

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
 Data File : BM011354.D
 Acq On : 25 Aug 2017 21:29
 Operator : SJ/JU
 Sample : I4943-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-082317MSD

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:17:36 PM

Quant Time: Aug 26 01:08:10 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	7.26	152	118603	20.00	ng	-0.02
21) Naphthalene-d8	10.02	136	451292	20.00	ng	-0.03
38) Acenaphthene-d10	13.93	164	340251	20.00	ng	-0.02
63) Phenanthrene-d10	16.69	188	952894	20.00	ng	-0.02
75) Chrysene-d12	20.92	240	1329002	20.00	ng	-0.02
86) Perylene-d12	22.99	264	1195909	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	4.91	112	905903	129.12	ng	-0.02
7) Phenol-d6	6.47	99	1231951	123.58	ng	-0.02
23) Nitrobenzene-d5	8.41	82	1321412	109.89	ng	-0.03
41) 2,4,6-Tribromophenol	15.44	330	741698	136.00	ng	-0.02
44) 2-Fluorobiphenyl	12.54	172	2276555	83.91	ng	-0.02
78) Terphenyl-d14	19.37	244	4953692	73.83	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.92	88	136516	43.336	ng	# 100
3) Pyridine	3.29	79	397335	46.177	ng	# 87
4) n-Nitrosodimethylamine	3.20	42	256394	58.471	ng	# 63
6) Aniline	6.62	93	375001	29.848	ng	# 79
8) 2-Chlorophenol	6.84	128	269633	37.853	ng	# 60
9) Benzaldehyde	6.42	77	218343	33.852	ng	# 65
10) Phenol	6.50	94	427456	39.479	ng	# 85
11) bis(2-Chloroethyl)ether	6.72	93	369228	43.766	ng	# 81
12) 1,3-Dichlorobenzene	7.15	146	321228	37.003	ng	# 69
13) 1,4-Dichlorobenzene	7.30	146	328089	36.870	ng	# 85
14) 1,2-Dichlorobenzene	7.61	146	315688	37.105	ng	# 89
15) Benzyl Alcohol	7.52	79	497027	51.974	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.79	45	411082	54.149	ng	# 85
17) 2-Methylphenol	7.72	107	289148	41.784	ng	# 67
18) Hexachloroethane	8.32	117	158346	40.805	ng	# 73
19) n-Nitroso-di-n-propylamine	8.07	70	448993	53.003	ng	# 91
20) 3+4-Methylphenols	8.05	107	396644	41.234	ng	# 76
22) Acetophenone	8.09	105	595155	43.995	ng	# 86
24) Nitrobenzene	8.45	77	665098	53.378	ng	# 79
25) Isophorone	8.97	82	1041116	51.930	ng	# 81
26) 2-Nitrophenol	9.16	139	162269	40.929	ng	# 10
27) 2,4-Dimethylphenol	9.23	122	289666	41.504	ng	# 58
28) bis(2-Chloroethoxy)methane	9.47	93	525929	47.034	ng	# 95
29) 2,4-Dichlorophenol	9.69	162	338490	43.160	ng	# 82
30) 1,2,4-Trichlorobenzene	9.89	180	423218	43.644	ng	# 98
31) Naphthalene	10.07	128	944708	41.612	ng	# 98
32) Benzoic acid	9.39	122	176327	31.431	ng	# 34
33) 4-Chloroaniline	10.20	127	142426	15.726	ng	# 58
34) Hexachlorobutadiene	10.36	225	343397	44.962	ng	# 97
35) Caprolactam	10.99	113	80824m	36.340	ng	#
36) 4-Chloro-3-methylphenol	11.34	107	442860	43.732	ng	# 72
37) 2-Methylnaphthalene	11.69	142	752831	45.139	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.08	216	586491	40.120	ng	# 100
40) Hexachlorocyclopentadiene	12.06	237	768918	90.270	ng	# 98

Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
 Data File : BM011354.D
 Acq On : 25 Aug 2017 21:29
 Operator : SJ/JU
 Sample : I4943-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-082317MSD

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:17:36 PM

Quant Time: Aug 26 01:08:10 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	12.34	196	359977	40.685	nq	96
43) 2,4,5-Trichlorophenol	12.42	196	374101	41.052	nq #	85
45) 1,1'-Biphenyl	12.75	154	1080571	36.728	nq	94
46) 2-Chloronaphthalene	12.79	162	861690	39.751	nq #	93
47) 2-Nitroaniline	13.01	65	445569	58.102	nq #	55
48) Acenaphthylene	13.65	152	1326263	40.997	nq	100
49) Dimethylphthalate	13.42	163	1179966	40.539	nq #	98
50) 2,6-Dinitrotoluene	13.53	165	251644	42.753	nq #	36
51) Acenaphthene	14.00	154	819222	40.898	nq	100
52) 3-Nitroaniline	13.86	138	193477	37.879	nq #	14
53) 2,4-Dinitrophenol	14.07	184	372552	89.061	nq #	74
54) Dibenzofuran	14.34	168	1481319	45.641	nq #	90
55) 4-Nitrophenol	14.19	139	287668	64.104	nq #	55
56) 2,4-Dinitrotoluene	14.33	165	380300	46.024	nq #	63
57) Fluorene	14.99	166	1218684	43.126	nq	98
58) 2,3,4,6-Tetrachlorophenol	14.57	232	418198	48.960	nq #	100
59) Diethylphthalate	14.80	149	1255646	42.240	nq	98
60) 4-Chlorophenyl-phenylether	15.00	204	738812	43.304	nq	98
61) 4-Nitroaniline	15.04	138	203088	37.434	nq #	1
62) Azobenzene	15.30	77	1959507	61.592	nq	84
64) 4,6-Dinitro-2-methylphenol	15.09	198	267470	41.462	nq	85
65) n-Nitrosodiphenylamine	15.22	169	1091559	40.027	nq	99
66) 4-Bromophenyl-phenylether	15.90	248	492856	40.234	nq #	89
67) Hexachlorobenzene	16.00	284	518511	37.458	nq #	87
68) Atrazine	16.20	200	493814	45.186	nq	95
69) Pentachlorophenol	16.35	266	713206	81.156	nq	96
70) Phenanthrene	16.73	178	2263950	45.374	nq	99
71) Anthracene	16.83	178	2251877	45.253	nq	100
72) Carbazole	17.11	167	1970701	45.285	nq	100
73) Di-n-butylphthalate	17.70	149	2296823	43.340	nq #	96
74) Fluoranthene	18.77	202	3102316	50.173	nq	98
76) Benzidine	18.99	184	1219346	38.352	nq	98
77) Pyrene	19.14	202	3230963	40.915	nq	99
79) Butylbenzylphthalate	20.09	149	1143674	40.728	nq #	57
80) Benzo(a)anthracene	20.91	228	3337630	43.983	nq	100
81) 3,3'-Dichlorobenzidine	20.86	252	905119	30.404	nq #	95
82) Chrysene	20.96	228	3154955	43.312	nq	100
83) Bis(2-ethylhexyl)phthalate	20.87	149	1629580	39.447	nq	100
84) Di-n-octyl phthalate	21.72	149	2807686	41.876	nq #	93
85) Indeno(1,2,3-cd)pyrene	25.00	276	3274758	43.409	nq #	96
87) Benzo(b)fluoranthene	22.39	252	3198760	41.675	nq #	91
88) Benzo(k)fluoranthene	22.43	252	3186387	43.313	nq #	94
89) Benzo(a)pyrene	22.90	252	3070717	44.213	nq #	96
90) Dibenzo(a,h)anthracene	25.01	278	2697880	41.902	nq #	89
91) Benzo(g,h,i)perylene	25.60	276	2696270	42.647	nq #	84

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

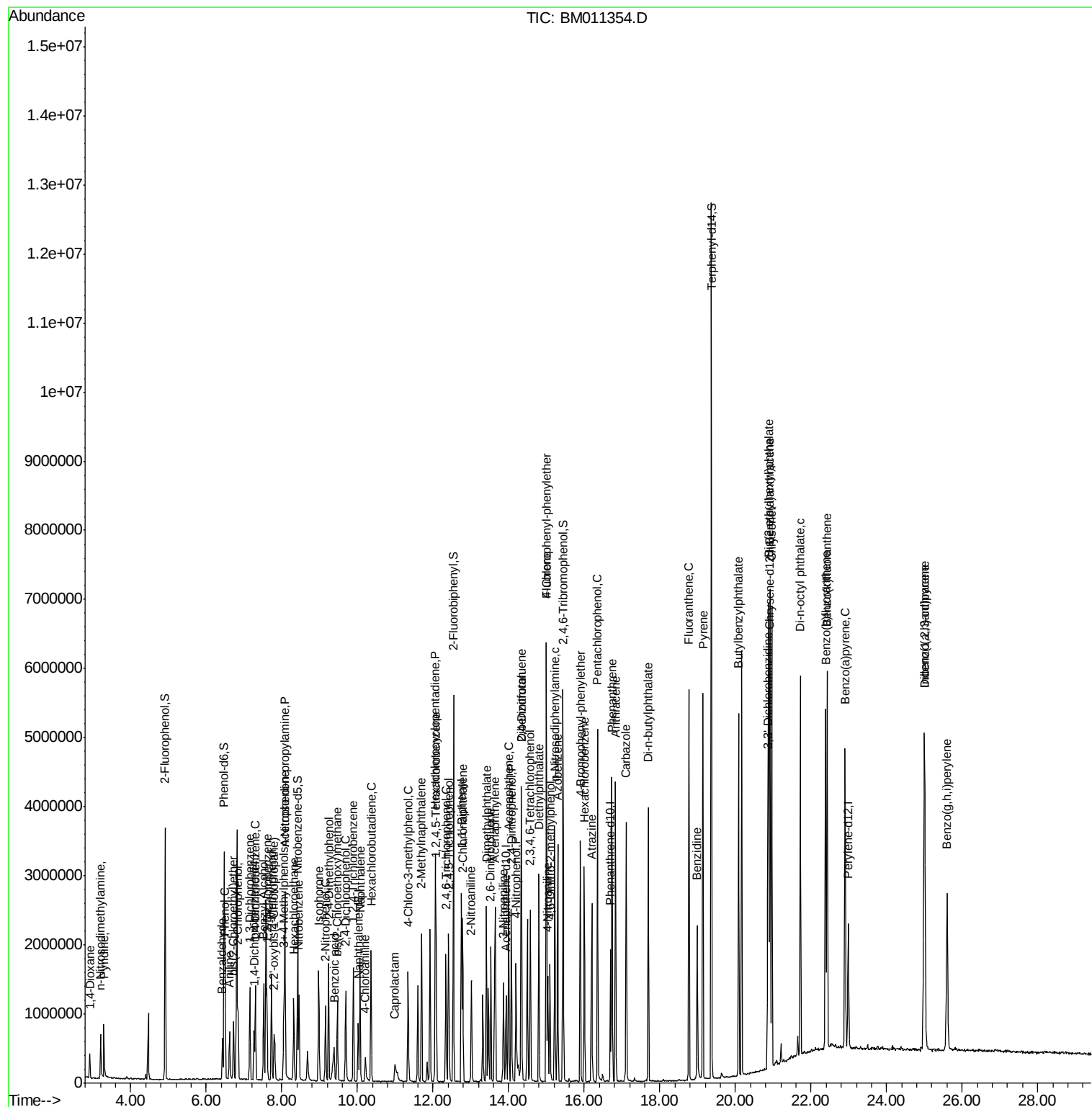
Data Path : Z:\HPCHEM1\BNA M\DATA\BM082517\
Data File : BM011354.D
Acq On : 25 Aug 2017 21:29
Operator : SJ/JU
Sample : I4943-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

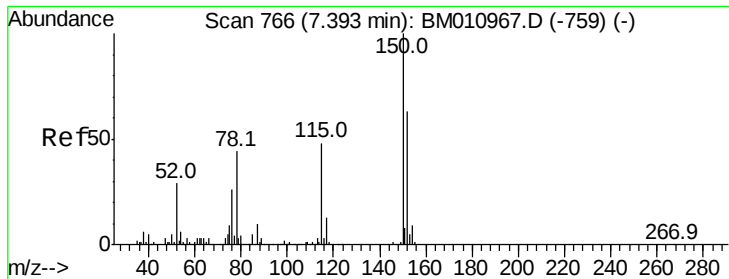
Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM

Quant Time: Aug 26 01:08:10 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





#1

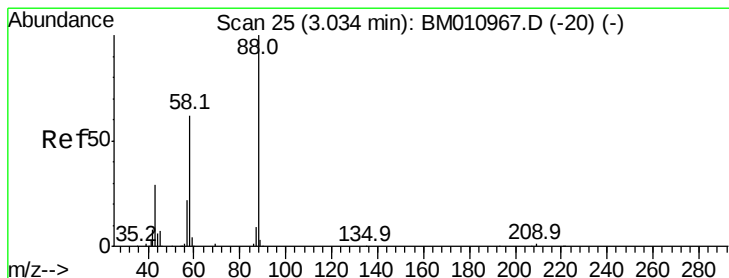
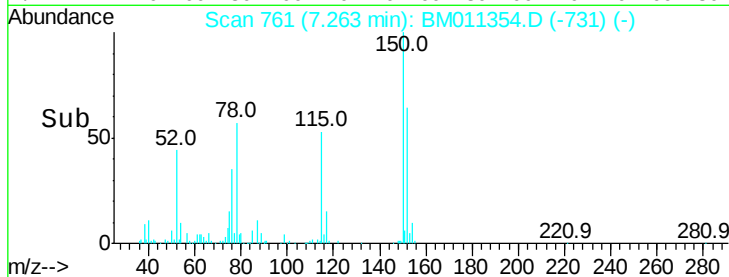
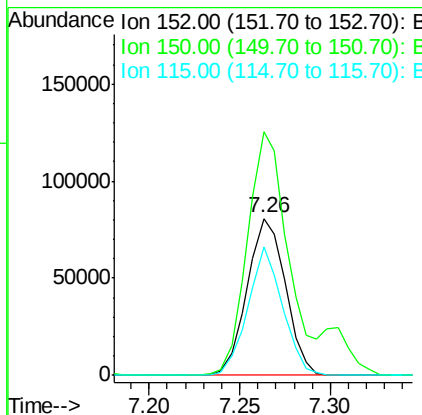
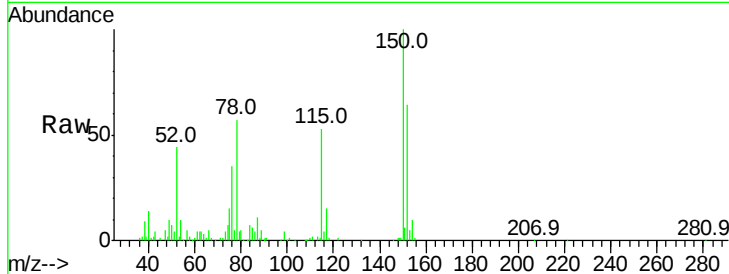
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.26 min Scan# 761
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	119.5	179.3
115	82.2	43.0	64.4

Manual Integrations
APPROVED

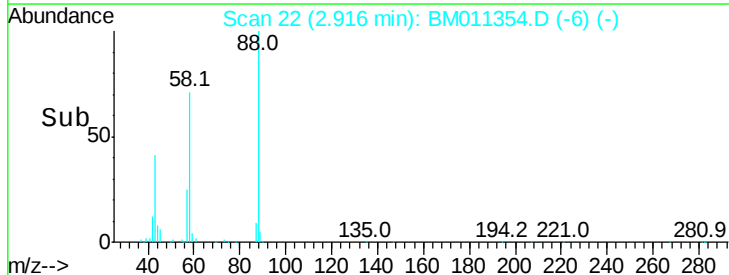
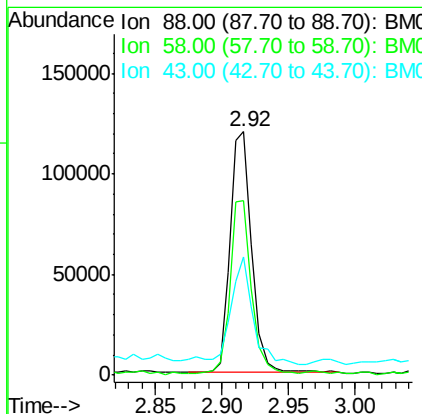
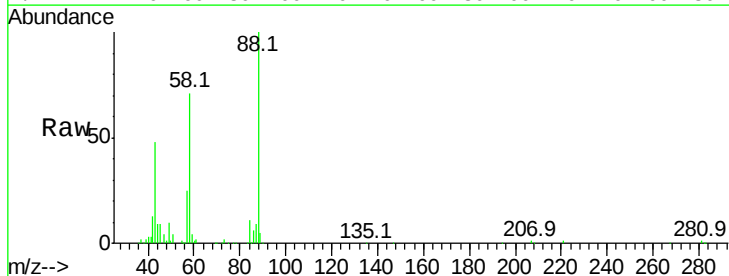
Sohil
8/28/2017 3:17:36 PM

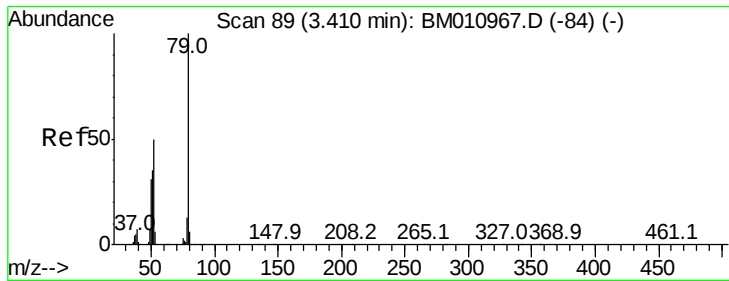


#2

1,4-Dioxane
Concen: 43.336 ng
RT: 2.92 min Scan# 22
Delta R.T. -0.01 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.2	0.0	0.0
43	47.0	0.0	0.0





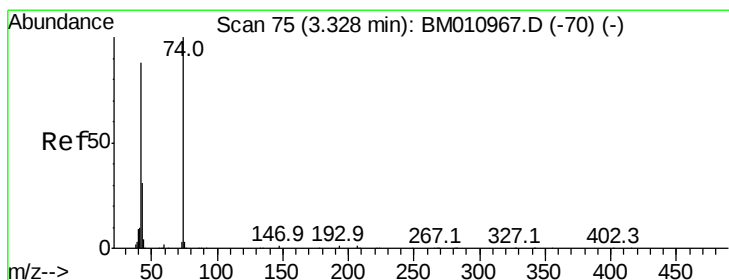
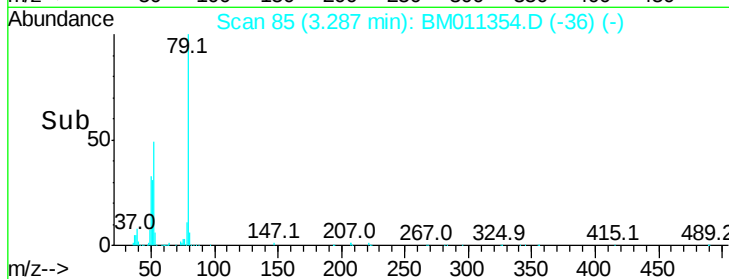
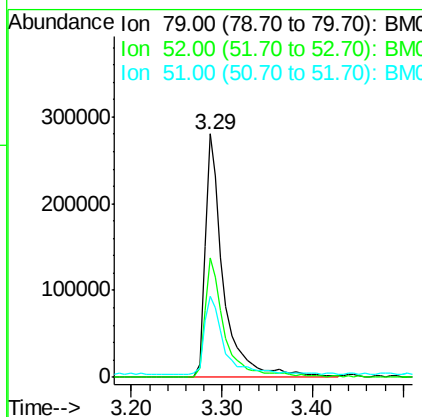
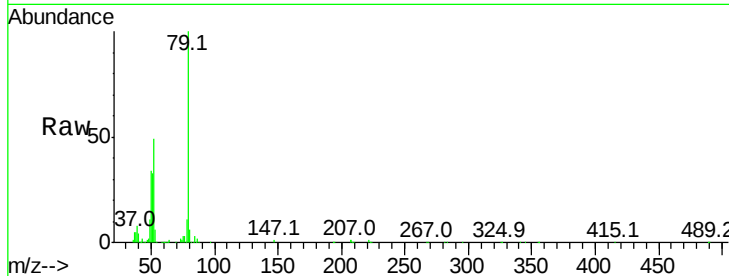
#3
 Pvridine
 Concen: 46.177 ng
 RT: 3.29 min Scan# 85
 Delta R.T. -0.01 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-082317MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	49.3	51.1	76.7#	
51	33.3	26.1	39.1	

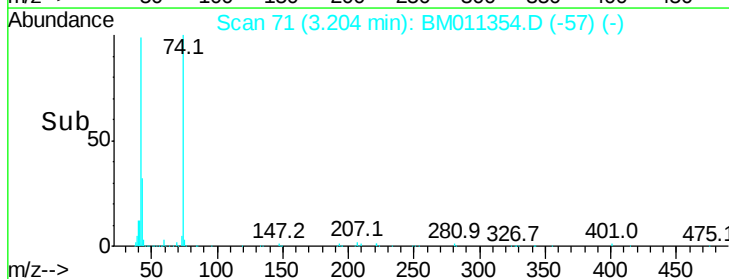
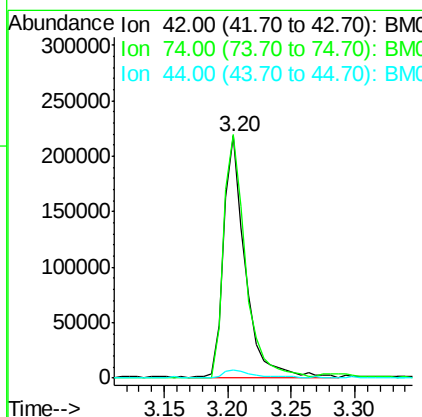
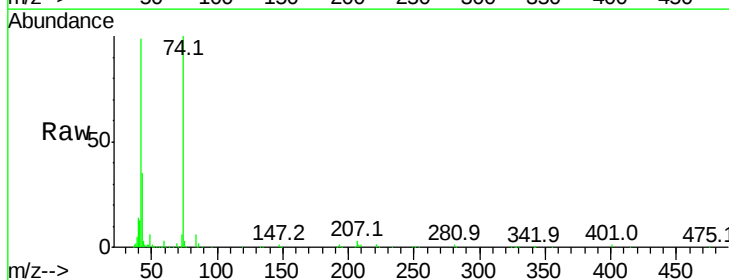
Manual Integrations
 APPROVED

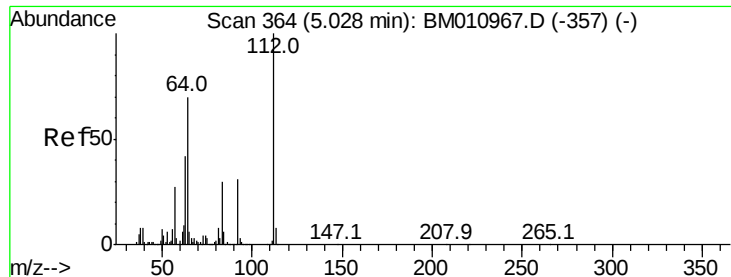
Sohil
 8/28/2017 3:17:36 PM



#4
 n-Nitrosodimethylamine
 Concen: 58.471 ng
 RT: 3.20 min Scan# 71
 Delta R.T. -0.02 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	100.6	119.3	178.9#	
44	3.4	5.4	8.2#	





#5

2-Fluorophenol

Concen: 129.118 ng

RT: 4.91 min Scan# 361

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

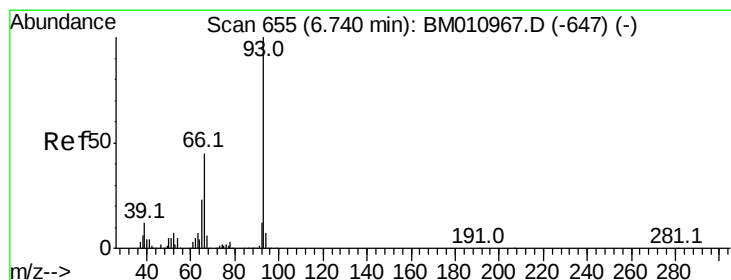
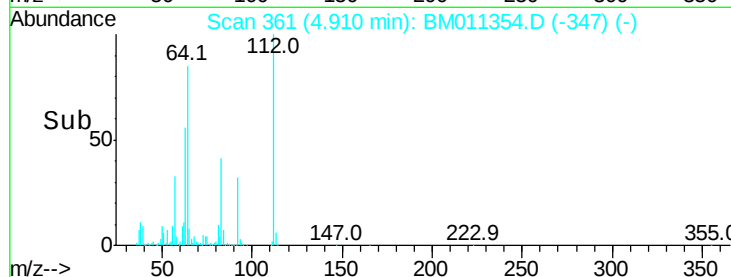
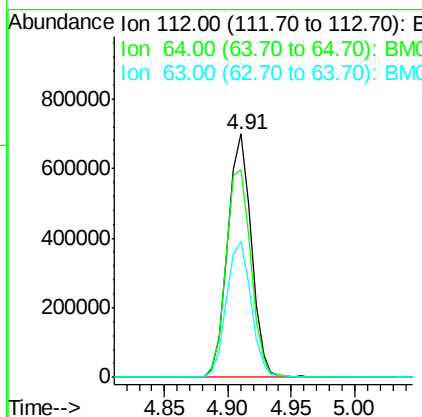
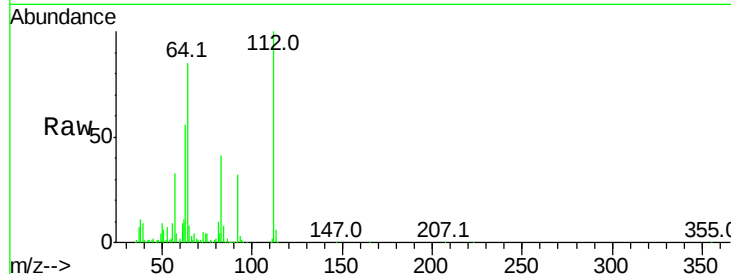
ClientSampleId :

OR-01-082317MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100			
64	85.4	38.6	57.8#	
63	56.0	19.3	28.9#	

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM



#6

Aniline

Concen: 29.848 ng

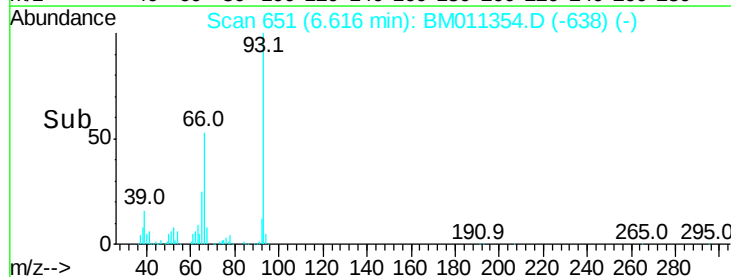
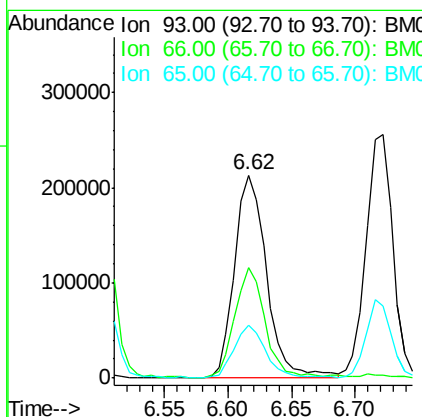
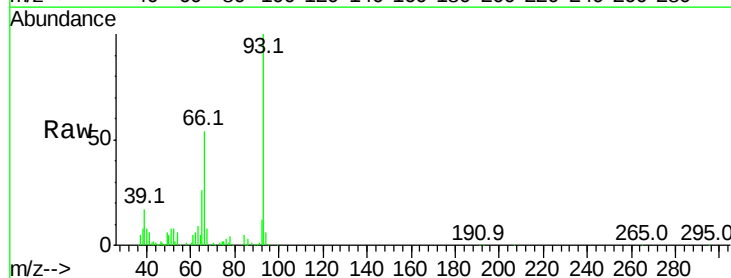
RT: 6.62 min Scan# 651

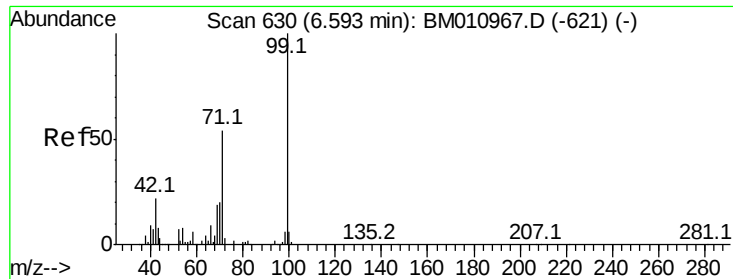
Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
66	54.3	30.8	46.2#	
65	25.8	16.0	24.0#	





#7

Phenol-d6

Concen: 123.583 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

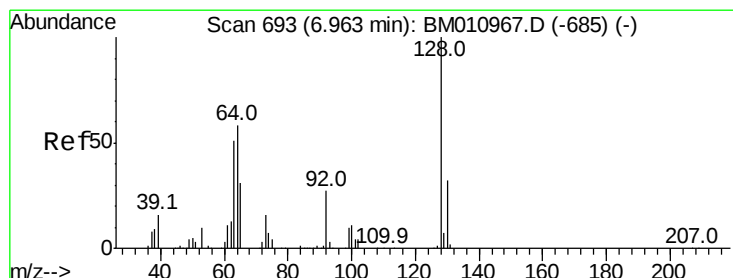
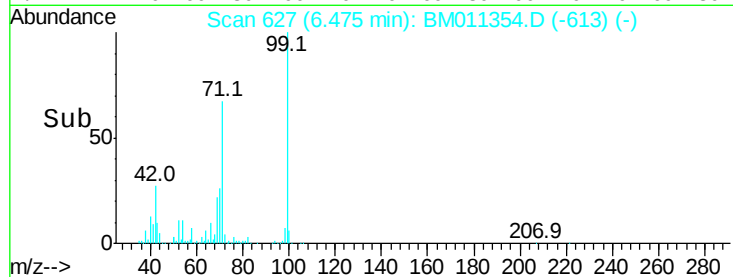
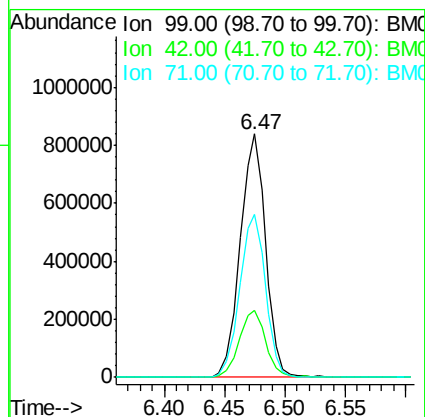
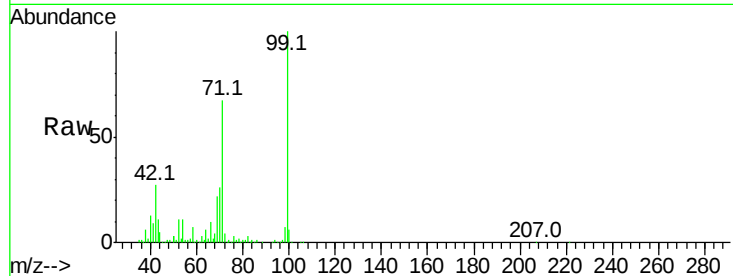
ClientSampleId :

OR-01-082317MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100				
42	27.4	11.0	16.4#		
71	66.9	23.4	35.2#		

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM



#8

2-Chlorophenol

Concen: 37.853 ng

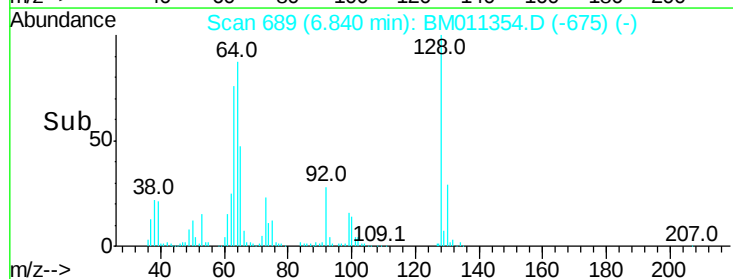
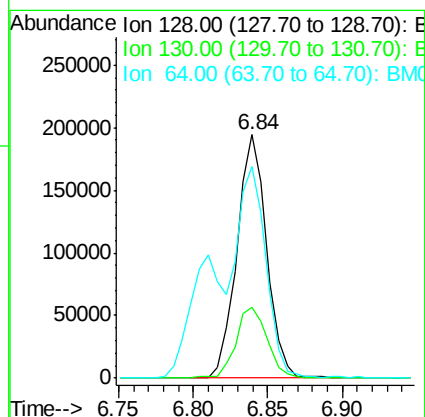
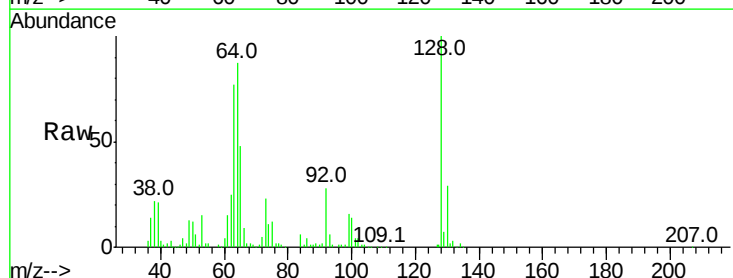
RT: 6.84 min Scan# 689

