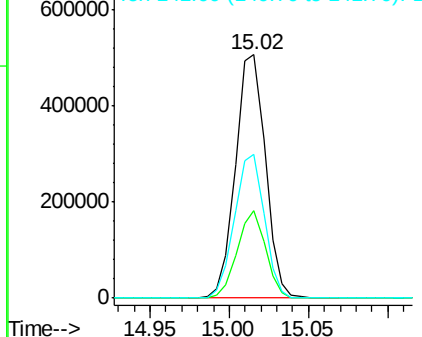
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

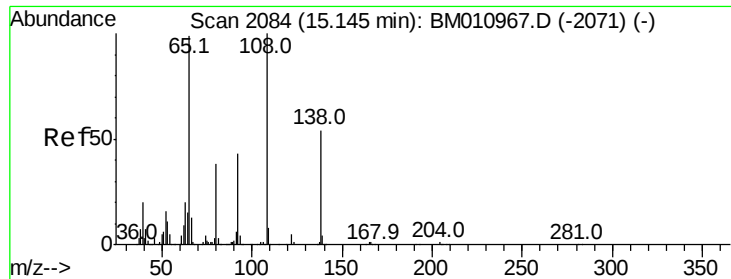


#60
4-Chlorophenyl-phenylether
Concen: 40.616 ng
RT: 15.02 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.7	26.6	39.8
141	59.0	45.2	67.8

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





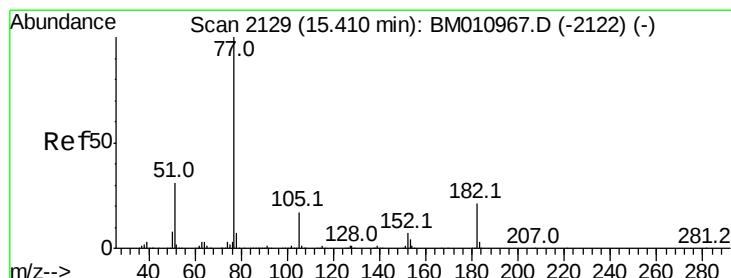
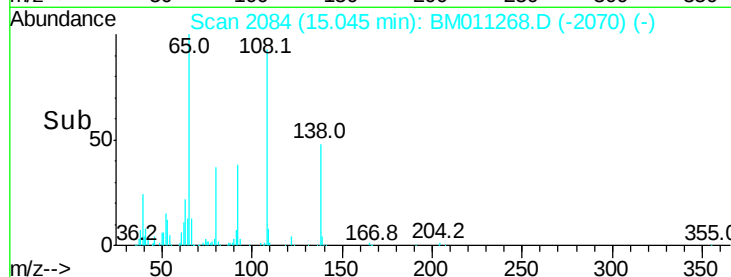
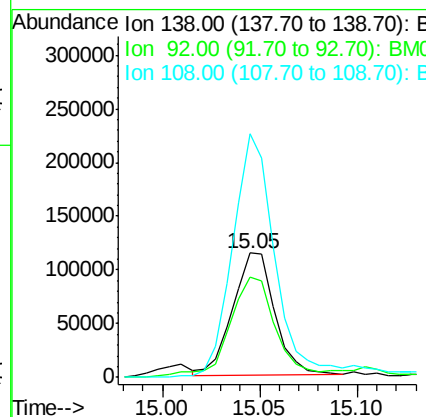
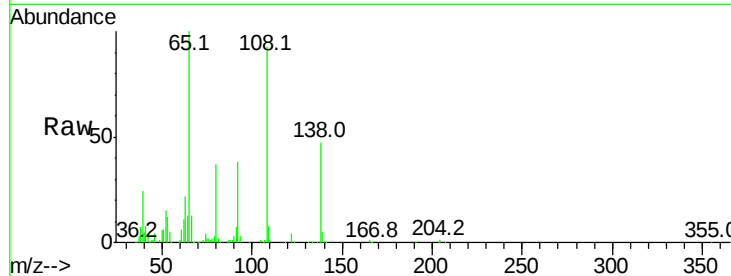
#61
4-Nitroaniline
Concen: 32.934 ng
RT: 15.05 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	80.4	16.7	56.7#
108	195.7	37.6	77.6#

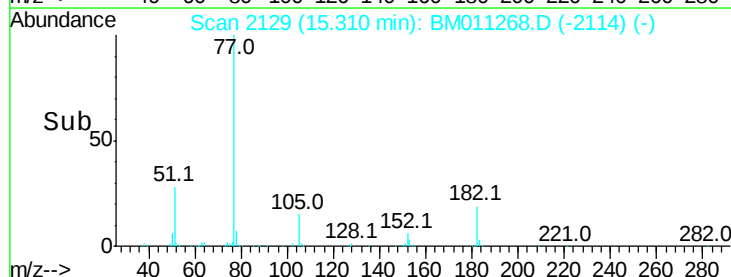
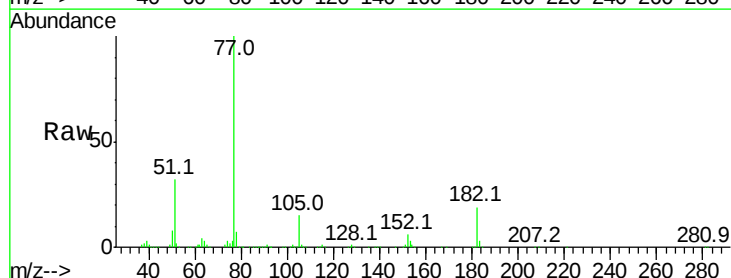
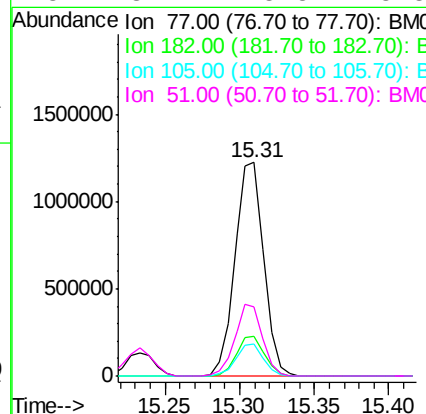
Manual Integrations
APPROVED

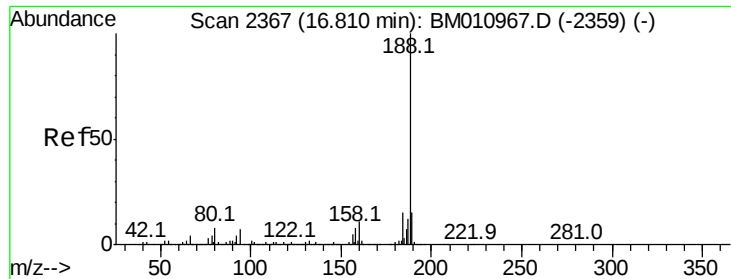
Sohil
8/18/2017 7:05:16 PM



#62
Azobenzene
Concen: 54.156 ng
RT: 15.31 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.6	6.5	46.5
105	14.7	3.8	43.8
51	32.1	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.70 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

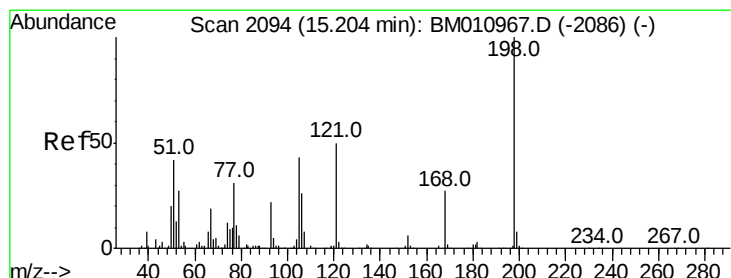
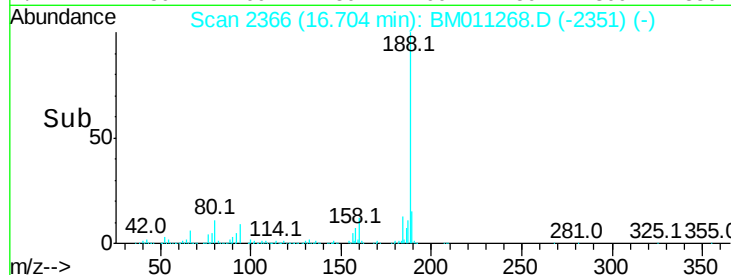
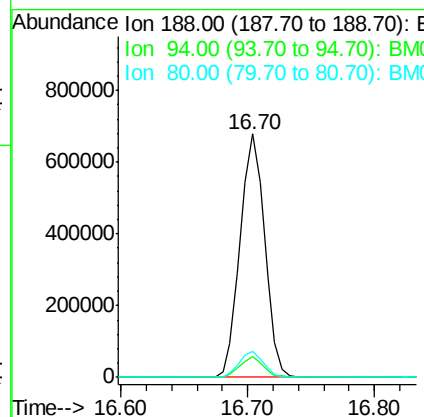
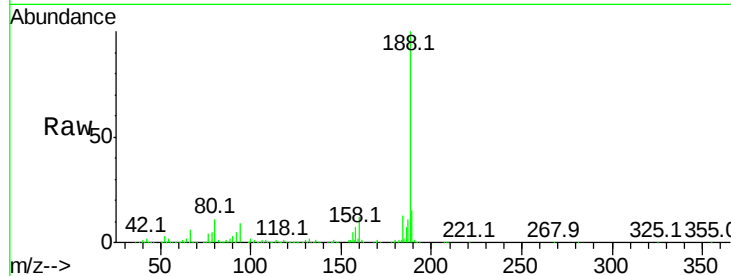
ClientSampleId :

PB101642BS

Tot Ion:	188	Resp:	910005
Ion Ratio	Lower	Upper	
188	100		
94	8.5	8.7	13.1#
80	10.8	9.3	13.9

