

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011110.D
 Acq On : 03 Aug 2017 04:54
 Operator : SJ/JU
 Sample : I4534-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Manual Integrations
 APPROVED

Sohil
 8/3/2017 6:22:39 PM

Quant Time: Aug 03 15:13:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	179590	20.00	ng	-0.01
21) Naphthalene-d8	10.14	136	775557	20.00	ng	-0.01
38) Acenaphthene-d10	14.04	164	611937	20.00	ng	-0.01
63) Phenanthrene-d10	16.79	188	1522623	20.00	ng	-0.02
75) Chrysene-d12	21.02	240	1365801	20.00	ng	-0.01
86) Perylene-d12	23.13	264	1218562	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.02	112	1119092	105.34	ng	0.00
7) Phenol-d6	6.58	99	1465215	97.07	ng	-0.01
23) Nitrobenzene-d5	8.53	82	1543553	74.70	ng	-0.01
41) 2,4,6-Tribromophenol	15.54	330	1095816	111.73	ng	-0.01
44) 2-Fluorobiphenyl	12.65	172	3434824	70.40	ng	-0.02
78) Terphenyl-d14	19.46	244	5215585	75.64	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	132415	27.760	ng	# 100
3) Pyridine	3.41	79	393324	30.188	ng	# 87
4) n-Nitrosodimethylamine	3.33	42	253113	38.121	ng	# 66
6) Aniline	6.73	93	473746	24.902	ng	# 85
8) 2-Chlorophenol	6.96	128	355202	32.932	ng	# 72
9) Benzaldehyde	6.54	77	262401	26.867	ng	# 76
10) Phenol	6.61	94	505226	30.816	ng	# 94
11) bis(2-Chloroethyl)ether	6.83	93	458704	35.908	ng	# 91
12) 1,3-Dichlorobenzene	7.27	146	395991	30.125	ng	# 74
13) 1,4-Dichlorobenzene	7.42	146	413450	30.685	ng	# 90
14) 1,2-Dichlorobenzene	7.72	146	396268	30.760	ng	# 87
15) Benzyl Alcohol	7.63	79	551046	38.055	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	7.92	45	427112	37.155	ng	# 74
17) 2-Methylphenol	7.83	107	384408	36.686	ng	# 72
18) Hexachloroethane	8.43	117	192415	32.746	ng	# 86
19) n-Nitroso-di-n-propylamine	8.19	70	517879	40.374	ng	# 94
20) 3+4-Methylphenols	8.16	107	518903	35.625	ng	# 79
22) Acetophenone	8.20	105	768760	33.068	ng	# 91
24) Nitrobenzene	8.57	77	770636	35.989	ng	# 84
25) Isophorone	9.09	82	1269430	36.844	ng	# 85
26) 2-Nitrophenol	9.27	139	218879	32.125	ng	# 1
27) 2,4-Dimethylphenol	9.35	122	420518	35.060	ng	# 70
28) bis(2-Chloroethoxy)methane	9.58	93	701524	36.507	ng	# 95
29) 2,4-Dichlorophenol	9.80	162	480896	35.681	ng	# 86
30) 1,2,4-Trichlorobenzene	10.00	180	562003	33.724	ng	# 98
31) Naphthalene	10.19	128	1313083	33.655	ng	# 98
32) Benzoic acid	9.49	122	272257	28.240	ng	# 58
33) 4-Chloroaniline	10.32	127	240493	15.452	ng	# 64
34) Hexachlorobutadiene	10.47	225	444887	33.895	ng	# 97
35) Caprolactam	11.10	113	108607m	28.415	ng	#
36) 4-Chloro-3-methylphenol	11.45	107	626234	35.984	ng	# 71
37) 2-Methylnaphthalene	11.81	142	1110530	38.746	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	823324	31.316	ng	# 100
40) Hexachlorocyclopentadiene	12.17	237	1269652	82.879	ng	# 97

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\
 Data File : BM011110.D
 Acq On : 03 Aug 2017 04:54
 Operator : SJ/JU
 Sample : I4534-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

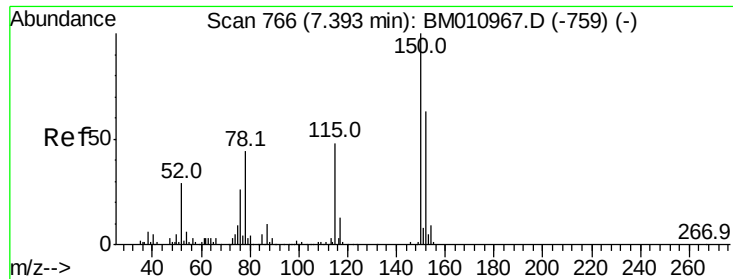
Manual Integrations
 APPROVED

Sohil
 8/3/2017 6:22:39 PM

Quant Time: Aug 03 15:13:59 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	521255	32.757	nq	99
43) 2,4,5-Trichlorophenol	12.52	196	563222	34.365	nq #	85
45) 1,1'-Biphenyl	12.86	154	1646916	31.125	nq	96
46) 2-Chloronaphthalene	12.89	162	1288500	33.051	nq #	93
47) 2-Nitroaniline	13.12	65	550681	39.927	nq #	63
48) Acenaphthylene	13.75	152	1977866	33.995	nq	98
49) Dimethylphthalate	13.52	163	1762922	33.677	nq #	99
50) 2,6-Dinitrotoluene	13.63	165	360911	34.094	nq #	39
51) Acenaphthene	14.10	154	1220407	33.877	nq	99
52) 3-Nitroaniline	13.96	138	243471	26.504	nq #	32
53) 2,4-Dinitrophenol	14.17	184	498617	66.276	nq #	79
54) Dibenzofuran	14.45	168	2168553	37.151	nq #	91
55) 4-Nitrophenol	14.29	139	425981	52.781	nq	86
56) 2,4-Dinitrotoluene	14.42	165	514621	34.629	nq	85
57) Fluorene	15.10	166	1783323	35.089	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.67	232	580435	37.784	nq #	100
59) Diethylphthalate	14.90	149	1844833	34.507	nq	99
60) 4-Chlorophenyl-phenylether	15.10	204	1090523	35.540	nq	96
61) 4-Nitroaniline	15.13	138	290747	29.798	nq #	1
62) Azobenzene	15.40	77	2389234	41.757	nq	87
64) 4,6-Dinitro-2-methylphenol	15.19	198	349817	33.937	nq	96
65) n-Nitrosodiphenylamine	15.32	169	1409105	32.337	nq	99
66) 4-Bromophenyl-phenylether	16.00	248	723878	36.982	nq #	88
67) Hexachlorobenzene	16.10	284	749805	33.899	nq #	92
68) Atrazine	16.29	200	342190	19.596	nq	96
69) Pentachlorophenol	16.45	266	938669	66.845	nq	98
70) Phenanthrene	16.84	178	2917542	36.594	nq	100
71) Anthracene	16.93	178	2914011	36.648	nq	99
72) Carbazole	17.20	167	2090375	30.061	nq	99
73) Di-n-butylphthalate	17.79	149	2866177	33.847	nq #	96
74) Fluoranthene	18.87	202	3292223	33.321	nq	98
76) Benzidine	19.08	184	67899m	2.078	nq	
77) Pyrene	19.23	202	3298862	40.649	nq	99
79) Butylbenzylphthalate	20.17	149	1106236	38.333	nq #	65
80) Benzo(a)anthracene	21.00	228	2934058	37.623	nq	99
81) 3,3'-Dichlorobenzidine	20.94	252	150977	4.935	nq #	94
82) Chrysene	21.05	228	2684582	35.862	nq	100
83) Bis(2-ethylhexyl)phthalate	20.96	149	1623085	38.232	nq #	99
84) Di-n-octyl phthalate	21.82	149	2331436	33.836	nq	97
85) Indeno(1,2,3-cd)pyrene	25.20	276	3260608	42.057	nq #	96
87) Benzo(b)fluoranthene	22.50	252	2705367	34.591	nq #	92
88) Benzo(k)fluoranthene	22.54	252	2628329	35.063	nq #	94
89) Benzo(a)pyrene	23.03	252	2651483	37.467	nq #	96
90) Dibenzo(a,h)anthracene	25.21	278	2699354	41.146	nq #	90
91) Benzo(g,h,i)perylene	25.83	276	2724098	42.286	nq #	85

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



#1

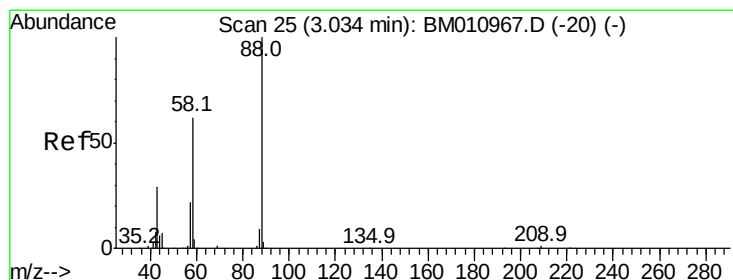
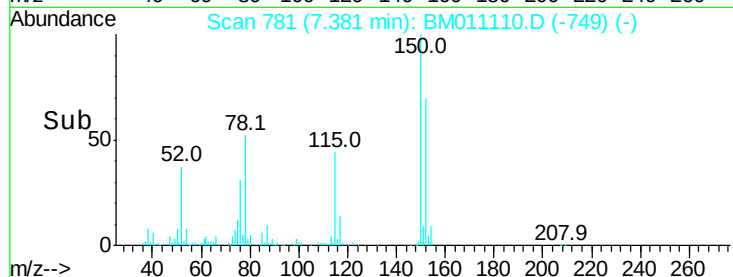
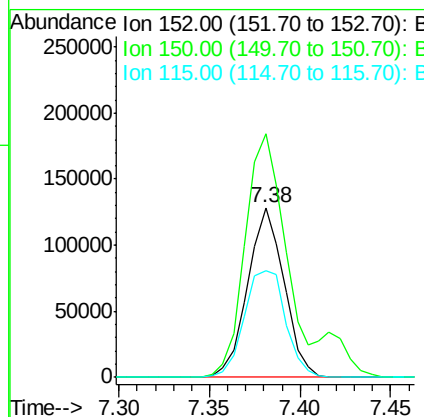
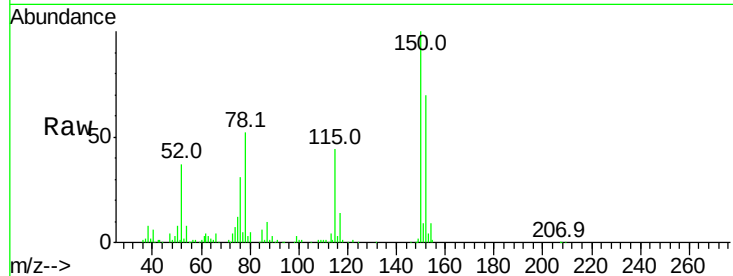
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.38 min Scan# 781
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Instrument :
BNA_M
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	179590		
150	143.3	119.5	179.3	
115	62.9	43.0	64.4	

Manual Integrations
APPROVED

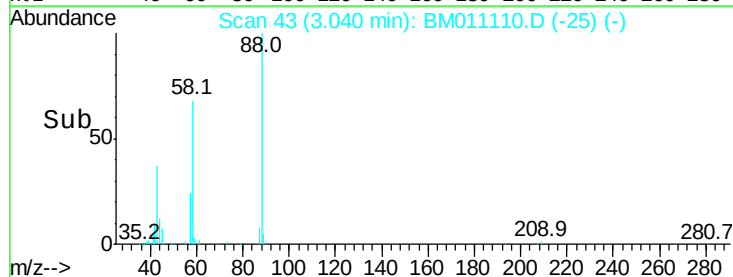
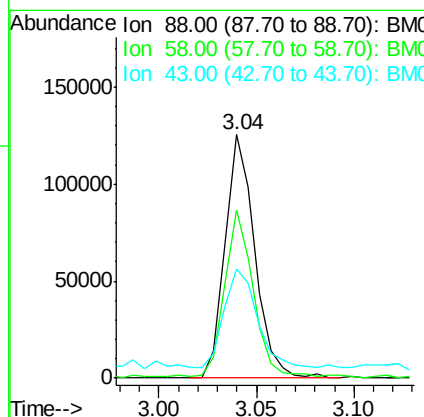
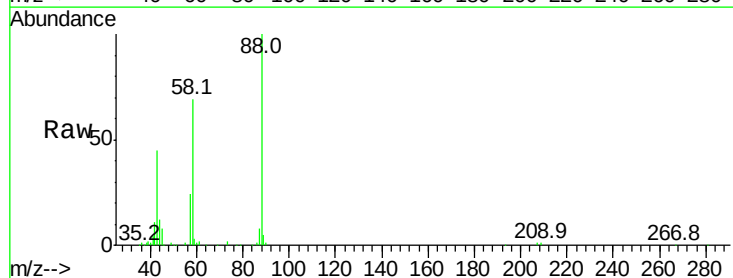
Sohil
8/3/2017 6:22:39 PM