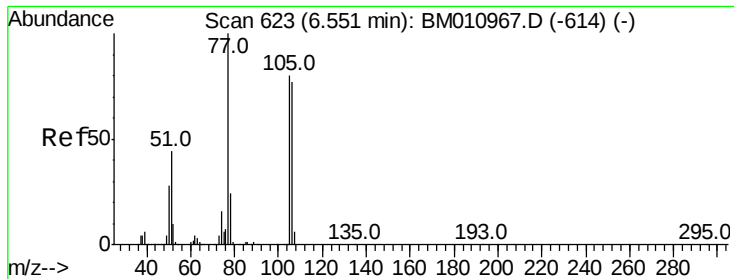
Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100				
130	29.1	12.0	52.0		
64	87.0	24.9	64.9#		





#9

Benzaldehyde

Concen: 33.852 ng

RT: 6.42 min Scan# 618

Delta R.T. -0.03 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

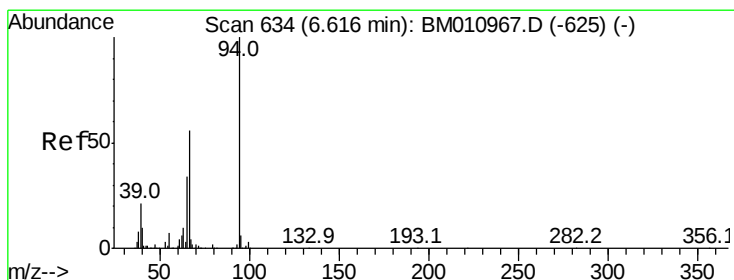
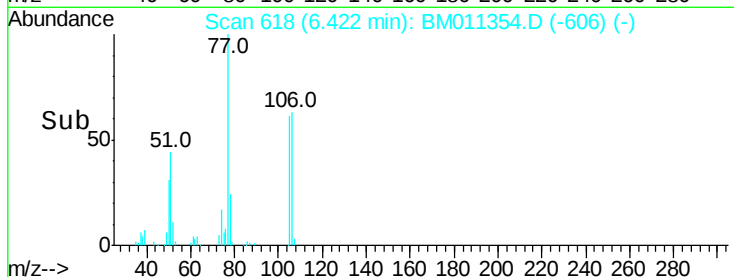
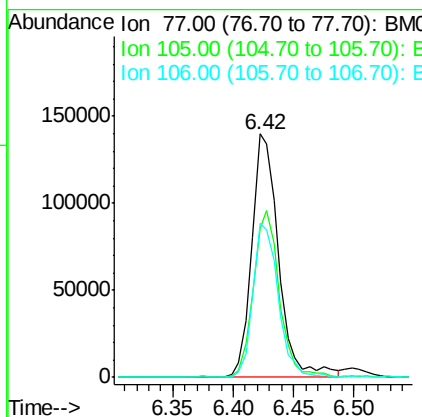
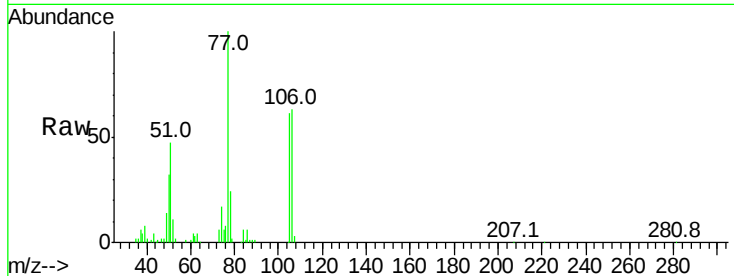
ClientSampleId :

OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	61.2	78.8	118.8#
106	63.5	73.7	113.7#

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM



#10

Phenol

Concen: 39.479 ng

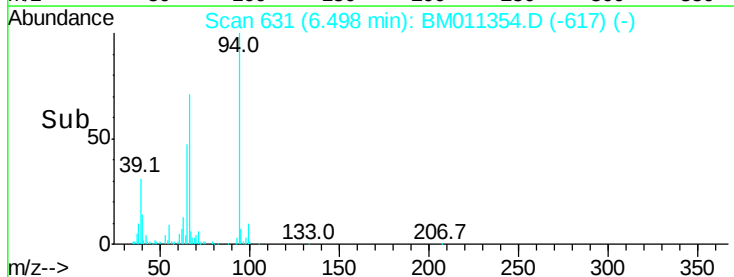
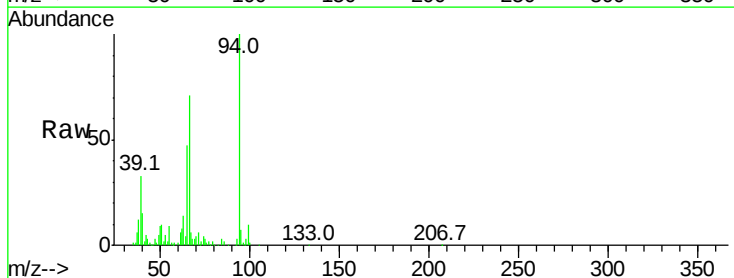
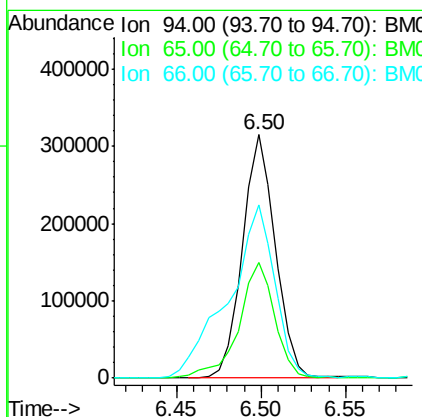
RT: 6.50 min Scan# 631

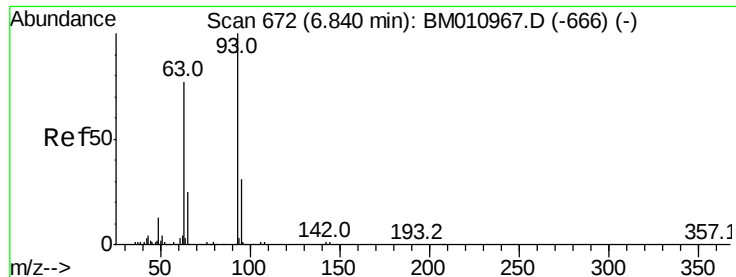
Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
94	100		
65	47.4	18.8	58.8
66	71.1	39.9	79.9





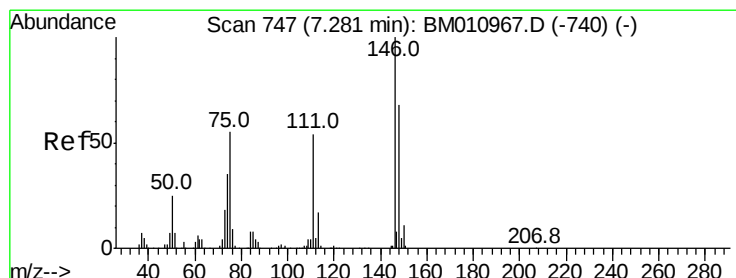
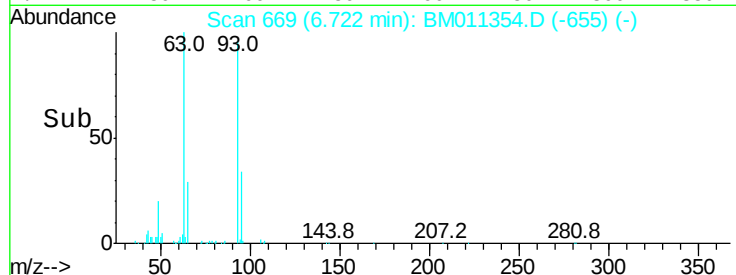
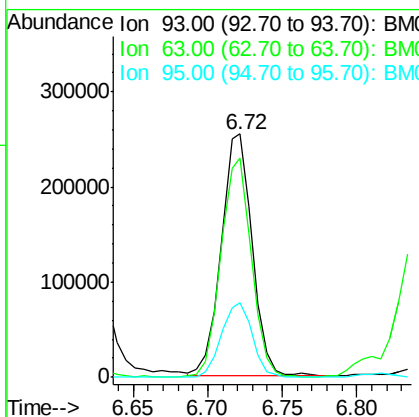
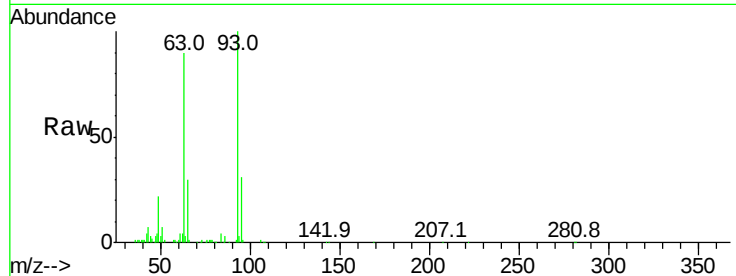
#11
bis(2-Chloroethyl)ether
Concen: 43.766 ng
RT: 6.72 min Scan# 669
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	90.0	49.5	89.5#
95	30.5	13.5	53.5

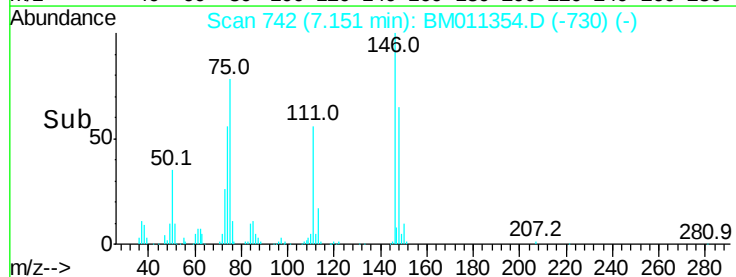
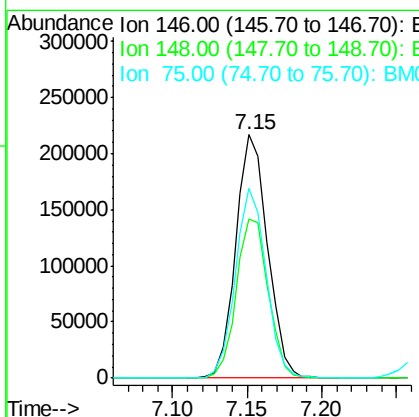
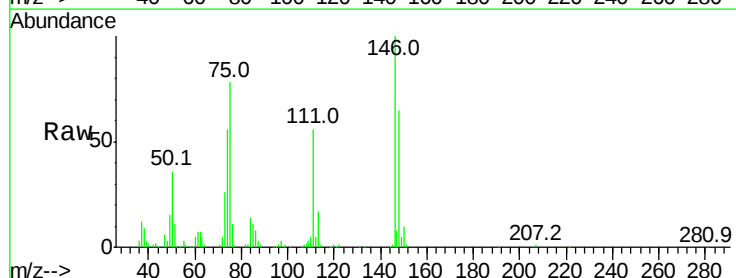
Manual Integrations
APPROVED

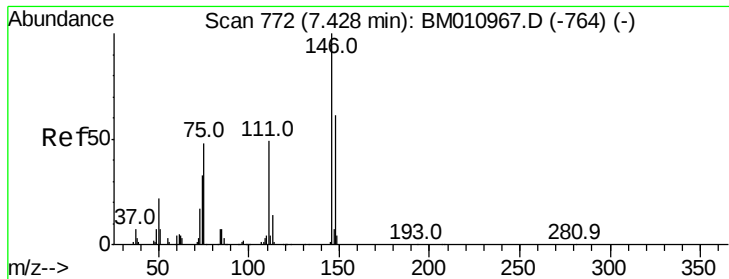
Sohil
8/28/2017 3:17:36 PM



#12
1,3-Dichlorobenzene
Concen: 37.003 ng
RT: 7.15 min Scan# 742
Delta R.T. -0.03 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.3	50.9	76.3
75	77.8	21.4	32.2#





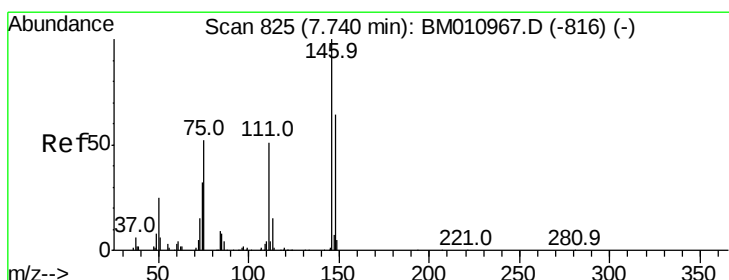
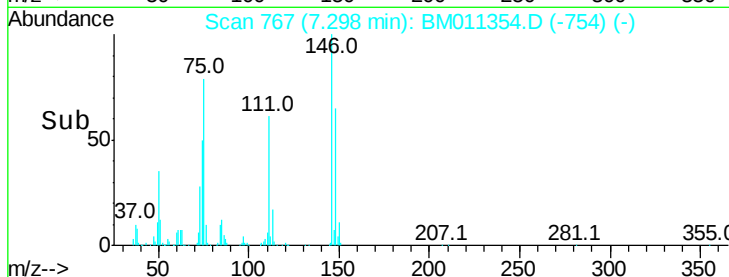
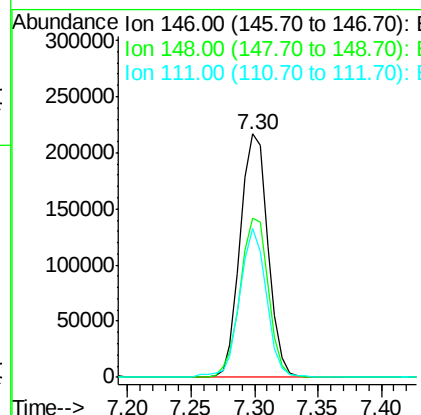
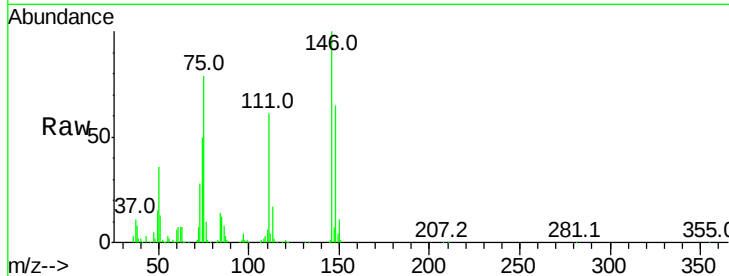
#13
1,4-Dichlorobenzene
Concen: 36.870 ng
RT: 7.30 min Scan# 767
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.9	77.9
111	61.1	29.2	43.8

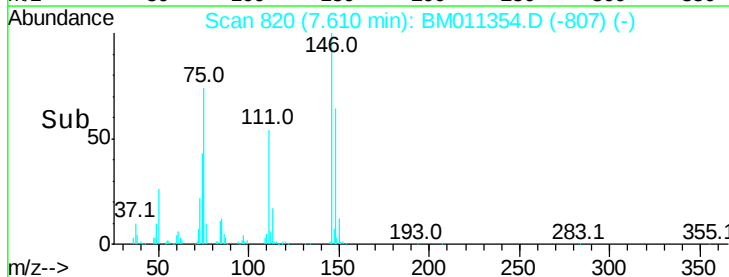
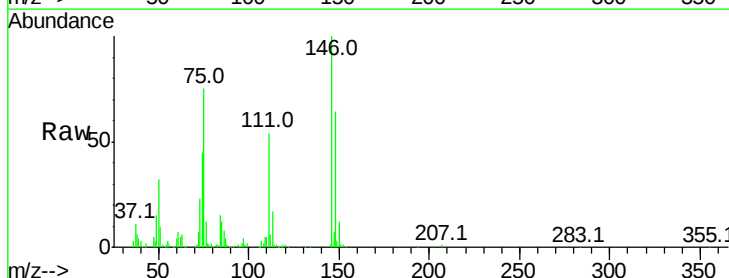
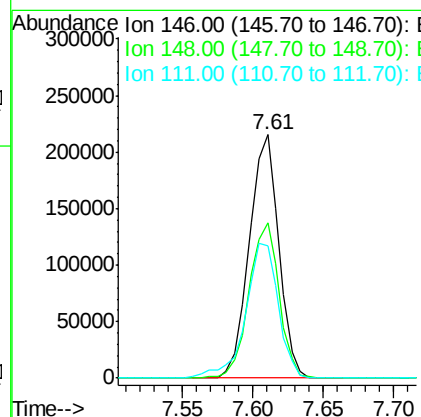
Manual Integrations
APPROVED

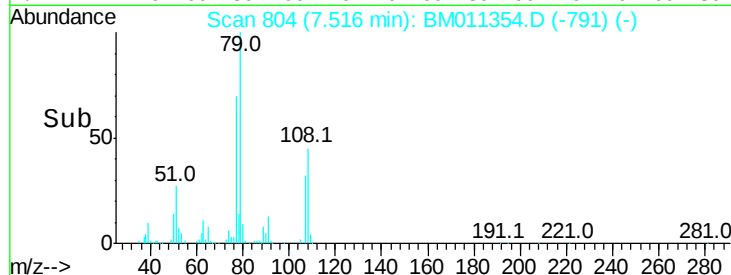
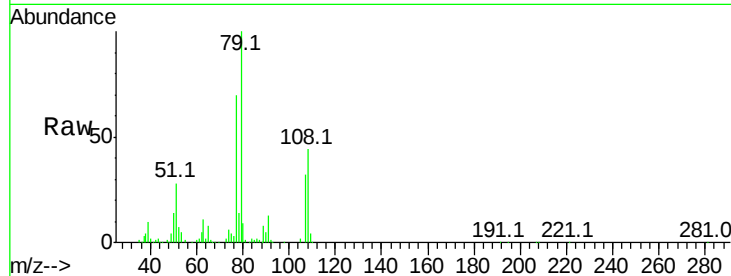
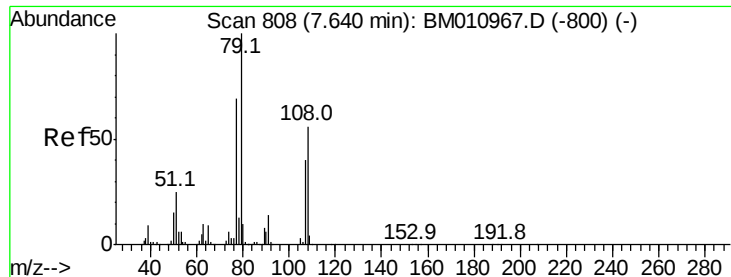
Sohil
8/28/2017 3:17:36 PM



#14
1,2-Dichlorobenzene
Concen: 37.105 ng
RT: 7.61 min Scan# 820
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.3	78.5
111	54.2	30.6	45.8





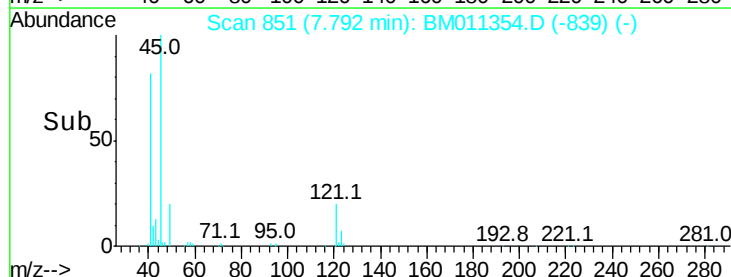
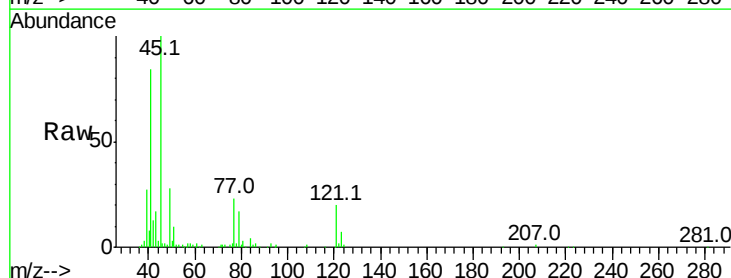
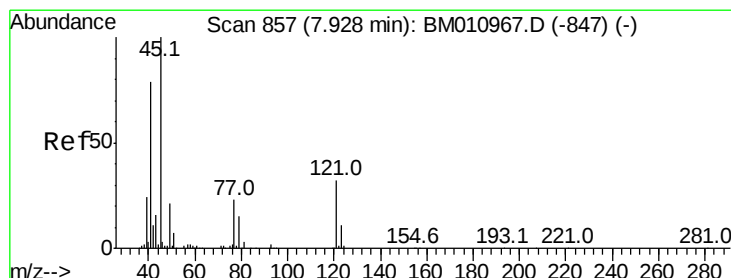
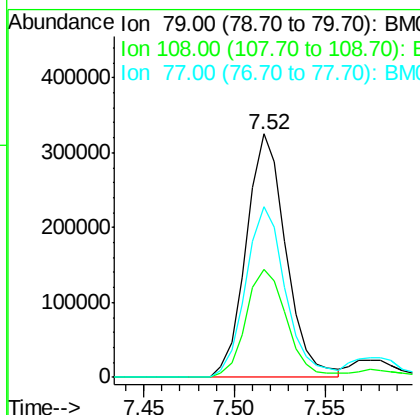
#15
Benzyl Alcohol
Concen: 51.974 ng
RT: 7.52 min Scan# 804
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tot Ion	Ratio	Lower	Upper
79	100		
108	44.5	65.0	97.4#
77	69.9	53.0	79.6

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

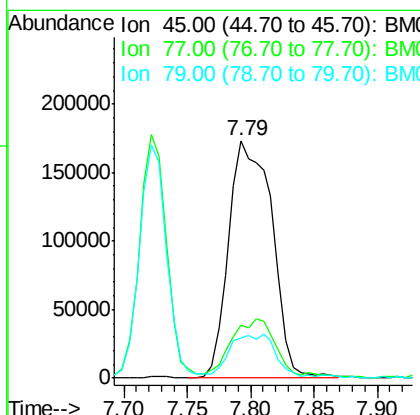
Manual Integrations
APPROVED

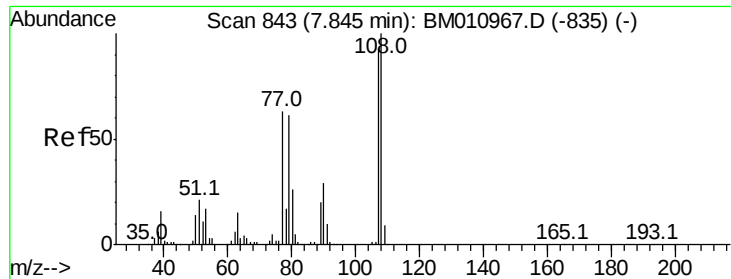
Sohil
8/28/2017 3:17:36 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.149 ng
RT: 7.79 min Scan# 851
Delta R.T. -0.03 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.5	0.0	35.2
79	16.9	0.0	32.0





#17

2-Methylphenol

Concen: 41.784 ng

RT: 7.72 min Scan# 839

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

ClientSampleId :

OR-01-082317MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			

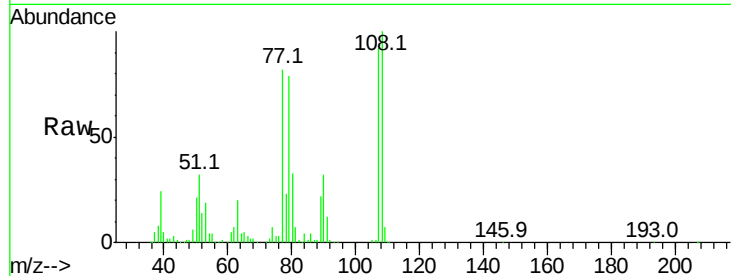
108	109.1	89.8	134.8
-----	-------	------	-------

77	89.4	32.6	48.8#
----	------	------	-------

79	85.7	32.8	49.2#
----	------	------	-------

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM



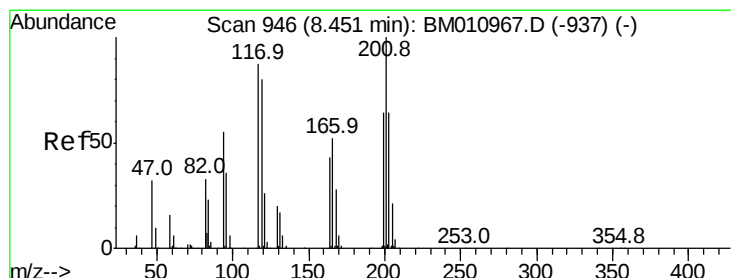
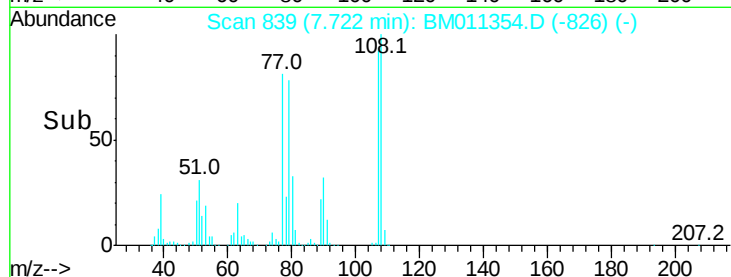
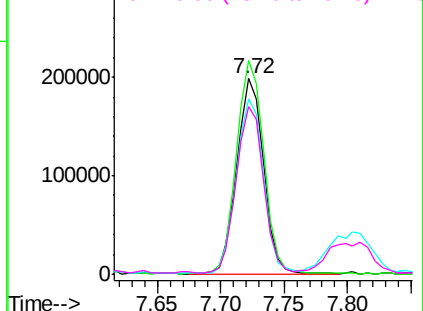
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 40.805 ng

RT: 8.32 min Scan# 940

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			

119	87.0	79.2	118.8
-----	------	------	-------

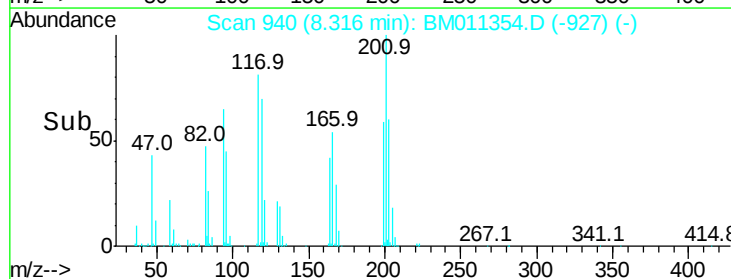
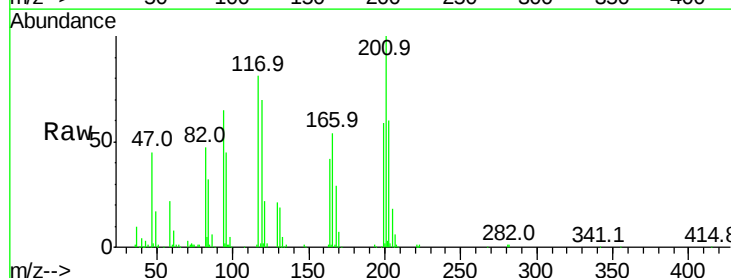
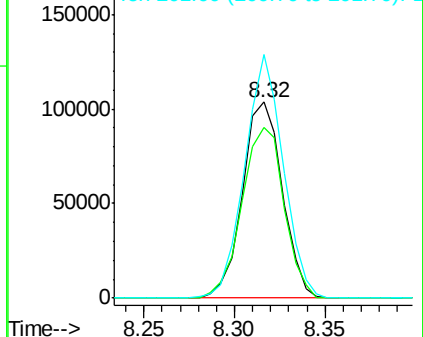
201	127.5	69.8	104.6#
-----	-------	------	--------

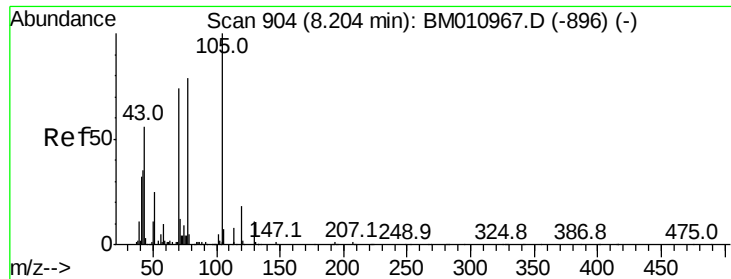
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





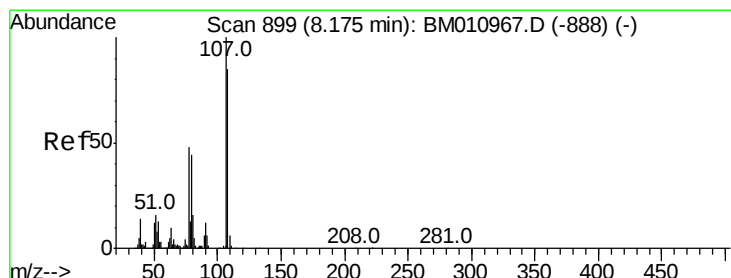
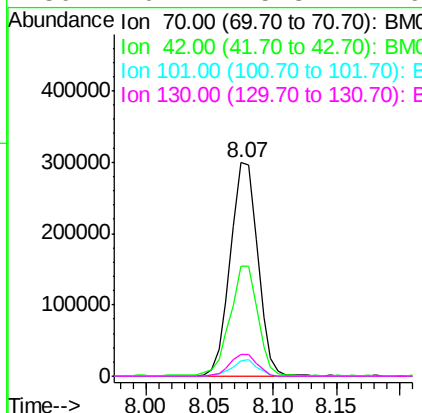
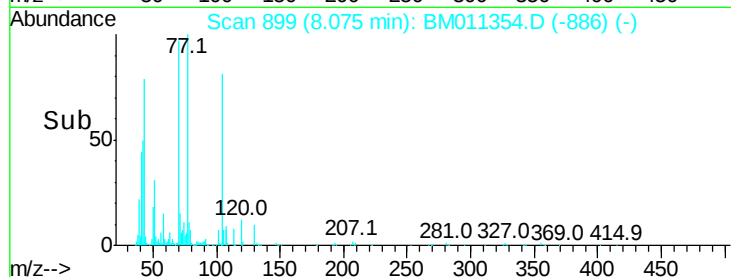
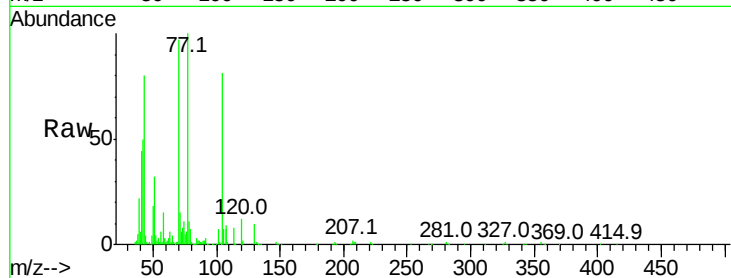
#19
n-Nitroso-di-n-propylamine
Concen: 53.003 ng
RT: 8.07 min Scan# 899
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.8	44.5	66.7
101	7.5	7.4	11.2
130	10.1	15.3	22.9#

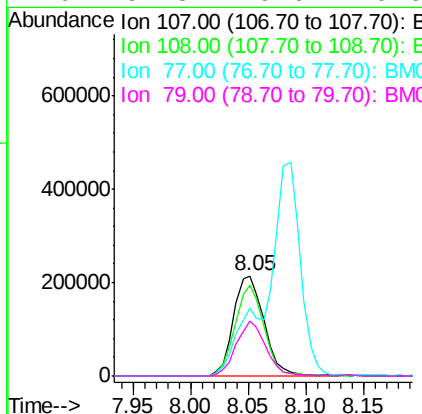
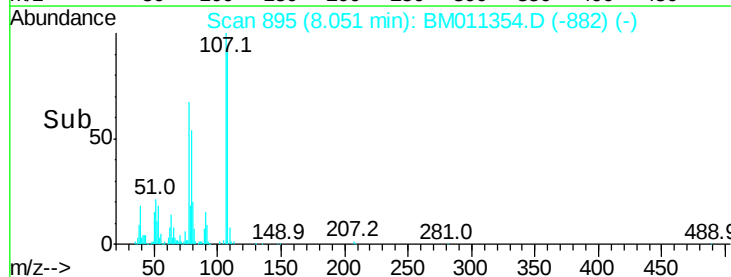
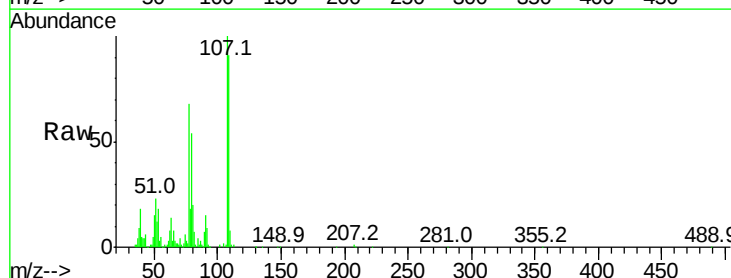
Manual Integrations
APPROVED