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 40.042 ng

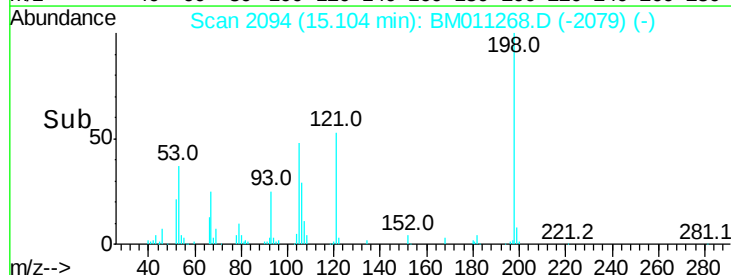
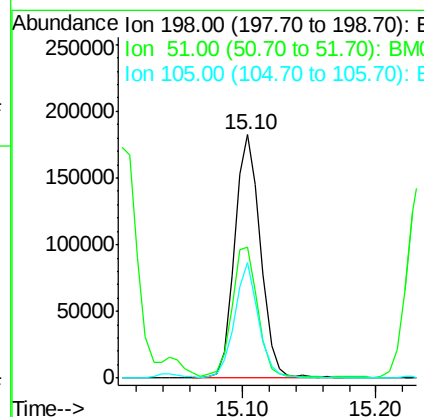
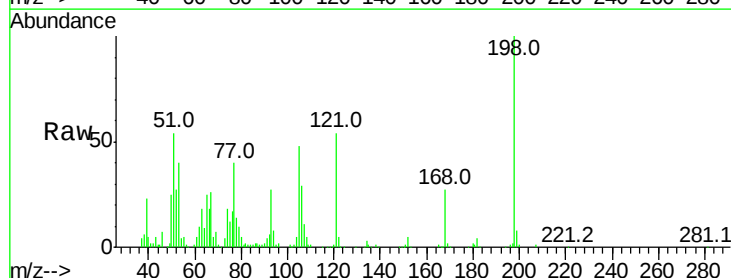
RT: 15.10 min Scan# 2094

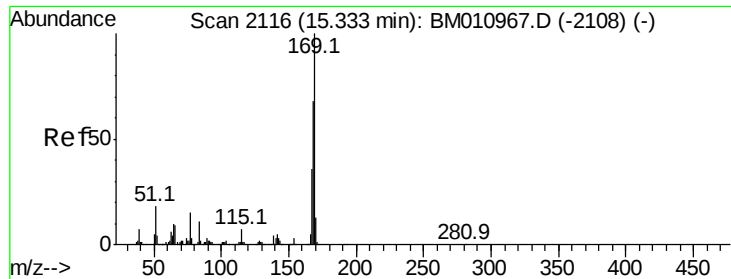
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion:	198	Resp:	246685
Ion Ratio	Lower	Upper	
198	100		
51	54.0	28.8	68.8
105	47.5	30.5	70.5





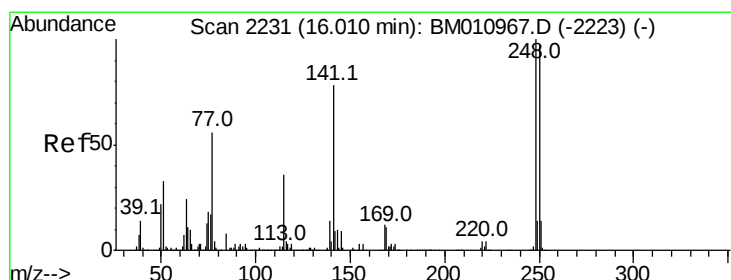
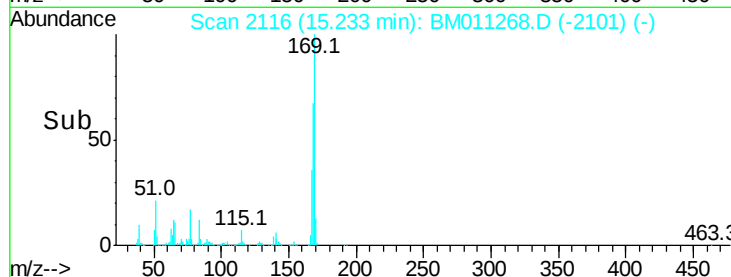
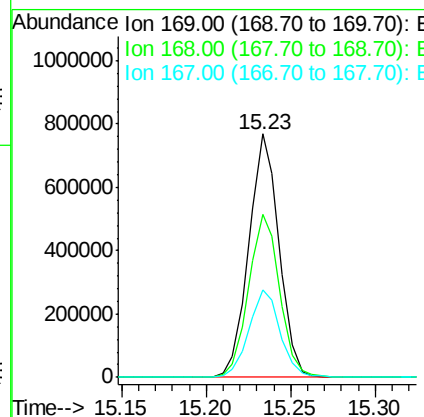
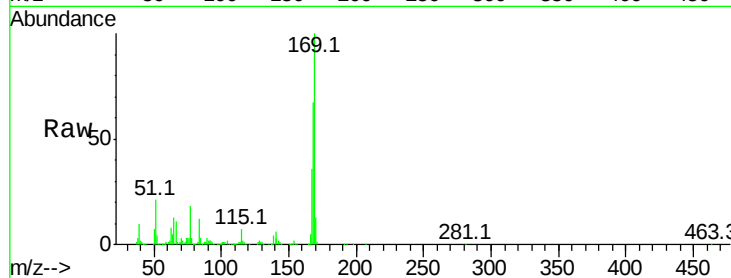
#65
n-Nitrosodiphenylamine
Concen: 36.855 ng
RT: 15.23 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.1	53.9	80.9	
167	35.8	28.9	43.3	

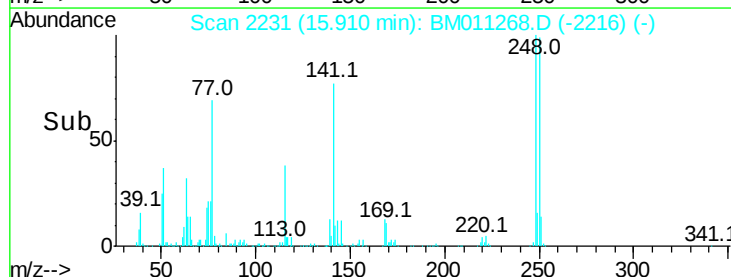
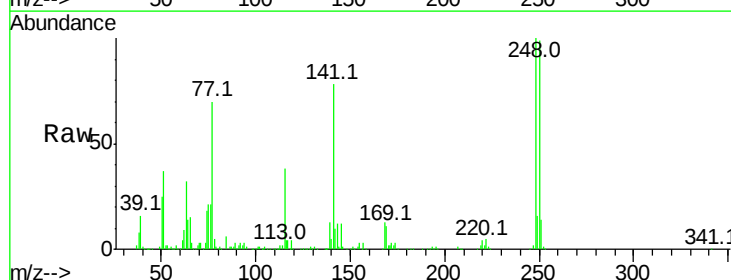
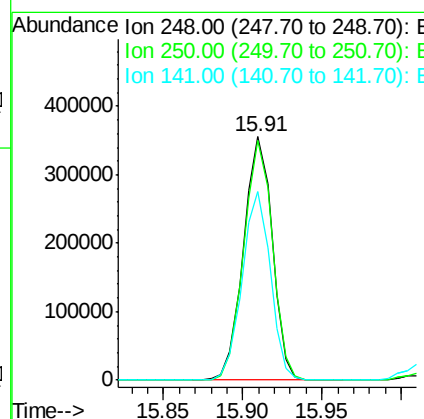
Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#66
4-Bromophenyl-phenylether
Concen: 38.298 ng
RT: 15.91 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.5	77.4	116.0	
141	77.5	45.2	67.8#	





#67

Hexachlorobenzene

Concen: 34.641 ng

RT: 16.01 min Scan# 2248

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

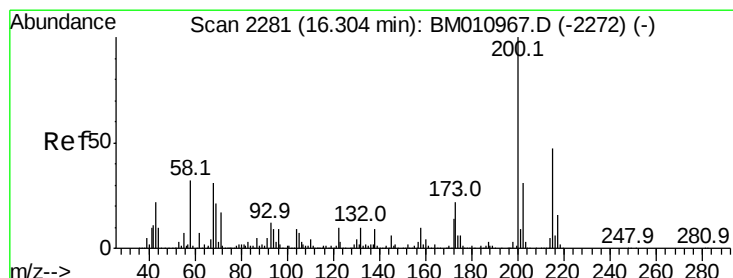
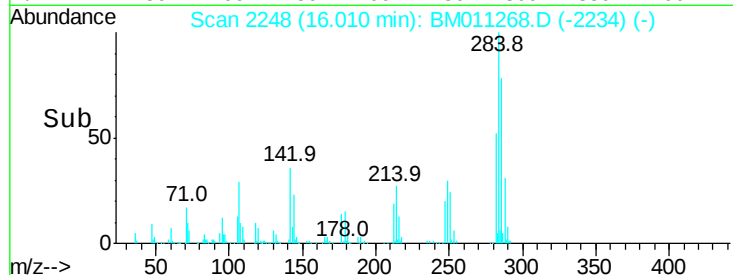
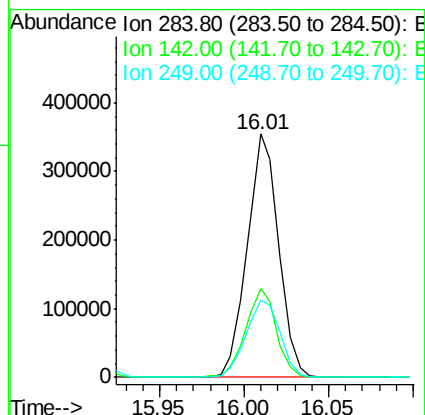
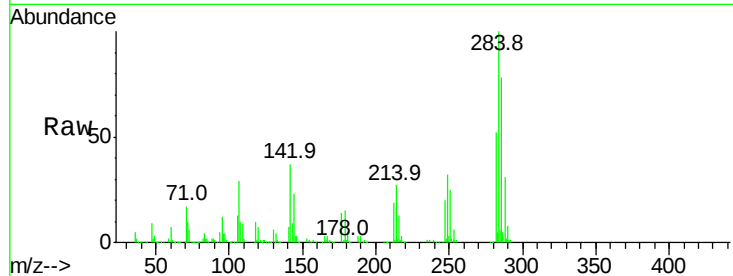
ClientSampleId :

PB101642BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.7	20.4	30.6#	
249	31.8	23.8	35.6	