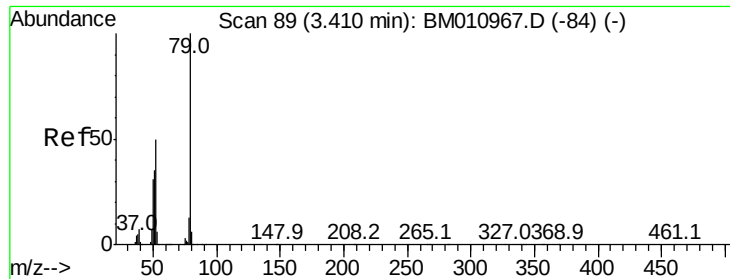


#2

1,4-Dioxane
Concen: 27.760 ng
RT: 3.04 min Scan# 43
Delta R.T. 0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	132415		
58	69.3	0.0	0.0#	
43	45.2	0.0	0.0#	





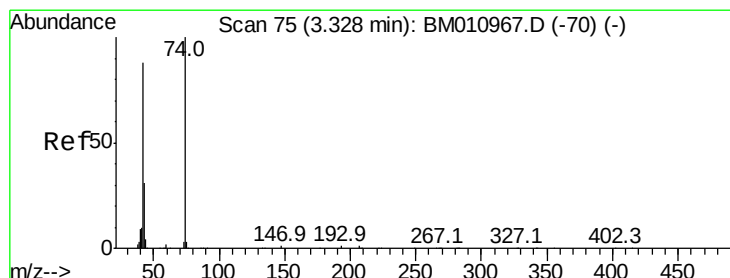
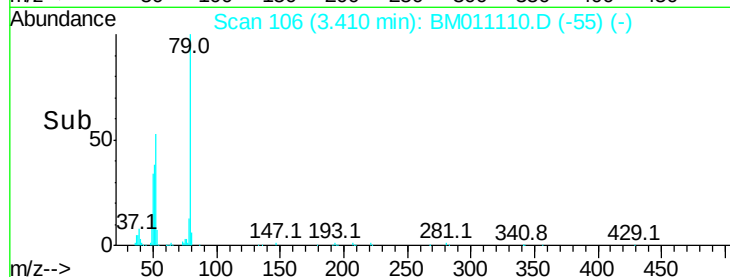
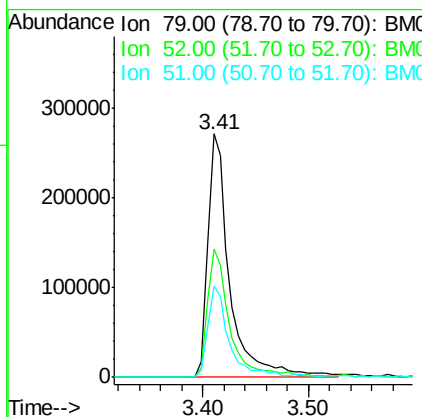
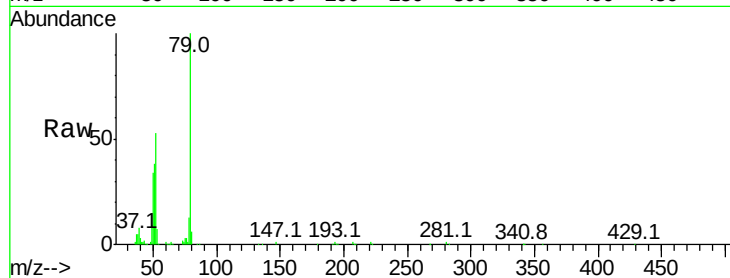
#3
 Pvridine
 Concen: 30.188 ng
 RT: 3.41 min Scan# 106
 Delta R.T. -0.00 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	52.7	51.1	76.7
51	37.7	26.1	39.1

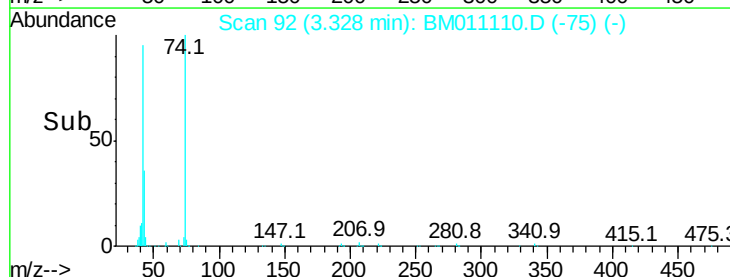
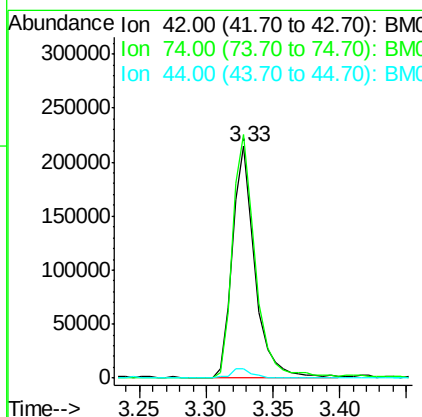
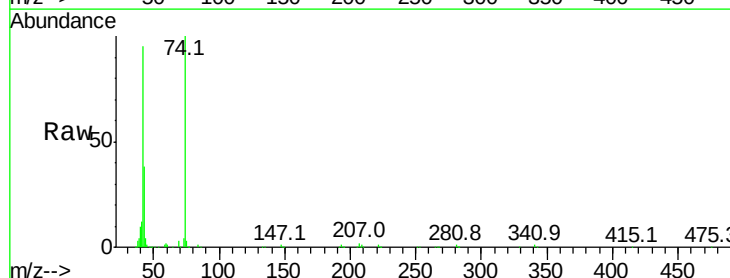
Manual Integrations
 APPROVED

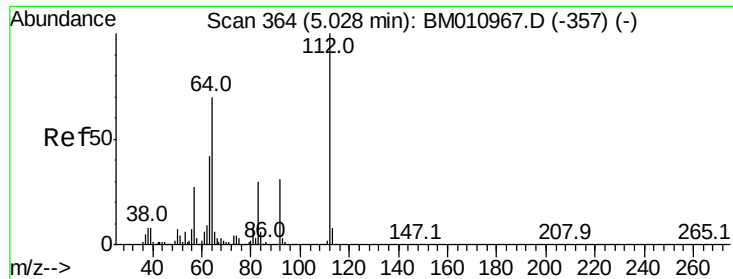
Sohil
 8/3/2017 6:22:39 PM



#4
 n-Nitrosodimethylamine
 Concen: 38.121 ng
 RT: 3.33 min Scan# 92
 Delta R.T. -0.00 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.9	119.3	178.9#
44	4.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 105.338 ng

RT: 5.02 min Scan# 380

Delta R.T. -0.00 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

ClientSampleId :

72-11938MS

Tot Ion:112 Resp: 1119092

Ion Ratio Lower Upper

112 100

64 76.4 38.6 57.8#

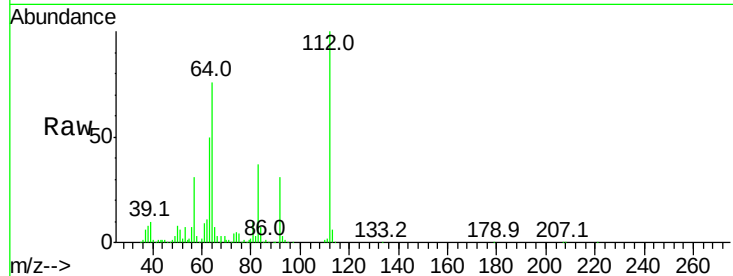
63 50.3 19.3 28.9#

Manual Integrations

APPROVED

Sohil

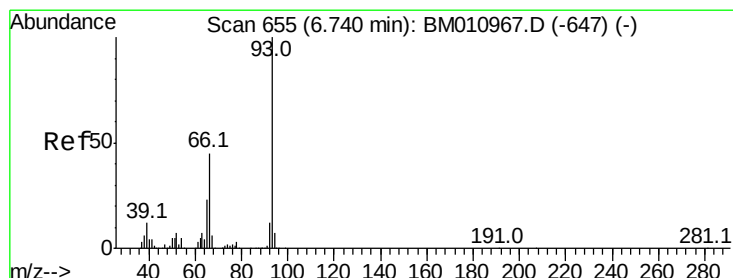
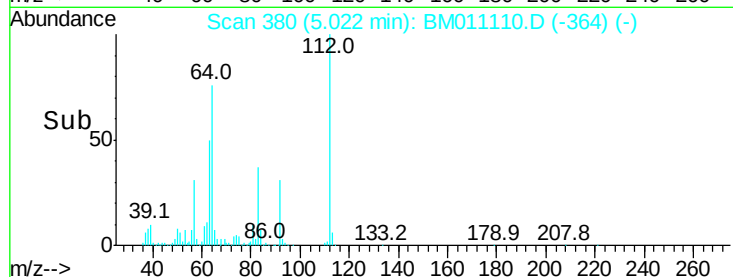
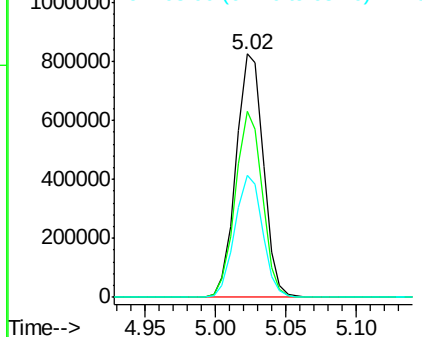
8/3/2017 6:22:39 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 24.902 ng

RT: 6.73 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

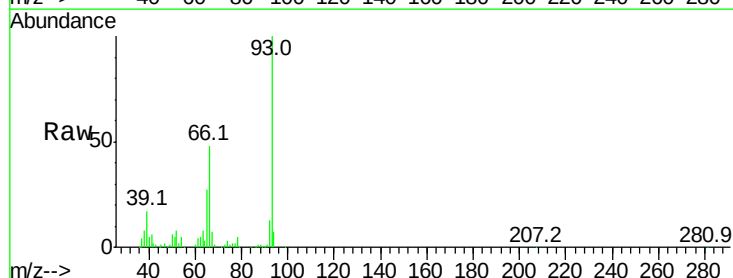
Tgt Ion: 93 Resp: 473746

Ion Ratio Lower Upper

93 100

66 47.7 30.8 46.2#

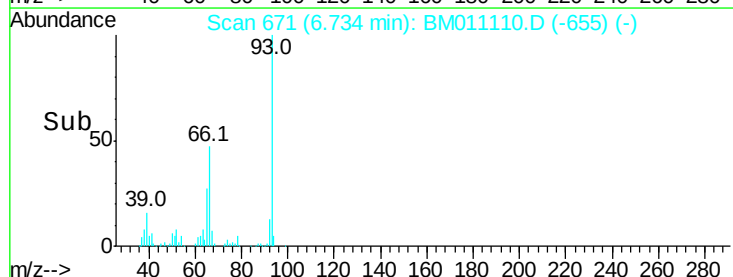
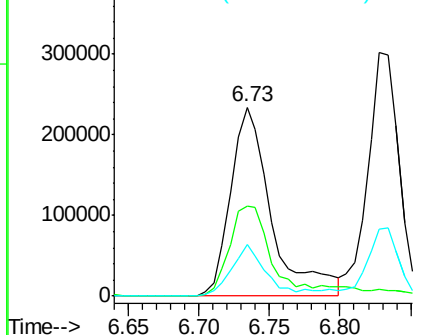
65 27.2 16.0 24.0#

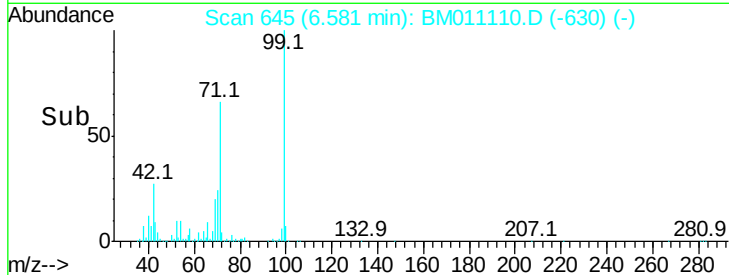
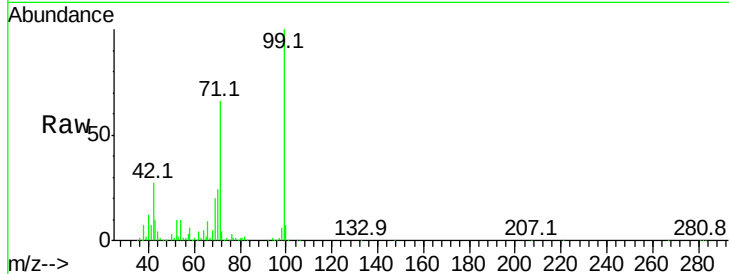
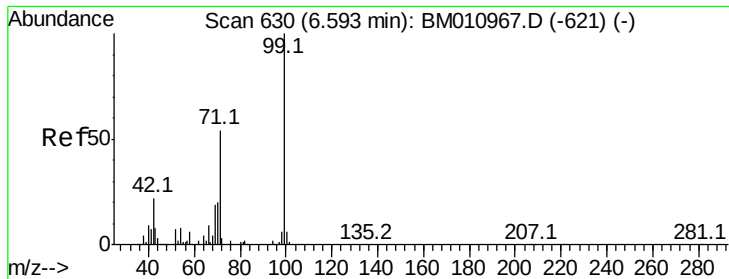