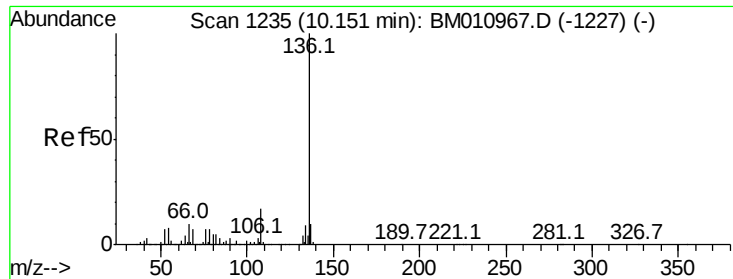
Sohil
8/28/2017 3:17:36 PM



#20
3+4-Methylphenols
Concen: 41.234 ng
RT: 8.05 min Scan# 895
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	73.2	113.2
77	67.6	10.7	50.7#
79	54.3	9.6	49.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.02 min Scan# 1229

Delta R.T. -0.03 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

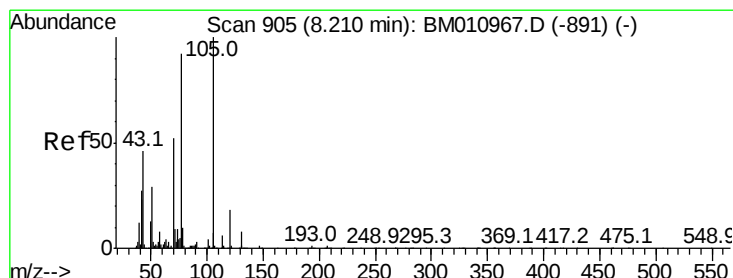
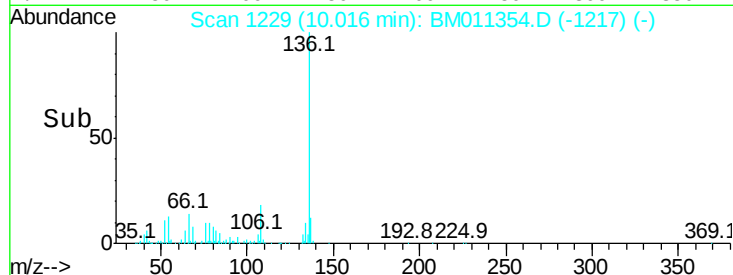
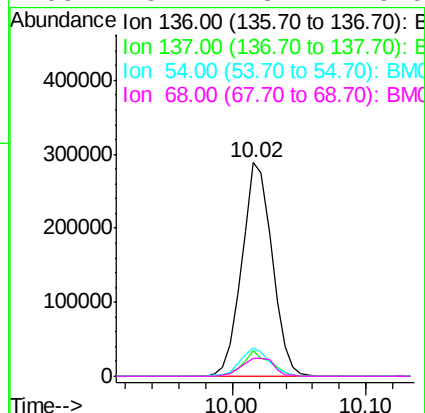
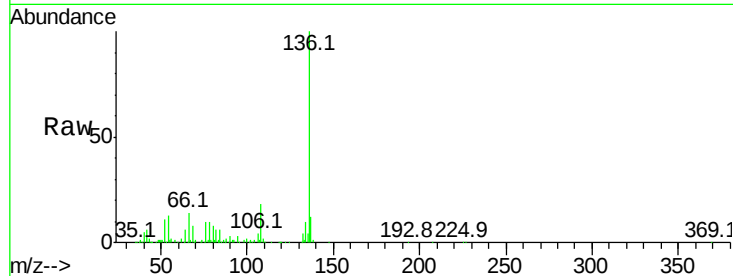
ClientSampleId :

OR-01-082317MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.8	8.7	13.1	
54	13.1	4.6	6.8#	
68	8.4	3.7	5.5#	

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM



#22

Acetophenone

Concen: 43.995 ng

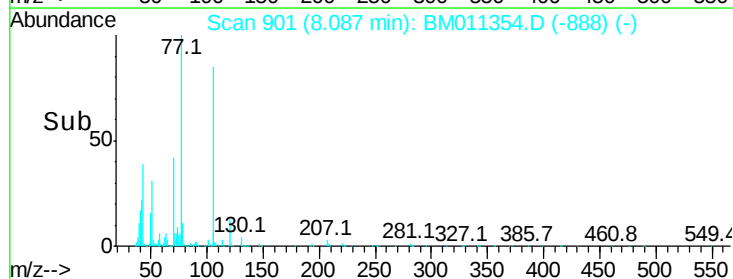
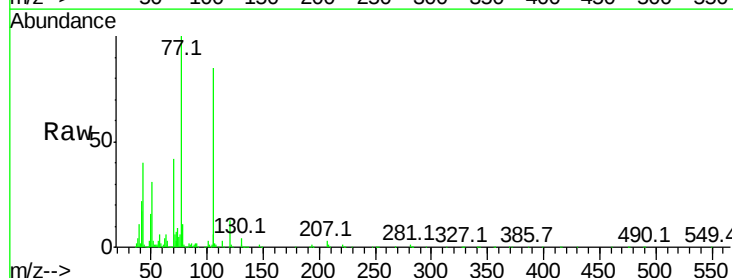
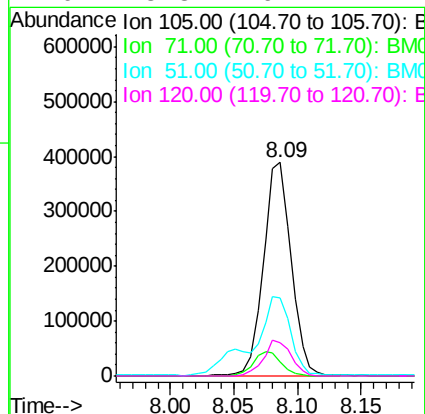
RT: 8.09 min Scan# 901

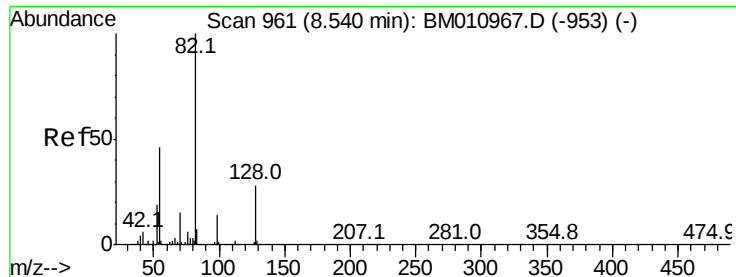
Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.7	0.6	1.0#	
51	36.4	21.6	32.4#	
120	15.8	16.1	24.1#	





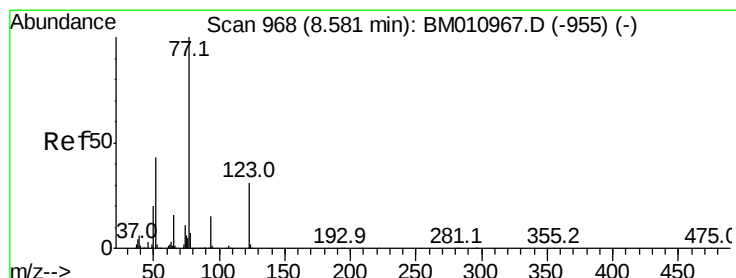
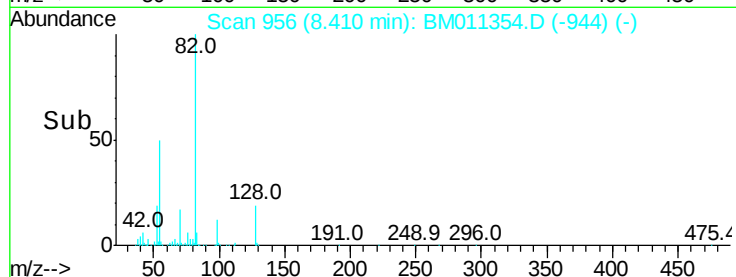
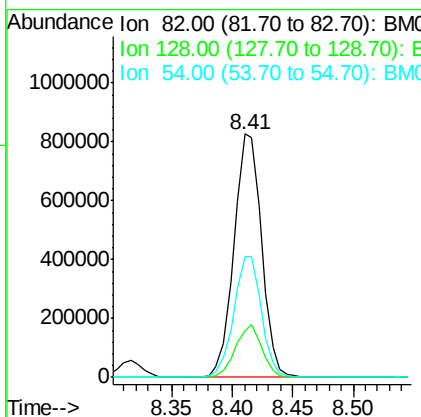
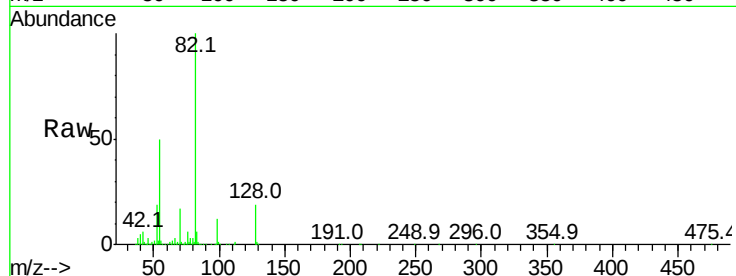
#23
 Nitrobenzene-d5
 Concen: 109.895 ng
 RT: 8.41 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	19.4	32.8	49.2#
54	49.5	40.6	60.8

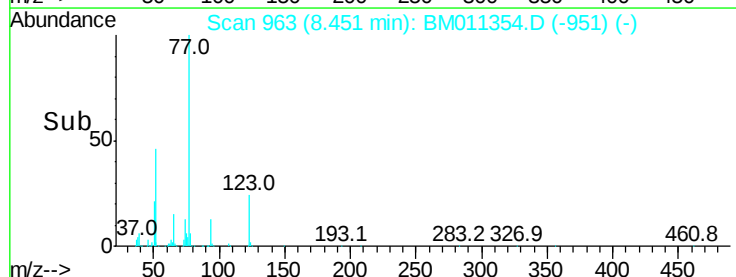
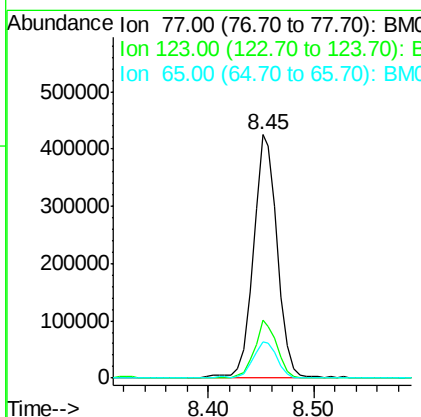
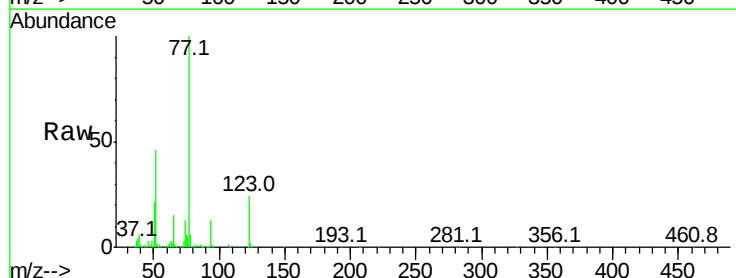
Manual Integrations
 APPROVED

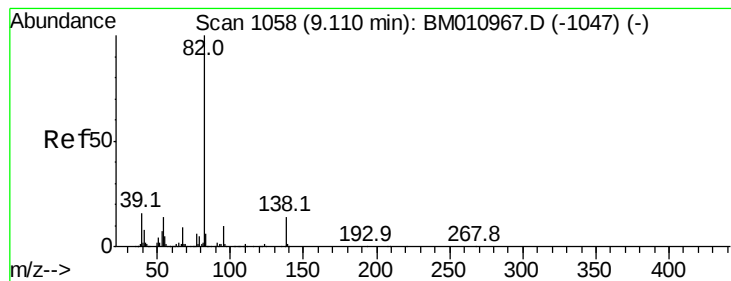
Sohil
 8/28/2017 3:17:36 PM



#24
 Nitrobenzene
 Concen: 53.378 ng
 RT: 8.45 min Scan# 963
 Delta R.T. -0.03 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	24.0	32.6	49.0#
65	14.7	10.9	16.3





#25

Isophorone

Concen: 51.930 ng

RT: 8.97 min Scan# 1052

Delta R.T. -0.03 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

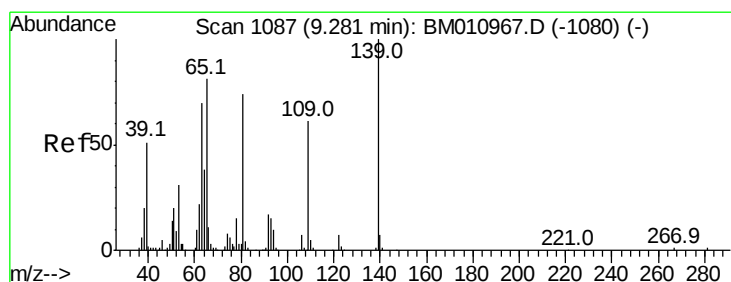
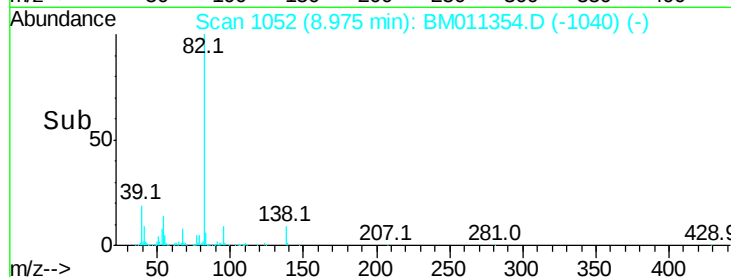
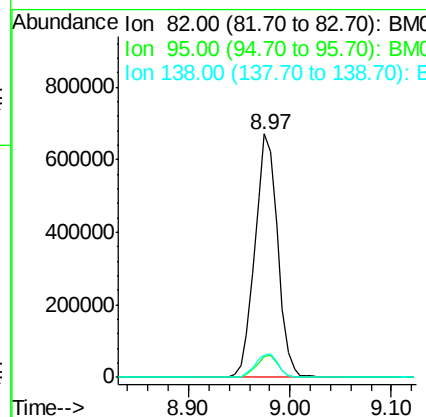
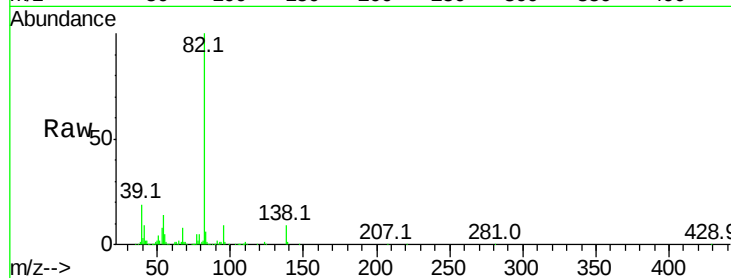
ClientSampleId :

OR-01-082317MSD

Tot Ion:	82	Resp:	1041116
Ion Ratio	Lower	Upper	
82	100		
95	8.5	5.8	8.6
138	9.1	16.3	24.5#

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM



#26

2-Nitrophenol

Concen: 40.929 ng

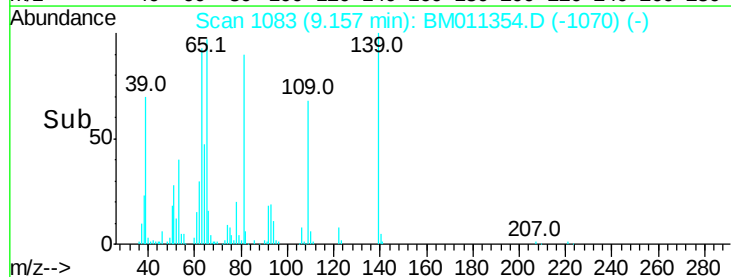
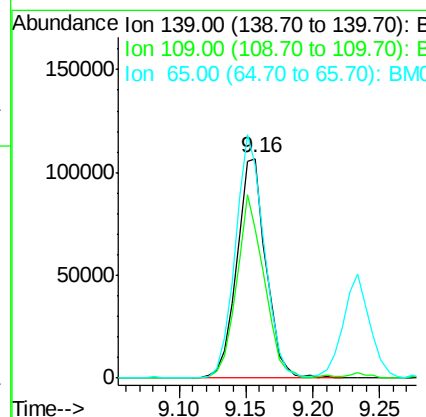
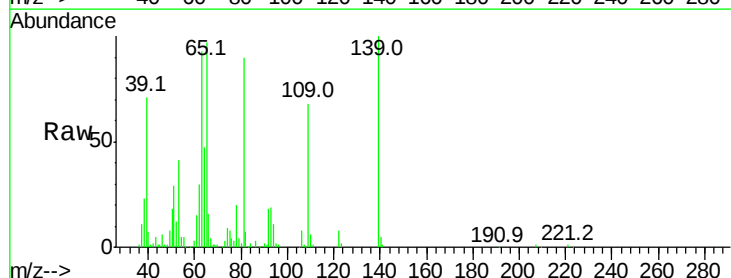
RT: 9.16 min Scan# 1083

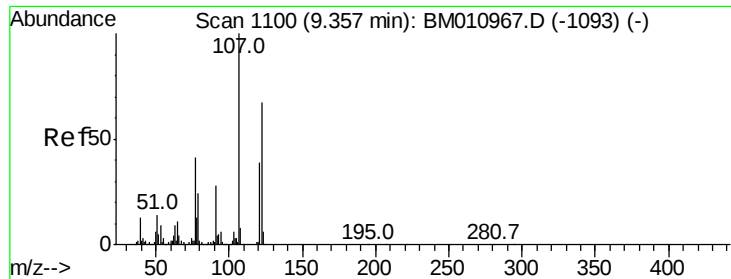
Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Tgt Ion:	139	Resp:	162269
Ion Ratio	Lower	Upper	
139	100		
109	67.5	20.1	30.1#
65	97.0	31.5	47.3#





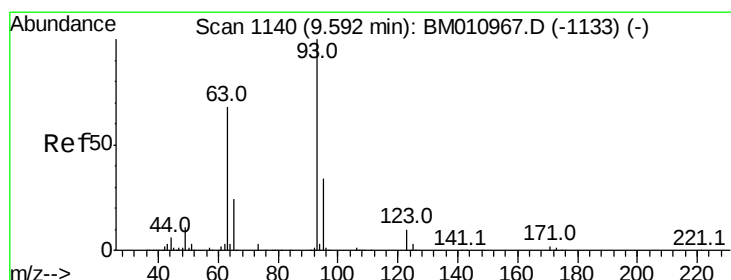
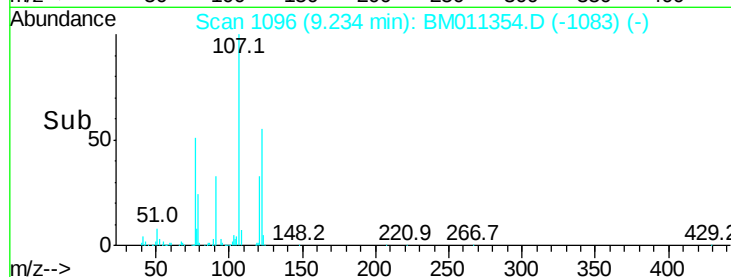
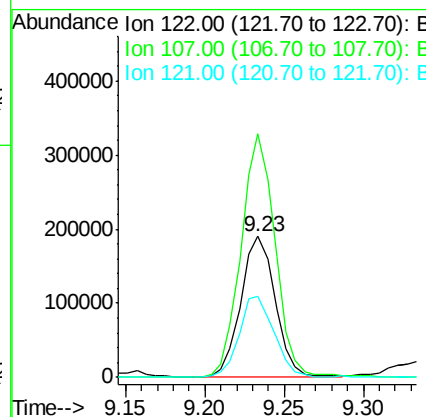
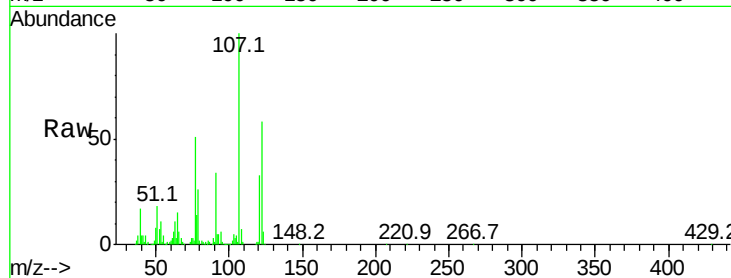
#27
2,4-Dimethylphenol
Concen: 41.504 ng
RT: 9.23 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	172.8	84.7	127.1#
121	57.7	46.6	69.8

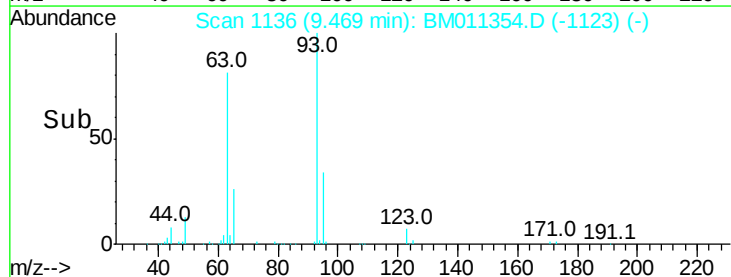
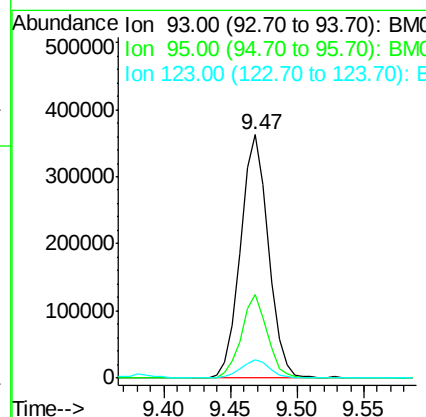
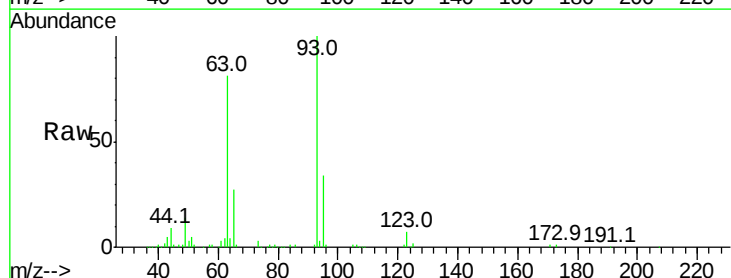
Manual Integrations
APPROVED

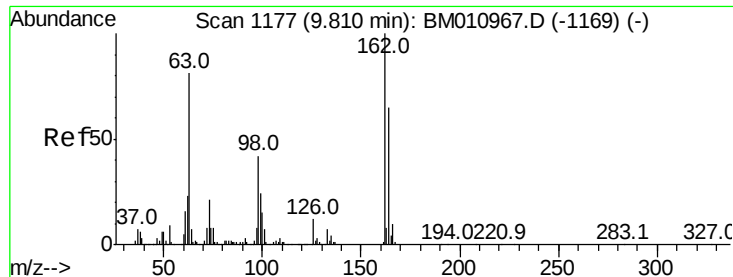
Sohil
8/28/2017 3:17:36 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.034 ng
RT: 9.47 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.5	38.3
123	7.4	8.6	13.0#





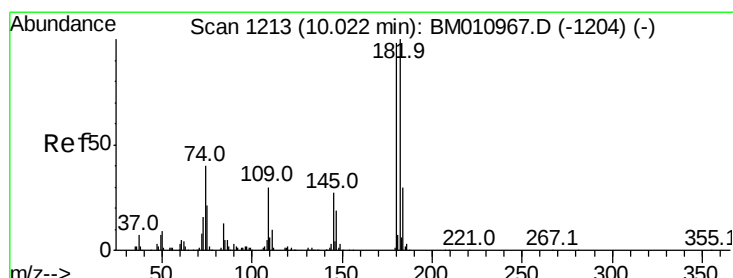
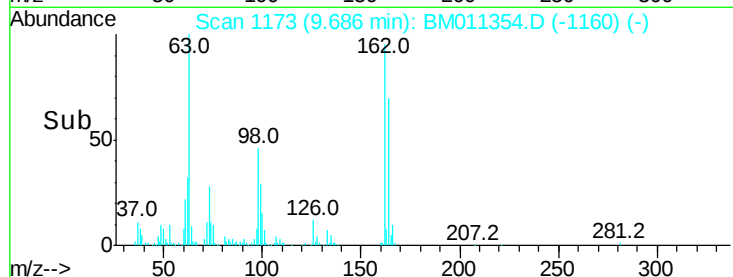
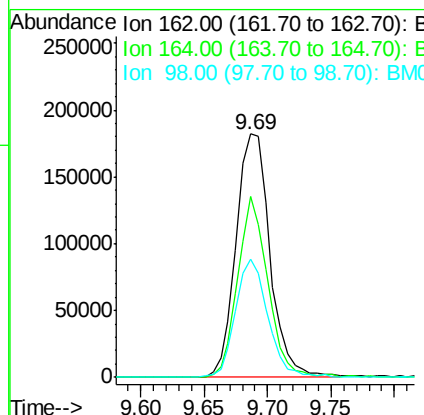
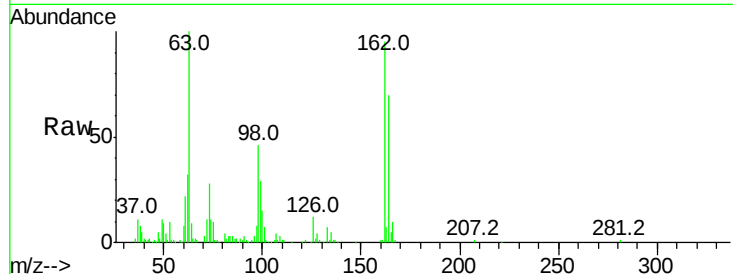
#29
2,4-Dichlorophenol
Concen: 43.160 ng
RT: 9.69 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	74.2	42.8	82.8	
98	48.7	14.5	54.5	

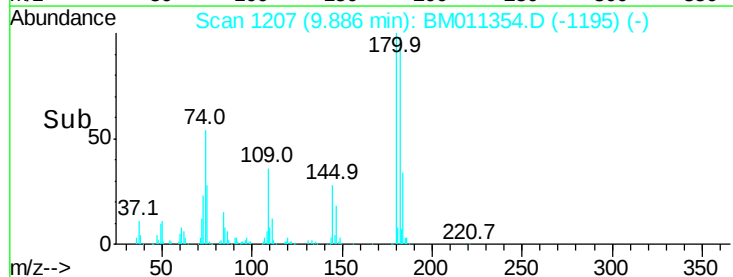
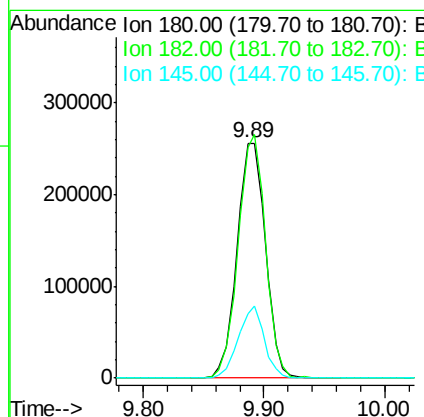
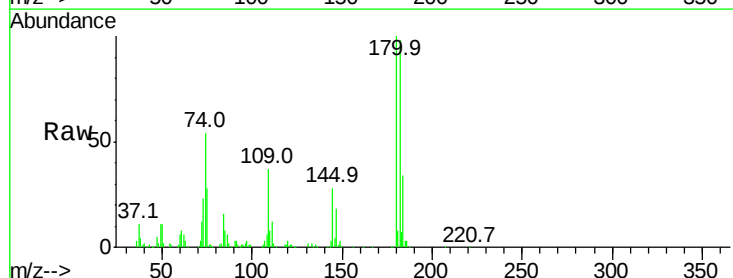
Manual Integrations
APPROVED

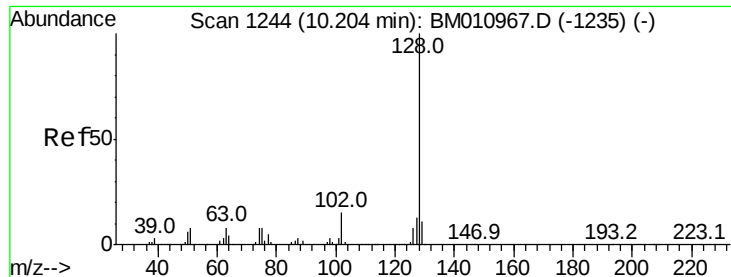
Sohil
8/28/2017 3:17:36 PM



#30
1,2,4-Trichlorobenzene
Concen: 43.644 ng
RT: 9.89 min Scan# 1207
Delta R.T. -0.03 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.5	77.6	116.4	
145	27.7	23.4	35.2	





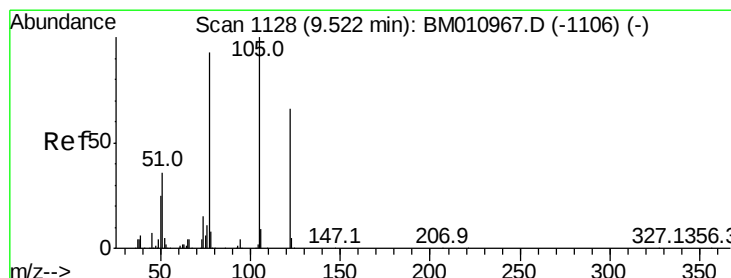
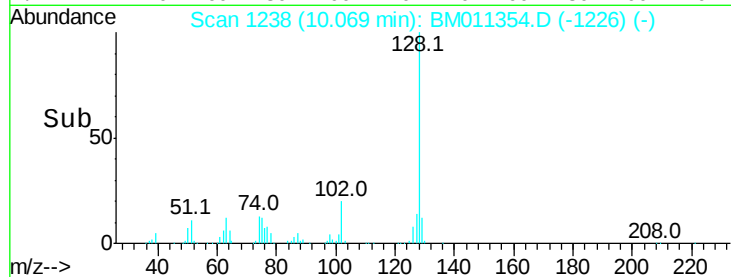
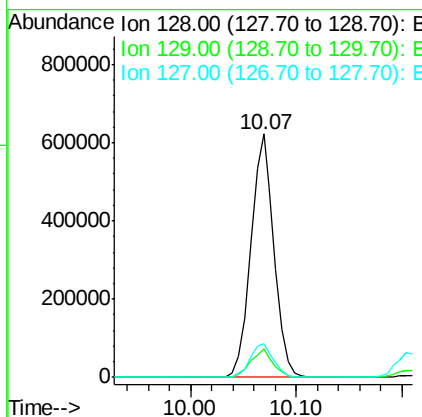
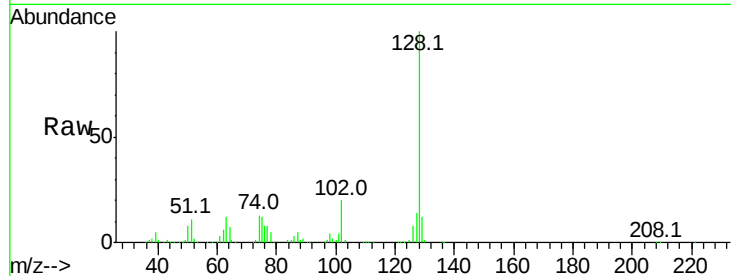
#31
Naphthalene
Concen: 41.612 ng
RT: 10.07 min Scan# 1238
Delta R.T. -0.03 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	944708		
129	11.6	8.9	13.3	
127	13.9	10.4	15.6	