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#68

Atrazine

Concen: 42.136 ng

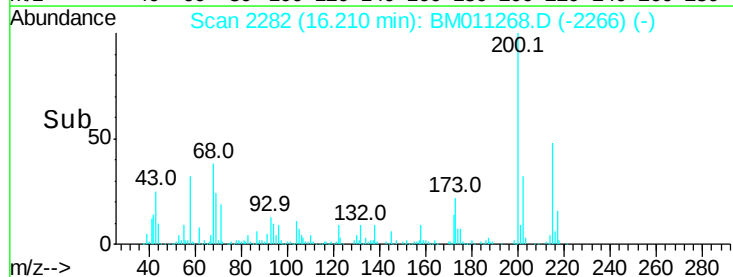
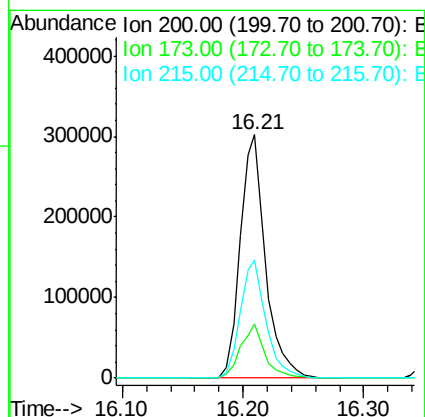
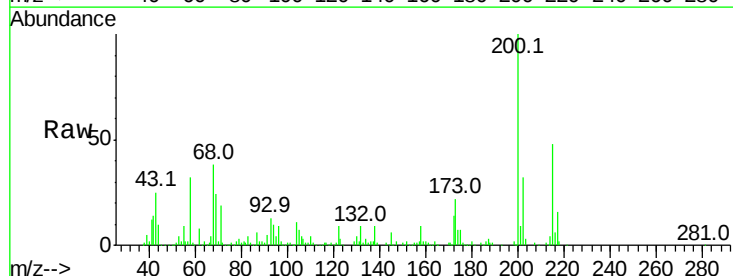
RT: 16.21 min Scan# 2282

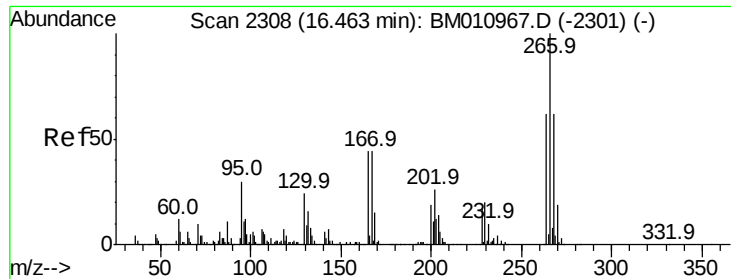
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	22.5	4.8	44.8	
215	48.3	26.9	66.9	





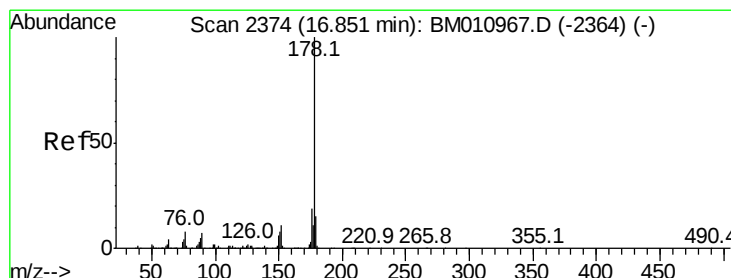
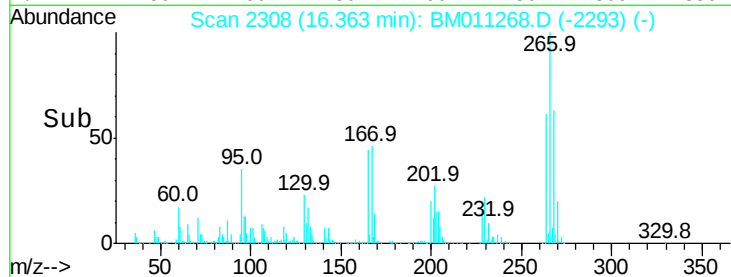
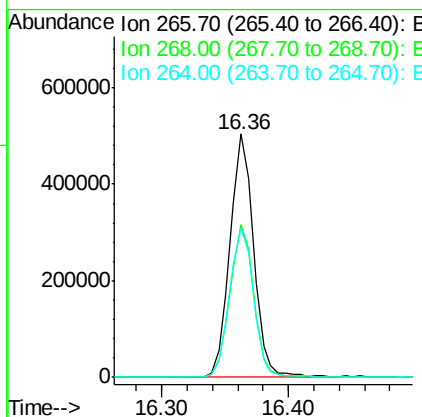
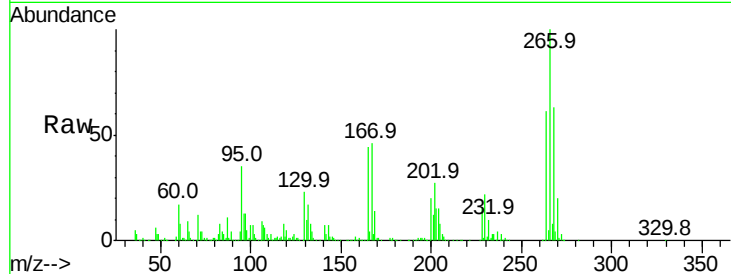
#69
 Pentachlorophenol
 Concen: 77.241 ng
 RT: 16.36 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	648251		
268	62.5	52.0	78.0	
264	61.2	49.0	73.4	

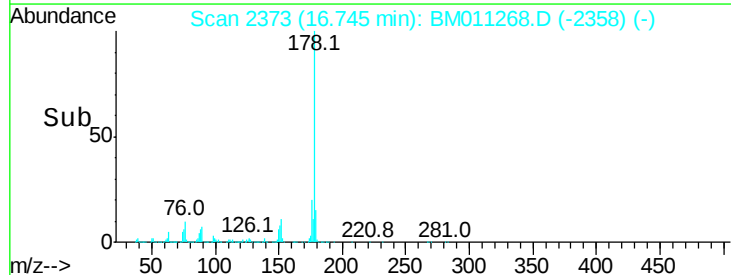
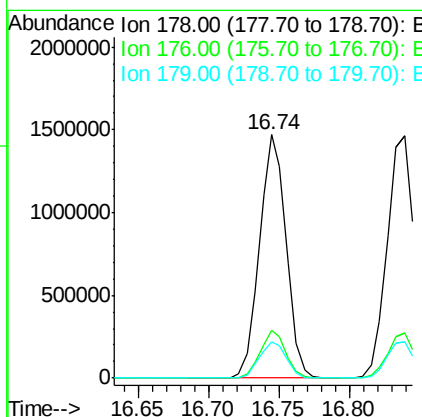
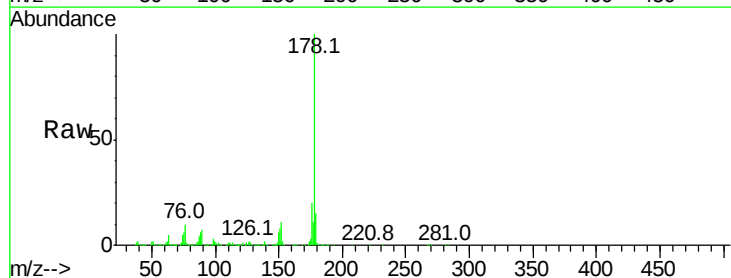
Manual Integrations
 APPROVED

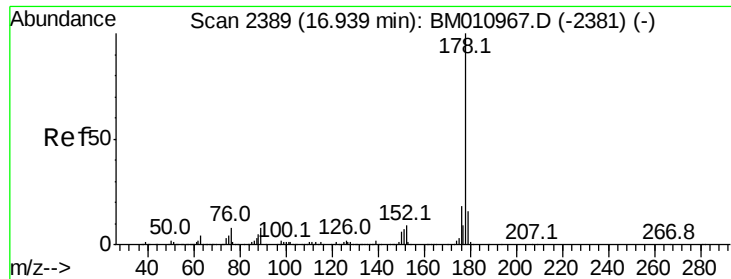
Sohil
 8/18/2017 7:05:16 PM



#70
 Phenanthrene
 Concen: 40.904 ng
 RT: 16.74 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1949064		
176	19.6	15.2	22.8	
179	14.7	12.1	18.1	





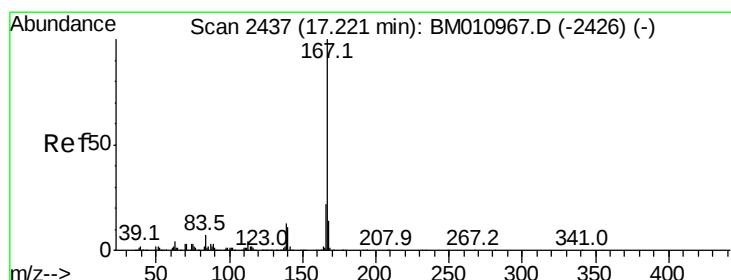
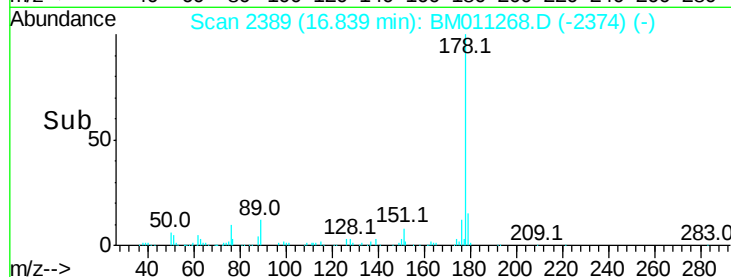
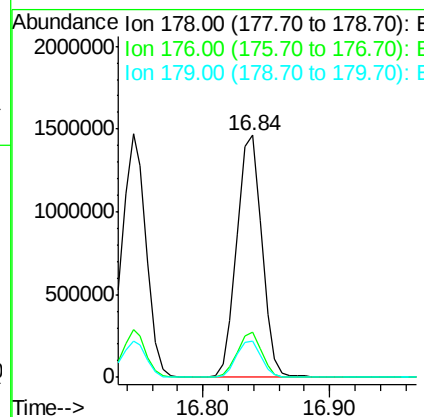
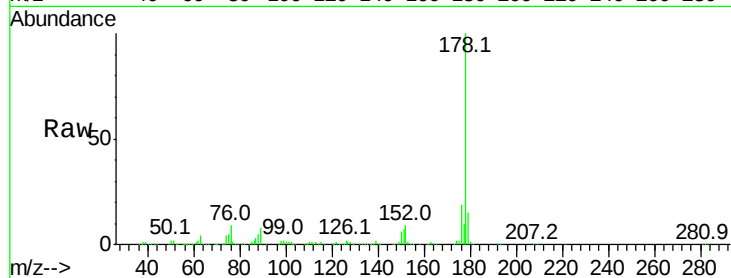
#71
 Anthracene
 Concen: 41.946 ng
 RT: 16.84 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.2	12.6	19.0