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 97.069 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tot Ion	99	Resp	1465215
Ion	Ratio	Lower	Upper
99	100		
42	27.2	11.0	16.4#
71	65.7	23.4	35.2#

Instrument :

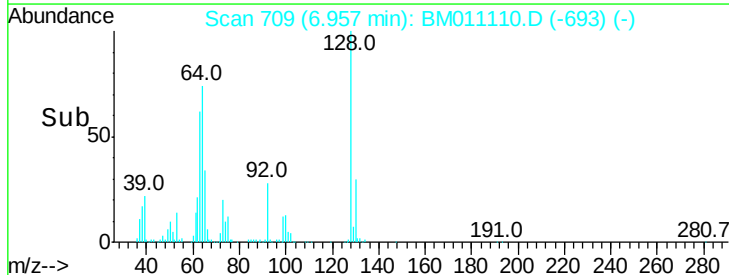
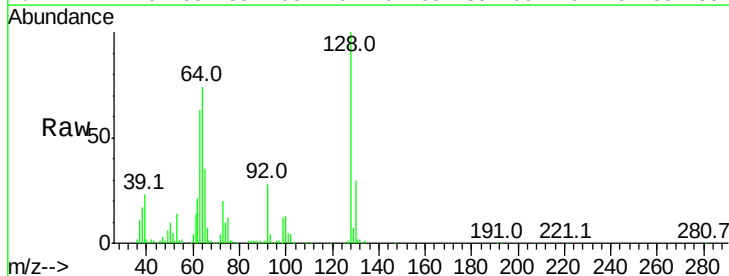
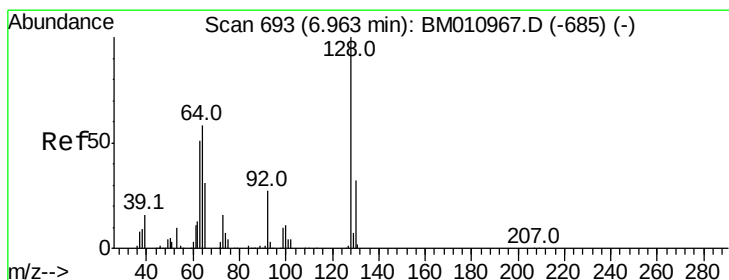
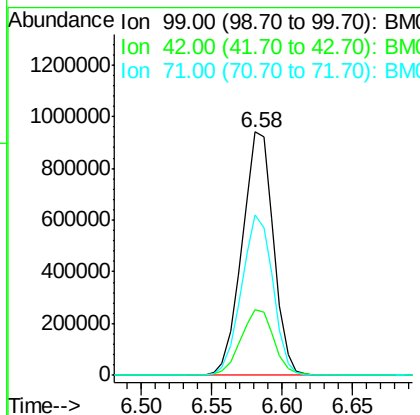
BNA_M

ClientSampleId :

72-11938MS

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#8

2-Chlorophenol

Concen: 32.932 ng

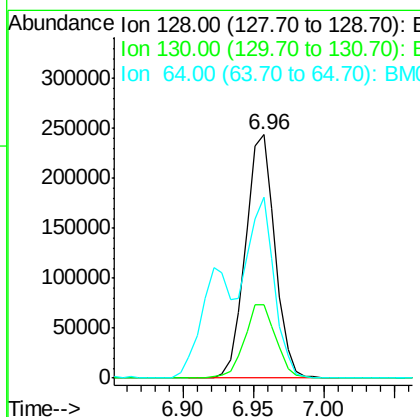
RT: 6.96 min Scan# 709

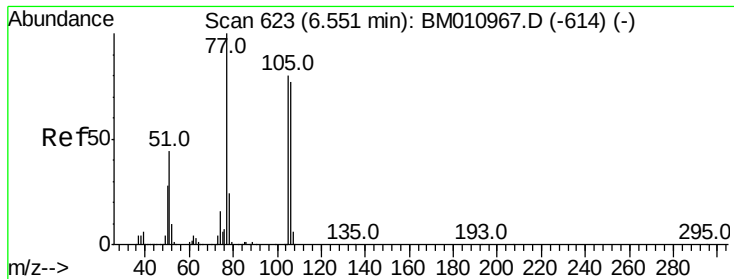
Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion	128	Resp	355202
Ion	Ratio	Lower	Upper
128	100		
130	30.0	12.0	52.0
64	74.3	24.9	64.9#





#9

Benzaldehyde

Concen: 26.867 ng

RT: 6.54 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

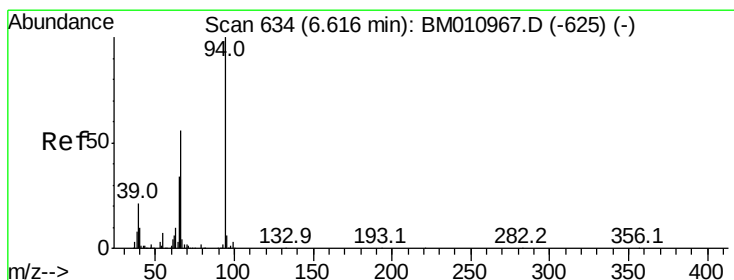
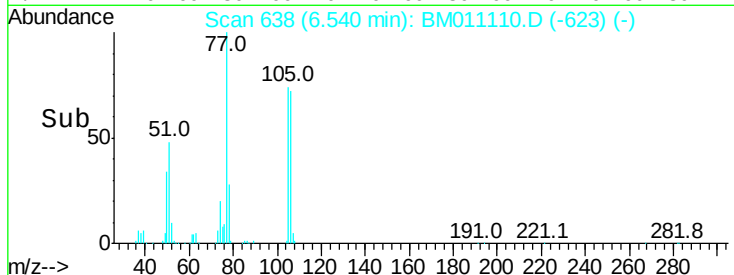
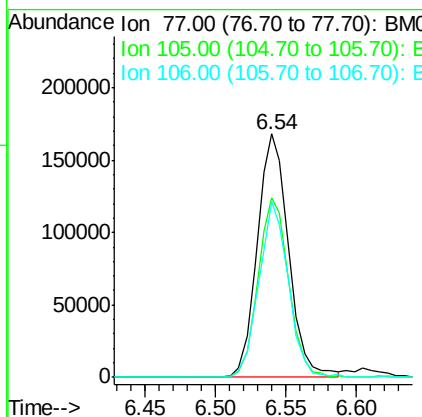
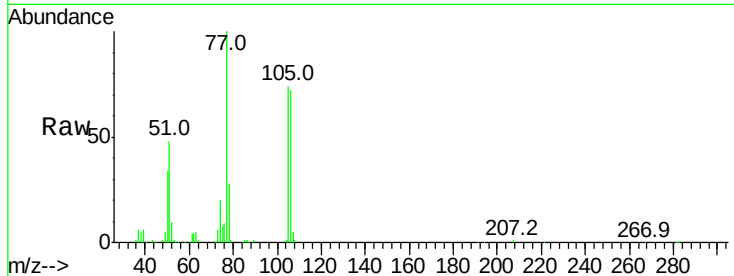
ClientSampled :

72-11938MS

Tot Ion:	77	Resp:	262401
Ion Ratio	Lower	Upper	
77	100		
105	74.0	78.8	118.8#
106	72.1	73.7	113.7#

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#10

Phenol

Concen: 30.816 ng

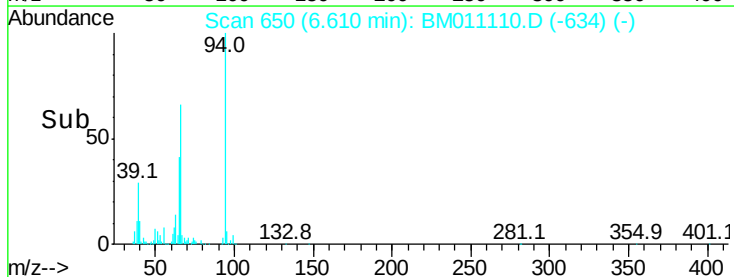
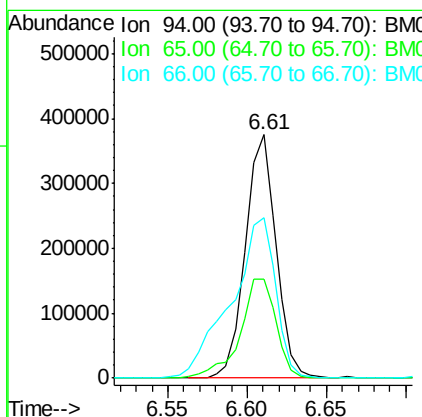
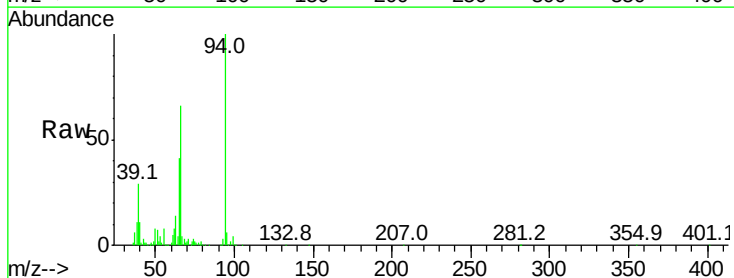
RT: 6.61 min Scan# 650

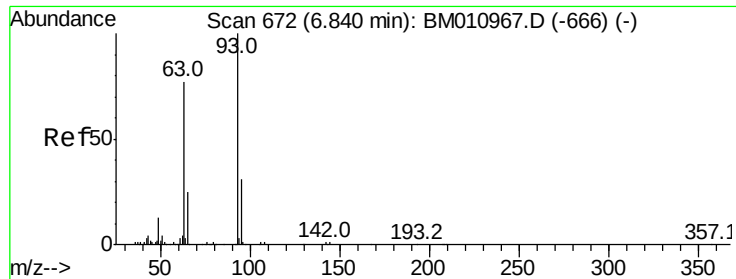
Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion:	94	Resp:	505226
Ion Ratio	Lower	Upper	
94	100		
65	40.7	18.8	58.8
66	65.8	39.9	79.9





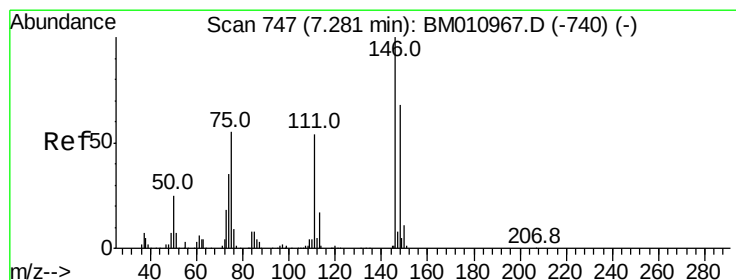
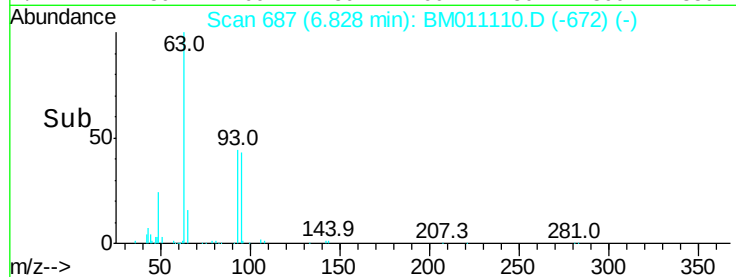
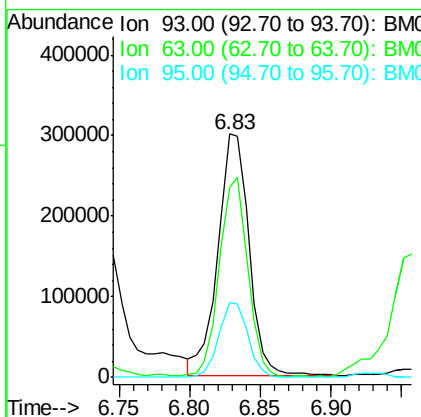
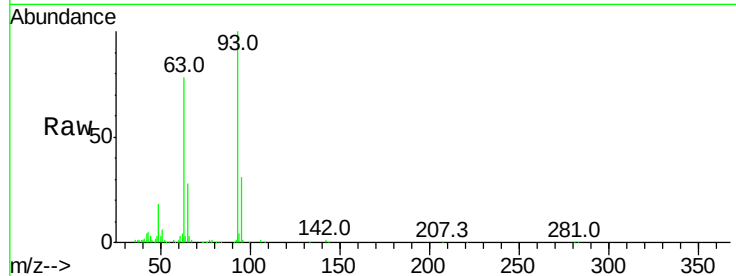
#11
bis(2-Chloroethyl)ether
Concen: 35.908 ng
RT: 6.83 min Scan# 687
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Instrument :
BNA_M
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	458704		
63	77.9	49.5	89.5	
95	30.7	13.5	53.5	