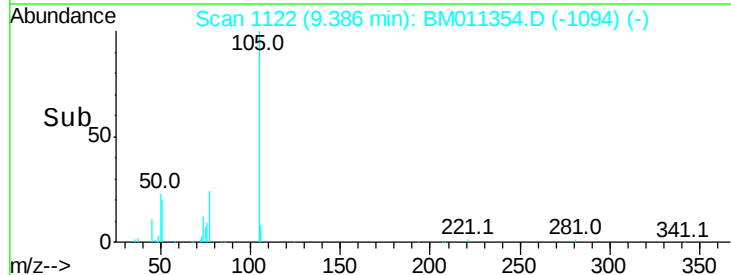
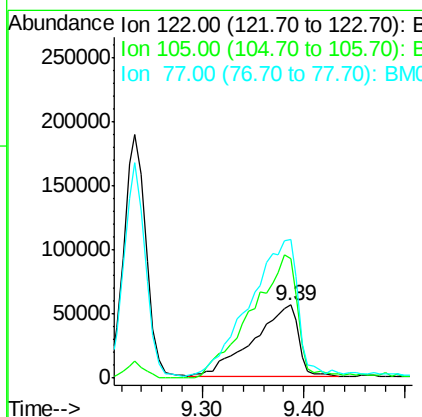
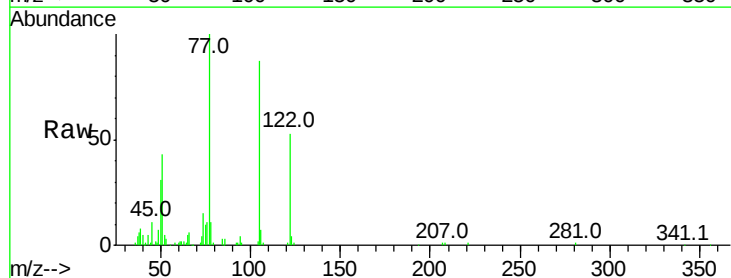
Manual Integrations
APPROVED

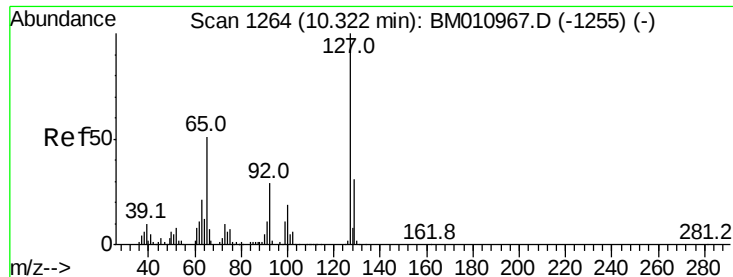
Sohil
8/28/2017 3:17:36 PM



#32
Benzoic acid
Concen: 31.431 ng
RT: 9.39 min Scan# 1122
Delta R.T. -0.04 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	176327		
105	164.2	99.9	139.9#	
77	189.9	73.7	113.7#	





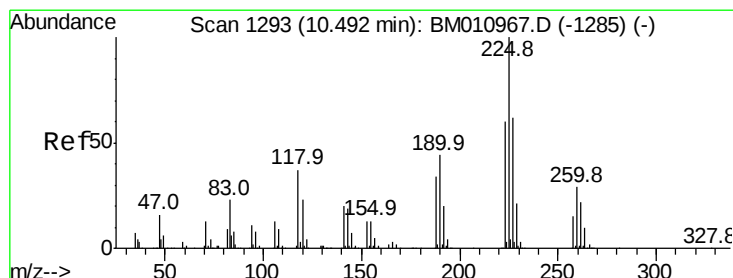
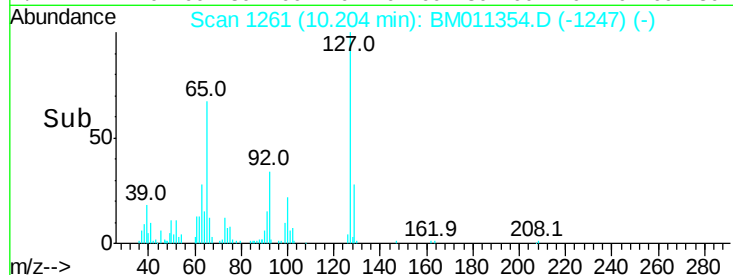
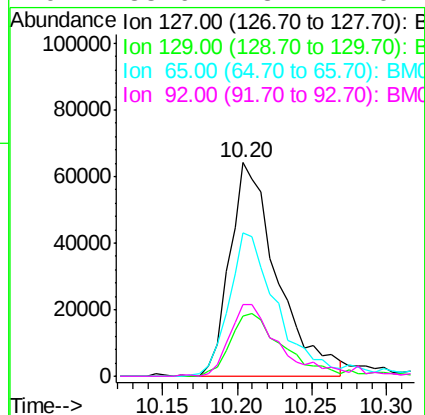
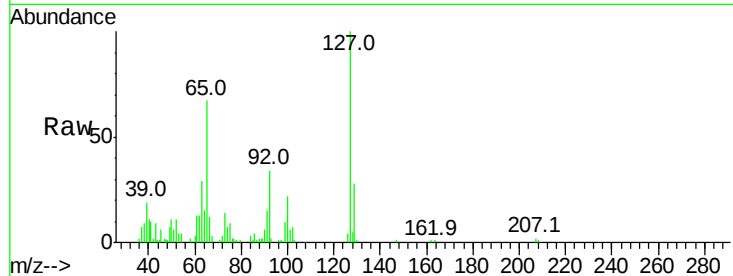
#33
4-Chloroaniline
Concen: 15.726 ng
RT: 10.20 min Scan# 1261
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	27.9	25.3	37.9	
65	67.1	17.6	26.4	
92	33.6	13.1	19.7	

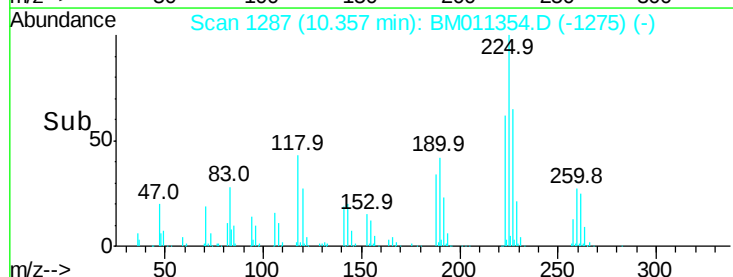
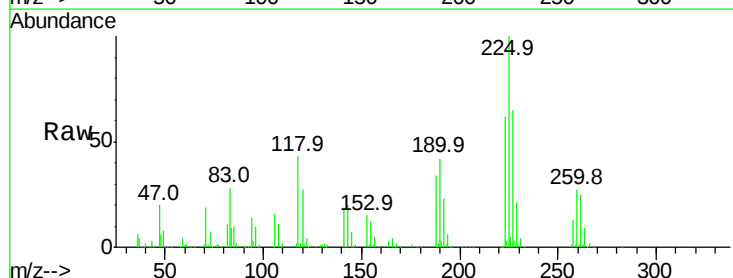
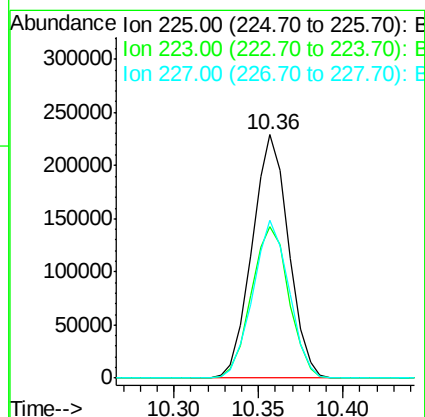
Manual Integrations
APPROVED

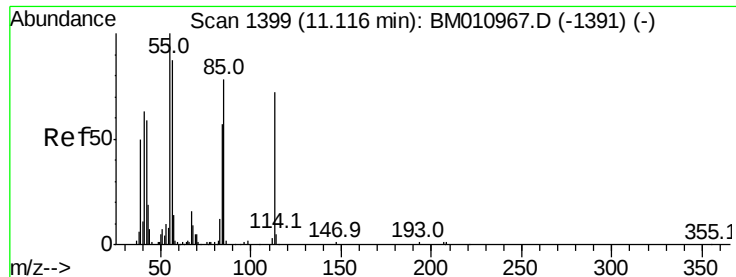
Sohil
8/28/2017 3:17:36 PM



#34
Hexachlorobutadiene
Concen: 44.962 ng
RT: 10.36 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	47.9	71.9	
227	65.0	50.1	75.1	





#35

Caprolactam

Concen: 36.340 ng/mL

RT: 10.99 min Scan# 1394

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

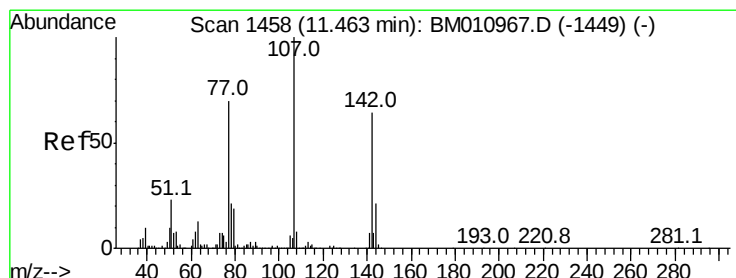
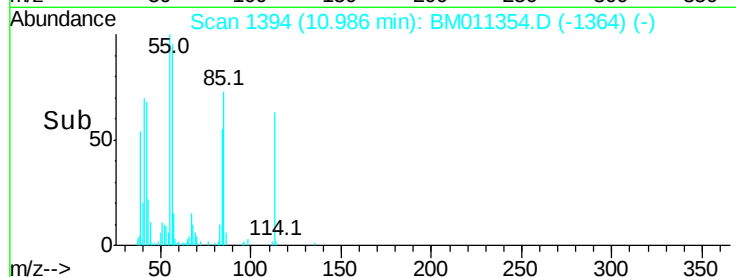
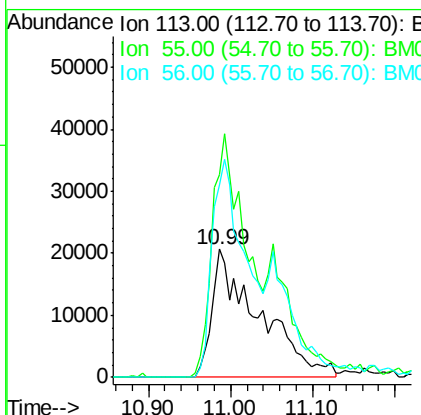
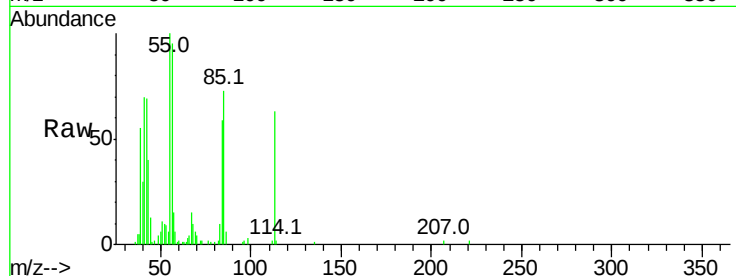
ClientSampleId :

OR-01-082317MSD

Tot Ion:	113	Resp:	80824
Ion Ratio	Lower	Upper	
113	100		
55	158.2	145.9	185.9
56	150.3	101.0	141.0

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM



#36

4-Chloro-3-methylphenol

Concen: 43.732 ng/mL

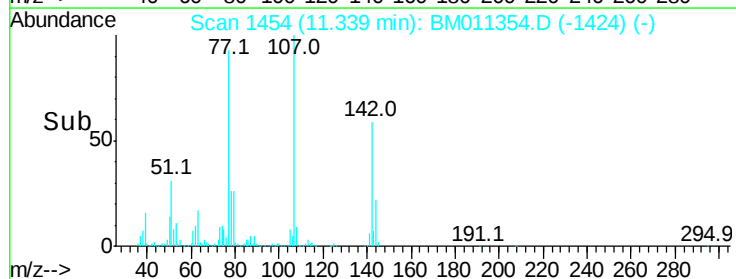
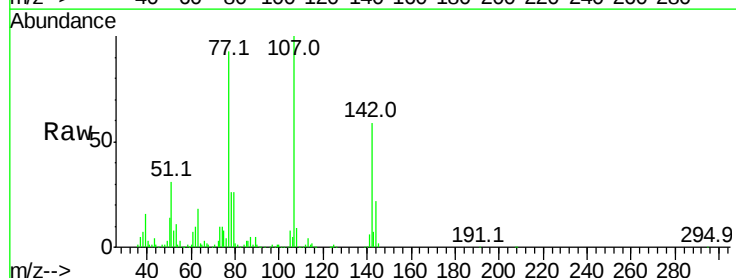
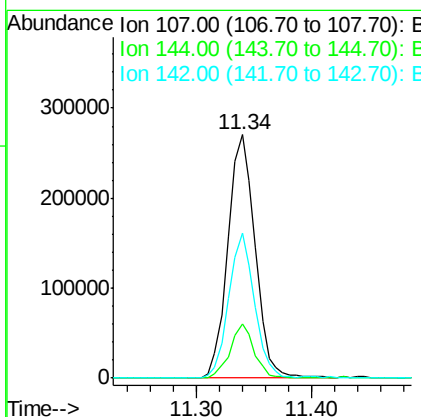
RT: 11.34 min Scan# 1454

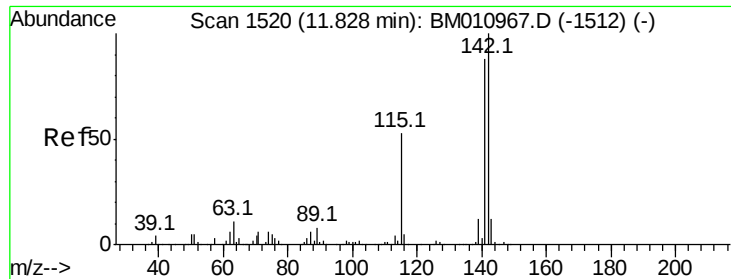
Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Tgt Ion:	107	Resp:	442860
Ion Ratio	Lower	Upper	
107	100		
144	22.4	23.3	34.9
142	59.5	72.6	109.0





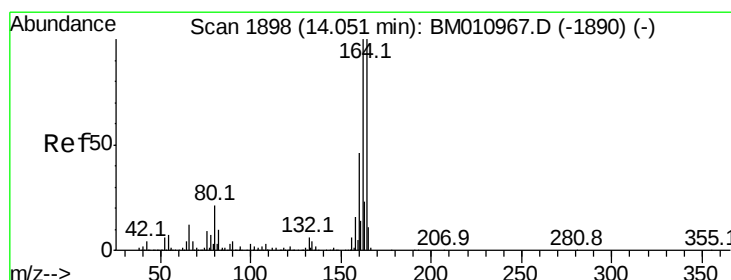
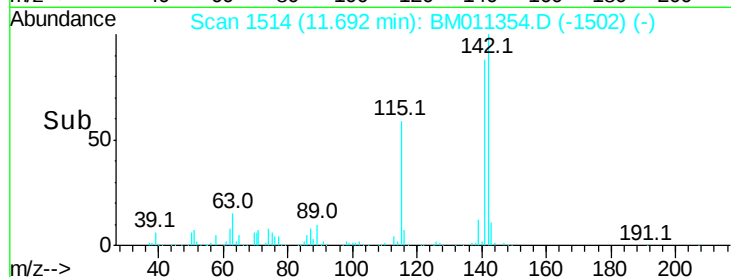
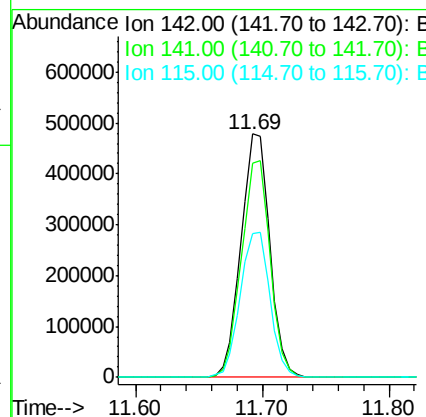
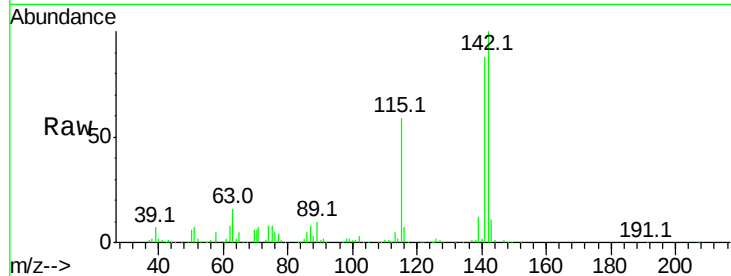
#37
2-Methylnaphthalene
Concen: 45.139 ng
RT: 11.69 min Scan# 1514
Delta R.T. -0.03 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	752831		
141	87.7	71.9	107.9	
115	59.3	25.4	38.0	

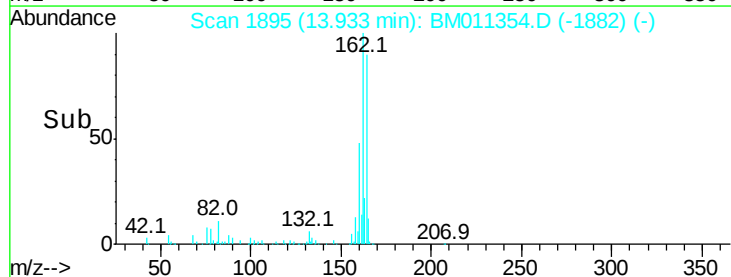
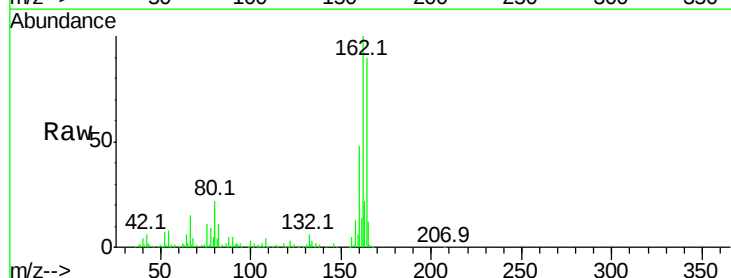
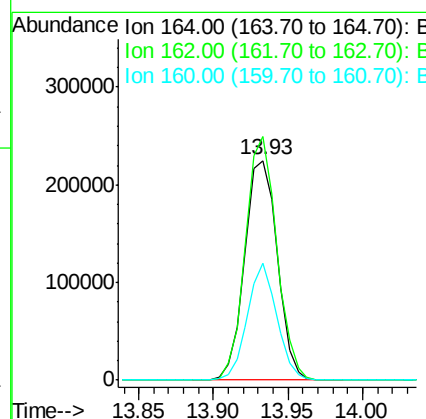
Manual Integrations
APPROVED

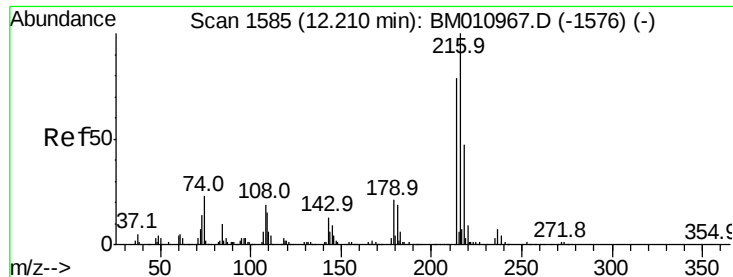
Sohil
8/28/2017 3:17:36 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.93 min Scan# 1895
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	340251		
162	111.0	82.4	123.6	
160	53.1	35.8	53.6	





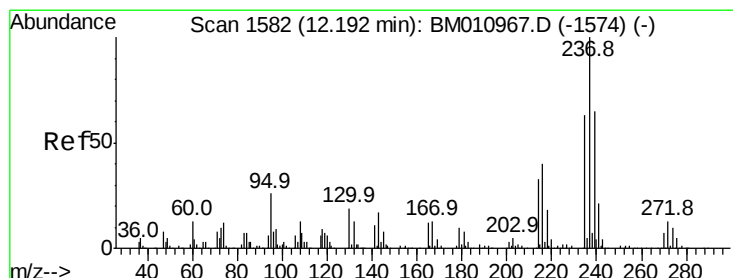
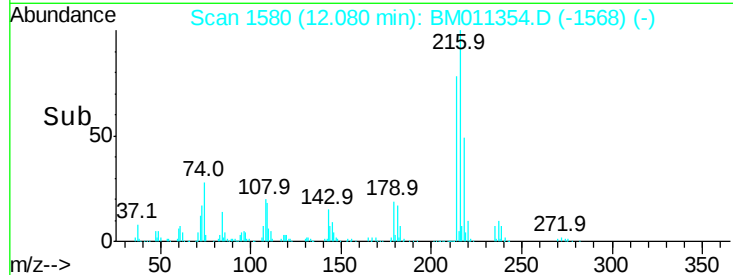
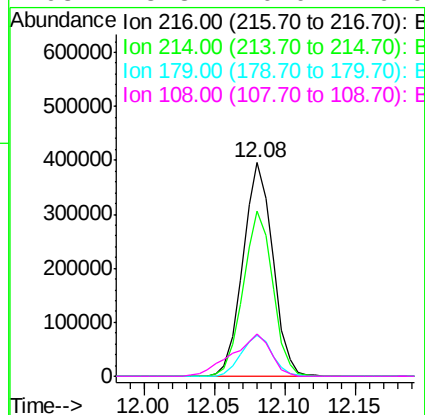
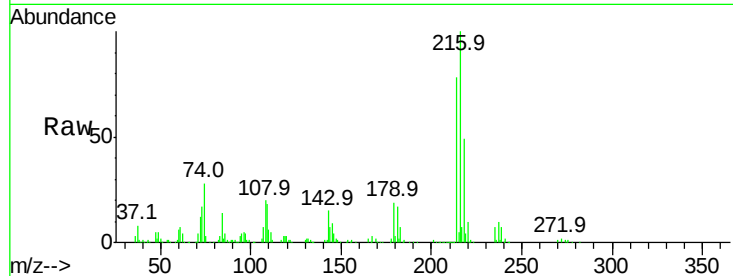
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.120 ng
 RT: 12.08 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-082317MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	76.7	0.0	0.0#
179	19.8	0.0	0.0#
108	25.3	0.0	0.0#

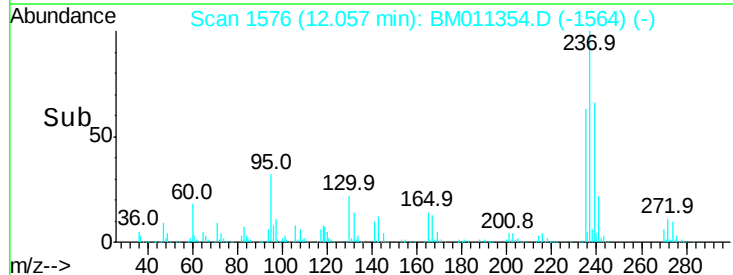
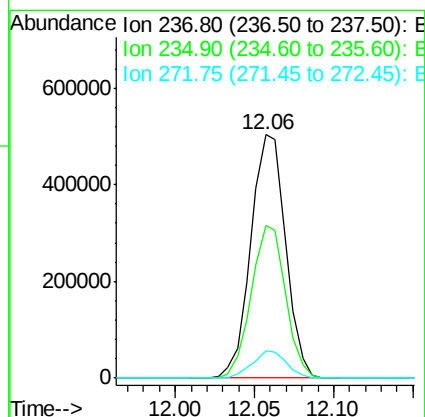
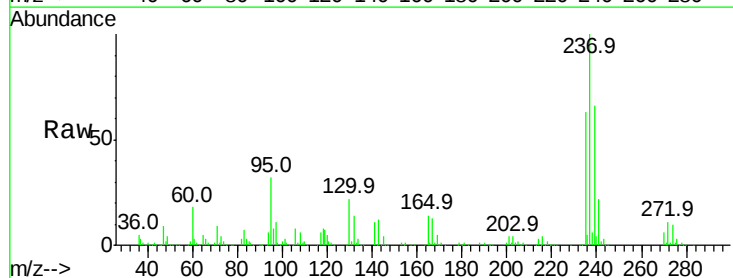
Manual Integrations
 APPROVED

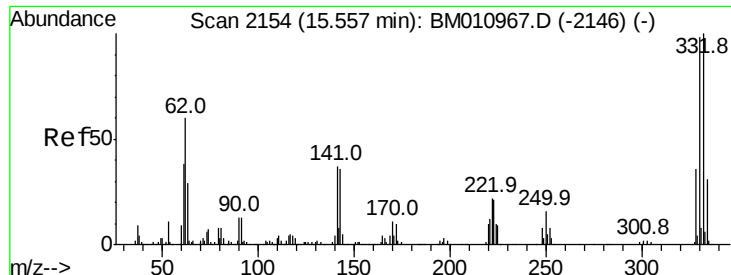
Sohil
 8/28/2017 3:17:36 PM



#40
 Hexachlorocyclopentadiene
 Concen: 90.270 ng
 RT: 12.06 min Scan# 1576
 Delta R.T. -0.03 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.6	42.0	82.0
272	11.4	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 136.004 ng

RT: 15.44 min Scan# 2152

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

ClientSampleId :

OR-01-082317MSD

Tot Ion:330 Resp: 741698
Ion Ratio Lower Upper

330 100

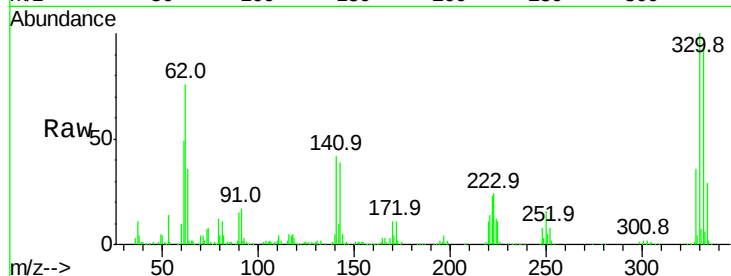
332 94.5 0.0 0.0#

141 45.7 0.0 0.0#

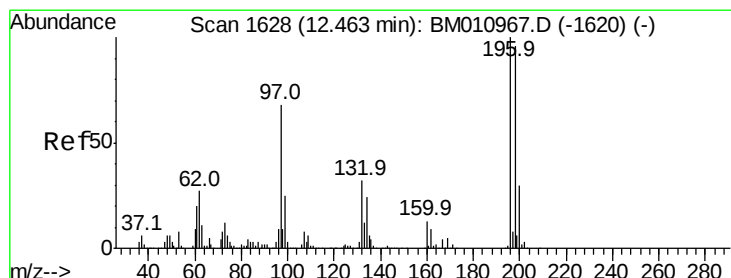
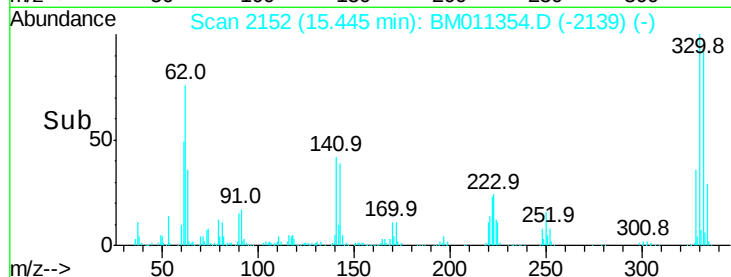
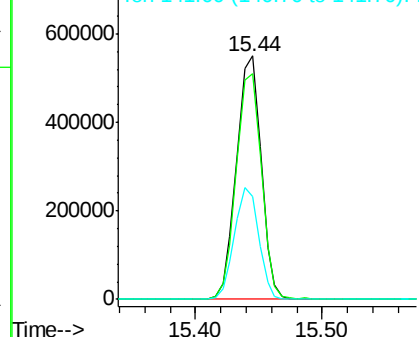
Manual Integrations
APPROVED

Sohil

8/28/2017 3:17:36 PM



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



#42

2,4,6-Trichlorophenol

Concen: 40.685 ng

RT: 12.34 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BM011354.D

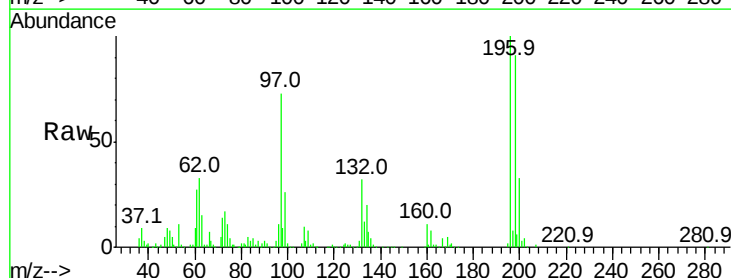
Acq: 25 Aug 2017 21:29

Tgt Ion:196 Resp: 359977
Ion Ratio Lower Upper

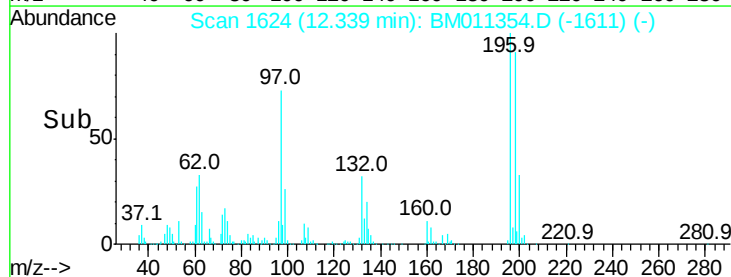
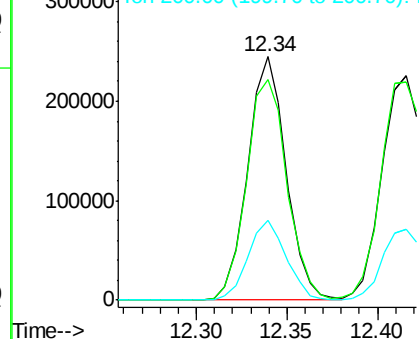
196 100

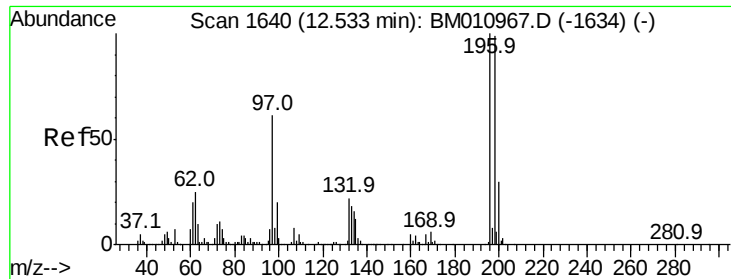
198 90.7 76.3 114.5

200 33.0 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





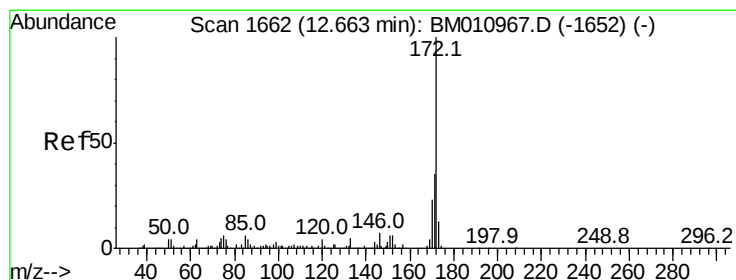
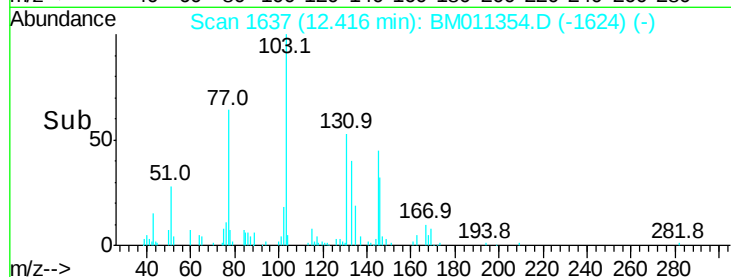
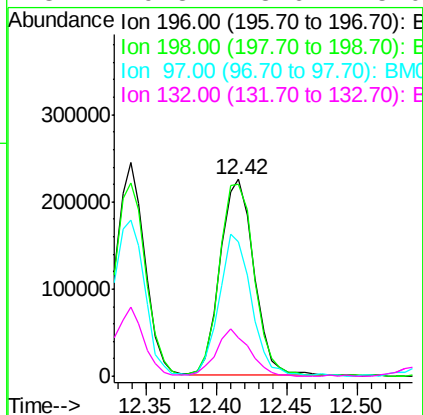
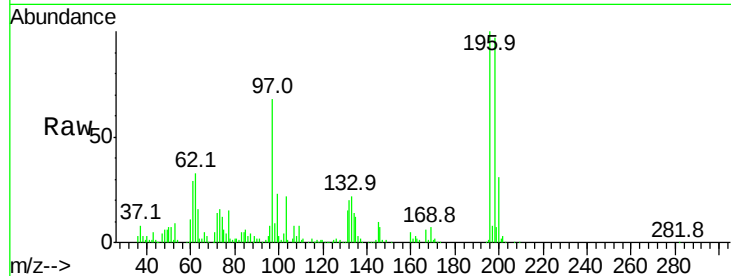
#43
2,4,5-Trichlorophenol
Concen: 41.052 ng
RT: 12.42 min Scan# 1637
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	374101		
198	97.4	79.4	119.0	
97	68.3	26.8	40.2	
132	19.8	18.6	28.0	