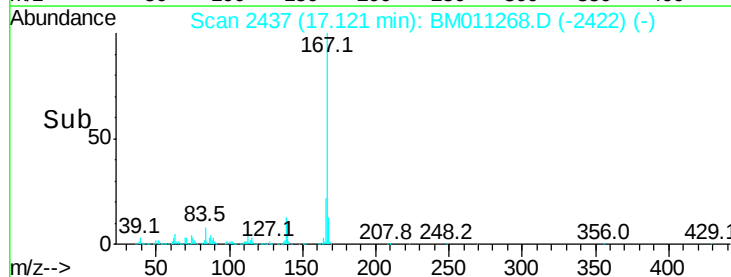
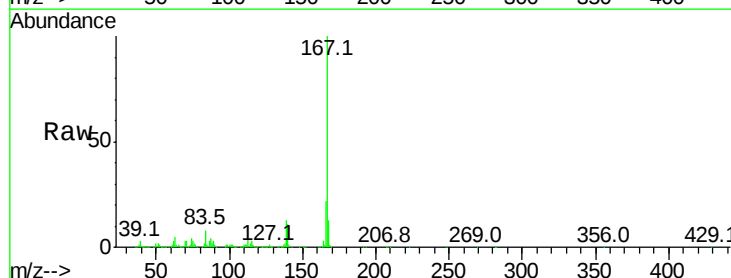
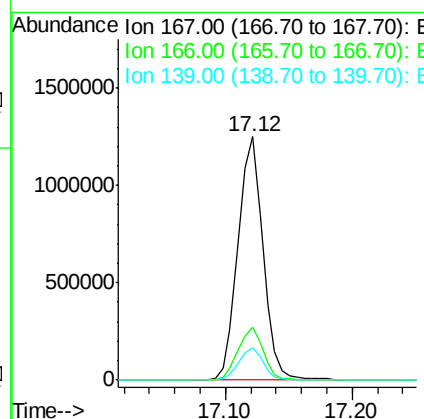
Manual Integrations
 APPROVED

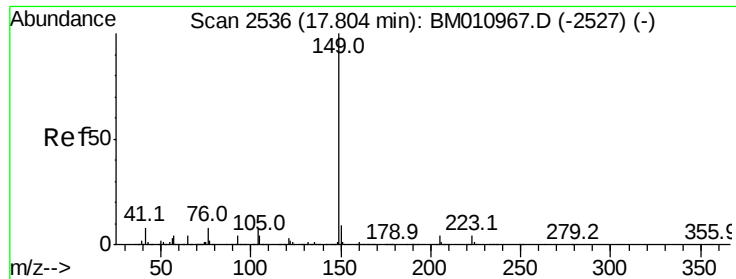
Sohil
 8/18/2017 7:05:16 PM



#72
 Carbazole
 Concen: 40.954 ng
 RT: 17.12 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.3	10.8	16.2





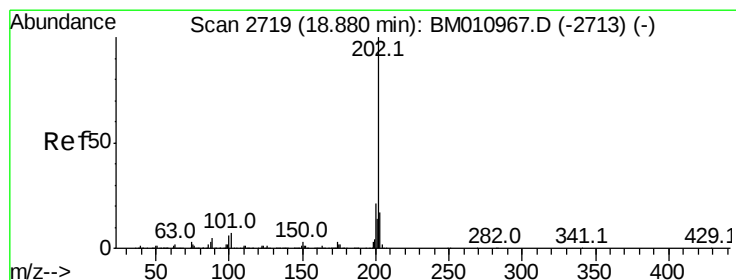
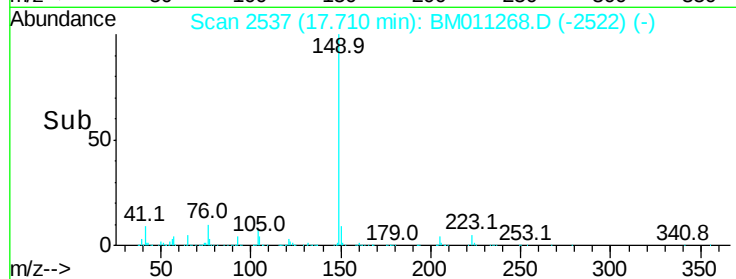
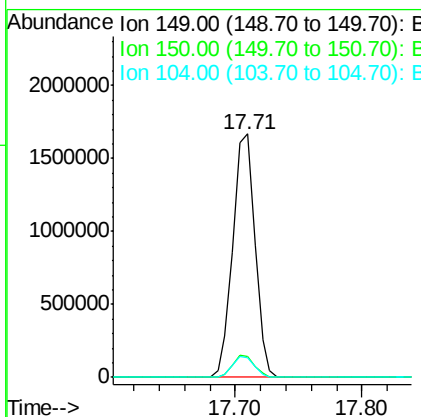
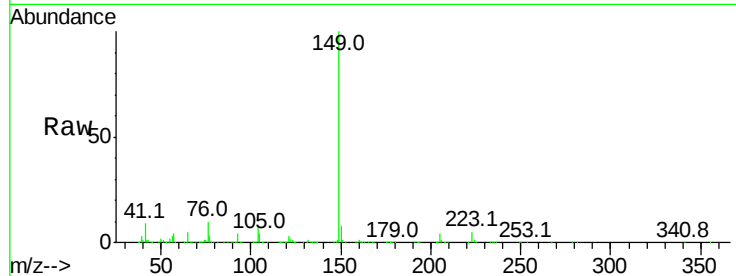
#73
Di-n-butylphthalate
Concen: 39.754 ng
RT: 17.71 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.5	11.3
104	8.3	3.7	5.5

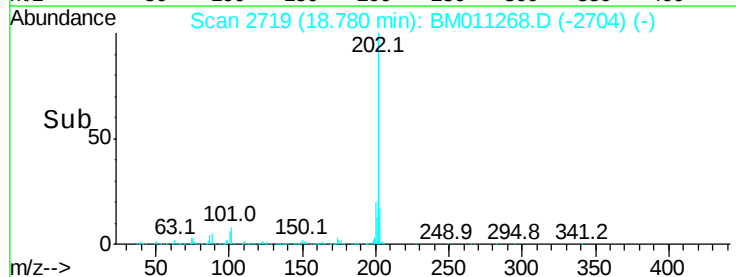
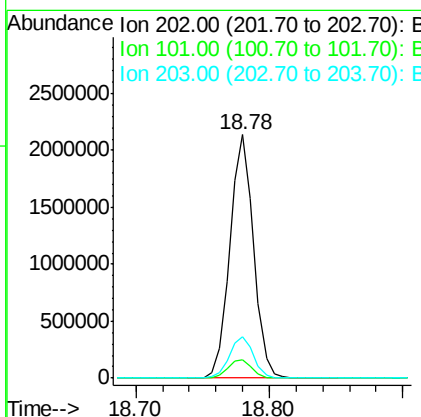
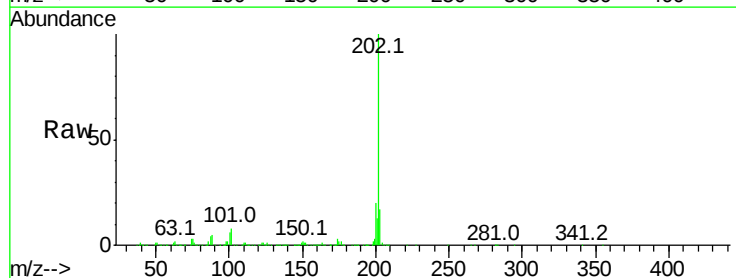
Manual Integrations
APPROVED

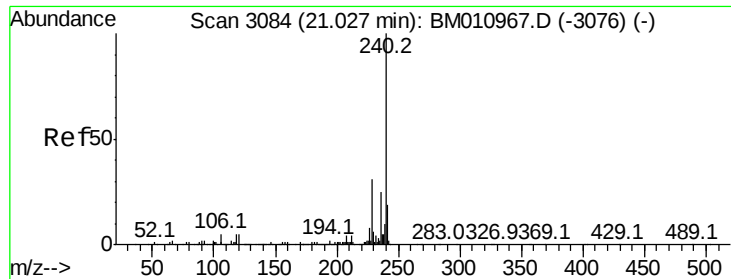
Sohil
8/18/2017 7:05:16 PM



#74
Fluoranthene
Concen: 45.010 ng
RT: 18.78 min Scan# 2719
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	28.7
203	16.8	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.93 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

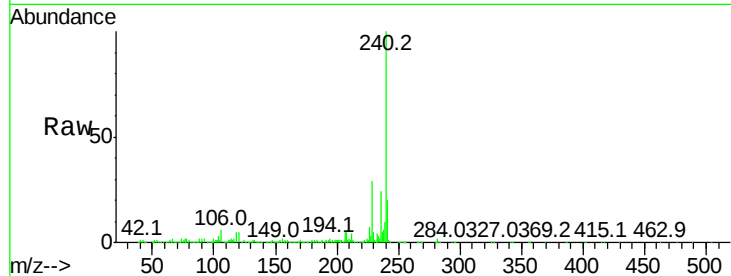
ClientSampleId :

PB101642BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	8.2	12.2#
236	24.3	20.0	30.0

Manual Integrations
APPROVED

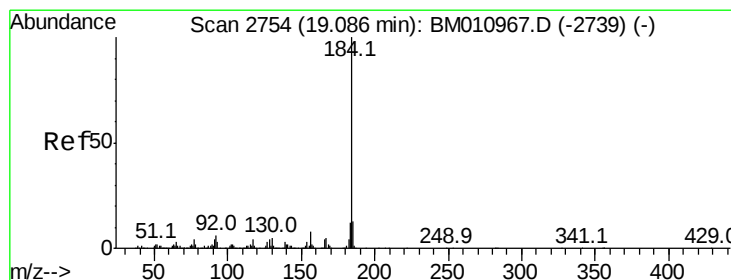
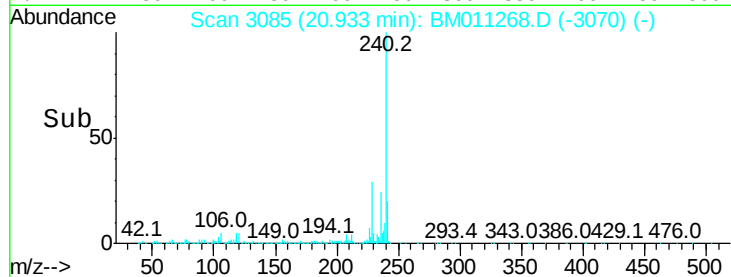
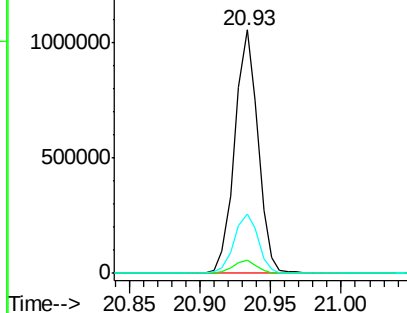
Sohil
8/18/2017 7:05:16 PM