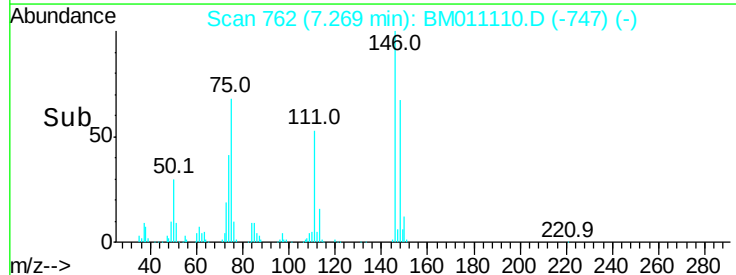
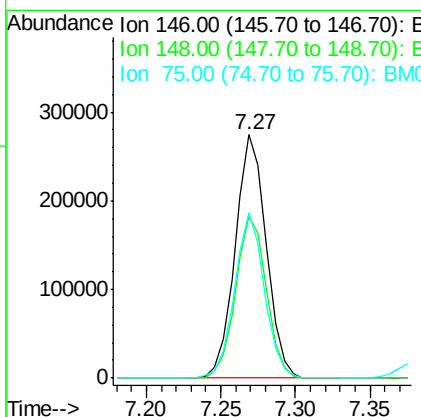
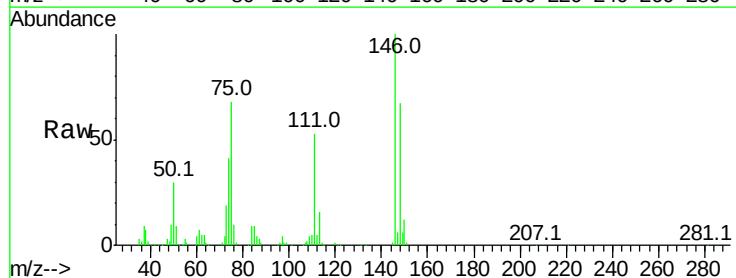
Manual Integrations
APPROVED

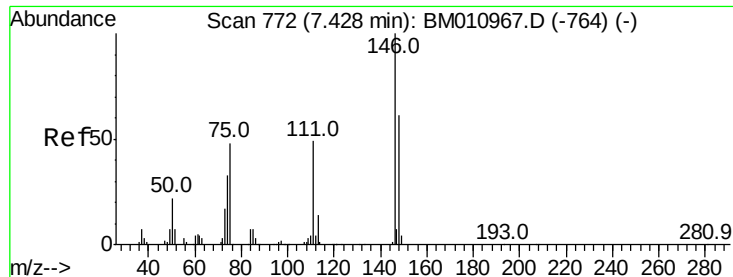
Sohil
8/3/2017 6:22:39 PM



#12
1,3-Dichlorobenzene
Concen: 30.125 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	395991		
148	66.6	50.9	76.3	
75	68.1	21.4	32.2	





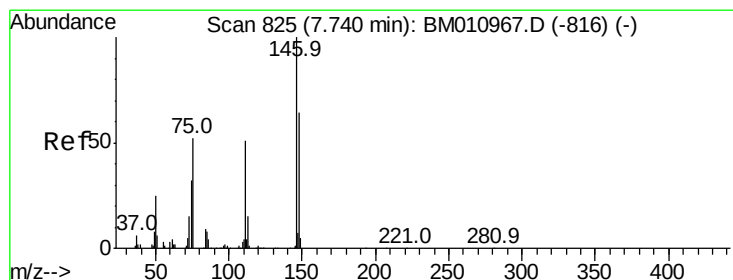
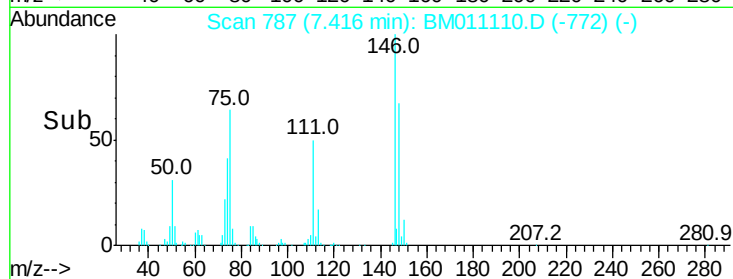
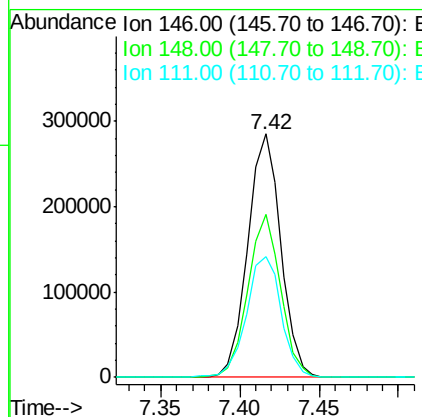
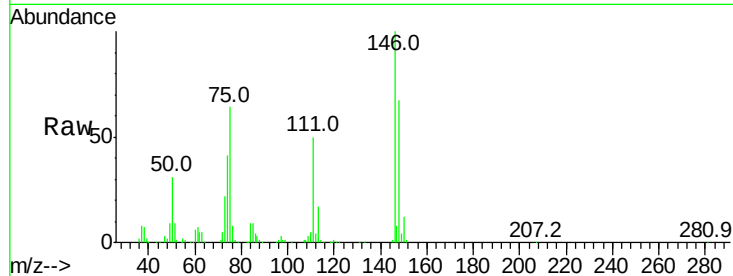
#13
 1,4-Dichlorobenzene
 Concen: 30.685 ng
 RT: 7.42 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.0	51.9	77.9
111	49.9	29.2	43.8

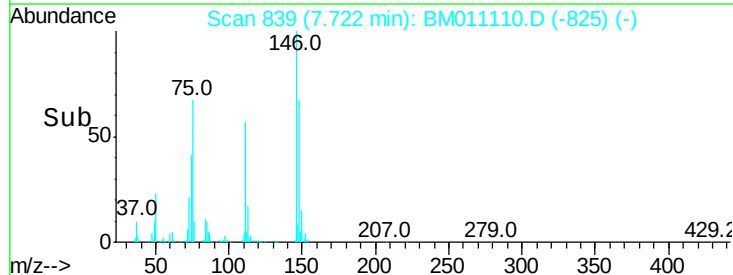
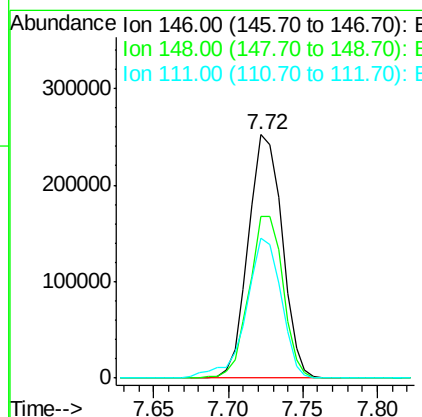
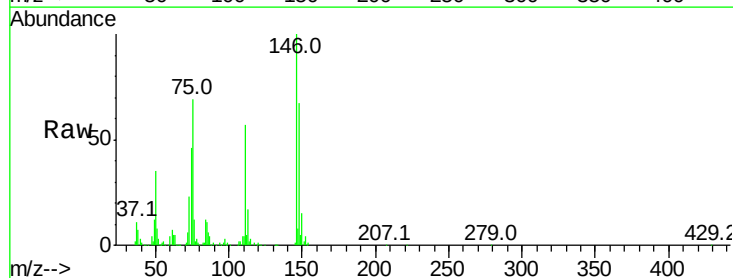
Manual Integrations
 APPROVED

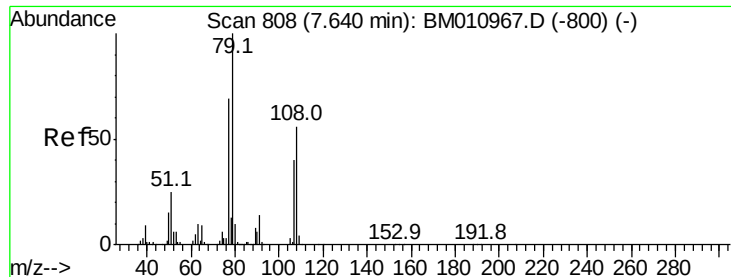
Sohil
 8/3/2017 6:22:39 PM



#14
 1,2-Dichlorobenzene
 Concen: 30.760 ng
 RT: 7.72 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.3	78.5
111	57.3	30.6	45.8





#15

Benzyl Alcohol

Concen: 38.055 ng

RT: 7.63 min Scan# 823

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

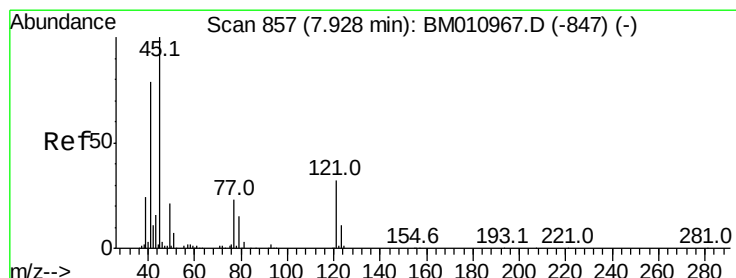
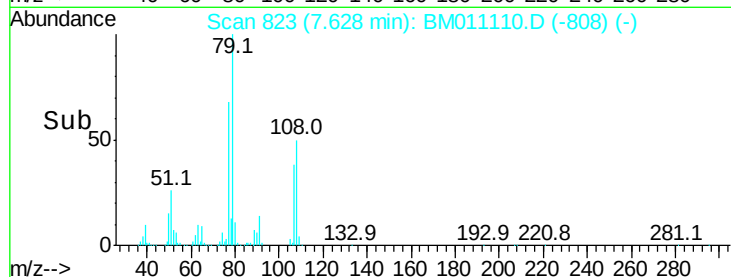
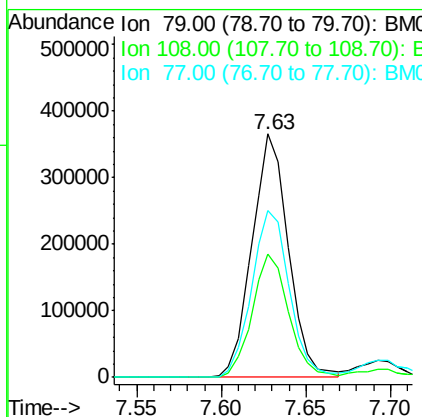
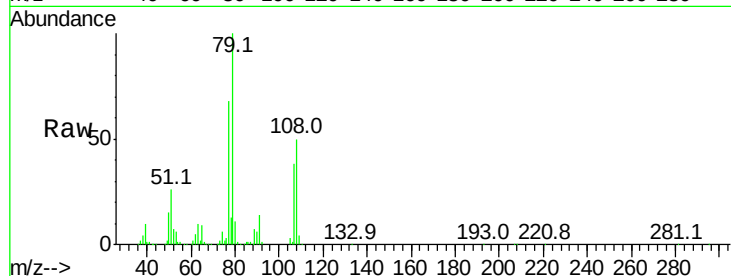
ClientSampleId :

72-11938MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	50.5	65.0	97.4#
77	68.4	53.0	79.6

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.155 ng

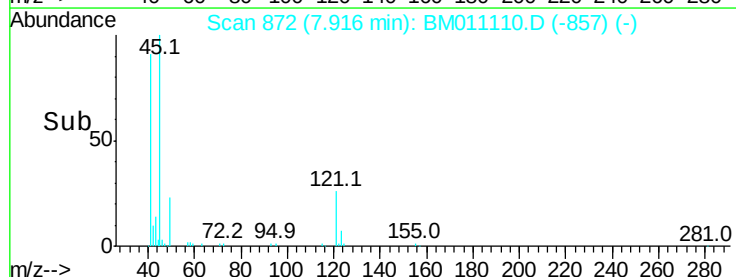
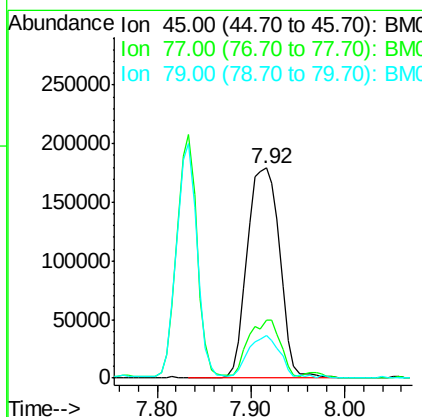
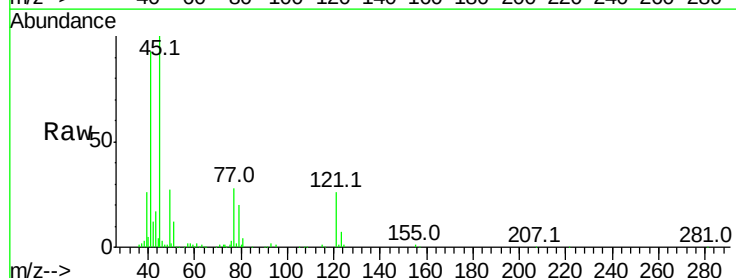
RT: 7.92 min Scan# 872