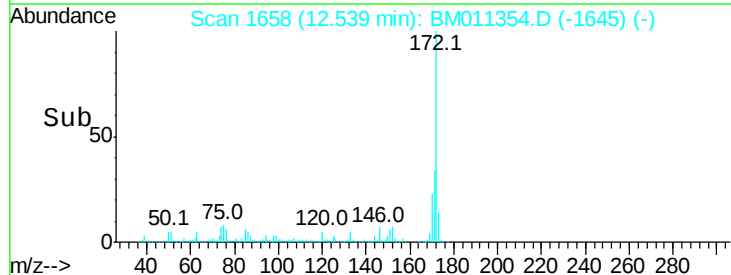
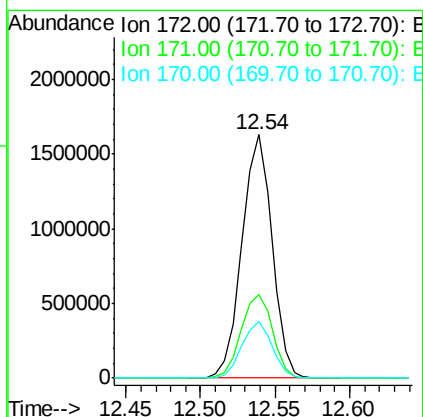
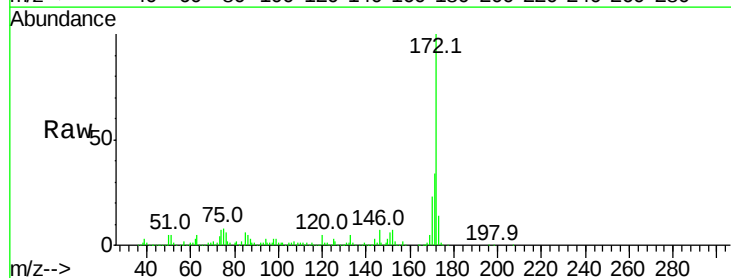
Manual Integrations
APPROVED

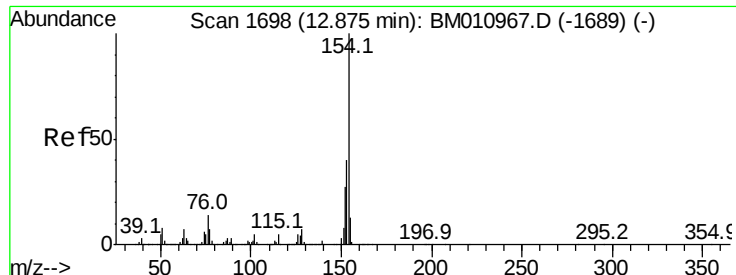
Sohil
8/28/2017 3:17:36 PM



#44
2-Fluorobiphenyl
Concen: 83.912 ng
RT: 12.54 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2276555		
171	34.2	28.5	42.7	
170	23.3	18.8	28.2	





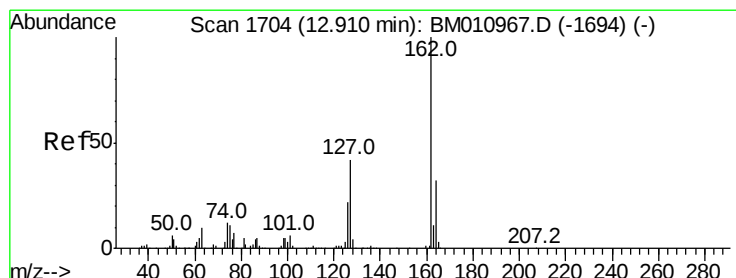
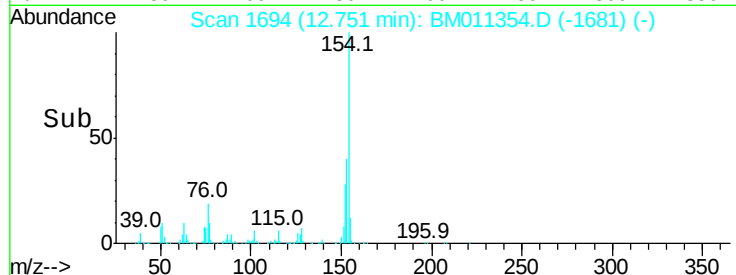
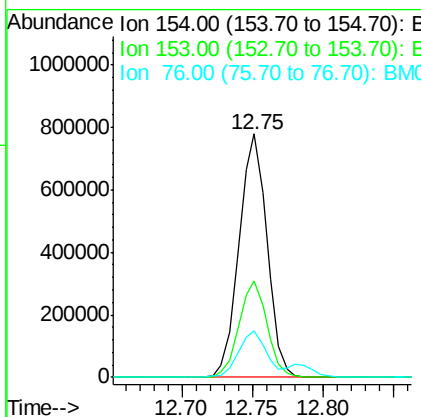
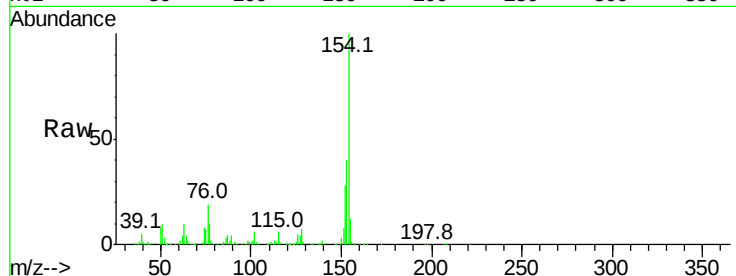
#45
 1,1'-Biphenyl
 Concen: 36.728 ng
 RT: 12.75 min Scan# 1694
 Delta R.T. -0.02 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Instrument :
 BNA_M
 ClientSampleID :
 OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.7	60.7
76	18.9	0.0	30.9

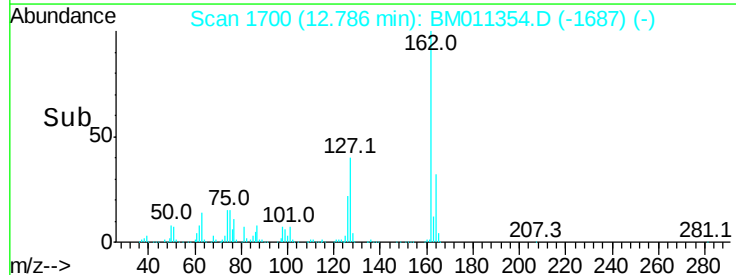
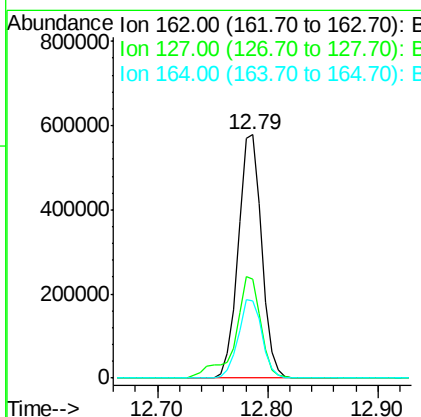
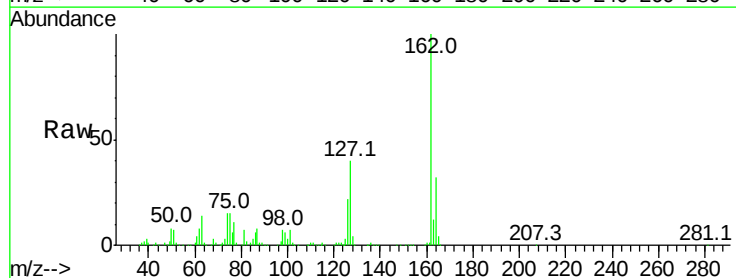
Manual Integrations
 APPROVED

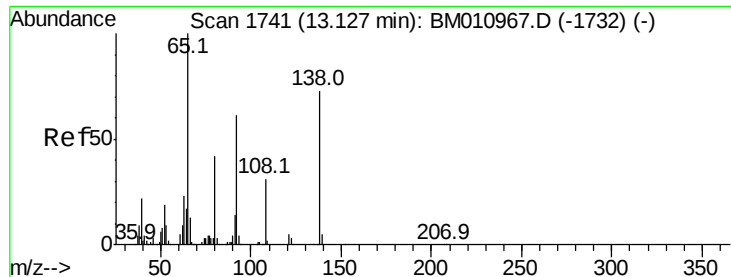
Sohil
 8/28/2017 3:17:36 PM



#46
 2-Chloronaphthalene
 Concen: 39.751 ng
 RT: 12.79 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	26.9	40.3#
164	31.9	26.8	40.2





#47

2-Nitroaniline

Concen: 58.102 ng

RT: 13.01 min Scan# 1738

Delta R.T. -0.03 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

ClientSampleId :

OR-01-082317MSD

Tot Ion: 65 Resp: 445569

Ion Ratio Lower Upper

65 100

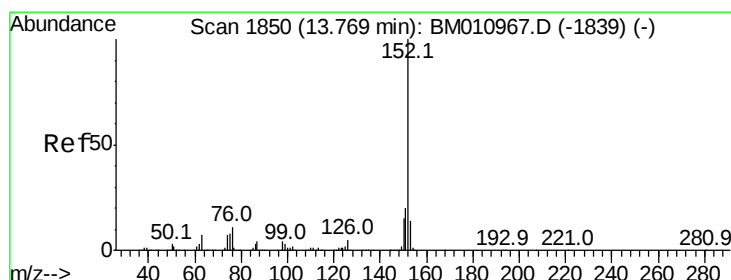
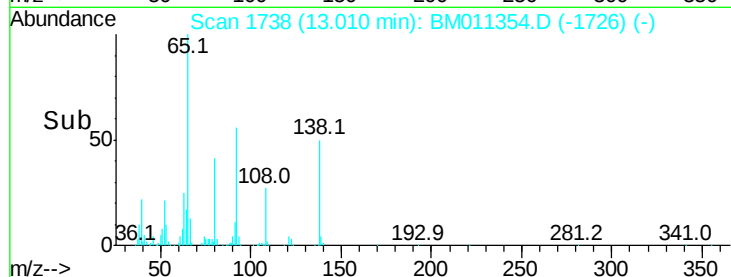
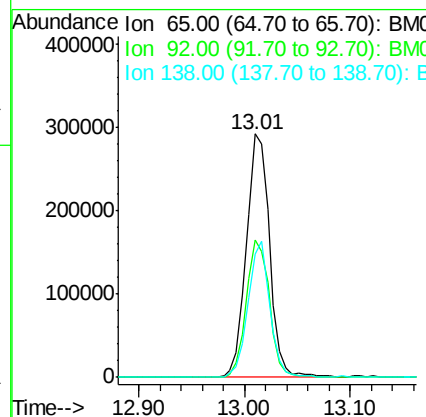
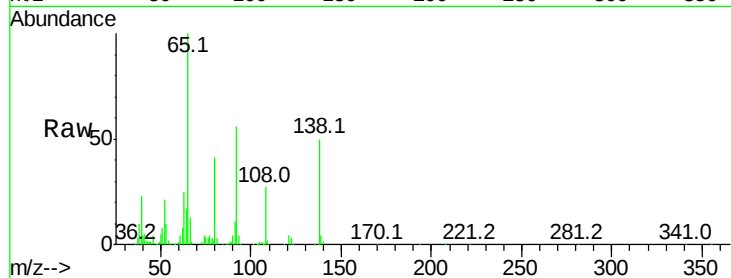
92 56.5 59.1 88.7#

138 50.4 93.9 140.9#

Manual Integrations
APPROVED

Sohil

8/28/2017 3:17:36 PM



#48

Acenaphthylene

Concen: 40.997 ng

RT: 13.65 min Scan# 1846

Delta R.T. -0.03 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

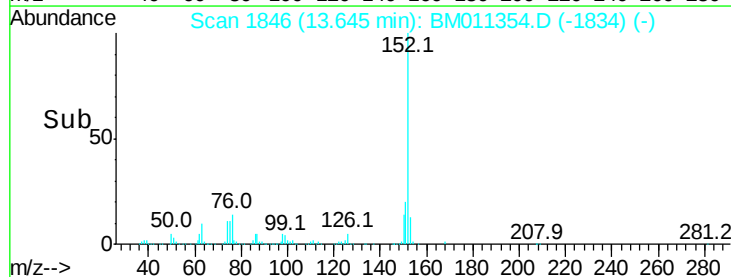
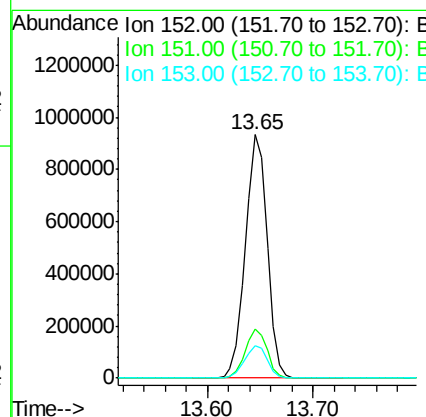
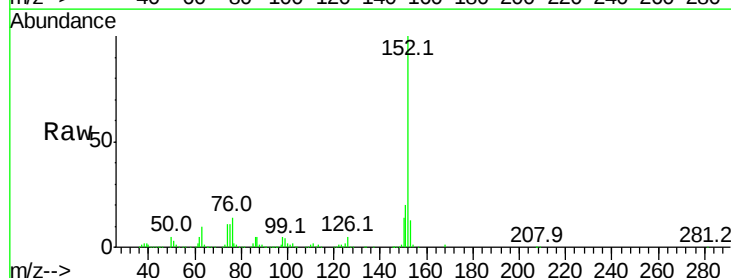
Tgt Ion: 152 Resp: 1326263

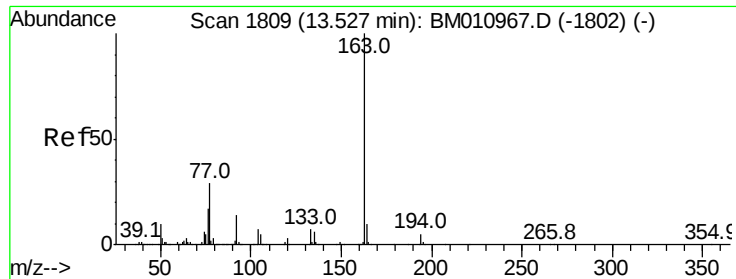
Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.1 10.6 16.0





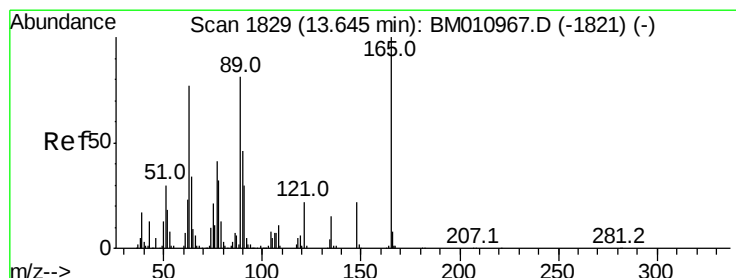
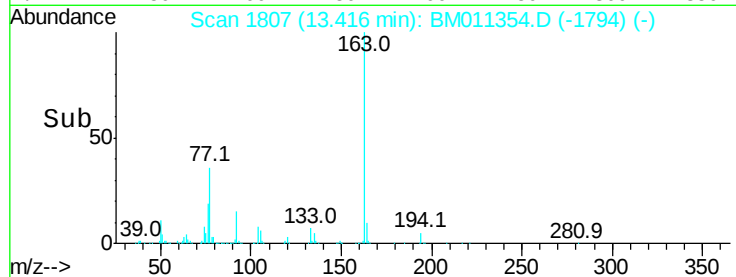
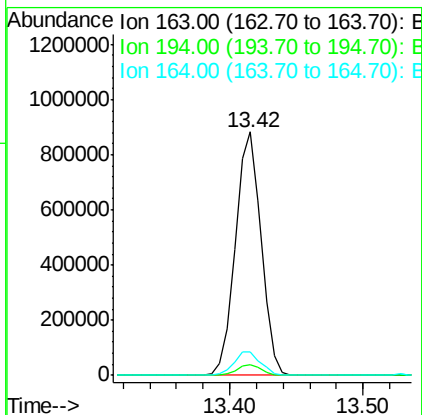
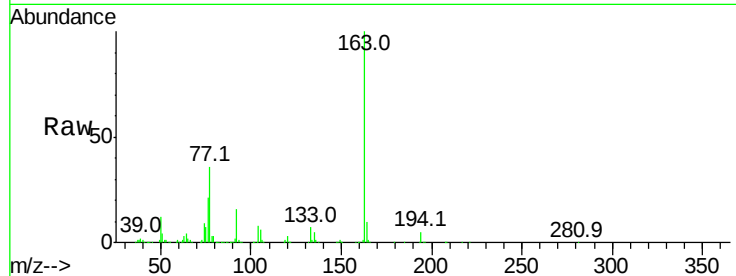
#49
Dimethylphthalate
Concen: 40.539 ng
RT: 13.42 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	2.7	4.1#
164	9.8	8.2	12.2

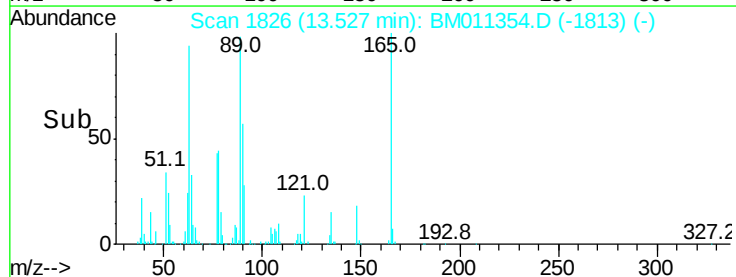
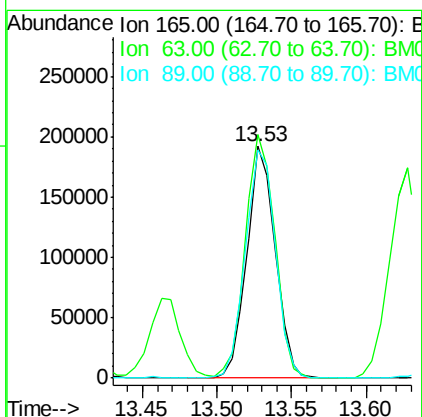
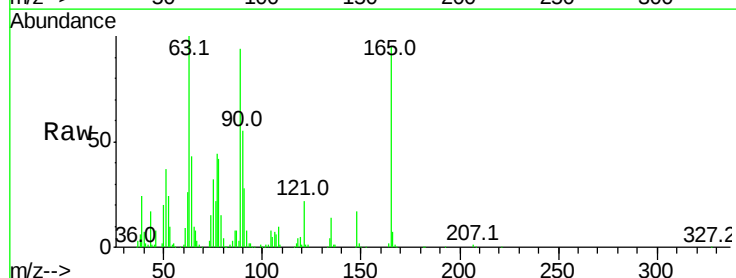
Manual Integrations
APPROVED

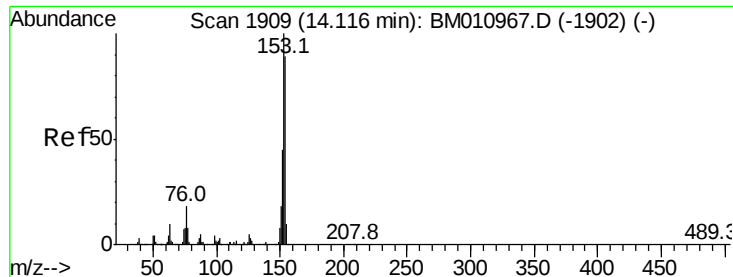
Sohil
8/28/2017 3:17:36 PM



#50
2,6-Dinitrotoluene
Concen: 42.753 ng
RT: 13.53 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	105.0	44.1	66.1#
89	98.4	44.3	66.5#





#51

Acenaphthene

Concen: 40.898 ng

RT: 14.00 min Scan# 1906

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

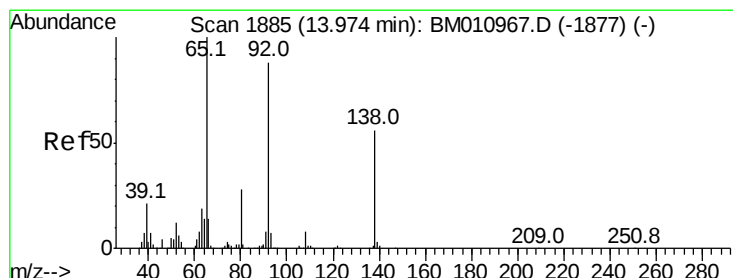
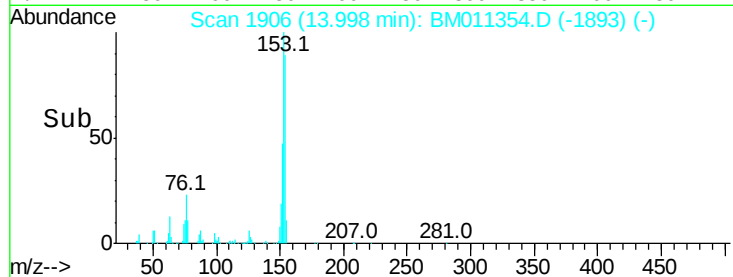
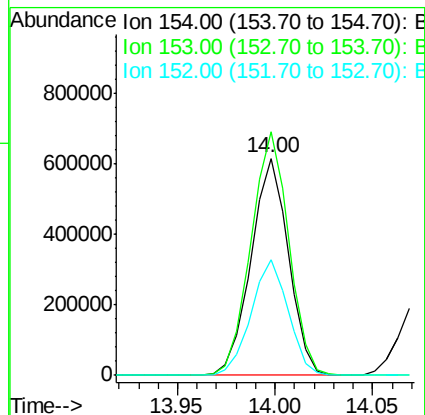
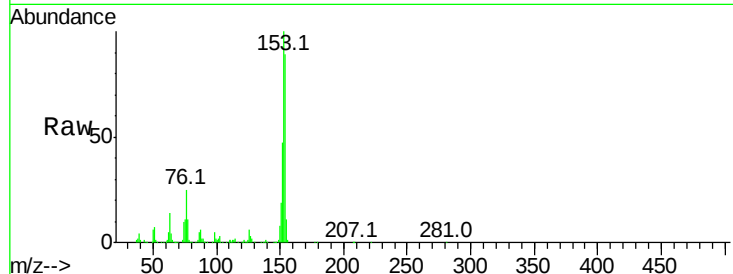
ClientSampleId :

OR-01-082317MSD

Tot Ion:	154	Resp:	819222
Ion Ratio	Lower	Upper	
154	100		
153	112.2	90.0	135.0
152	53.0	42.6	63.8

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM



#52

3-Nitroaniline

Concen: 37.879 ng

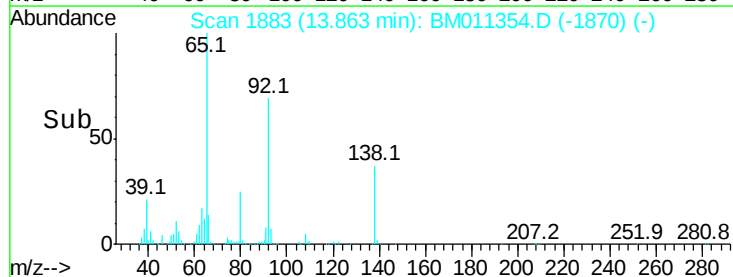
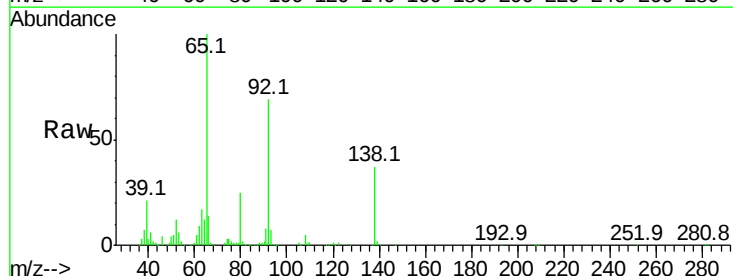
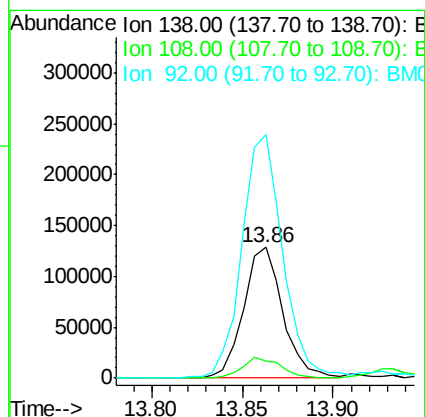
RT: 13.86 min Scan# 1883

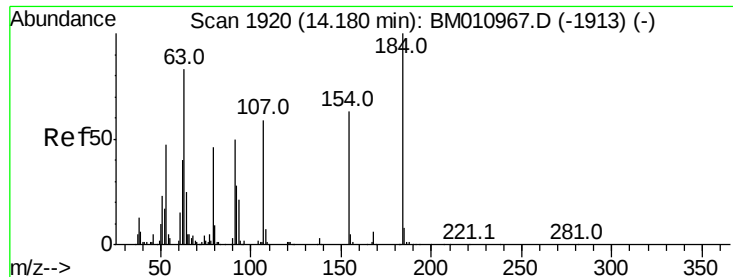
Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Tgt Ion:	138	Resp:	193477
Ion Ratio	Lower	Upper	
138	100		
108	13.3	7.3	10.9#
92	186.8	76.6	114.8#





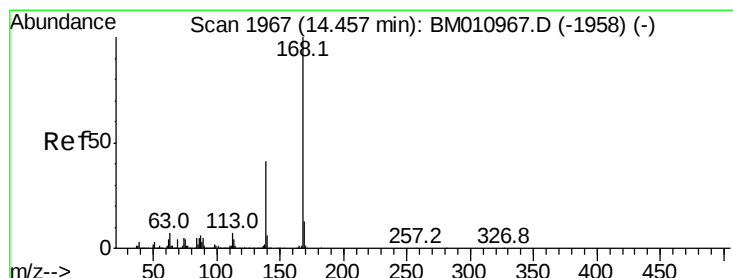
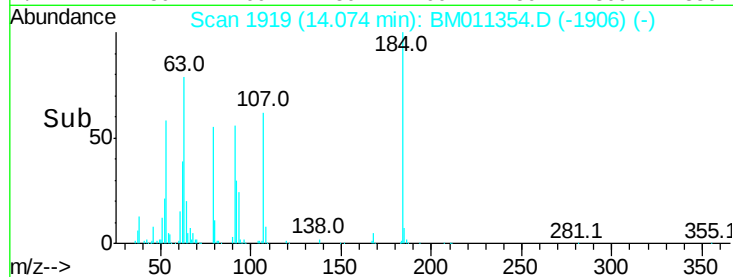
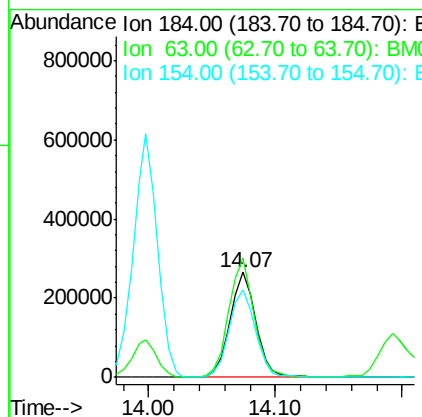
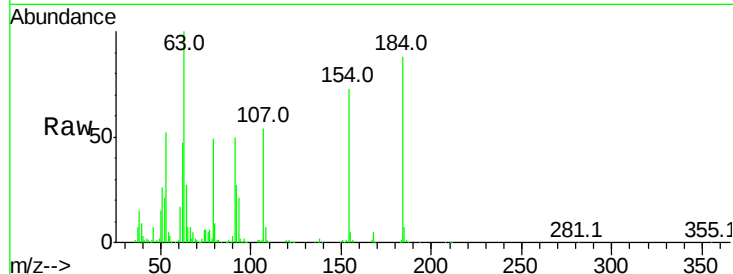
#53
2,4-Dinitrophenol
Concen: 89.061 ng
RT: 14.07 min Scan# 1919
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	114.1	69.2	103.8#
154	83.8	53.3	79.9#

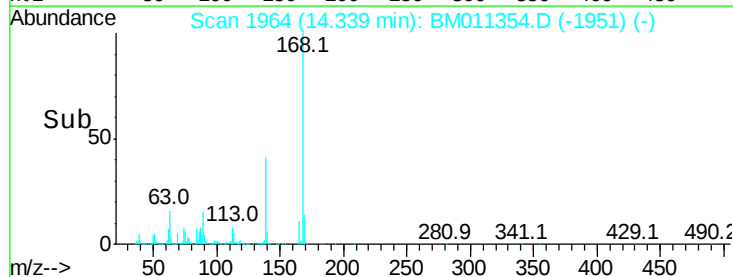
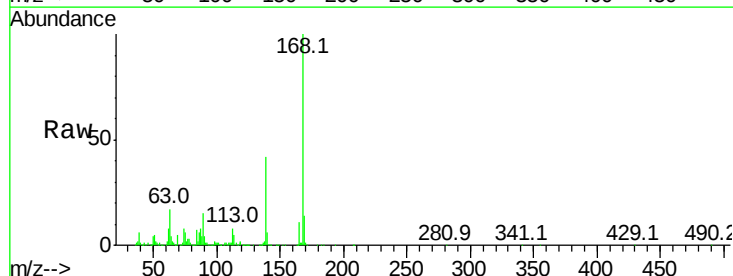
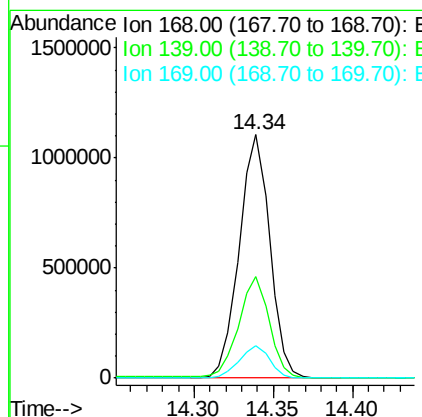
Manual Integrations
APPROVED

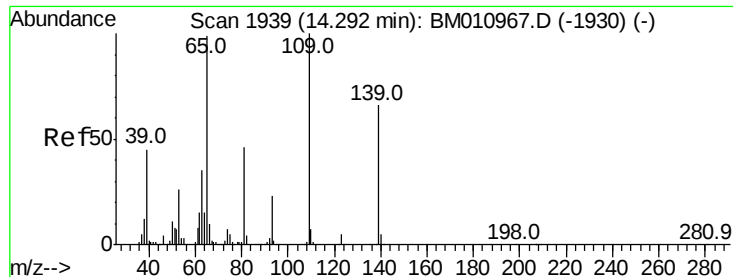
Sohil
8/28/2017 3:17:36 PM



#54
Dibenzofuran
Concen: 45.641 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.7	27.3	40.9#
169	13.6	10.6	16.0





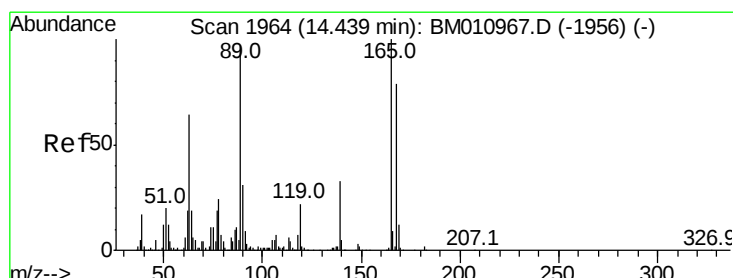
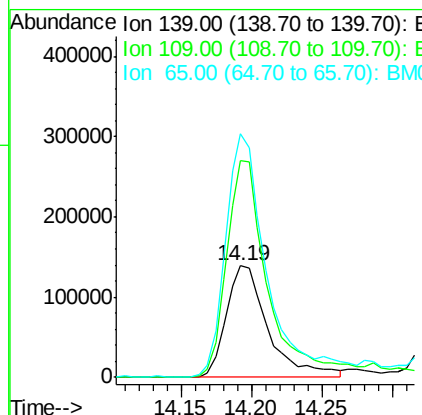
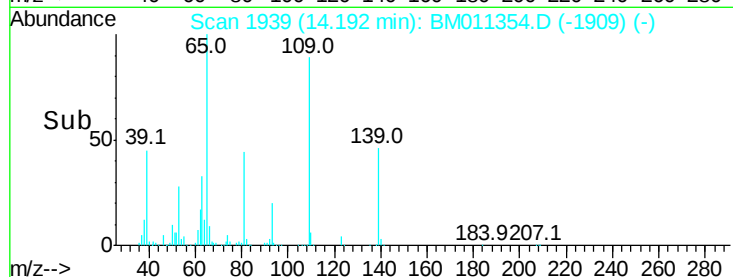
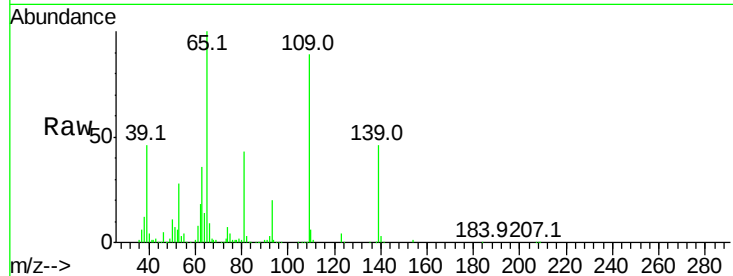
#55
4-Nitrophenol
Concen: 64.104 ng
RT: 14.19 min Scan# 1939
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	194.6	130.0	170.0#
65	218.6	130.0	170.0#