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



#76

Benzidine

Concen: 46.637 ng

RT: 18.99 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BM011268.D

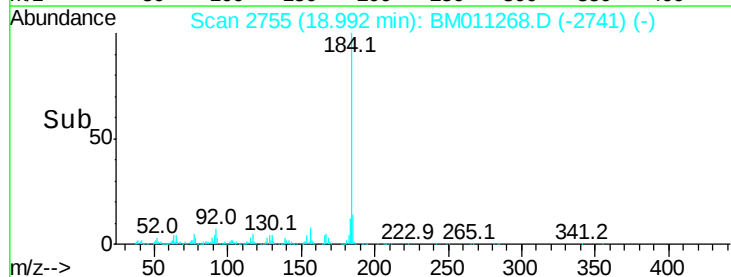
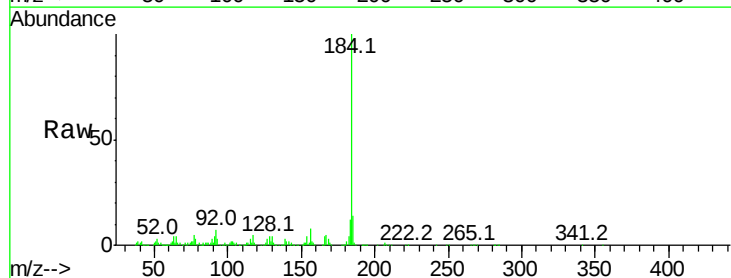
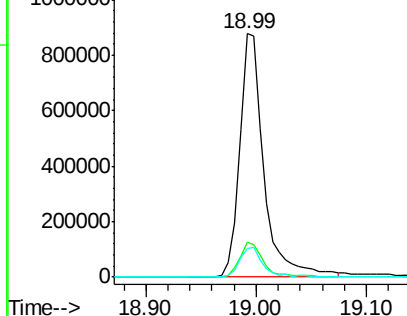
Acq: 17 Aug 2017 16:03

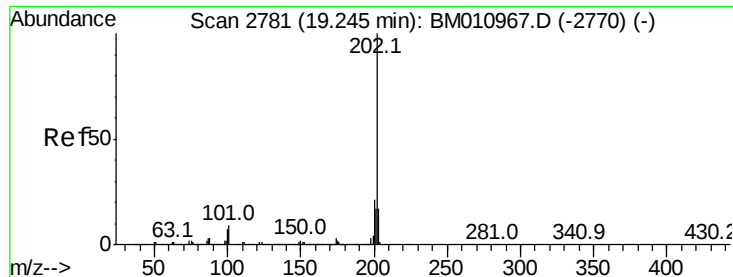
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.3	16.9
183	11.5	8.9	13.3

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





#77

Pvrene

Concen: 38.260 ng

RT: 19.14 min Scan# 2781

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

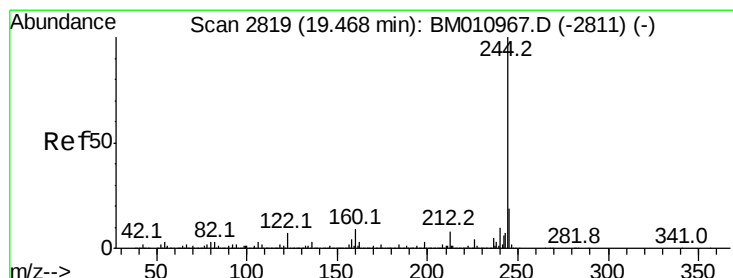
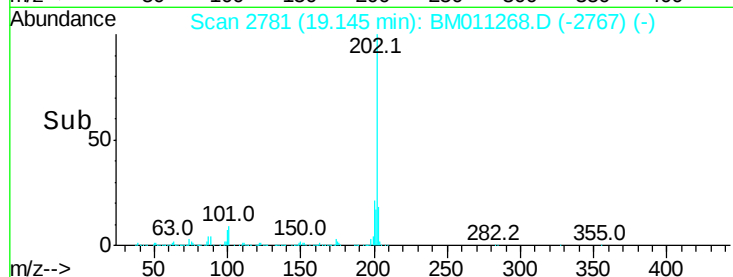
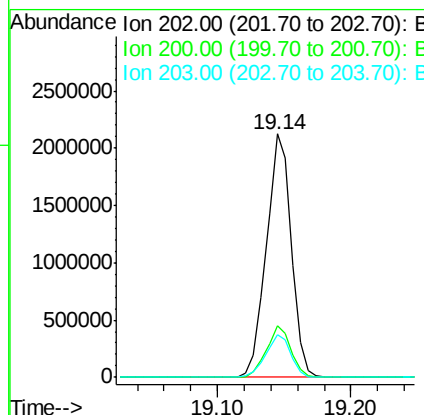
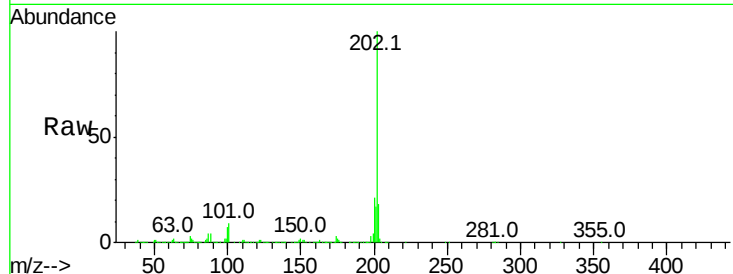
ClientSampleId :

PB101642BS

Tot Ion:	202	Resp:	2751424
Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.8	14.1	21.1

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#78

Terphenyl-d14

Concen: 68.618 ng

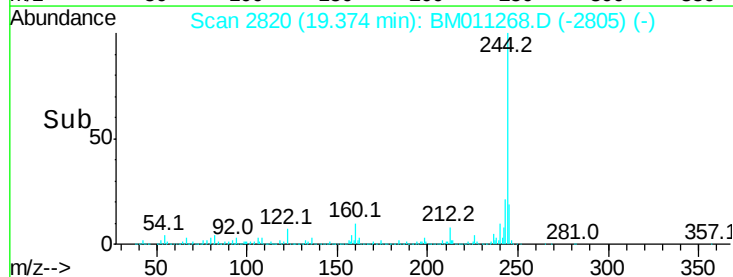
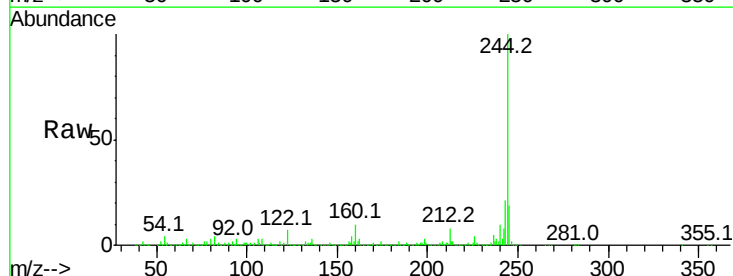
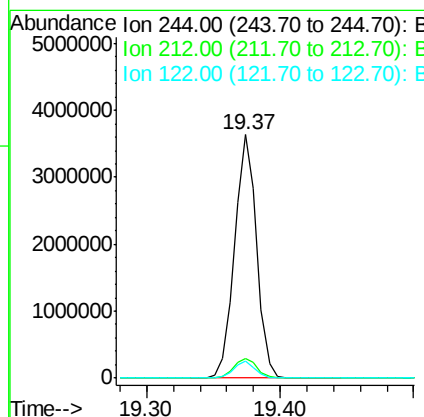
RT: 19.37 min Scan# 2820

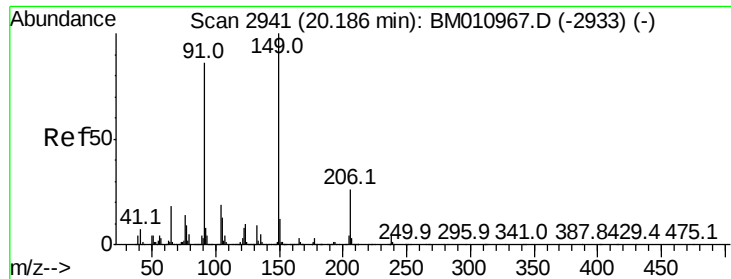
Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion:	244	Resp:	4192528
Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	6.9	6.2	9.4





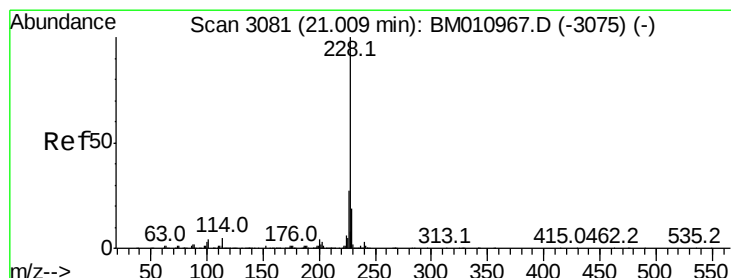
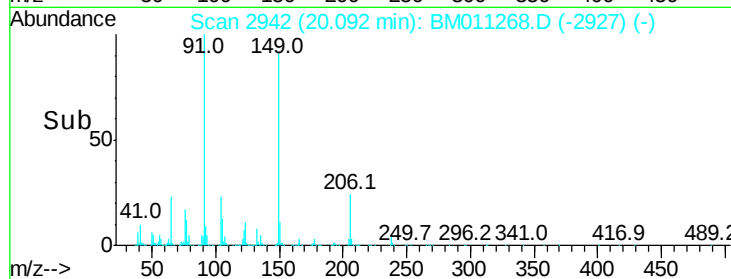
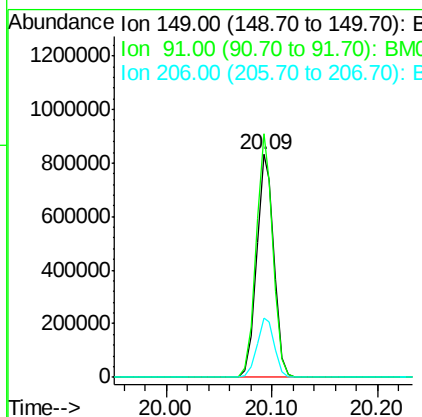
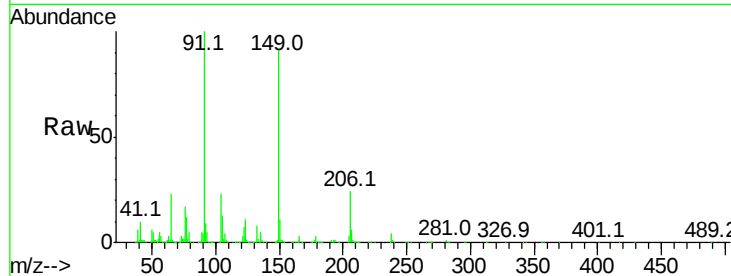
#79
Butylbenzylphthalate
Concen: 37.458 ng
RT: 20.09 min Scan# 2942
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Instrument :
BNA_M
ClientSampleId :
PB101642BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	109.3	50.1	75.1#
206	26.7	16.2	24.2#