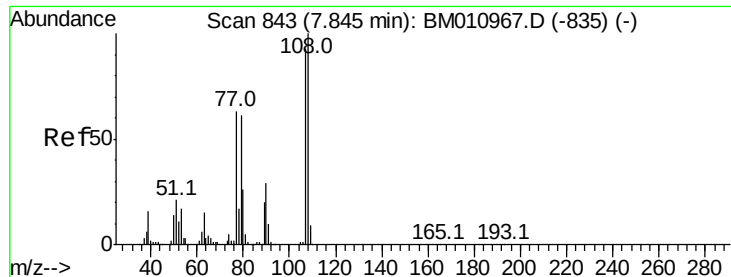
Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.5	0.0	35.2
79	20.4	0.0	32.0





#17

2-Methylphenol

Concen: 36.686 ng

RT: 7.83 min Scan# 858

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

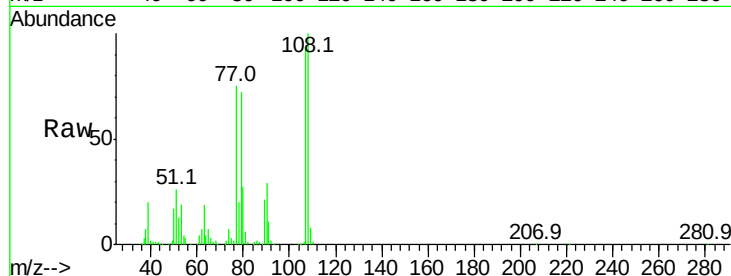
ClientSampleId :

72-11938MS

Tot Ion	107	Resp	384408
Ion Ratio	Lower	Upper	
107	100		
108	107.4	89.8	134.8
77	80.5	32.6	48.8#
79	77.8	32.8	49.2#

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM

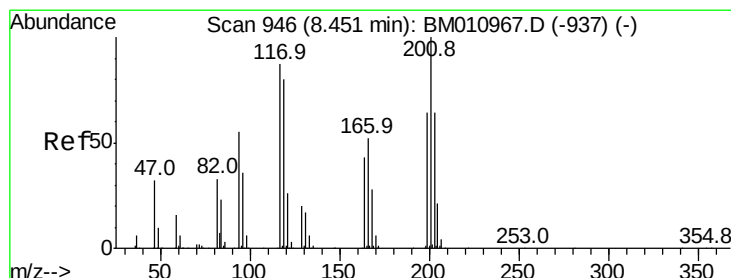
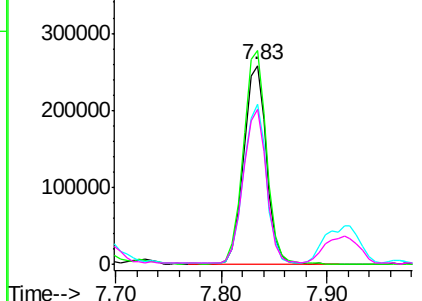
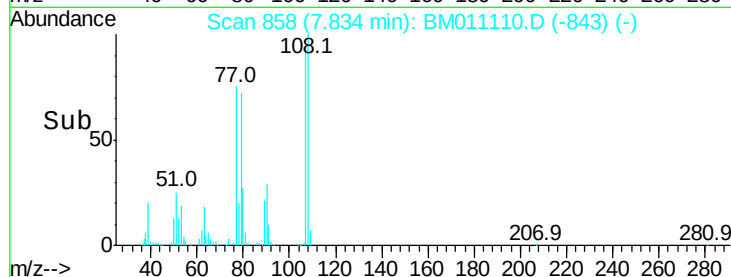


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.746 ng

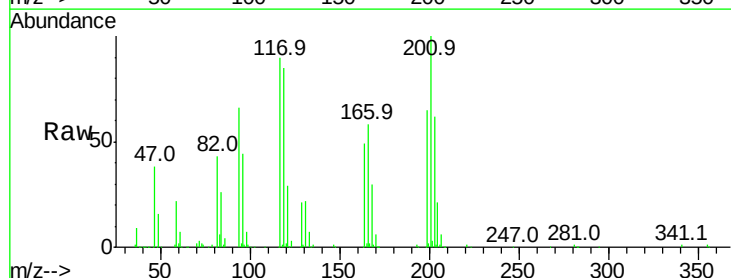
RT: 8.43 min Scan# 960

Delta R.T. -0.02 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

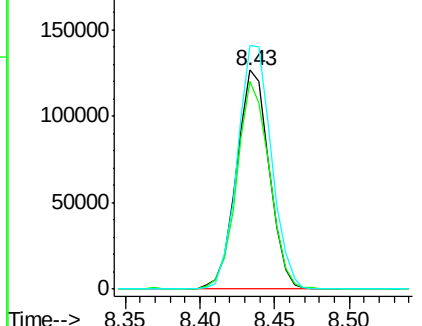
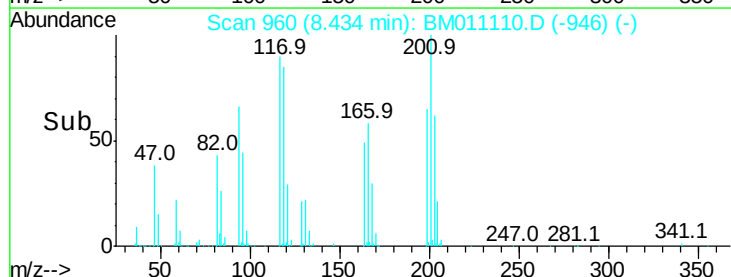
Tgt Ion	117	Resp	192415
Ion Ratio	Lower	Upper	
117	100		
119	94.7	79.2	118.8
201	111.1	69.8	104.6#

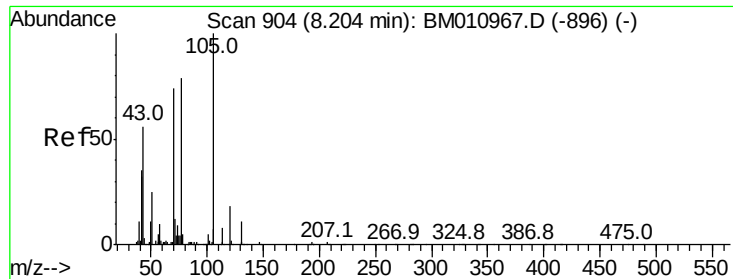


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





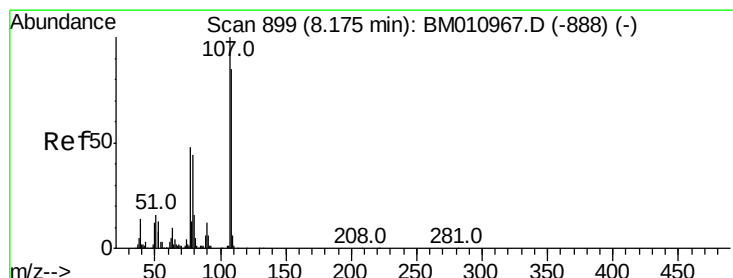
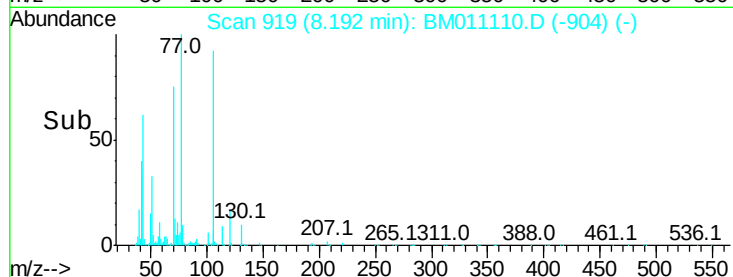
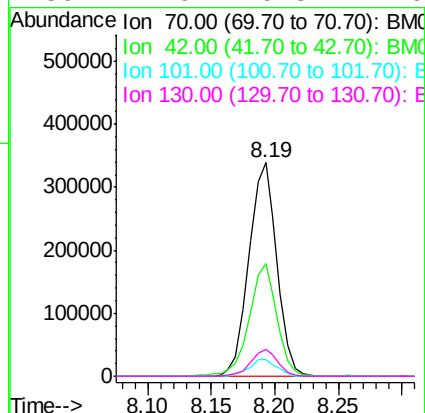
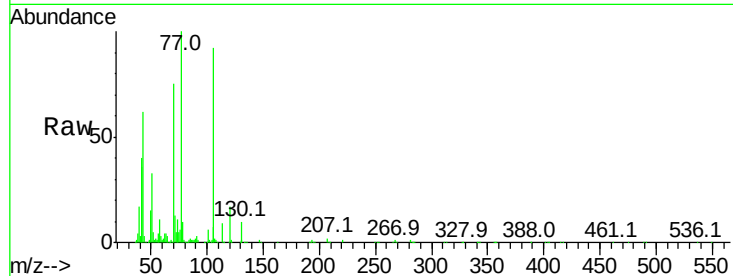
#19
n-Nitroso-di-n-propylamine
Concen: 40.374 ng
RT: 8.19 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Instrument :
BNA_M
ClientSampled :
72-11938MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.7	44.5	66.7
101	8.0	7.4	11.2
130	12.6	15.3	22.9#

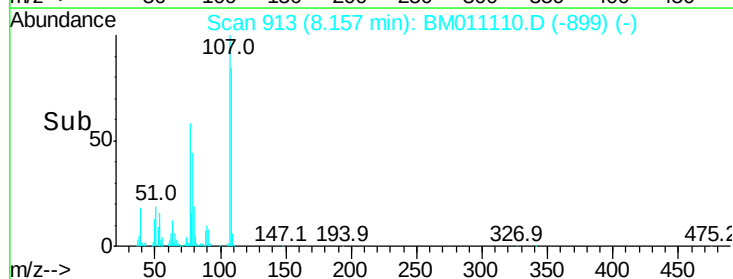
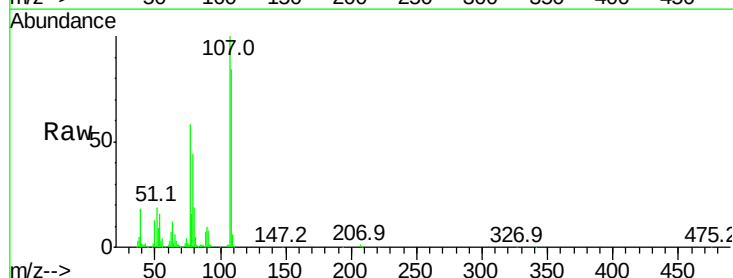
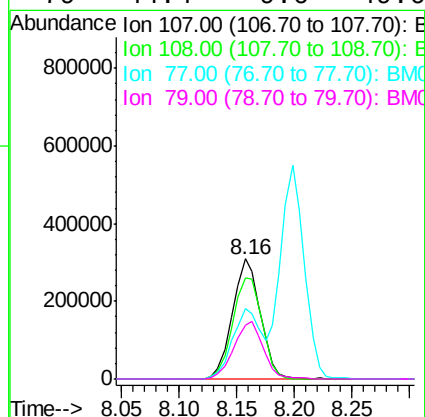
Manual Integrations
APPROVED

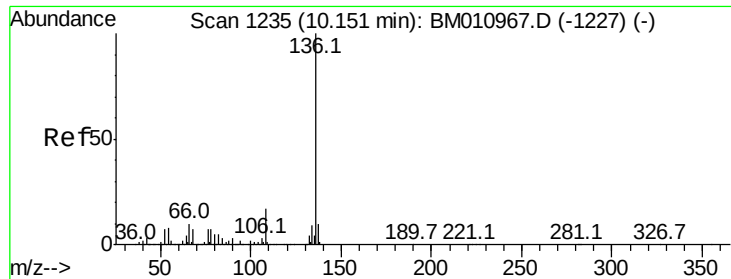
Sohil
8/3/2017 6:22:39 PM



#20
3+4-Methylphenols
Concen: 35.625 ng
RT: 8.16 min Scan# 913
Delta R.T. -0.02 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.0	73.2	113.2
77	58.1	10.7	50.7#
79	44.4	9.6	49.6