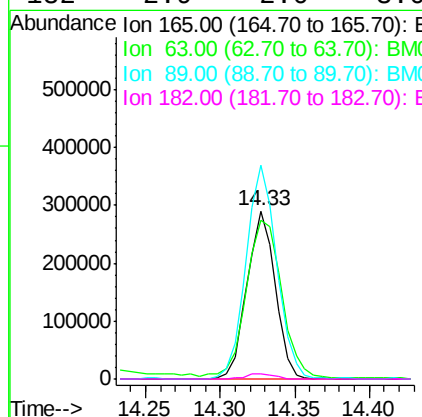
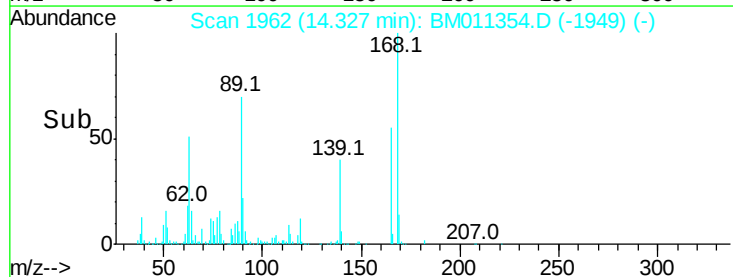
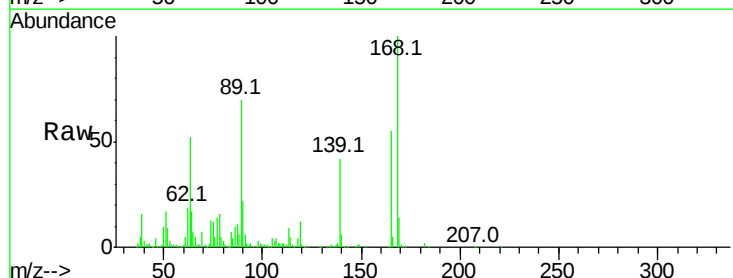
Manual Integrations
APPROVED

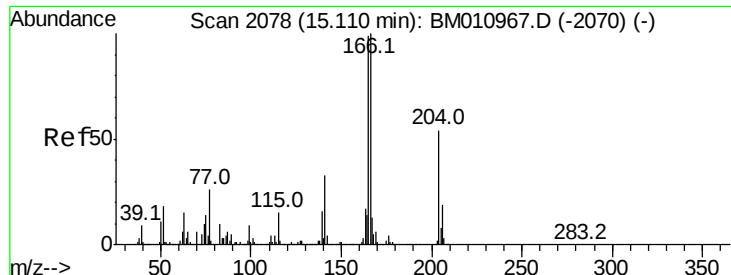
Sohil
8/28/2017 3:17:36 PM



#56
2,4-Dinitrotoluene
Concen: 46.024 ng
RT: 14.33 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	94.7	52.4	78.6#
89	127.0	72.4	108.6#
182	2.9	2.0	3.0





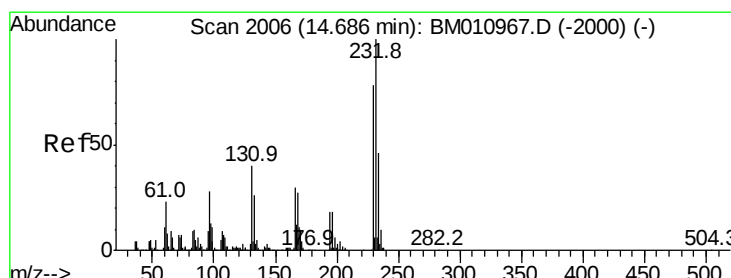
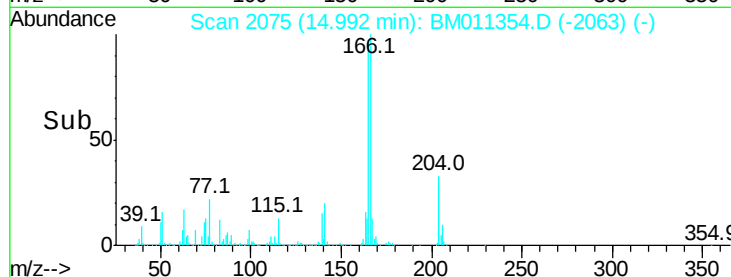
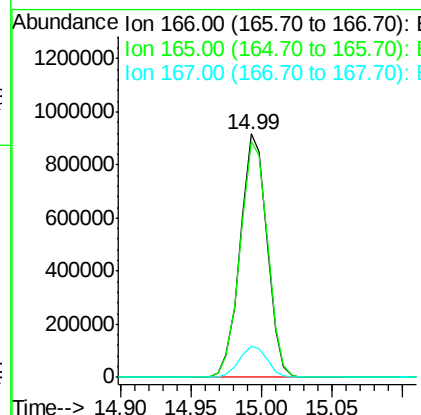
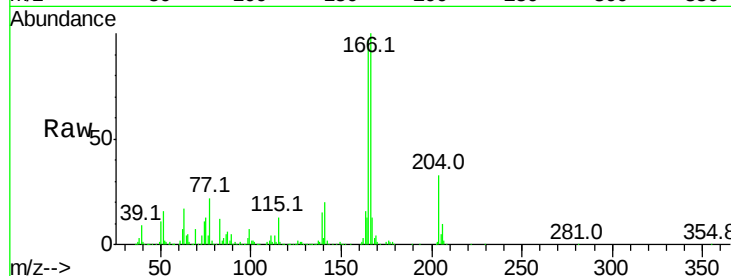
#57
Fluorene
 Concen: 43.126 ng
 RT: 14.99 min Scan# 2075
 Delta R.T. -0.03 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.0	118.4
167	13.0	10.3	15.5

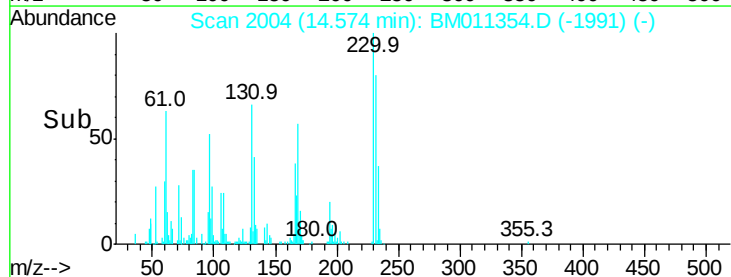
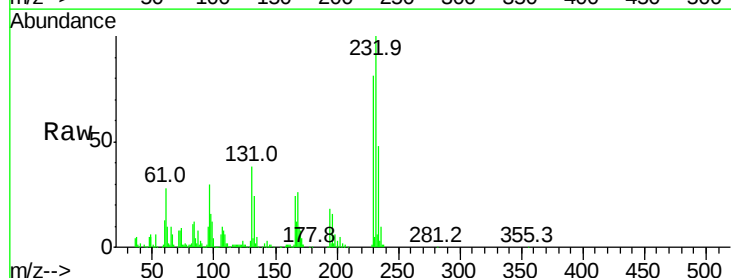
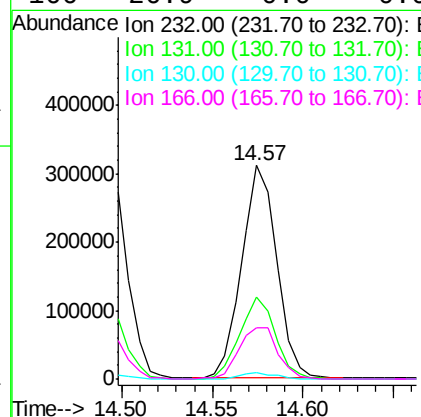
Manual Integrations
 APPROVED

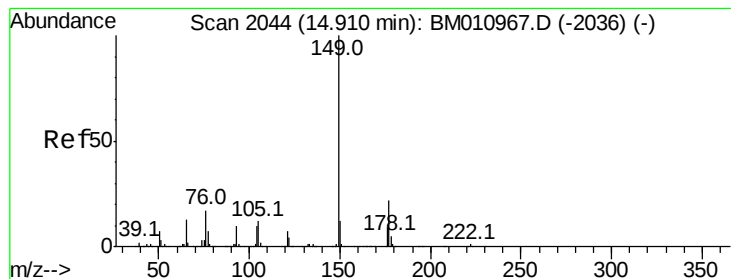
Sohil
 8/28/2017 3:17:36 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 48.960 ng
 RT: 14.57 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.8	0.0	0.0#
130	2.9	0.0	0.0#
166	26.9	0.0	0.0#





#59

Diethylphthalate

Concen: 42.240 ng

RT: 14.80 min Scan# 2042

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

ClientSampleId :

OR-01-082317MSD

Tot Ion:149 Resp: 1255646

Ion Ratio Lower Upper

149 100

177 24.3 18.3 27.5

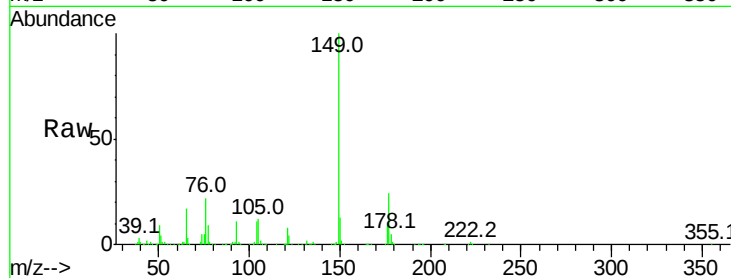
150 12.7 9.8 14.8

Manual Integrations

APPROVED

Sohil

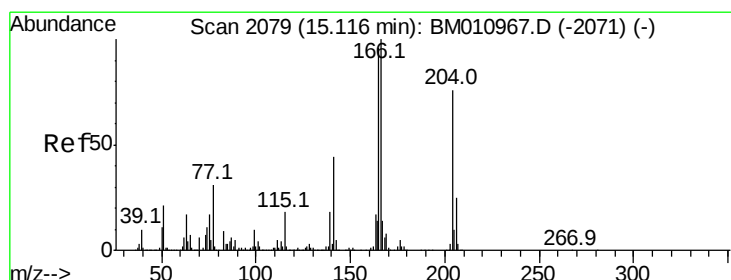
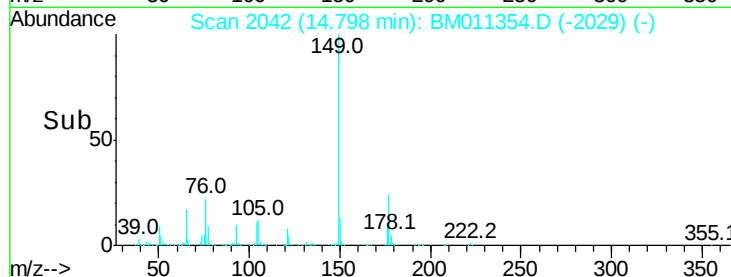
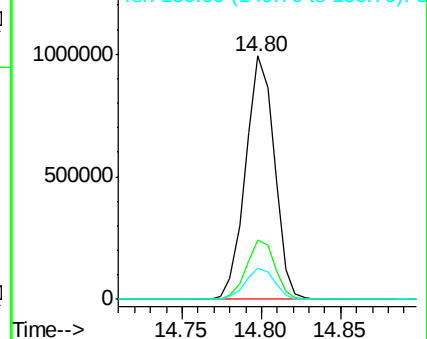
8/28/2017 3:17:36 PM



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: 43.304 ng

RT: 15.00 min Scan# 2077

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

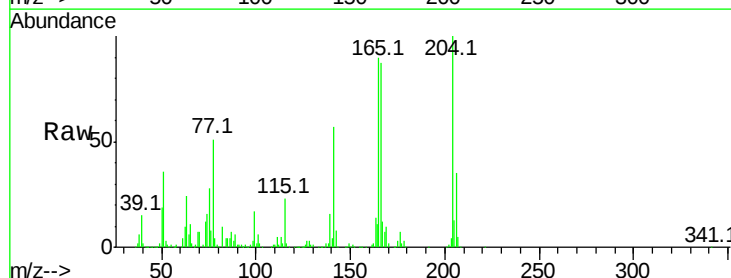
Tgt Ion:204 Resp: 738812

Ion Ratio Lower Upper

204 100

206 35.0 26.6 39.8

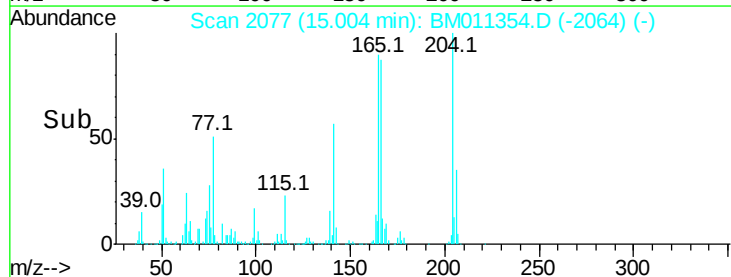
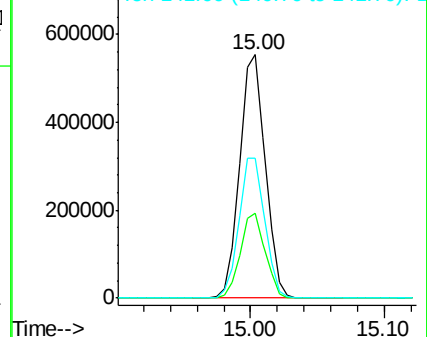
141 57.5 45.2 67.8

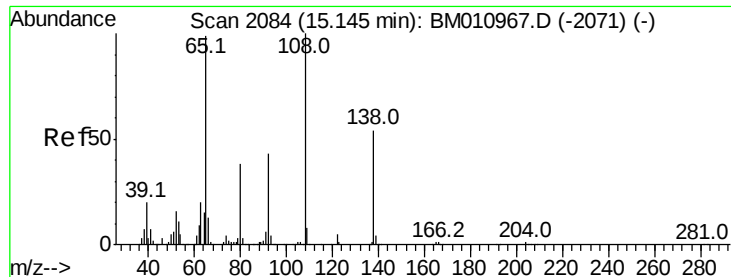


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





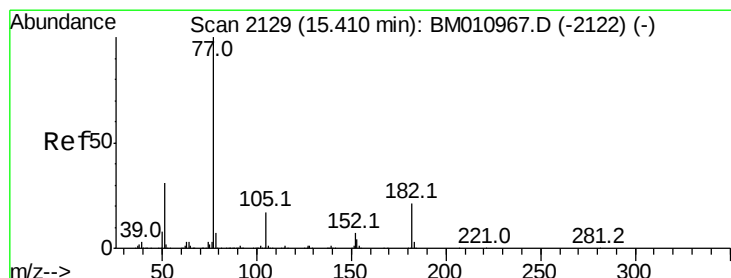
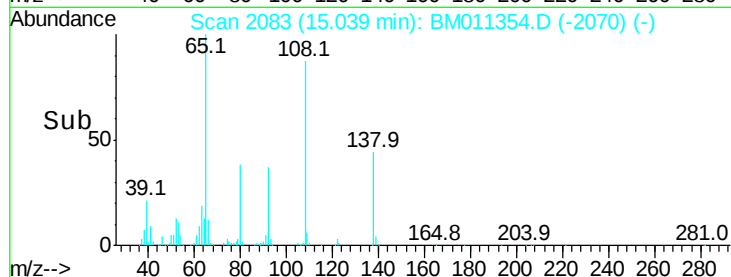
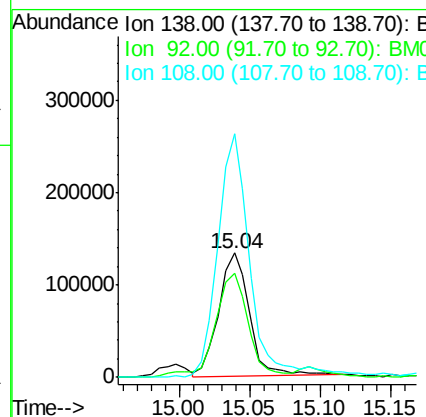
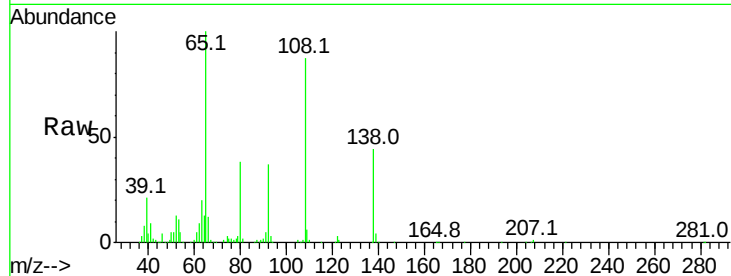
#61
4-Nitroaniline
Concen: 37.434 ng
RT: 15.04 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	83.6	16.7	56.7#
108	195.8	37.6	77.6#

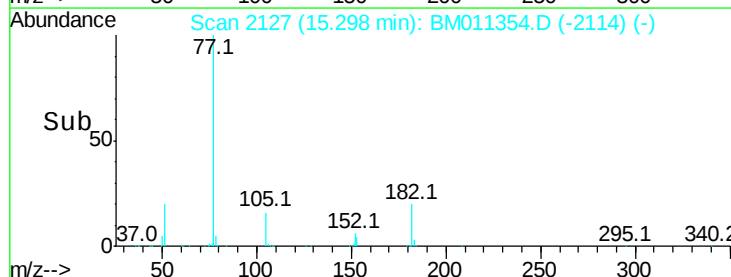
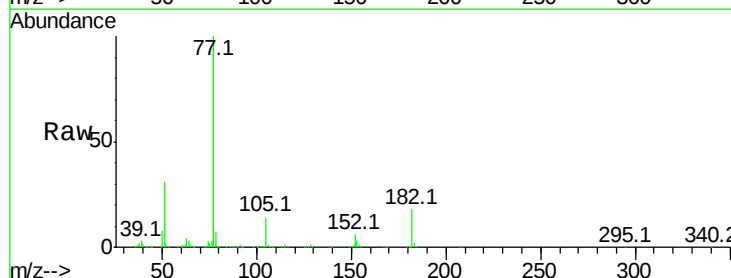
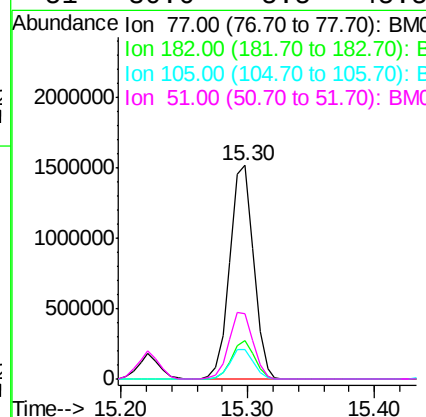
Manual Integrations
APPROVED

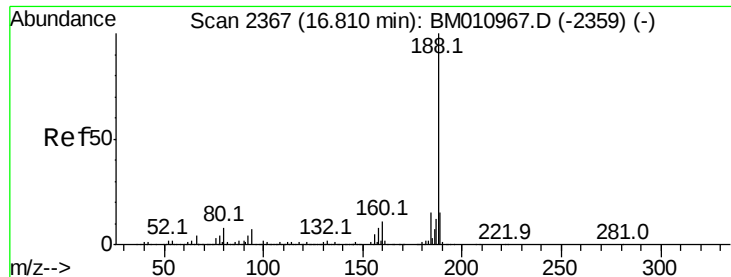
Sohil
8/28/2017 3:17:36 PM



#62
Azobenzene
Concen: 61.592 ng
RT: 15.30 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.8	6.5	46.5
105	13.8	3.8	43.8
51	30.6	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.69 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

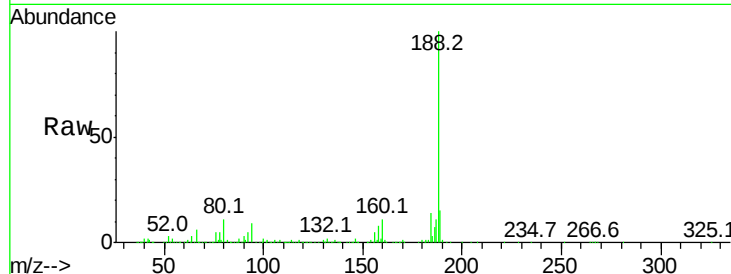
ClientSampleId :

OR-01-082317MSD

Tot Ion:	188	Resp:	952894
Ion Ratio	Lower	Upper	
188	100		
94	9.0	8.7	13.1
80	10.9	9.3	13.9

Manual Integrations
APPROVED

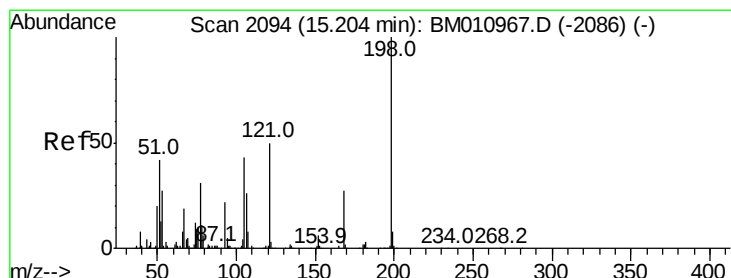
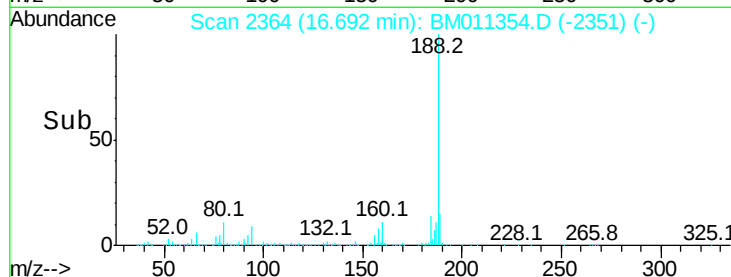
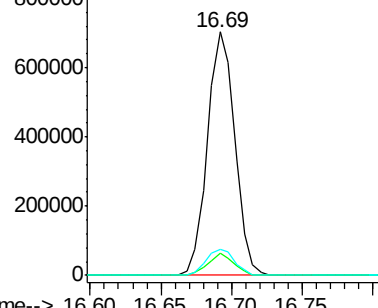
Sohil
8/28/2017 3:17:36 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.462 ng

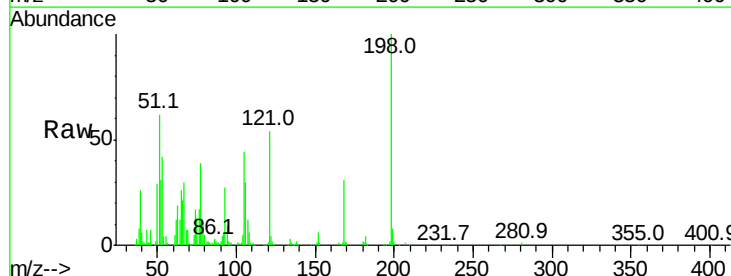
RT: 15.09 min Scan# 2092

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

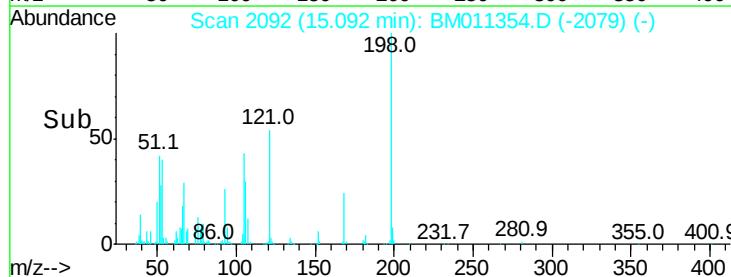
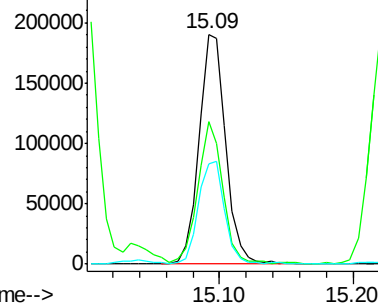
Tgt Ion:	198	Resp:	267470
Ion Ratio	Lower	Upper	
198	100		
51	62.1	28.8	68.8
105	43.5	30.5	70.5

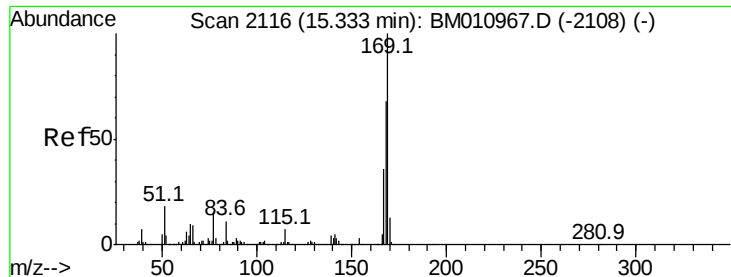


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





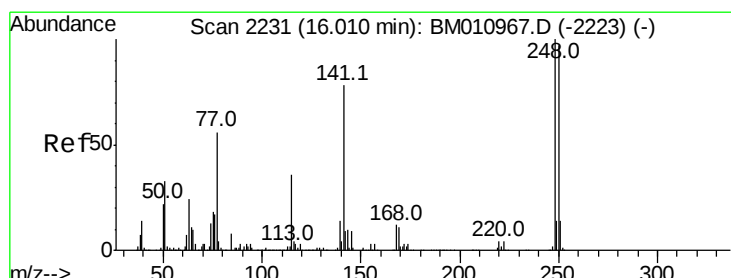
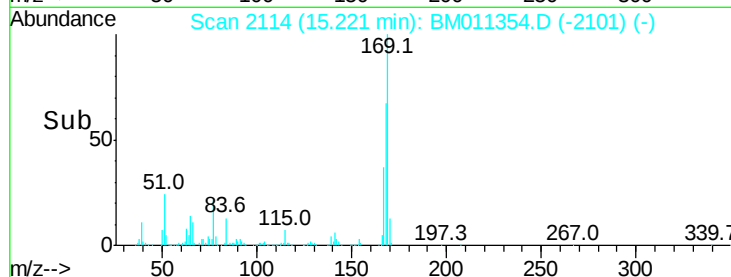
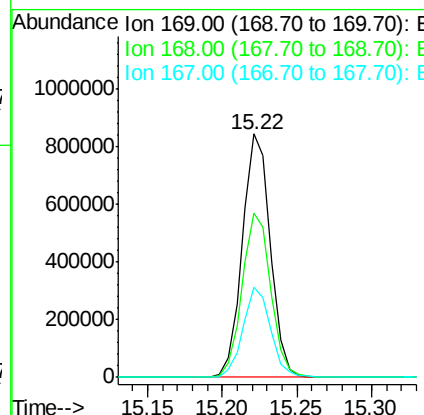
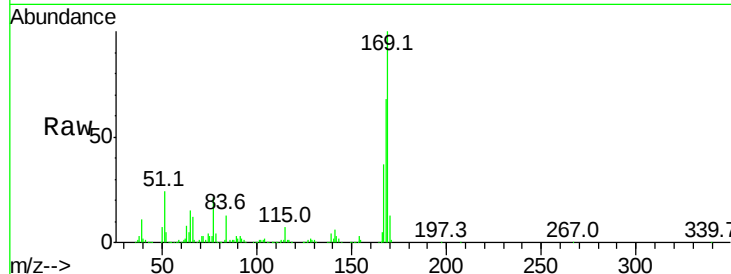
#65
n-Nitrosodiphenylamine
Concen: 40.027 ng
RT: 15.22 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.9	80.9
167	36.9	28.9	43.3

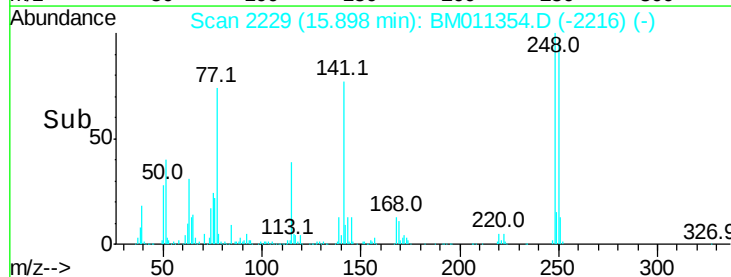
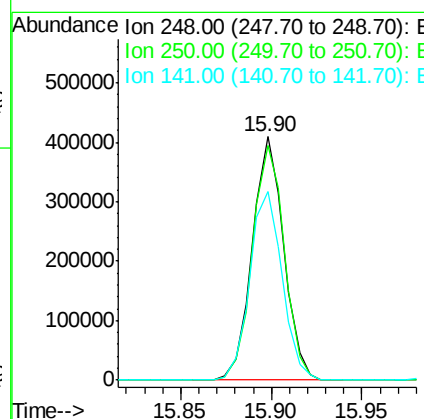
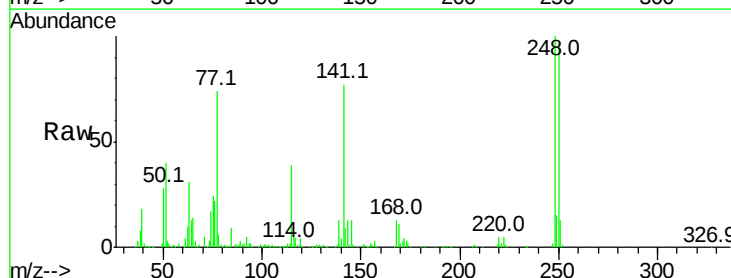
Manual Integrations
APPROVED

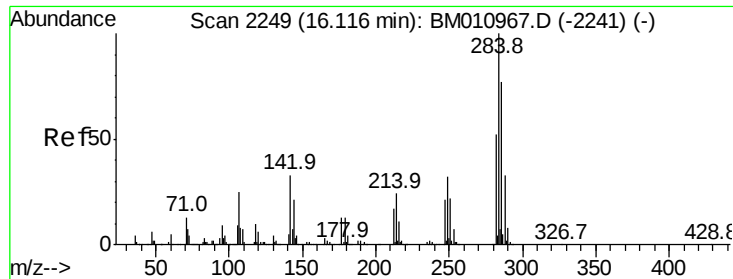
Sohil
8/28/2017 3:17:36 PM



#66
4-Bromophenyl-phenylether
Concen: 40.234 ng
RT: 15.90 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.5	77.4	116.0
141	77.4	45.2	67.8





#67

Hexachlorobenzene

Concen: 37.458 ng

RT: 16.00 min Scan# 2246

Delta R.T. -0.03 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

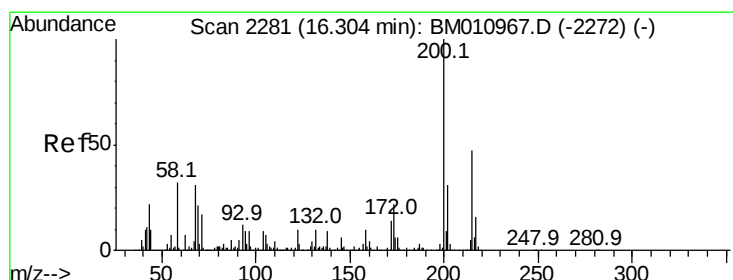
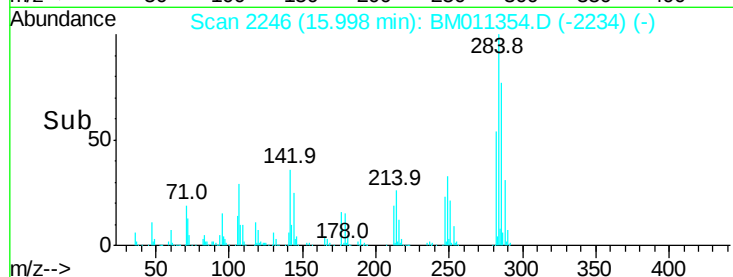
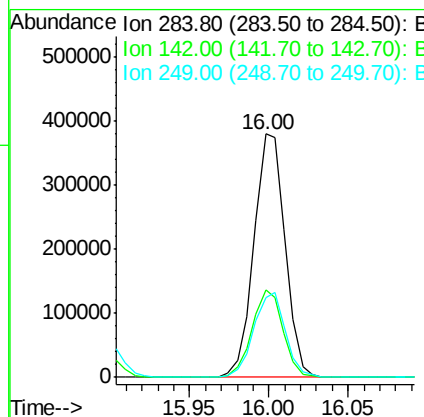
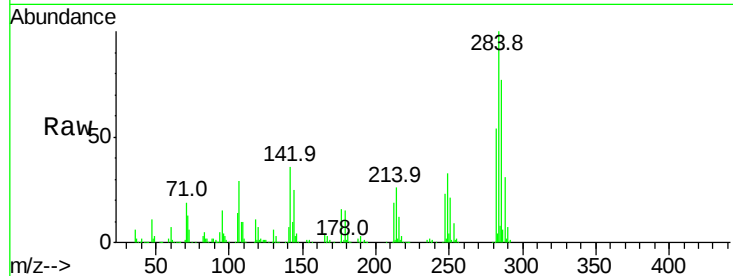
ClientSampleId :