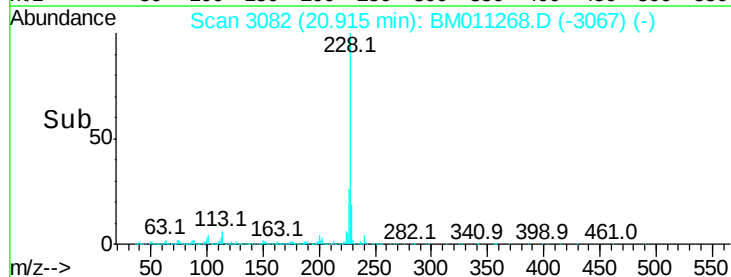
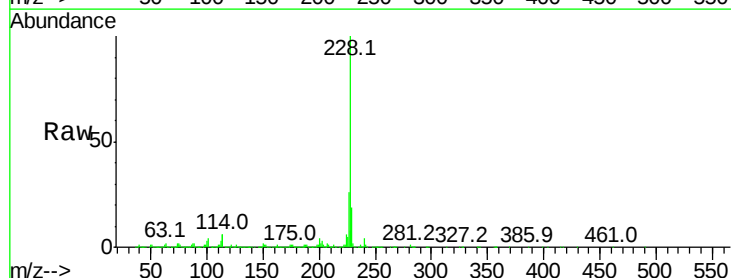
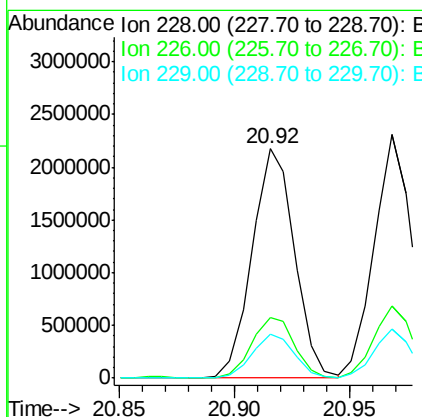
Manual Integrations
APPROVED

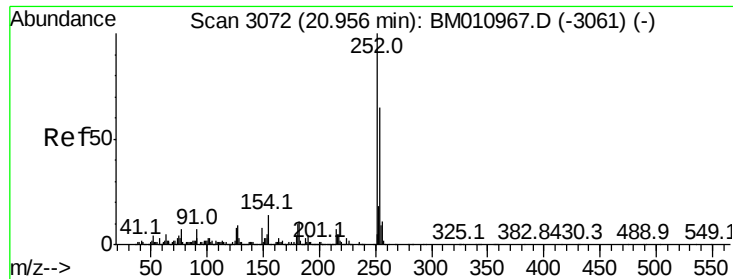
Sohil
8/18/2017 7:05:16 PM



#80
Benzo(a)anthracene
Concen: 40.218 ng
RT: 20.92 min Scan# 3082
Delta R.T. -0.01 min
Lab File: BM011268.D
Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.7	32.5
229	19.3	16.0	24.0





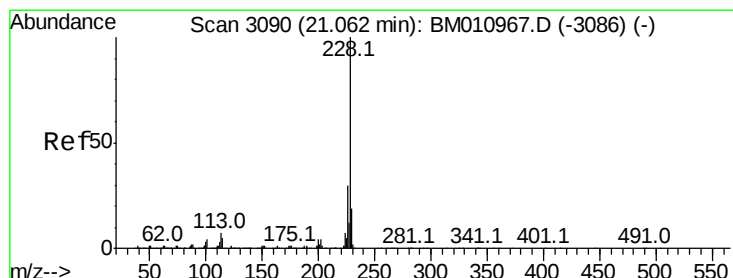
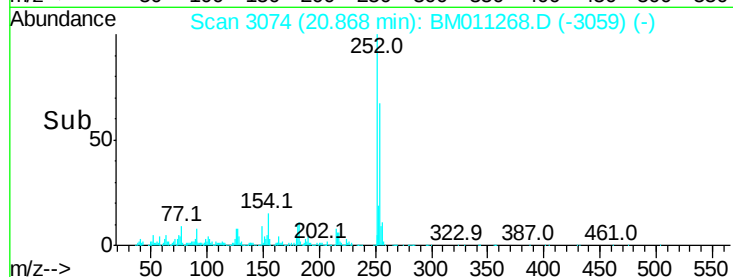
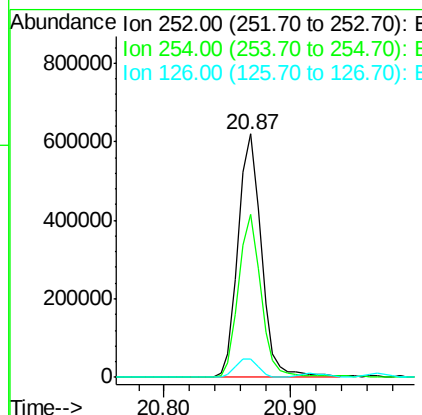
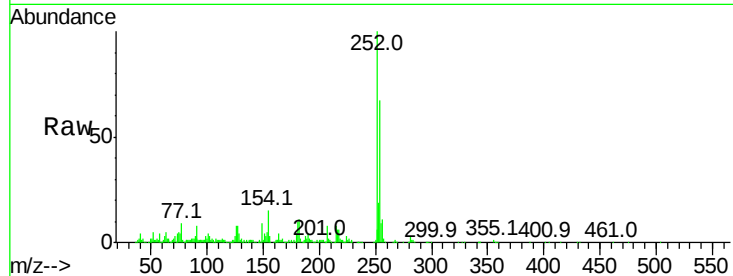
#81
 3,3'-Dichlorobenzidine
 Concen: 29.180 ng
 RT: 20.87 min Scan# 3074
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.1	51.9	77.9
126	7.6	9.8	14.8

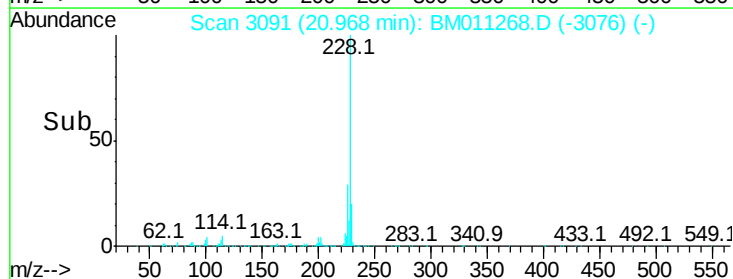
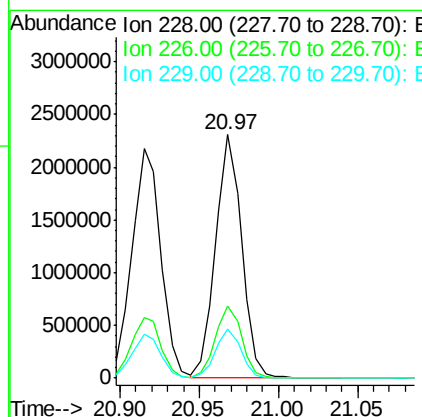
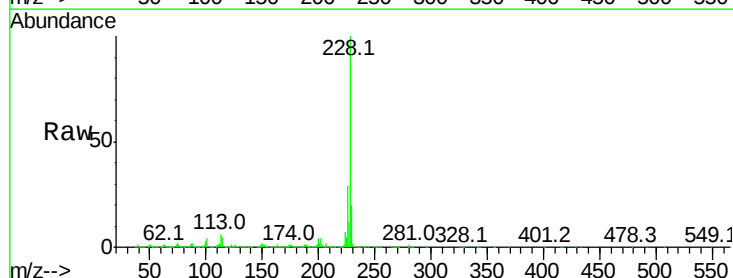
Manual Integrations
 APPROVED

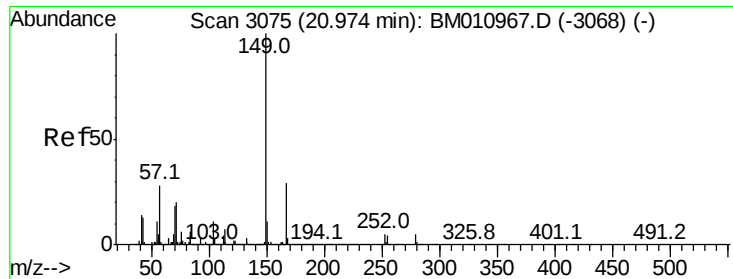
Sohil
 8/18/2017 7:05:16 PM



#82
 Chrysene
 Concen: 39.827 ng
 RT: 20.97 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	20.0	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.705 ng

RT: 20.89 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

Tot Ion:149 Resp: 1380875

Ion Ratio Lower Upper

149 100

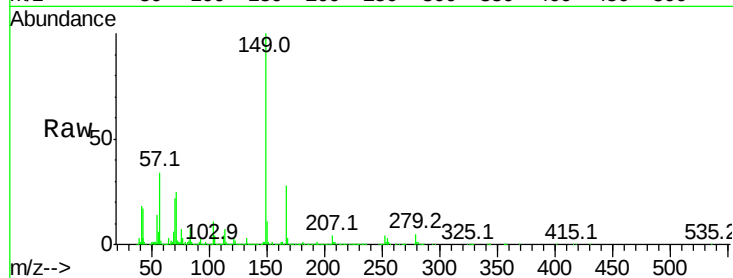
167 27.9 22.4 33.6

279 4.6 3.4 5.0

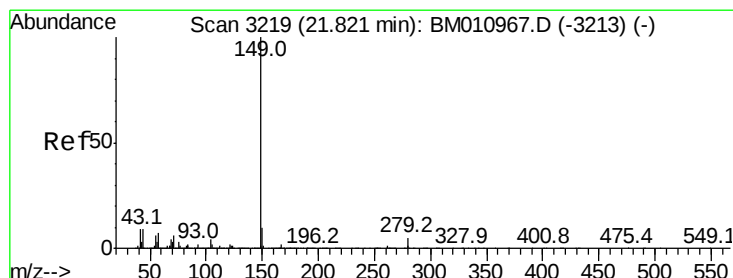
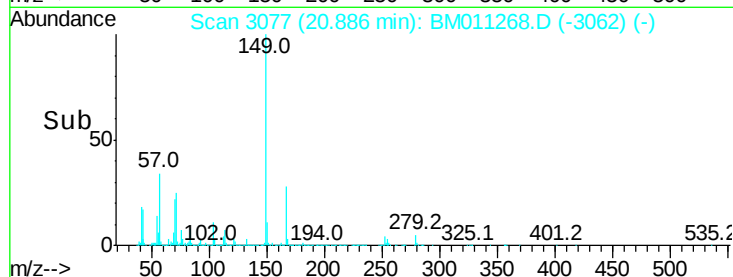
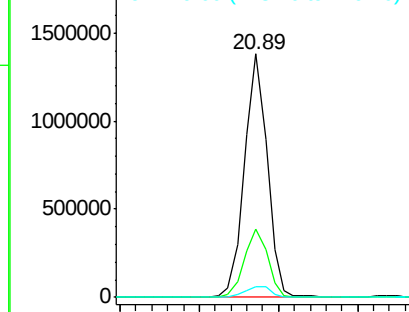
Manual Integrations
APPROVED