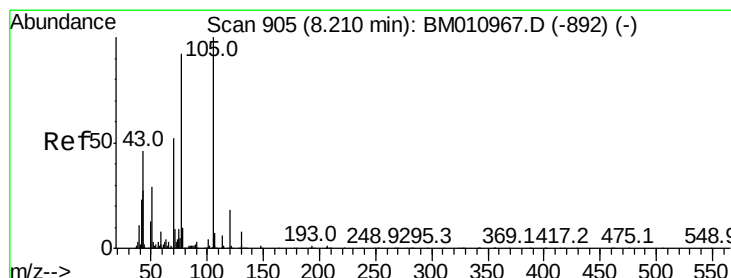
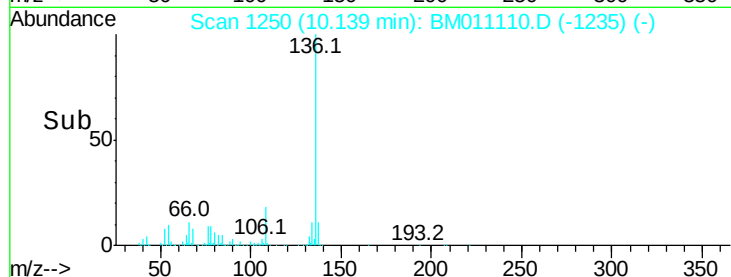
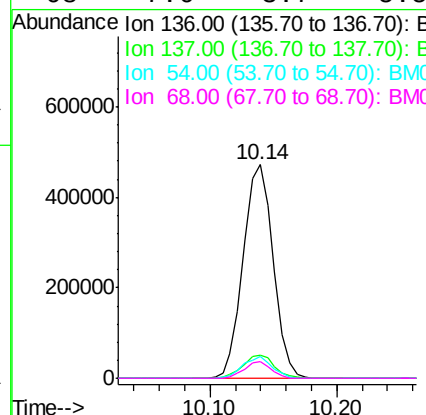
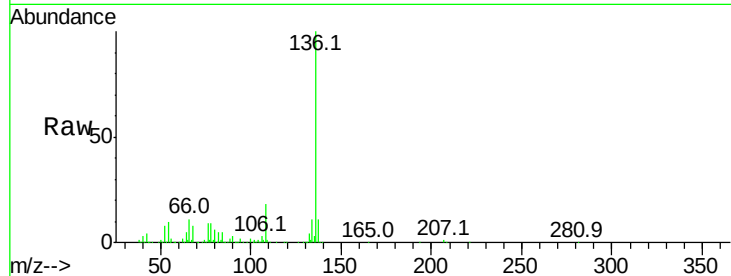
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.14 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Instrument :
BNA_M
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	775557		
137	10.7	8.7	13.1	
54	10.5	4.6	6.8#	
68	7.6	3.7	5.5#	

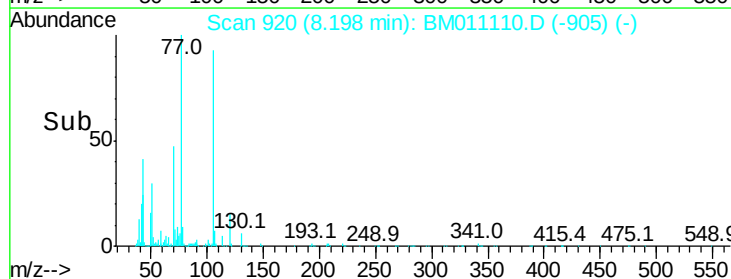
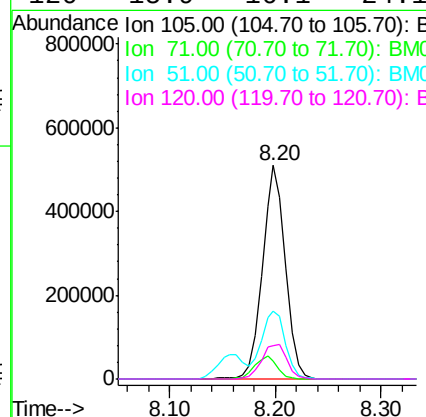
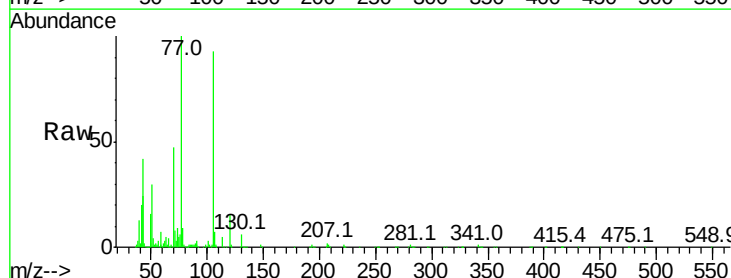
Manual Integrations
APPROVED

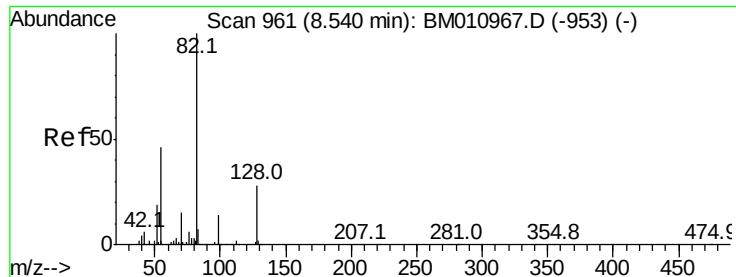
Sohil
8/3/2017 6:22:39 PM



#22
Acetophenone
Concen: 33.068 ng
RT: 8.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	768760		
71	8.6	0.6	1.0#	
51	31.8	21.6	32.4	
120	15.9	16.1	24.1#	





#23

Nitrobenzene-d5

Concen: 74.697 ng

RT: 8.53 min Scan# 976

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

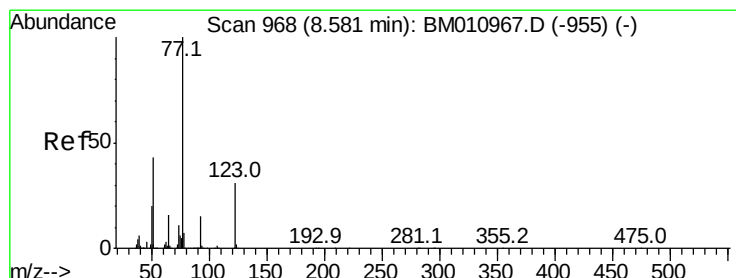
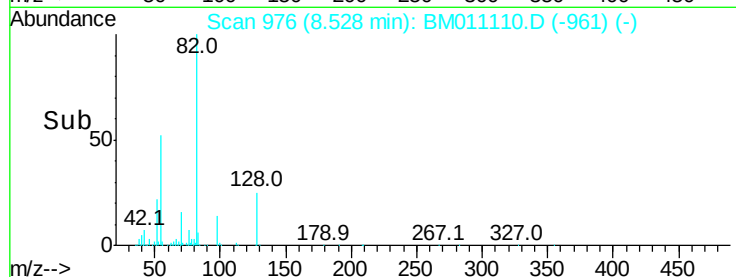
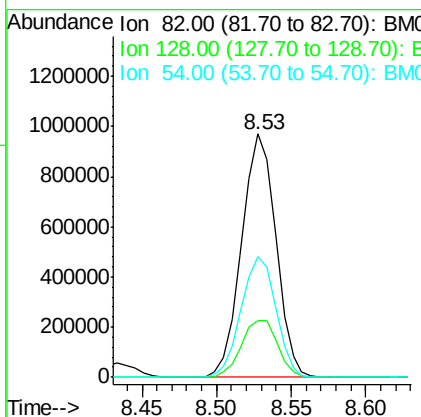
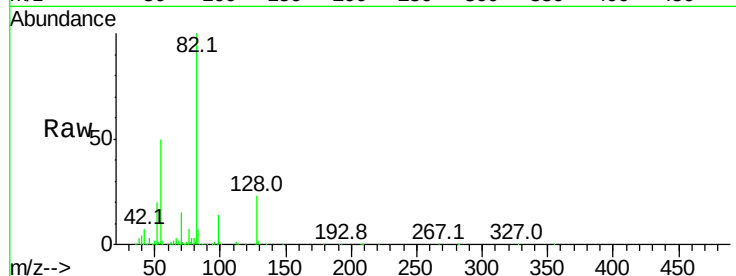
ClientSampleId :

72-11938MS

Tot Ion:	82	Resp:	1543553
Ion	Ratio	Lower	Upper
82	100		
128	23.3	32.8	49.2#
54	49.7	40.6	60.8

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#24

Nitrobenzene

Concen: 35.989 ng

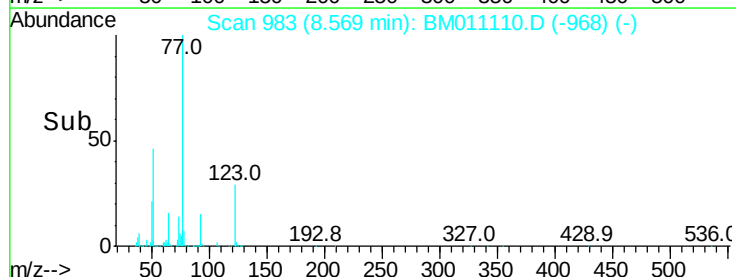
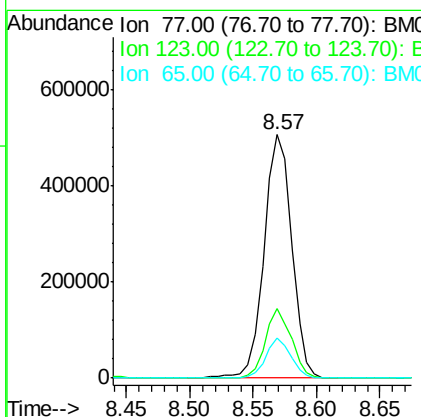
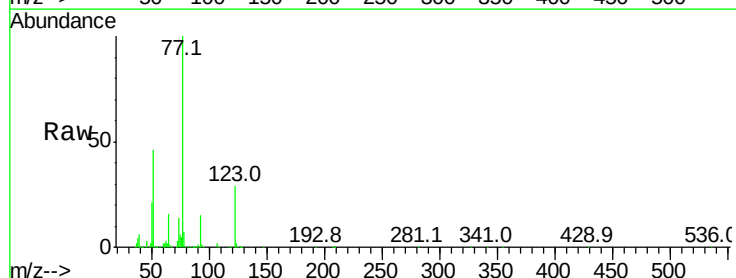
RT: 8.57 min Scan# 983

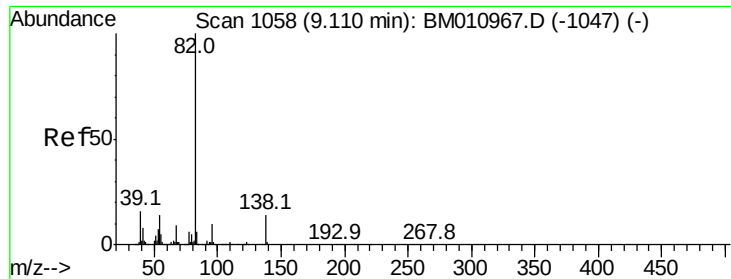
Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion:	77	Resp:	770636
Ion	Ratio	Lower	Upper
77	100		
123	28.7	32.6	49.0#
65	16.3	10.9	16.3#





#25

Isophorone

Concen: 36.844 ng

RT: 9.09 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

ClientSampled :

72-11938MS

Tot Ion: 82 Resp: 1269430

Ion Ratio Lower Upper

82 100

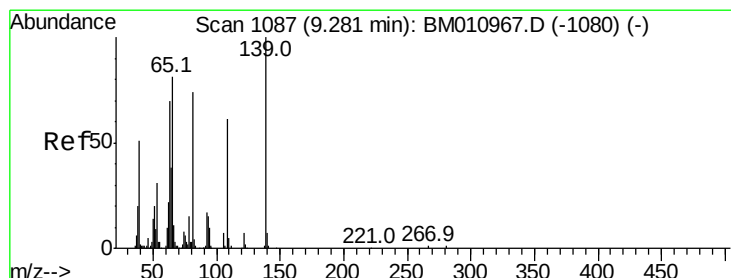
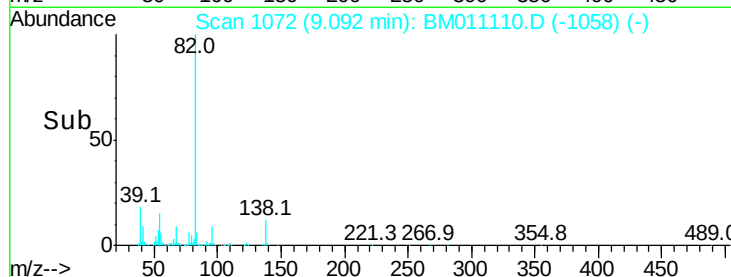
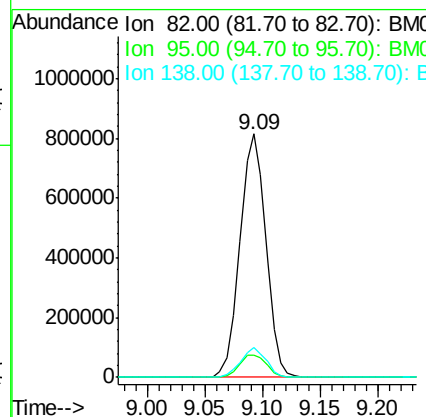
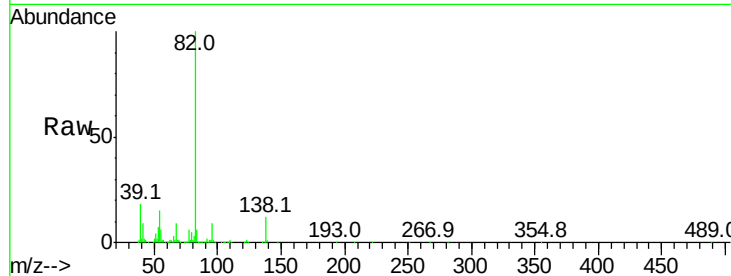
95 9.3 5.8 8.6#