OR-01-082317MSD

Tot Ion:	284	Resp:	518511
Ion Ratio	Lower	Upper	
284	100		
142	36.2	20.4	30.6#
249	32.9	23.8	35.6

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM



#68

Atrazine

Concen: 45.186 ng

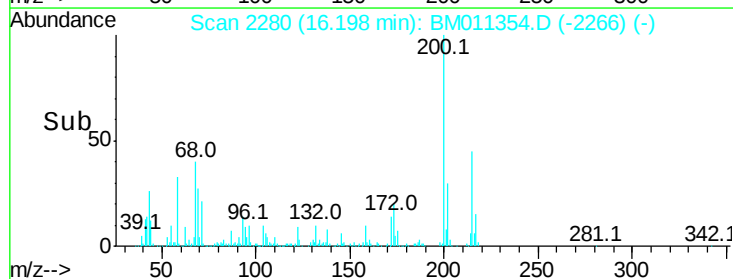
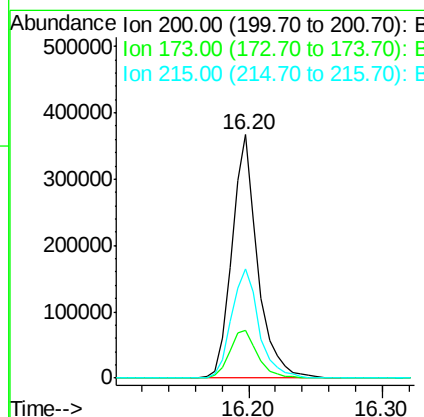
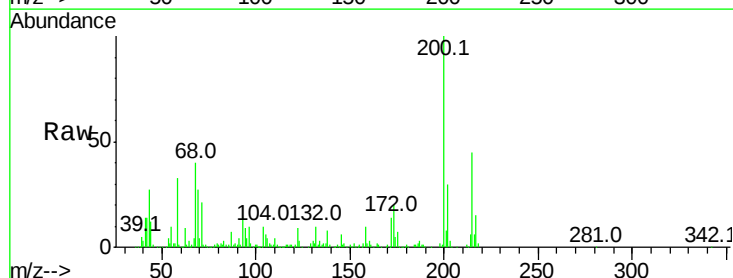
RT: 16.20 min Scan# 2280

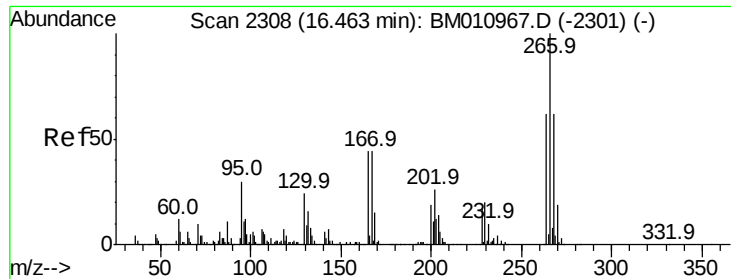
Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Tgt Ion:	200	Resp:	493814
Ion Ratio	Lower	Upper	
200	100		
173	19.8	4.8	44.8
215	44.9	26.9	66.9





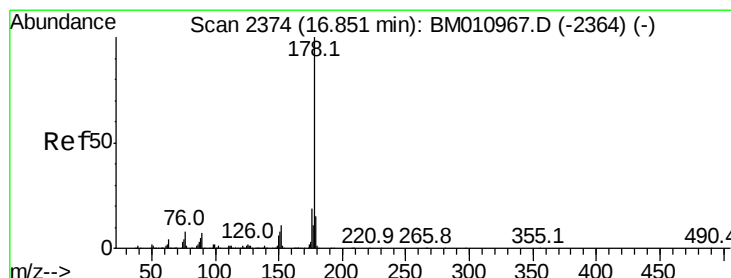
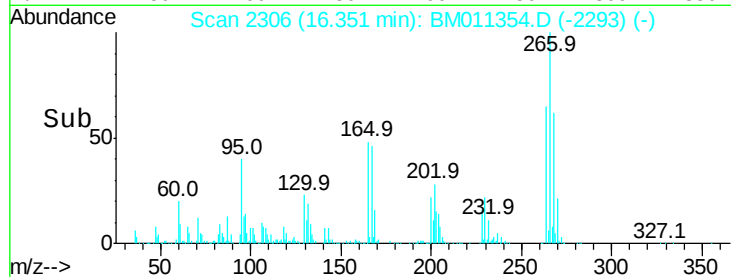
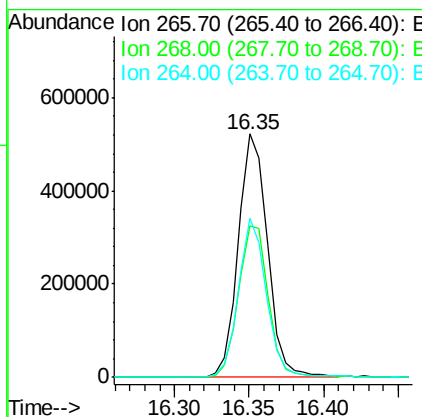
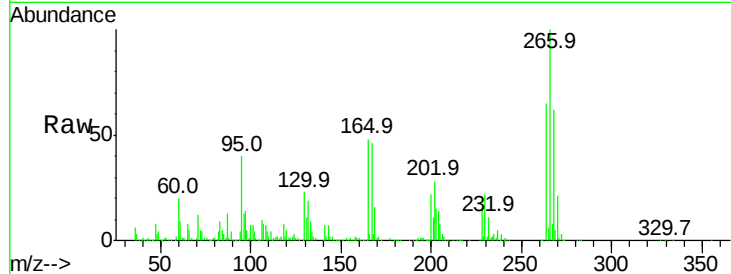
#69
 Pentachlorophenol
 Concen: 81.156 ng
 RT: 16.35 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	52.0	78.0
264	65.5	49.0	73.4

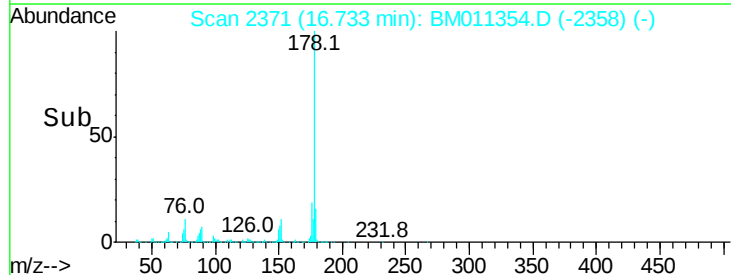
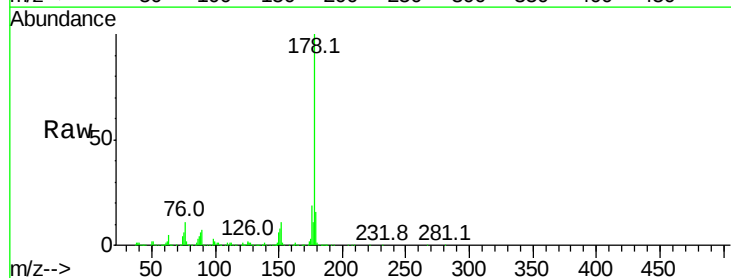
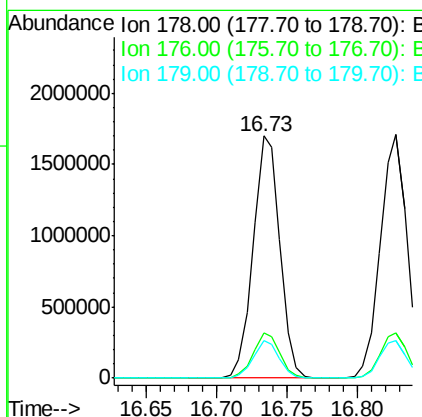
Manual Integrations
 APPROVED

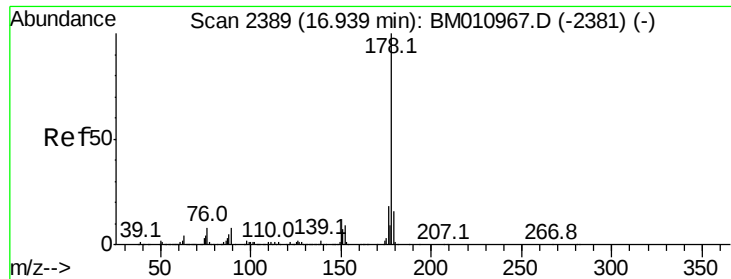
Sohil
 8/28/2017 3:17:36 PM



#70
 Phenanthrene
 Concen: 45.374 ng
 RT: 16.73 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.6	12.1	18.1





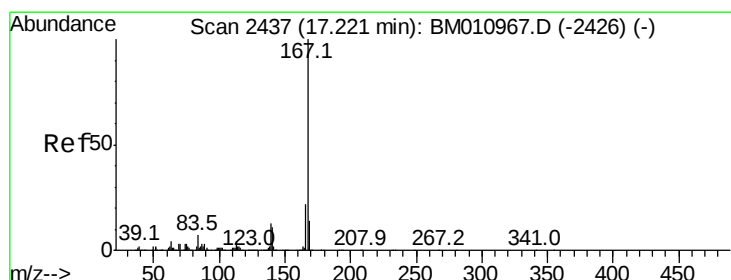
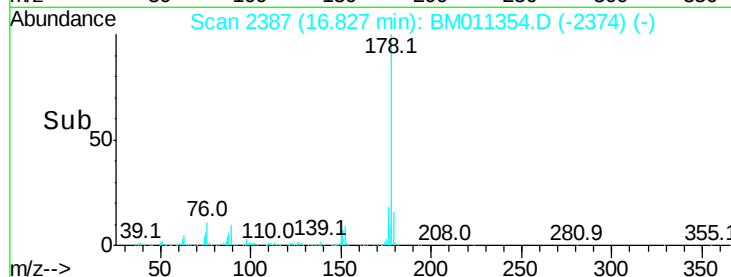
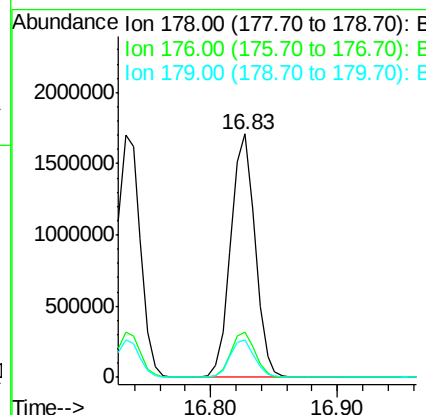
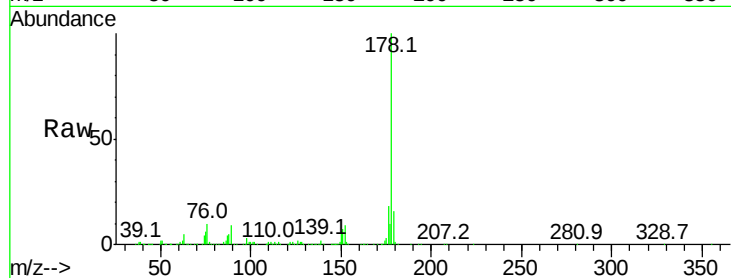
#71
 Anthracene
 Concen: 45.253 ng
 RT: 16.83 min Scan# 2387
 Delta R.T. -0.02 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-082317MSD

Tot Ion:178 Resp: 2251877
 Ion Ratio Lower Upper
 178 100
 176 18.3 14.6 22.0
 179 15.6 12.6 19.0

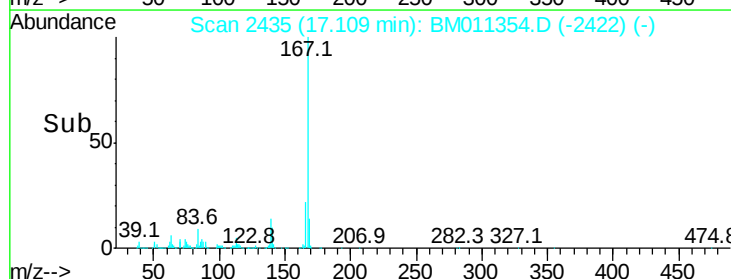
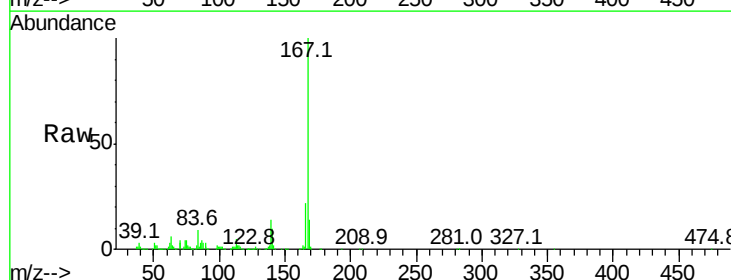
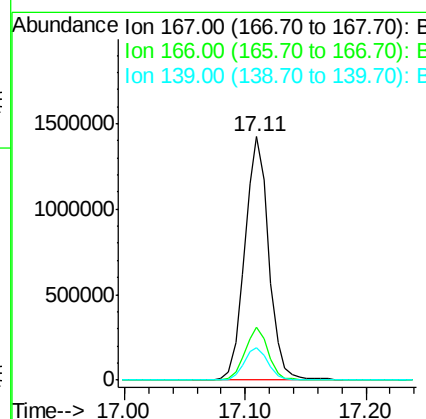
Manual Integrations
 APPROVED

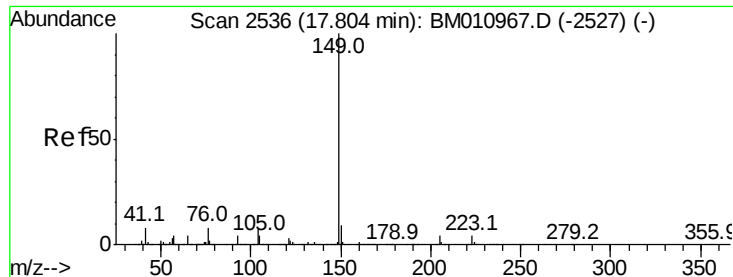
Sohil
 8/28/2017 3:17:36 PM



#72
 Carbazole
 Concen: 45.285 ng
 RT: 17.11 min Scan# 2435
 Delta R.T. -0.02 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Tgt Ion:167 Resp: 1970701
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 13.6 10.8 16.2





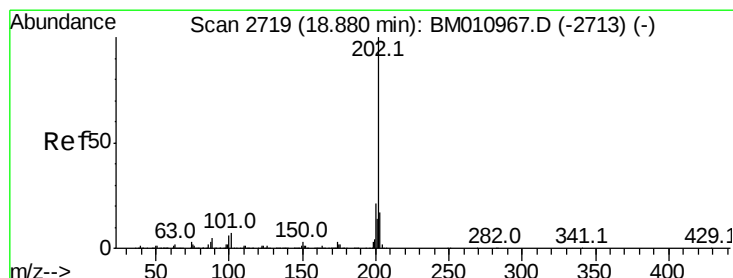
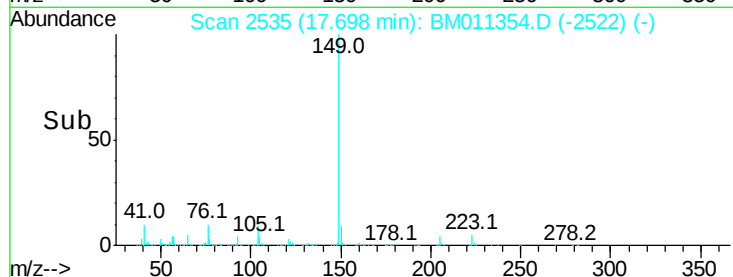
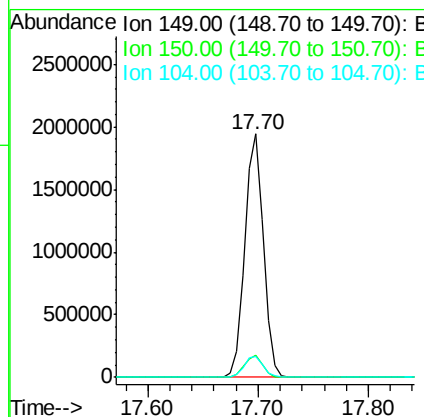
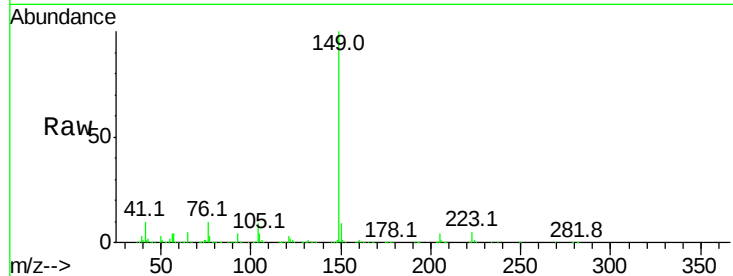
#73
Di-n-butylphthalate
Concen: 43.340 ng
RT: 17.70 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	8.6	3.7	5.5

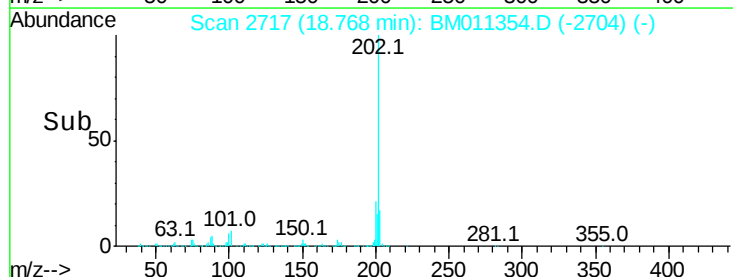
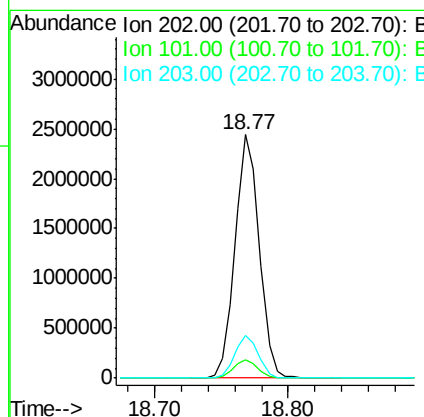
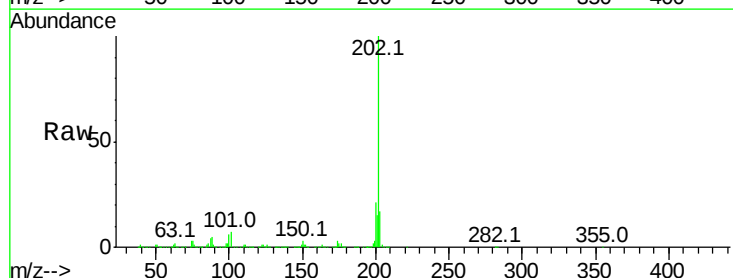
Manual Integrations
APPROVED

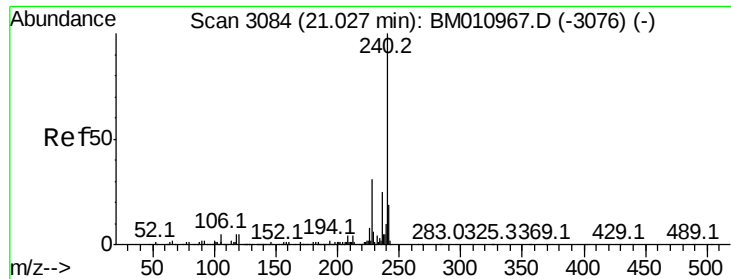
Sohil
8/28/2017 3:17:36 PM



#74
Fluoranthene
Concen: 50.173 ng
RT: 18.77 min Scan# 2717
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	28.7
203	17.5	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.92 min Scan# 3083

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

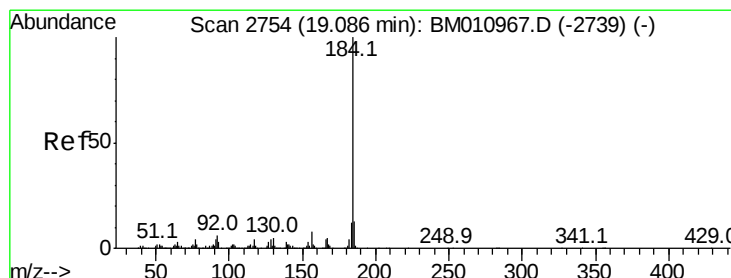
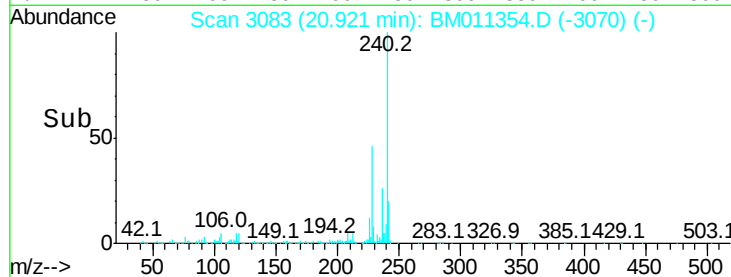
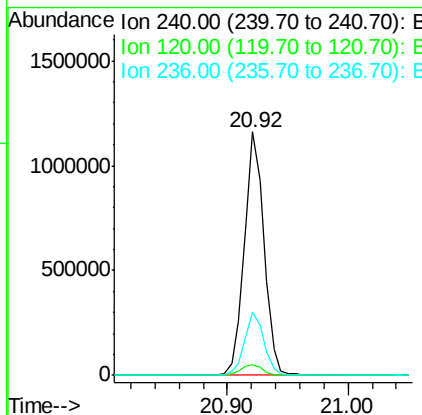
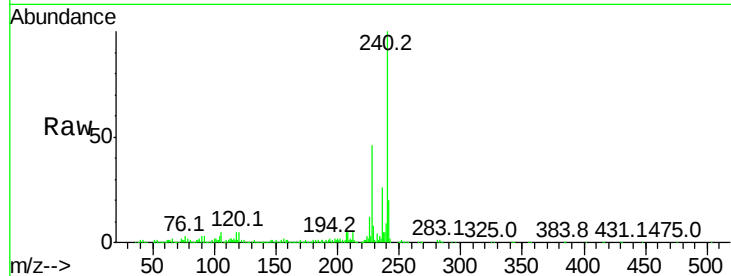
ClientSampleId :

OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	4.6	8.2	12.2#
236	25.8	20.0	30.0

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM



#76

Benzidine

Concen: 38.352 ng

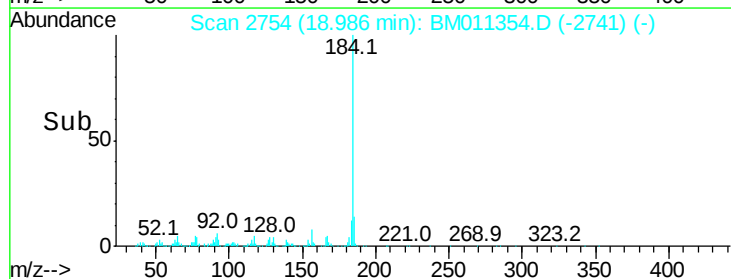
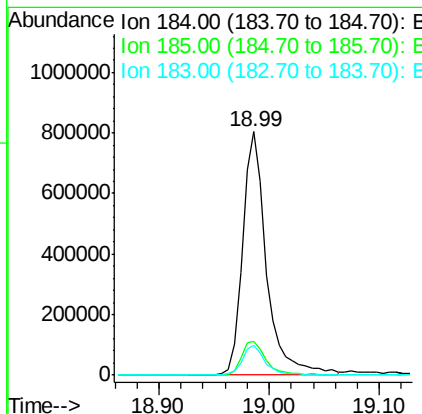
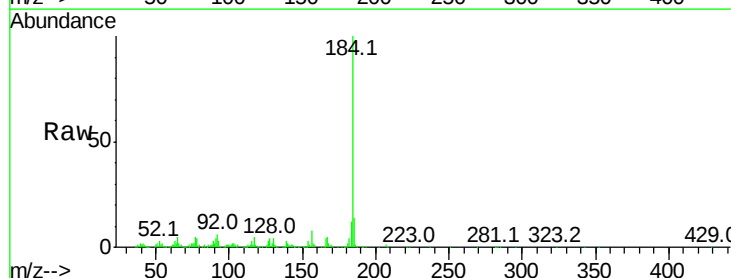
RT: 18.99 min Scan# 2754

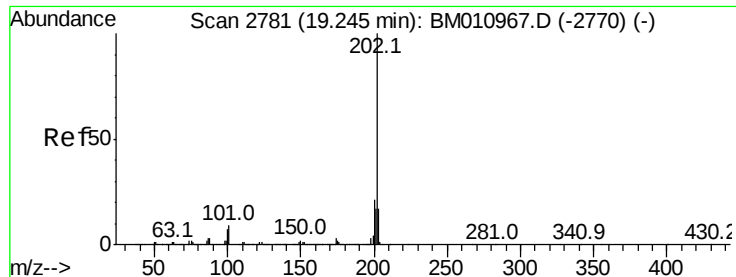
Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.3	16.9
183	12.5	8.9	13.3





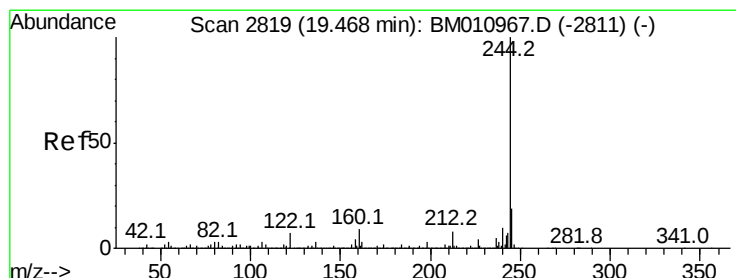
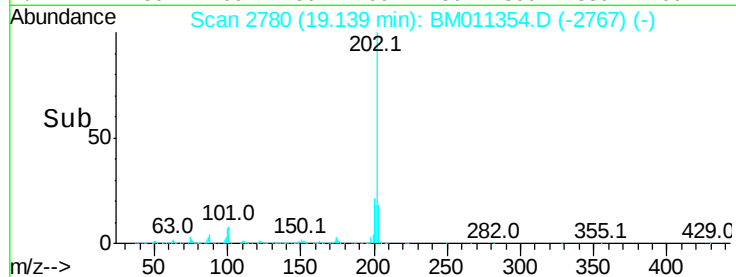
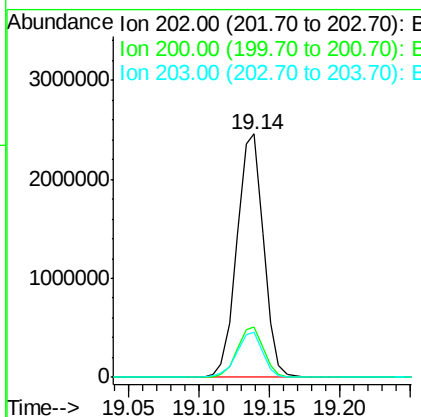
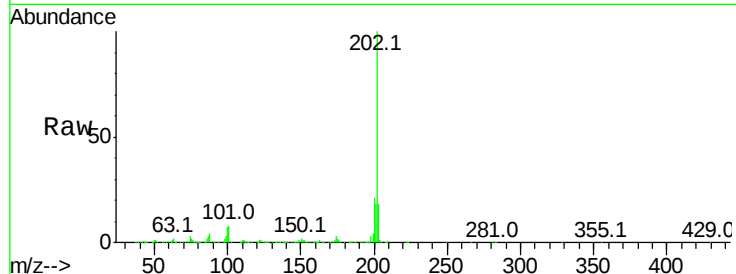
#77
Pvrene
Concen: 40.915 ng
RT: 19.14 min Scan# 2780
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	18.4	14.1	21.1

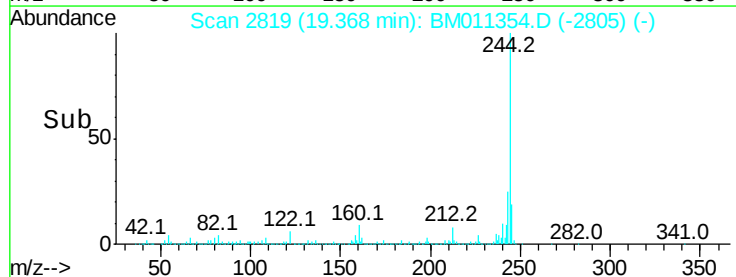
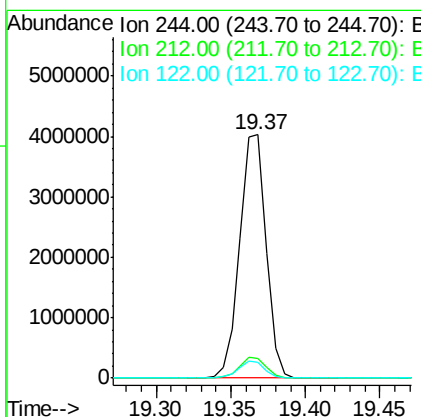
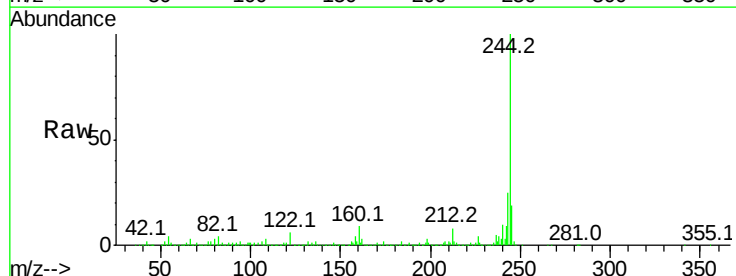
Manual Integrations
APPROVED

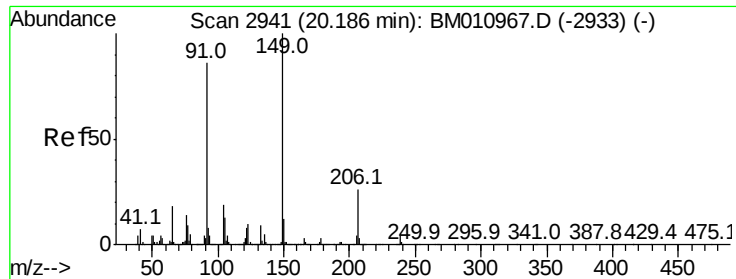
Sohil
8/28/2017 3:17:36 PM



#78
Terphenyl-d14
Concen: 73.835 ng
RT: 19.37 min Scan# 2819
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	6.5	6.2	9.4