Sohil

8/18/2017 7:05:16 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.901 ng

RT: 21.73 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

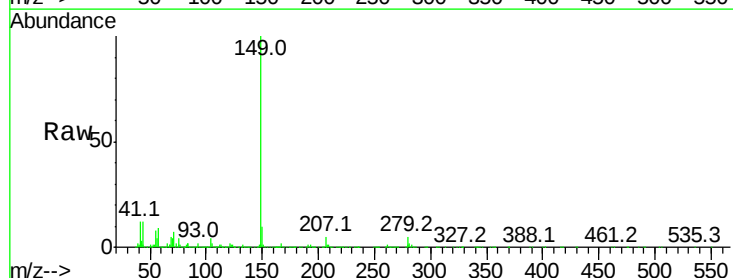
Tgt Ion:149 Resp: 2314168

Ion Ratio Lower Upper

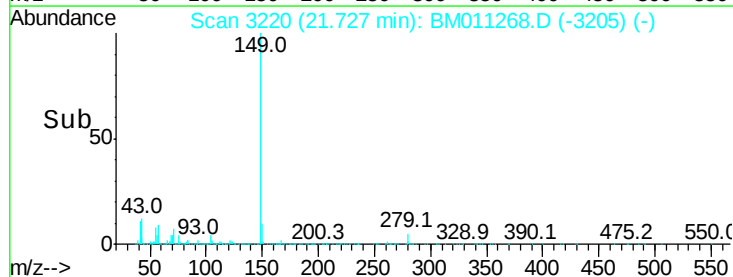
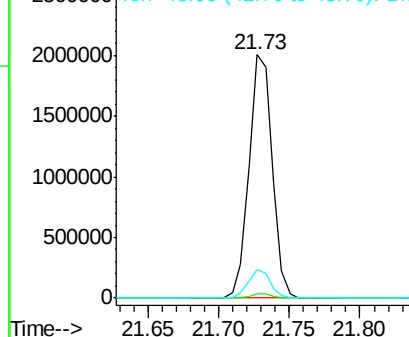
149 100

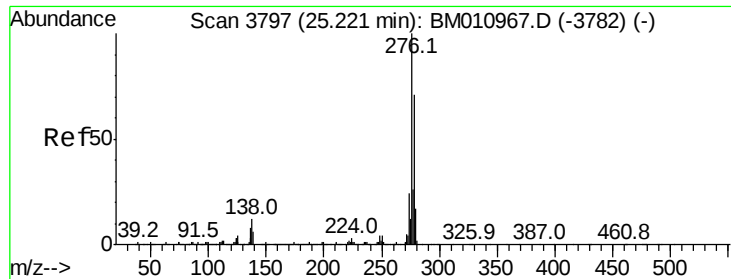
167 1.7 1.2 1.8

43 11.3 7.3 10.9#



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): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.816 ng

RT: 25.02 min Scan# 3780

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

ClientSampleId :

PB101642BS

Tot Ion:276 Resp: 2666736

Ion Ratio Lower Upper

276 100

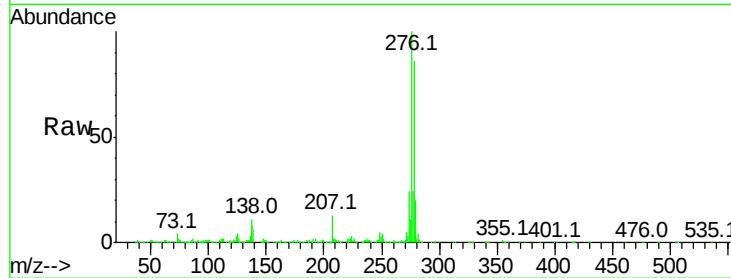
138 11.2 12.0 18.0#

277 24.9 20.0 30.0

Manual Integrations
APPROVED

Sohil

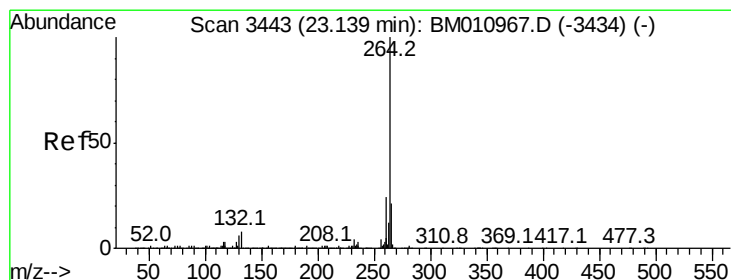
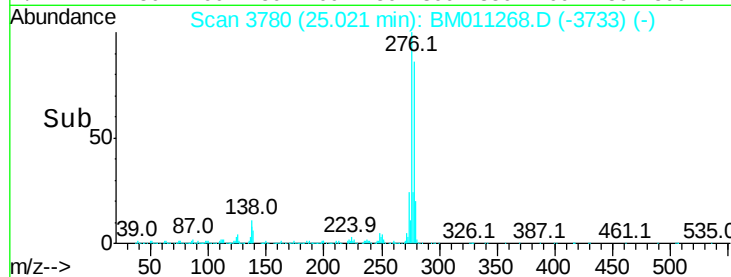
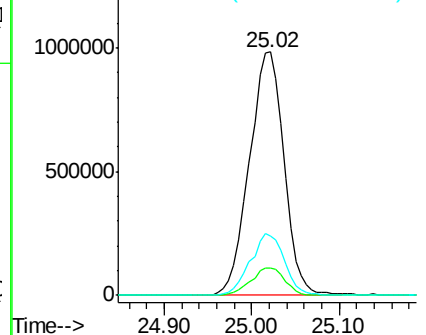
8/18/2017 7:05:16 PM



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.00 min Scan# 3437

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

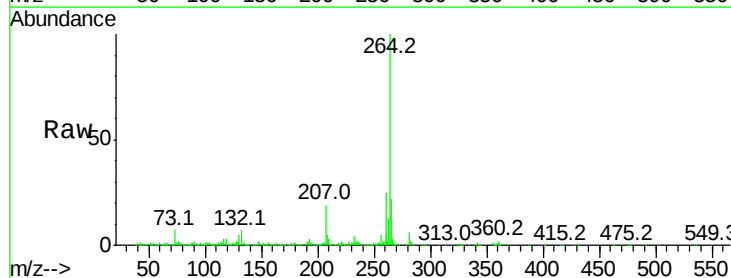
Tgt Ion:264 Resp: 1080025

Ion Ratio Lower Upper

264 100

260 25.5 18.6 27.8

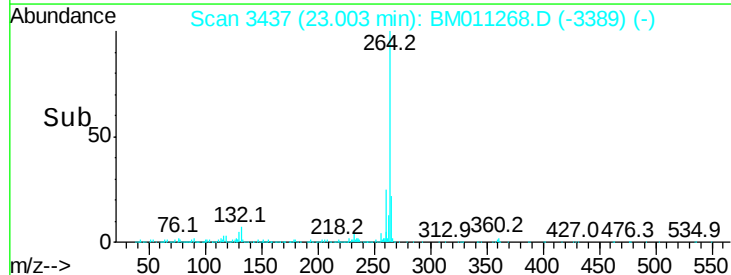
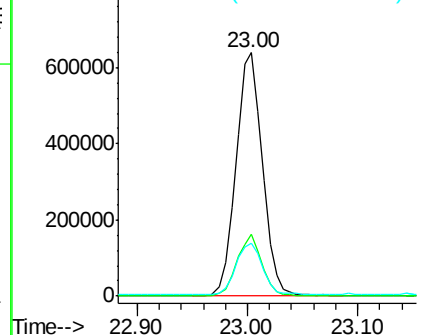
265 21.9 17.3 25.9