138 12.1 16.3 24.5#

Manual Integrations
APPROVED

Sohil

8/3/2017 6:22:39 PM



#26

2-Nitrophenol

Concen: 32.125 ng

RT: 9.27 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

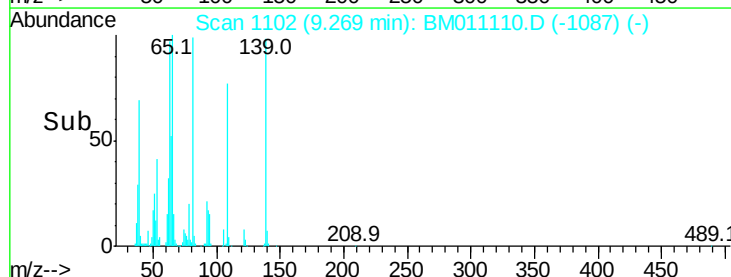
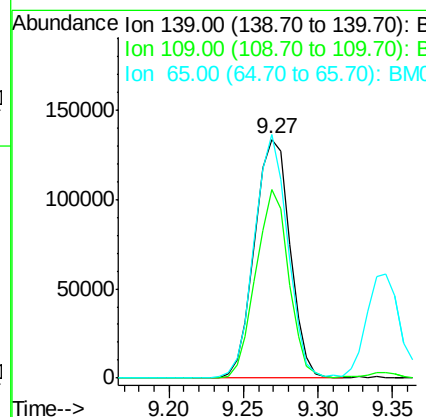
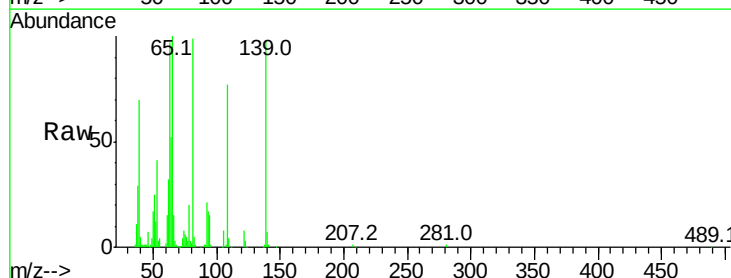
Tgt Ion: 139 Resp: 218879

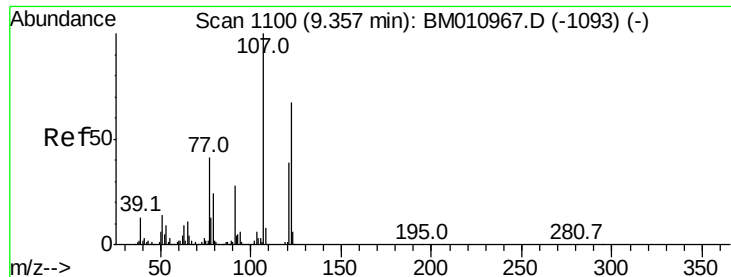
Ion Ratio Lower Upper

139 100

109 78.7 20.1 30.1#

65 101.9 31.5 47.3#





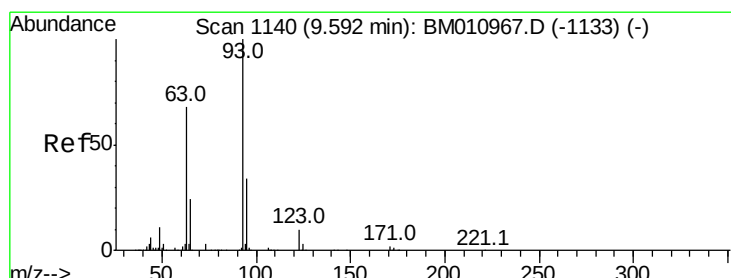
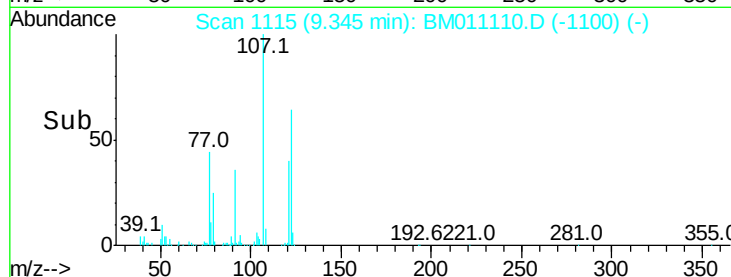
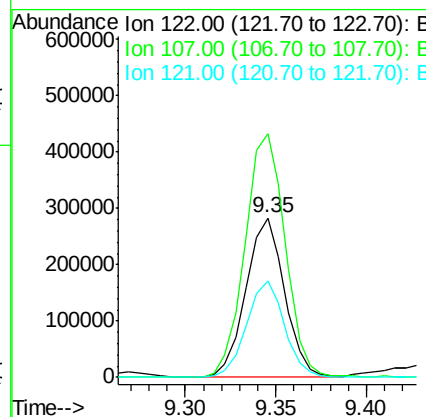
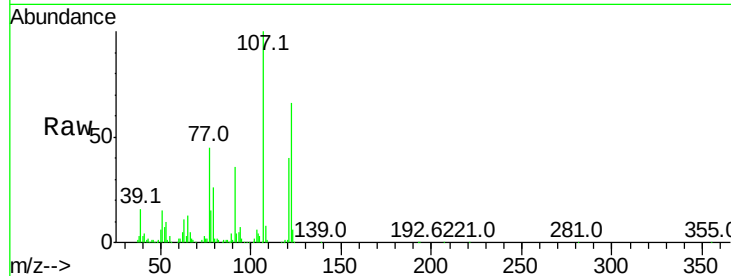
#27
 2,4-Dimethylphenol
 Concen: 35.060 ng
 RT: 9.35 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	152.6	84.7	127.1#
121	60.6	46.6	69.8

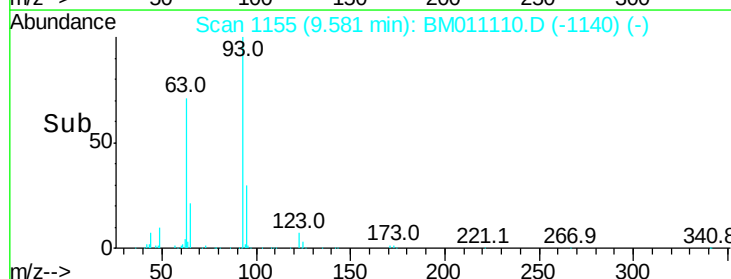
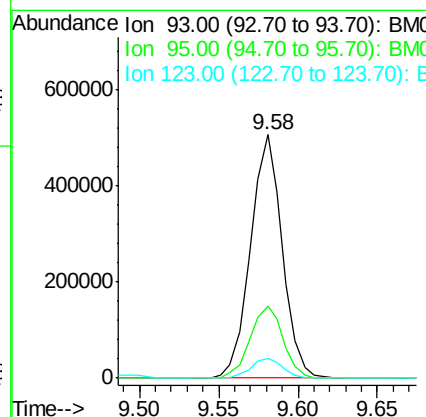
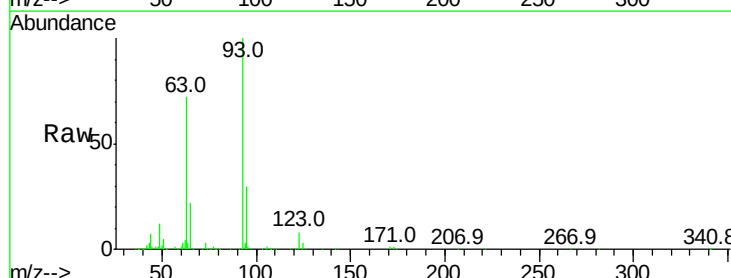
Manual Integrations
 APPROVED

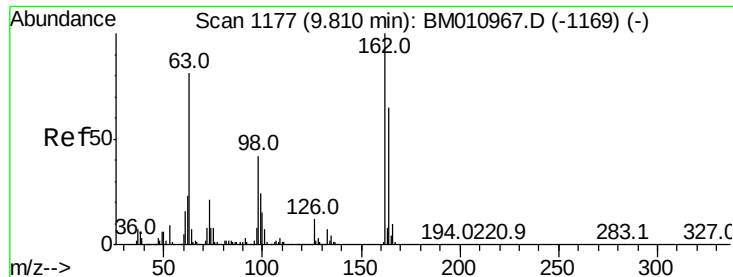
Sohil
 8/3/2017 6:22:39 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.507 ng
 RT: 9.58 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	29.6	25.5	38.3
123	8.1	8.6	13.0#





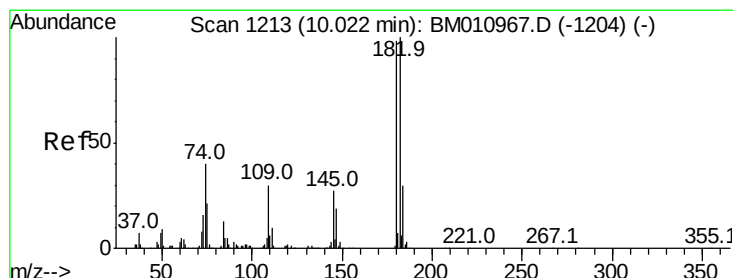
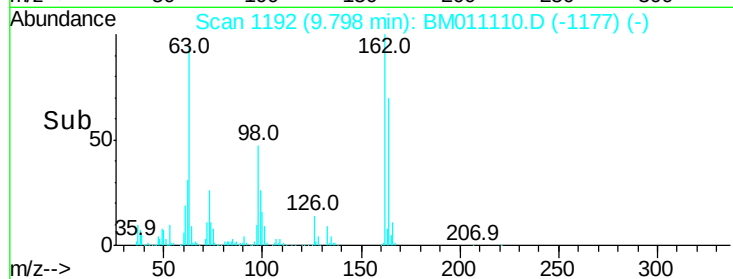
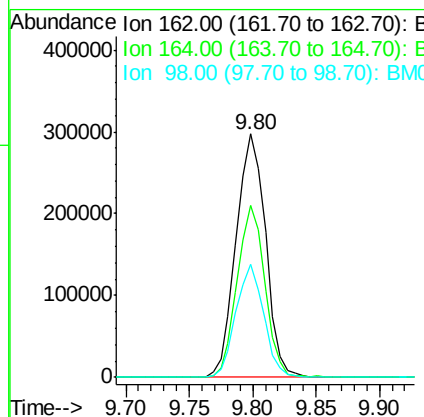
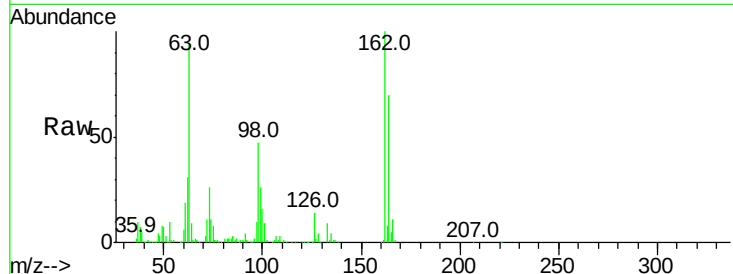
#29
 2,4-Dichlorophenol
 Concen: 35.681 ng
 RT: 9.80 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	70.5	42.8	82.8
98	46.7	14.5	54.5

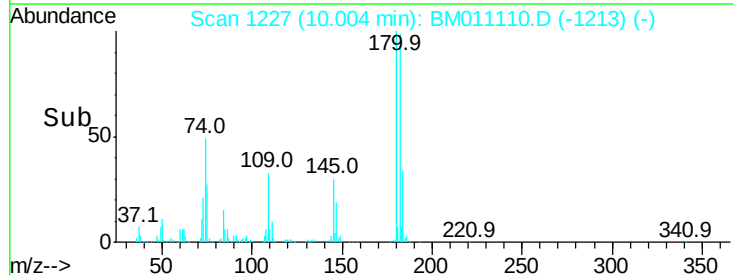
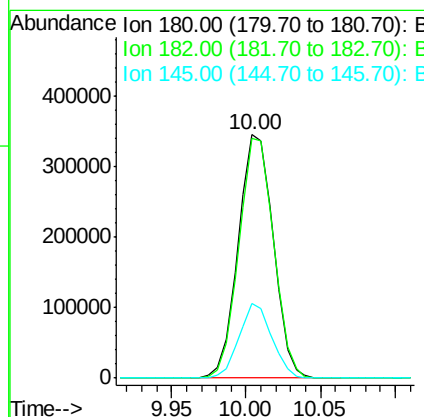
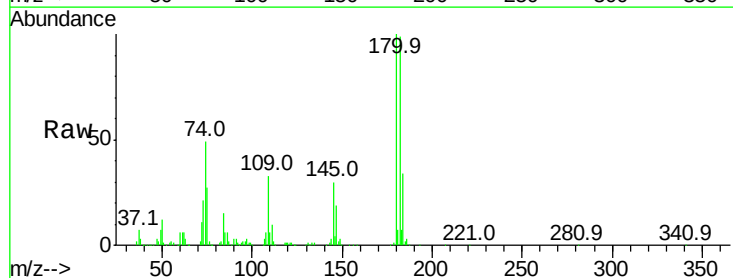
Manual Integrations
 APPROVED