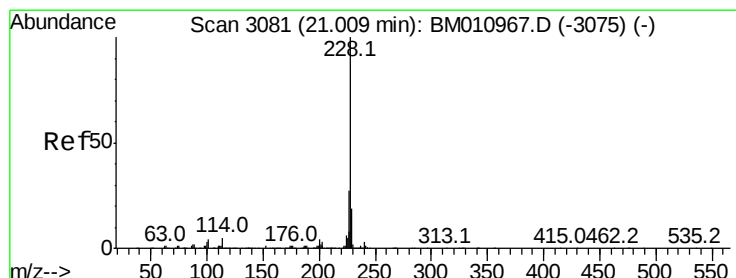
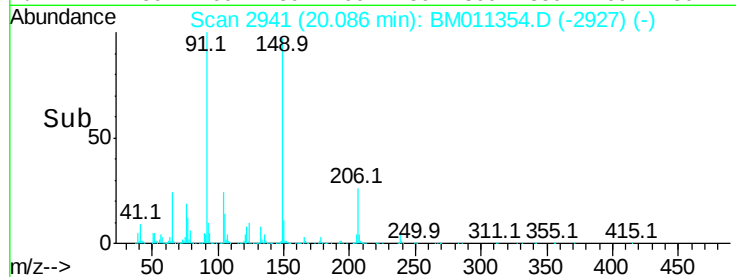
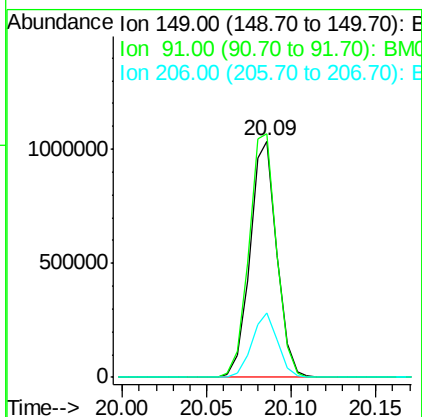
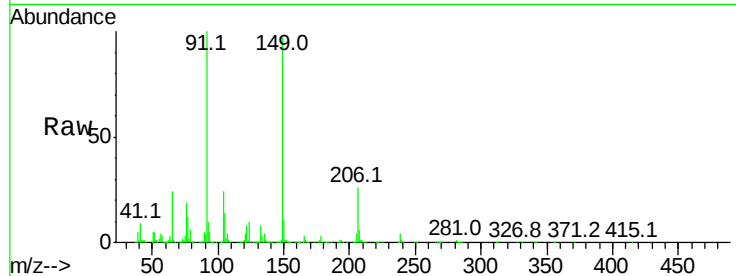
#79
Butylbenzylphthalate
Concen: 40.728 ng
RT: 20.09 min Scan# 2941
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	103.0	50.1	75.1#
206	27.1	16.2	24.2#

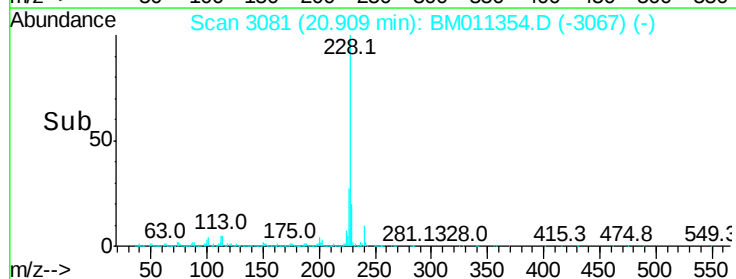
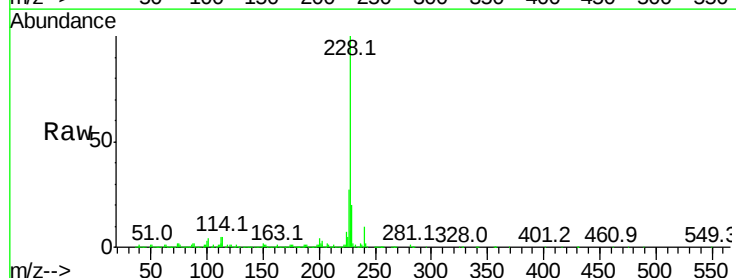
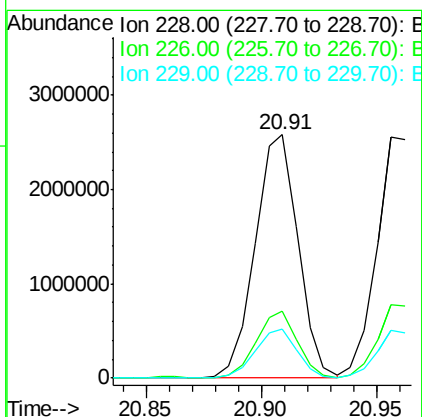
Manual Integrations
APPROVED

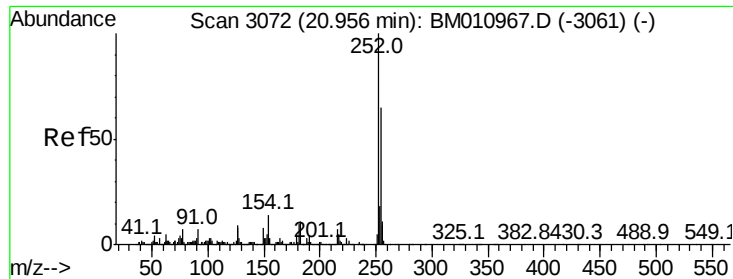
Sohil
8/28/2017 3:17:36 PM



#80
Benzo(a)anthracene
Concen: 43.983 ng
RT: 20.91 min Scan# 3081
Delta R.T. -0.02 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.7	32.5
229	20.0	16.0	24.0





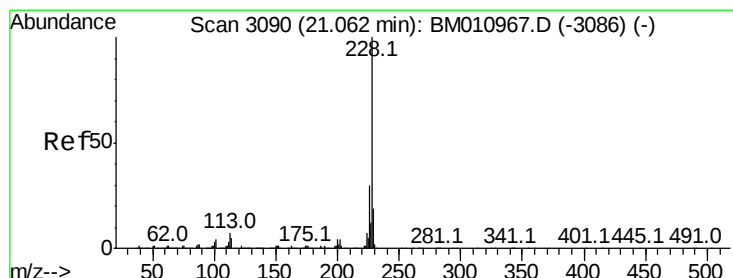
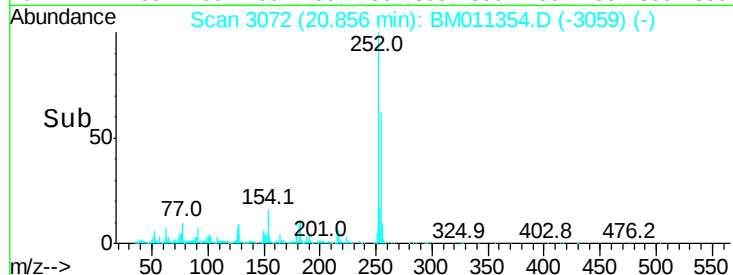
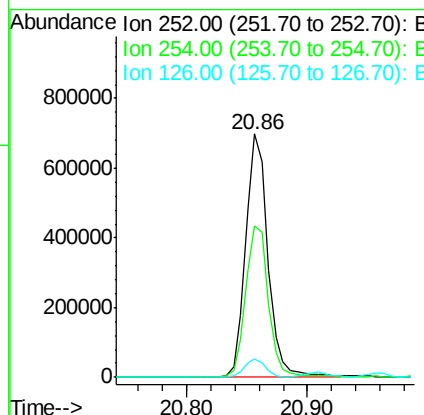
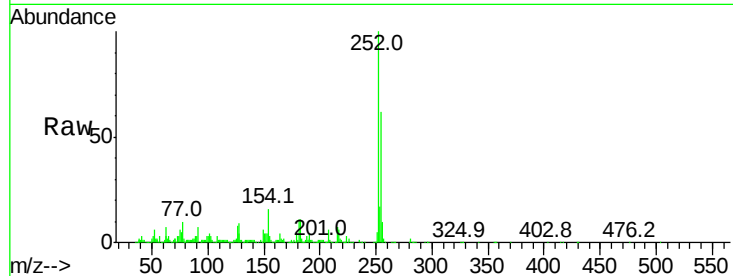
#81
 3,3'-Dichlorobenzidine
 Concen: 30.404 ng
 RT: 20.86 min Scan# 3072
 Delta R.T. -0.02 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-082317MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	905119		
254	62.4	51.9	77.9	
126	7.7	9.8	14.8	

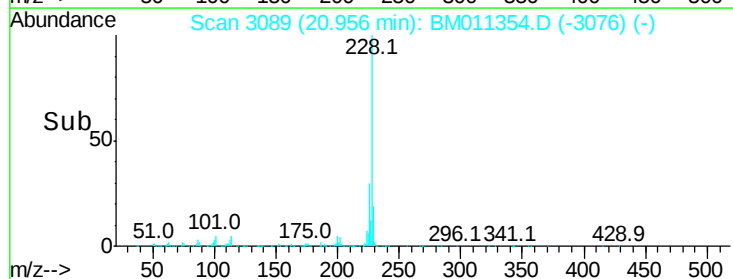
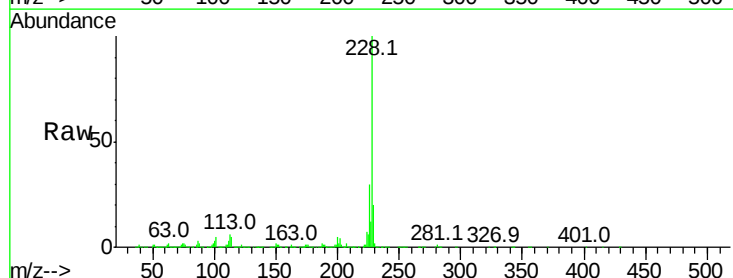
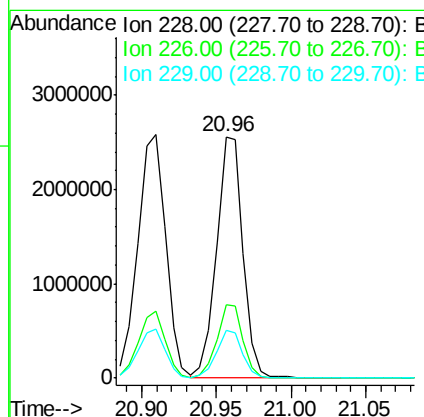
Manual Integrations
 APPROVED

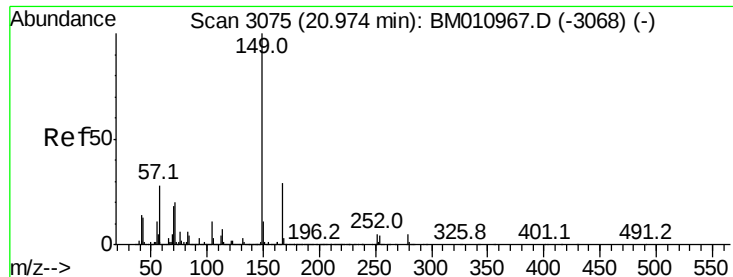
Sohil
 8/28/2017 3:17:36 PM



#82
 Chrysene
 Concen: 43.312 ng
 RT: 20.96 min Scan# 3089
 Delta R.T. -0.02 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	3154955		
226	30.4	24.1	36.1	
229	19.5	15.5	23.3	





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.447 ng

RT: 20.87 min Scan# 3075

Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

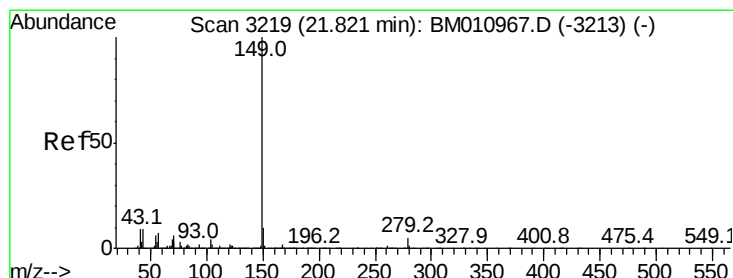
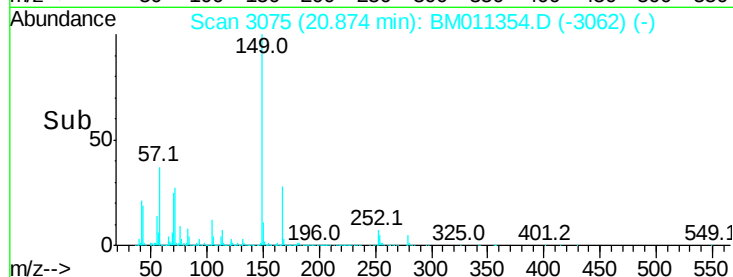
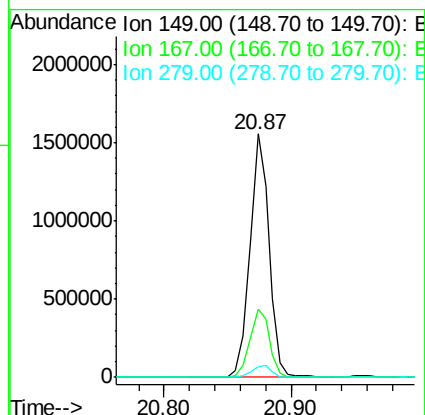
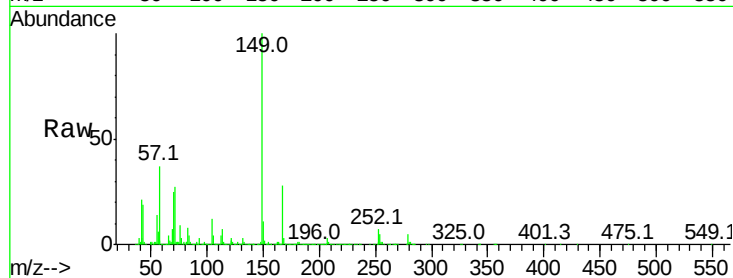
ClientSampleId :

OR-01-082317MSD

Tot Ion:	149	Resp:	1629580
Ion Ratio	Lower	Upper	
149	100		
167	28.1	22.4	33.6
279	4.5	3.4	5.0

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM



#84

Di-n-octyl phthalate

Concen: 41.876 ng

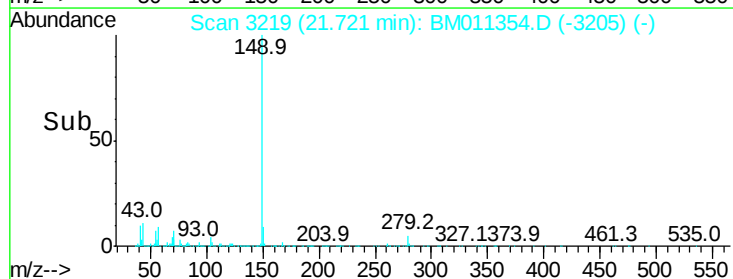
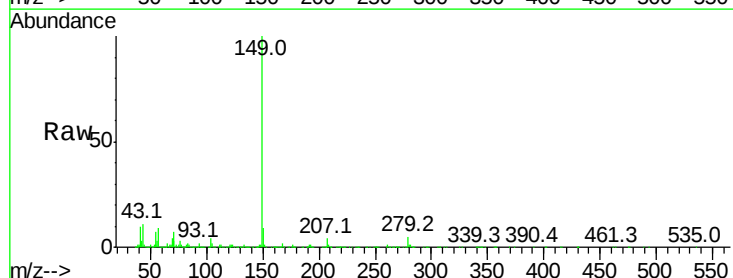
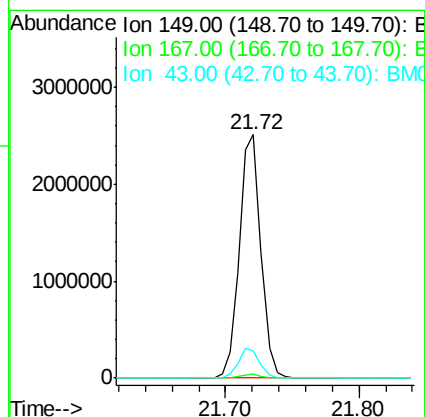
RT: 21.72 min Scan# 3219

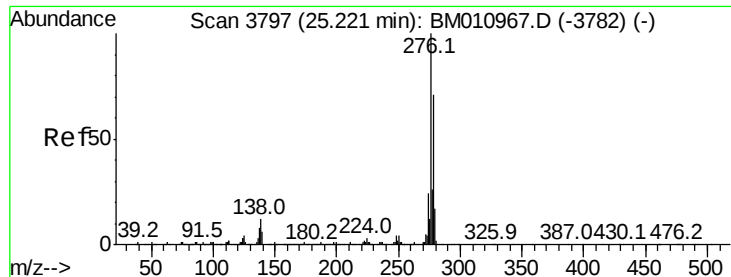
Delta R.T. -0.02 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Tgt Ion:	149	Resp:	2807686
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	12.2	7.3	10.9#





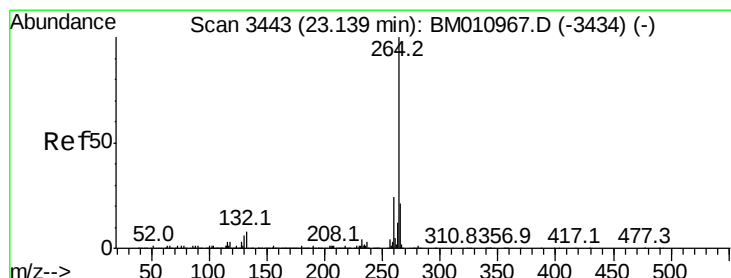
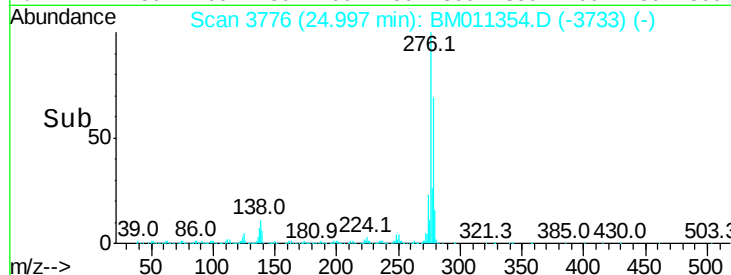
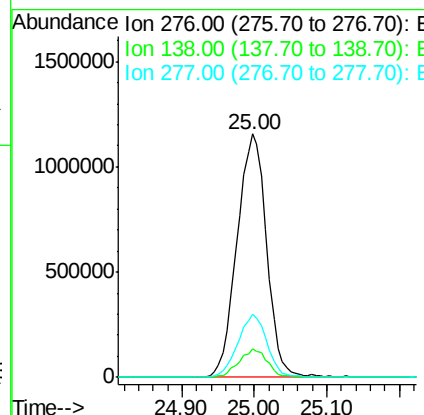
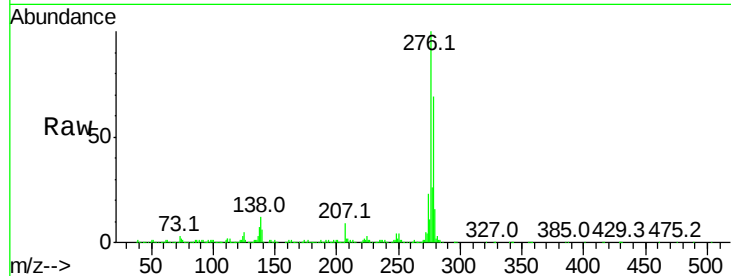
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.409 ng
RT: 25.00 min Scan# 3776
Delta R.T. -0.05 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.1	12.0	18.0#
277	25.5	20.0	30.0

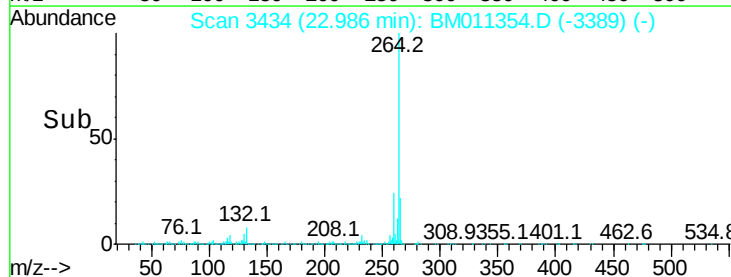
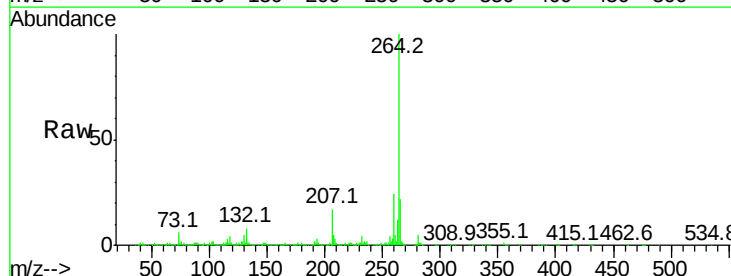
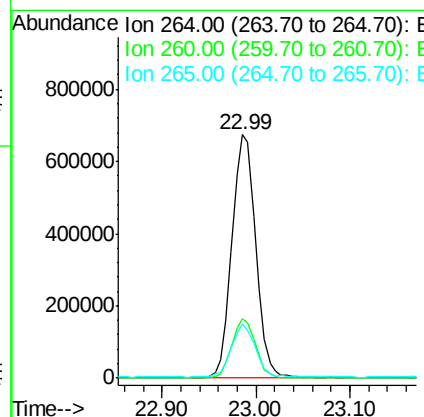
Manual Integrations
APPROVED

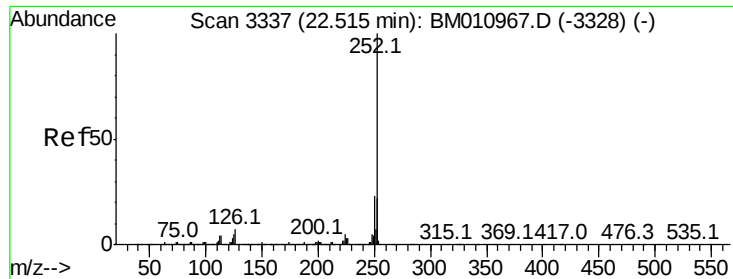
Sohil
8/28/2017 3:17:36 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 22.99 min Scan# 3434
Delta R.T. -0.04 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	27.8
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 41.675 ng

RT: 22.39 min Scan# 3332

Delta R.T. -0.03 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Instrument :

BNA_M

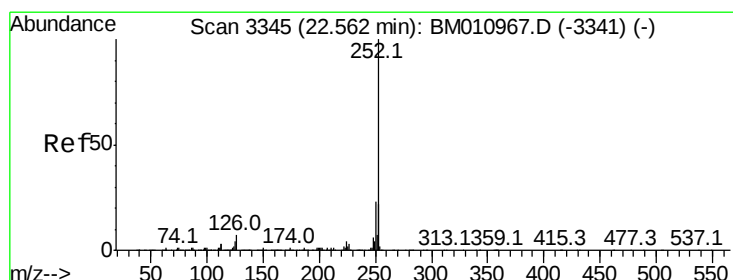
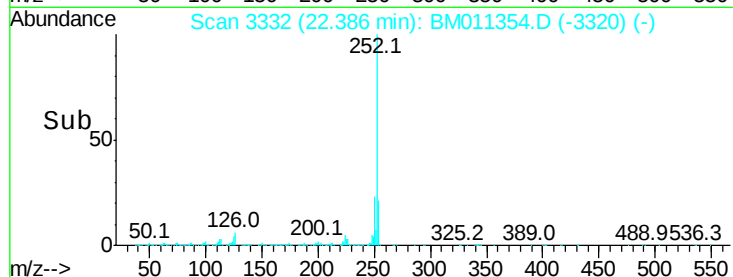
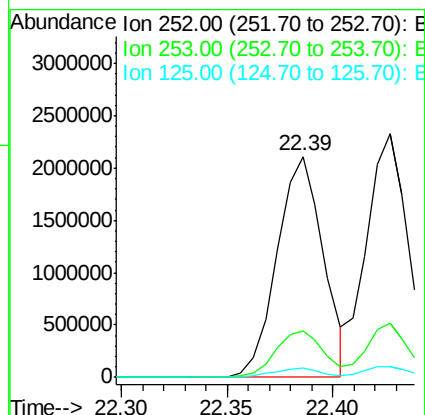
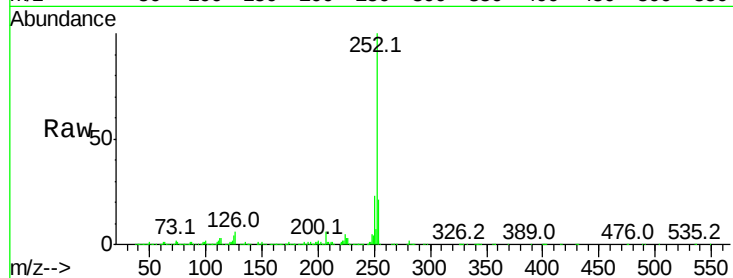
ClientSampleId :

OR-01-082317MSD

Tot	Ion:252	Resp: 3198760	
Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.0	27.0
125	4.3	9.9	14.9#

Manual Integrations
APPROVED

Sohil
8/28/2017 3:17:36 PM



#88

Benzo(k)fluoranthene

Concen: 43.313 ng

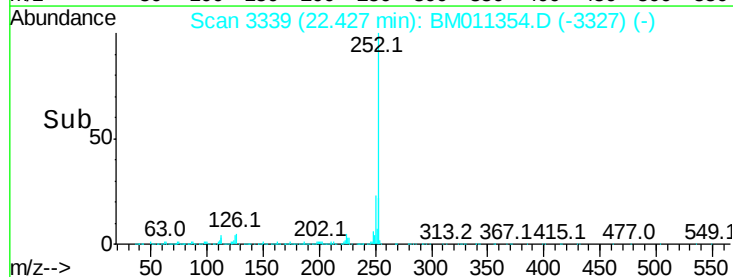
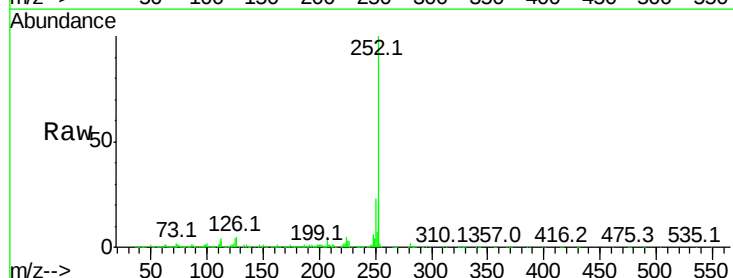
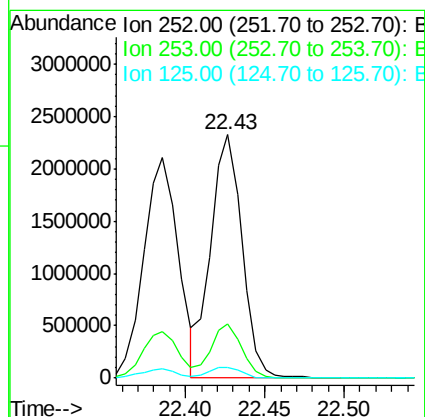
RT: 22.43 min Scan# 3339

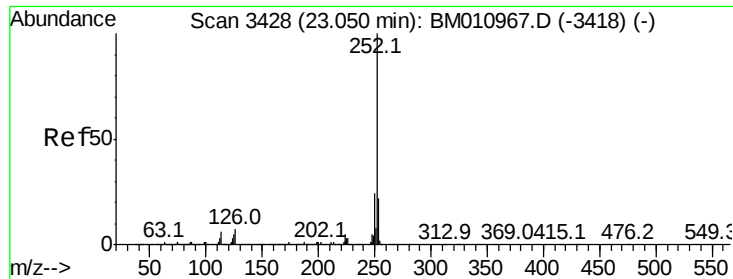
Delta R.T. -0.03 min

Lab File: BM011354.D

Acq: 25 Aug 2017 21:29

Tgt	Ion:252	Resp: 3186387	
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	4.4	8.1	12.1#





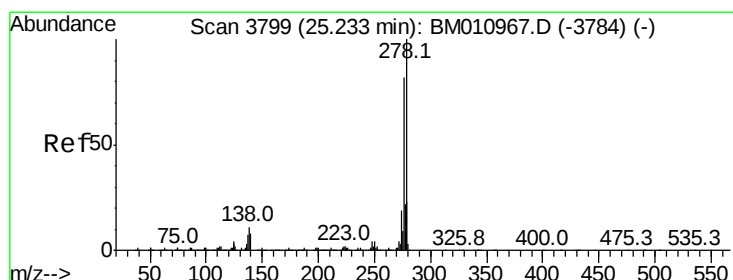
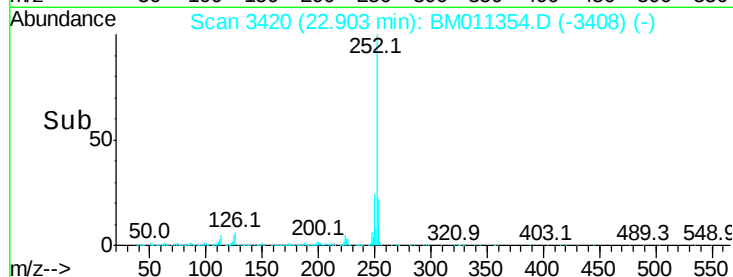
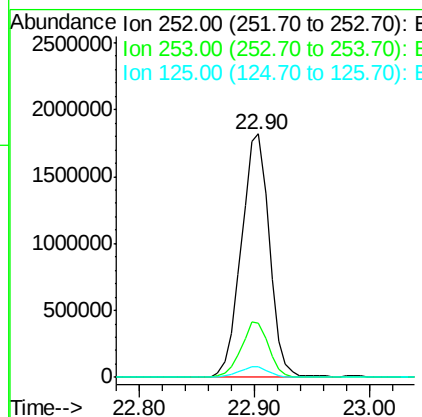
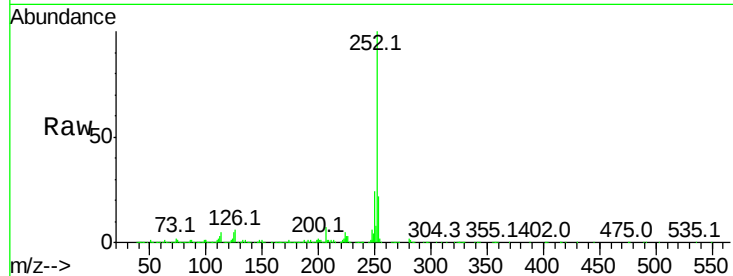
#89
Benzo(a)pyrene
Concen: 44.213 ng
RT: 22.90 min Scan# 3420
Delta R.T. -0.03 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Instrument :
BNA_M
ClientSampleId :
OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	4.6	7.4	11.2

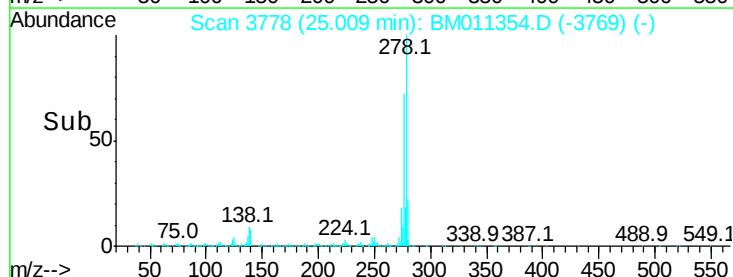
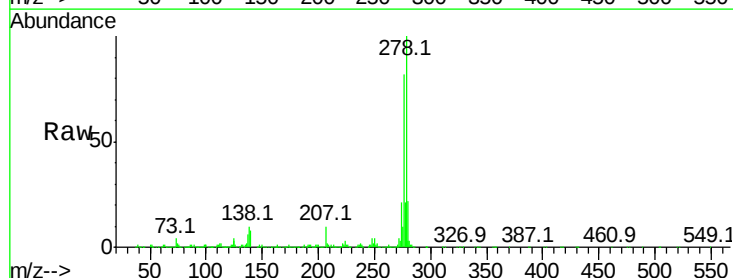
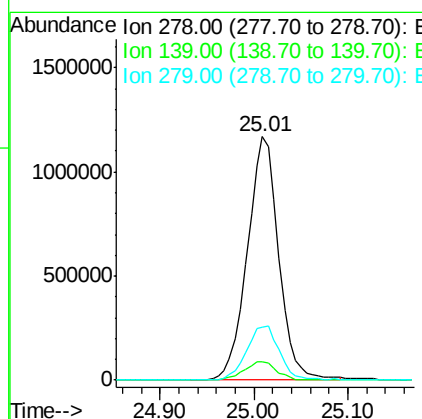
Manual Integrations
APPROVED

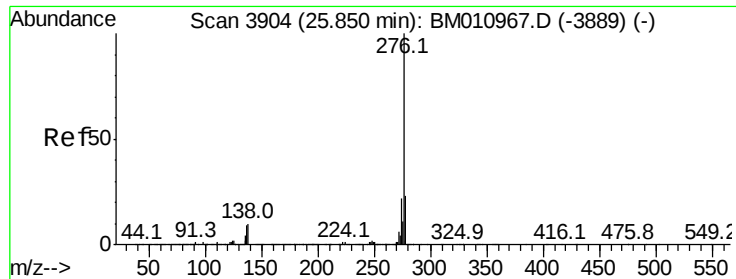
Sohil
8/28/2017 3:17:36 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.902 ng
RT: 25.01 min Scan# 3778
Delta R.T. -0.05 min
Lab File: BM011354.D
Acq: 25 Aug 2017 21:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.6	13.4	20.0
279	21.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.647 ng
 RT: 25.60 min Scan# 3879
 Delta R.T. -0.05 min
 Lab File: BM011354.D
 Acq: 25 Aug 2017 21:29

Instrument :
 BNA_M
 ClientSampleId :
 OR-01-082317MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.5	27.7
138	9.1	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 8/28/2017 3:17:36 PM