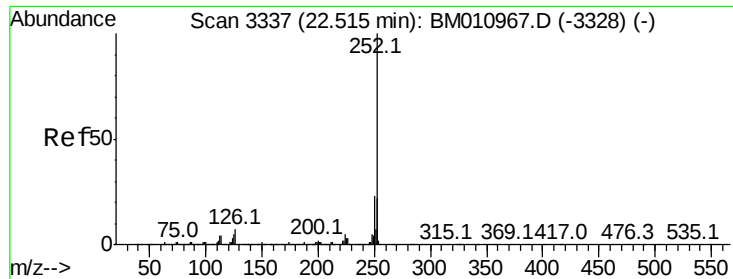


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.513 ng

RT: 22.40 min Scan# 3334

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

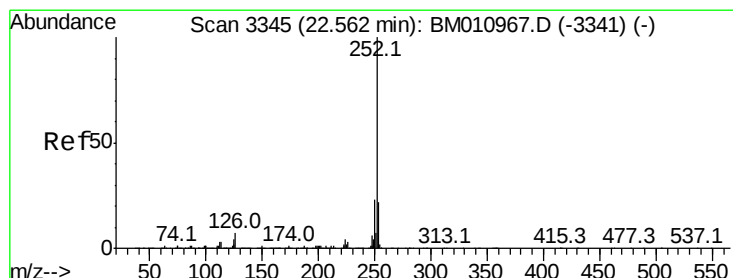
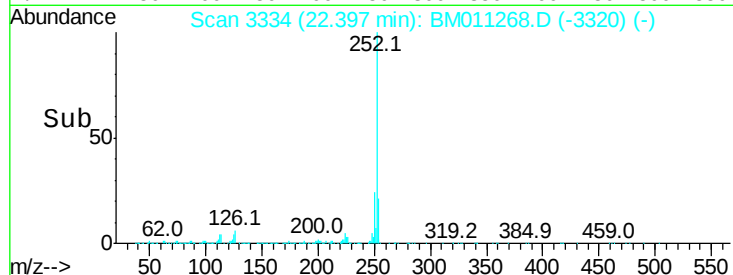
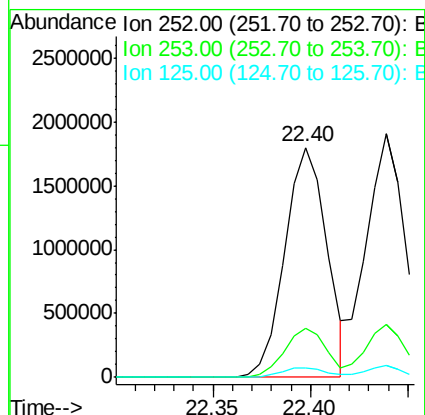
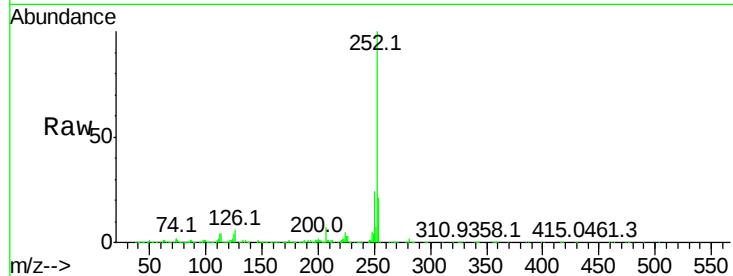
ClientSampleId :

PB101642BS

Tot Ion:	252	Resp:	2669630
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.0	27.0
125	4.1	9.9	14.9#

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#88

Benzo(k)fluoranthene

Concen: 39.616 ng

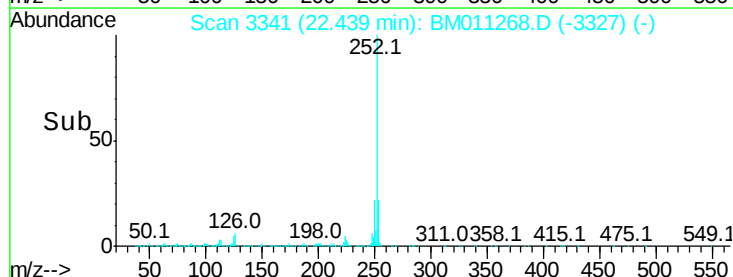
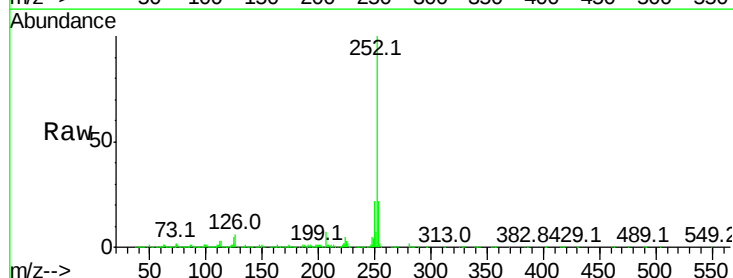
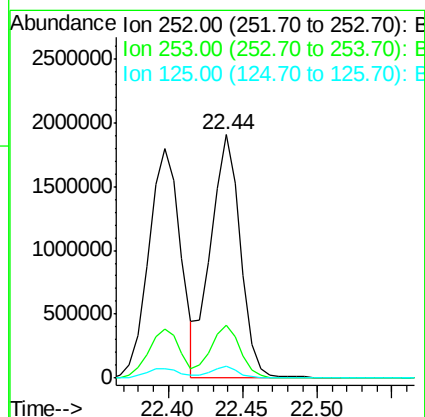
RT: 22.44 min Scan# 3341

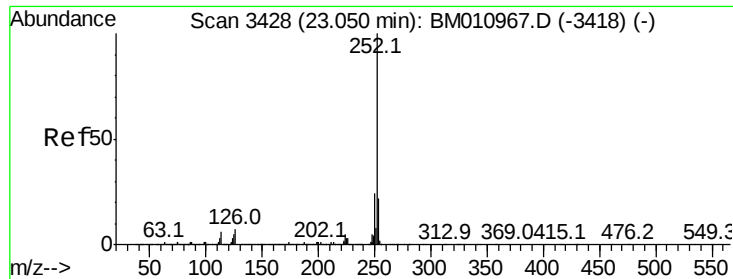
Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion:	252	Resp:	2631998
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.2	25.8
125	4.9	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 40.583 ng

RT: 22.92 min Scan# 3422

Delta R.T. -0.02 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Instrument :

BNA_M

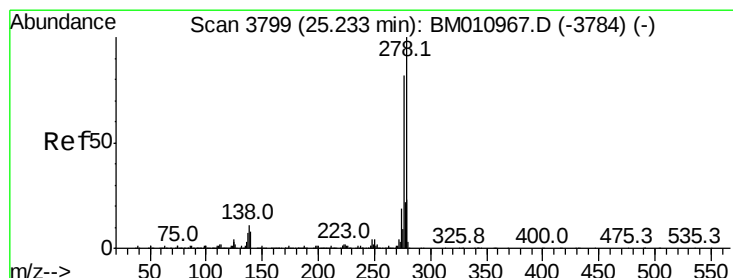
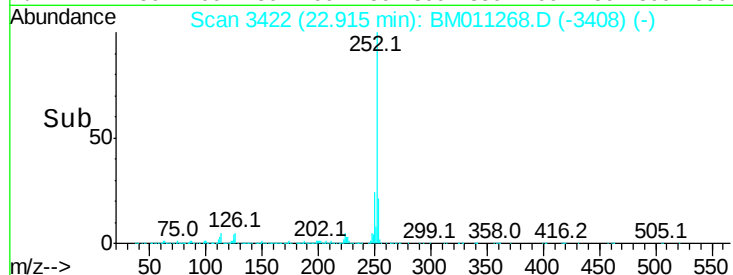
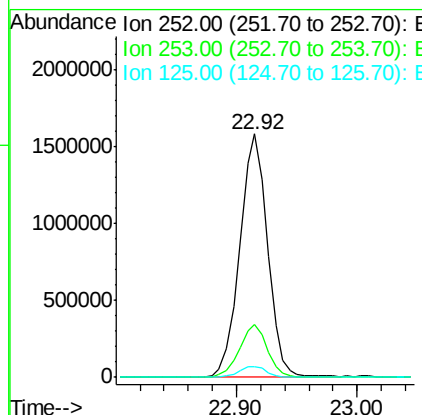
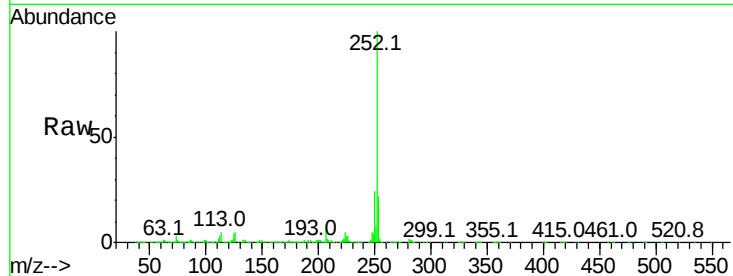
ClientSampleId :

PB101642BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	4.4	7.4	11.2

Manual Integrations
APPROVED

Sohil
8/18/2017 7:05:16 PM



#90

Dibenzo(a,h)anthracene

Concen: 37.827 ng

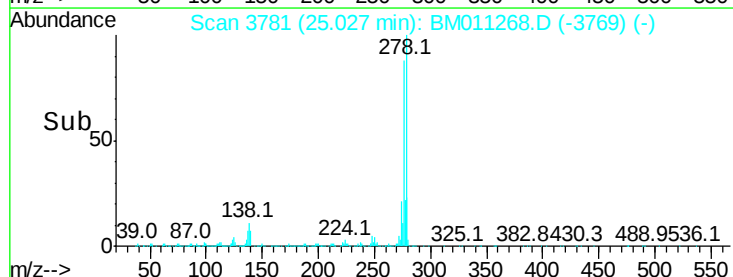
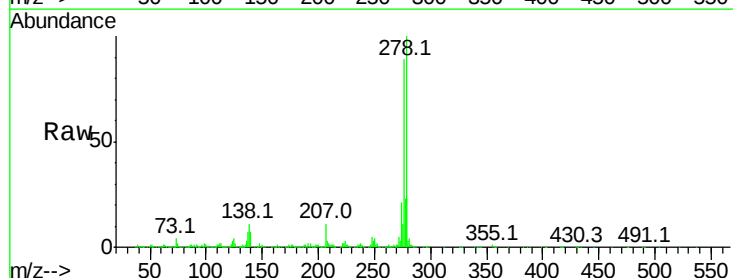
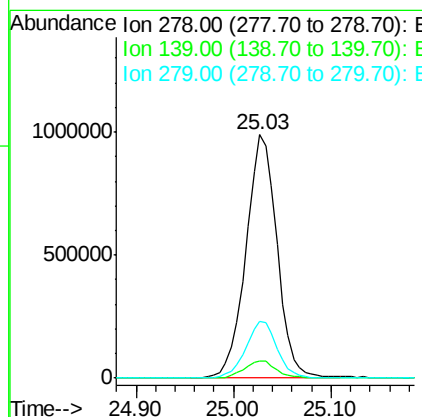
RT: 25.03 min Scan# 3781

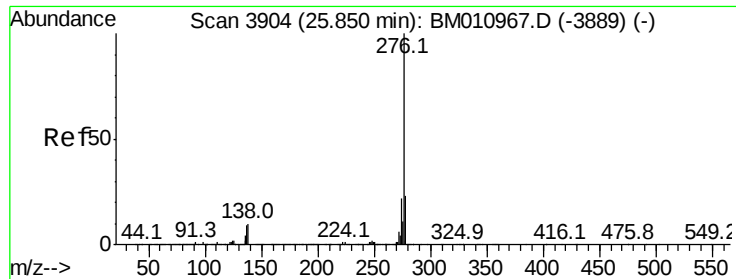
Delta R.T. -0.03 min

Lab File: BM011268.D

Acq: 17 Aug 2017 16:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.2	13.4	20.0
279	23.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 39.468 ng
 RT: 25.63 min Scan# 3883
 Delta R.T. -0.03 min
 Lab File: BM011268.D
 Acq: 17 Aug 2017 16:03

Instrument :
 BNA_M
 ClientSampleId :
 PB101642BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.5	27.7
138	9.2	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 8/18/2017 7:05:16 PM