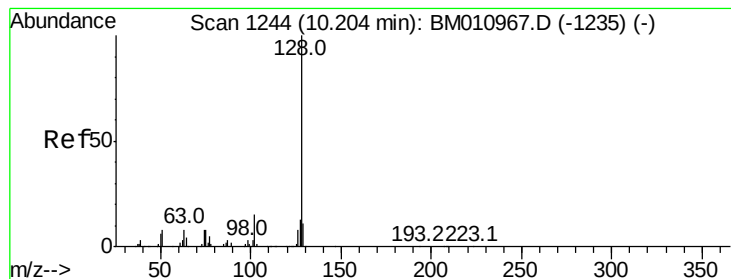
Sohil
 8/3/2017 6:22:39 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 33.724 ng
 RT: 10.00 min Scan# 1227
 Delta R.T. -0.02 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.7	77.6	116.4
145	30.4	23.4	35.2





#31

Naphthalene

Concen: 33.655 ng

RT: 10.19 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

ClientSampled :

72-11938MS

Tot Ion:128 Resp: 1313083

Ion Ratio Lower Upper

128 100

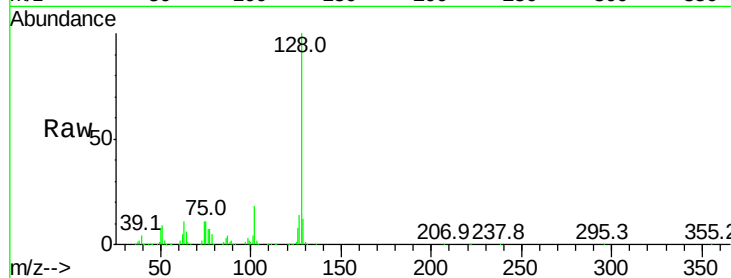
129 11.7 8.9 13.3

127 14.2 10.4 15.6

Manual Integrations
APPROVED

Sohil

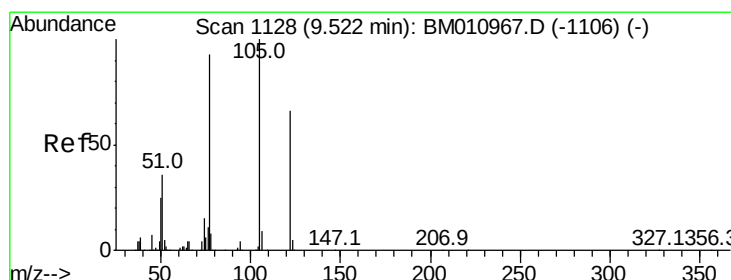
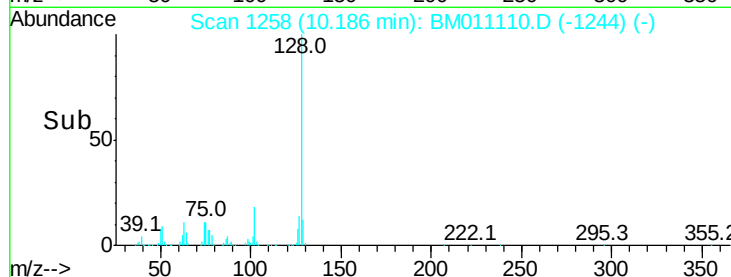
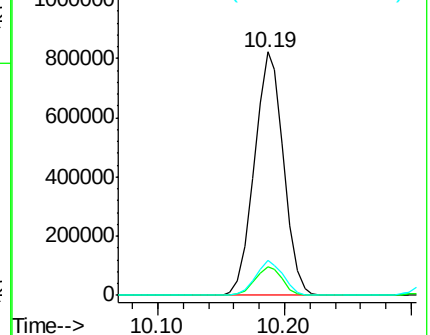
8/3/2017 6:22:39 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.240 ng

RT: 9.49 min Scan# 1140

Delta R.T. -0.03 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

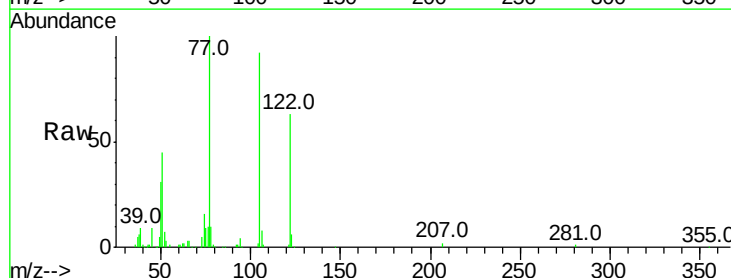
Tgt Ion:122 Resp: 272257

Ion Ratio Lower Upper

122 100

105 145.8 99.9 139.9#

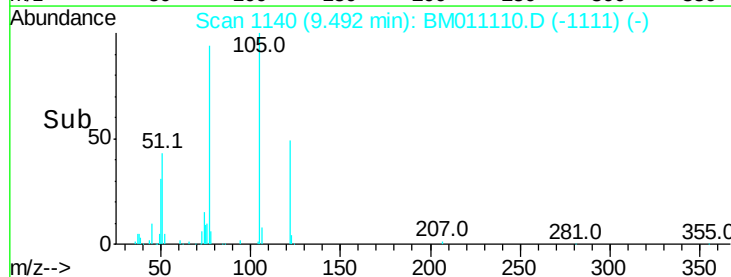
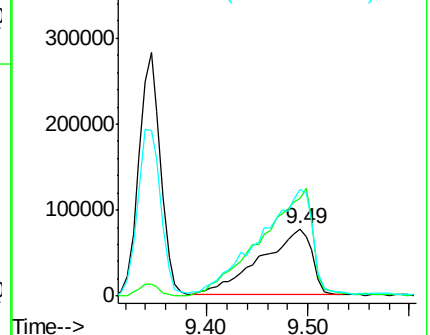
77 157.8 73.7 113.7#

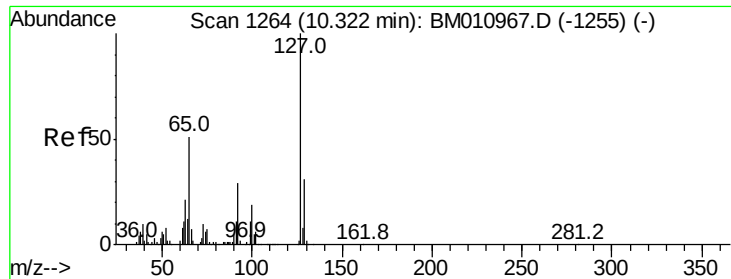


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM





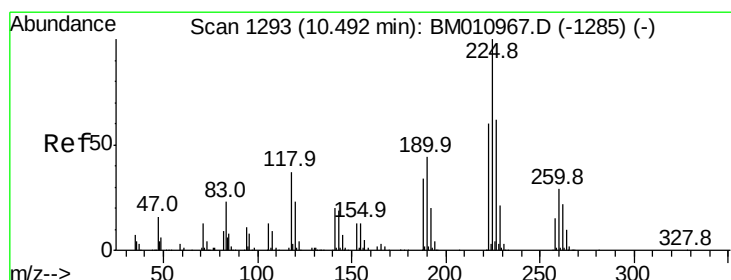
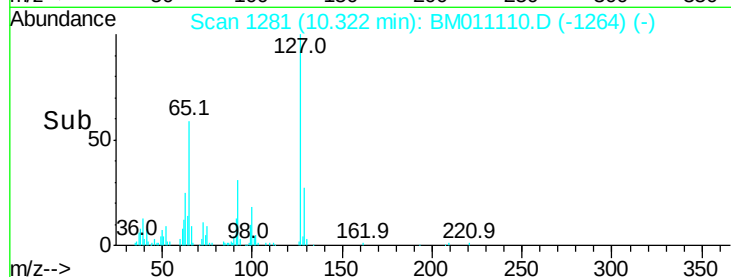
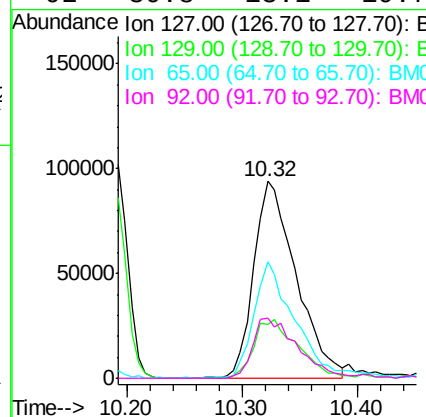
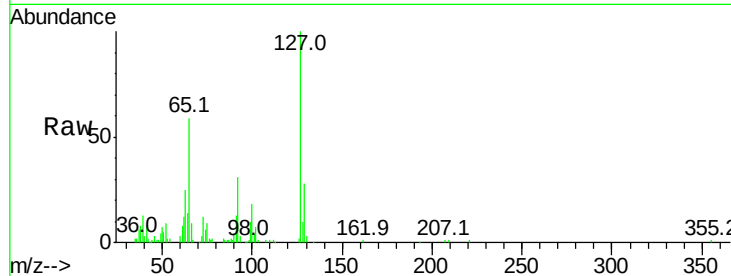
#33
 4-Chloroaniline
 Concen: 15.452 ng
 RT: 10.32 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	27.5	25.3	37.9	
65	58.9	17.6	26.4	
92	30.8	13.1	19.7	

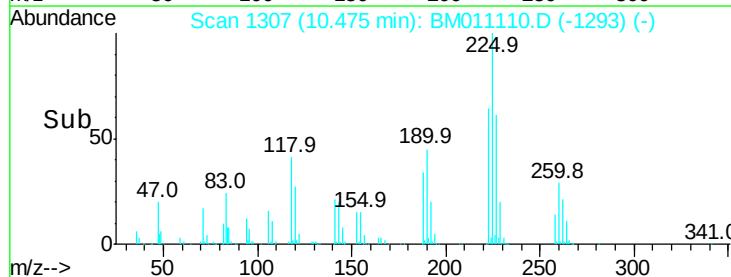
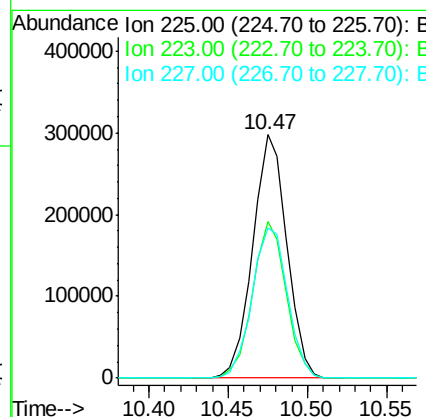
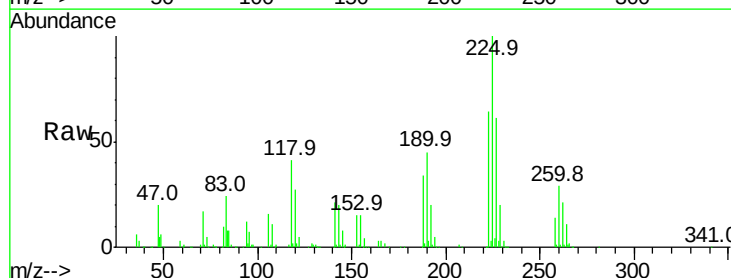
Manual Integrations
 APPROVED

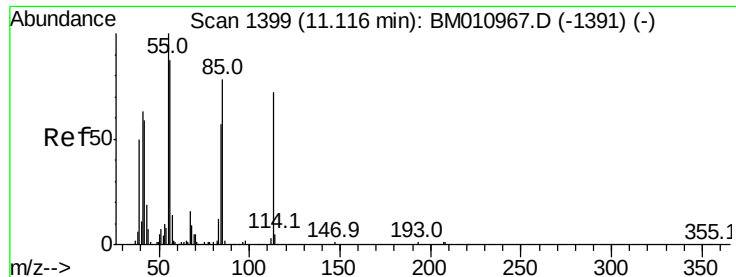
Sohil
 8/3/2017 6:22:39 PM



#34
 Hexachlorobutadiene
 Concen: 33.895 ng
 RT: 10.47 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	47.9	71.9	
227	61.5	50.1	75.1	





#35

Caprolactam

Concen: 28.415 ng/mL

RT: 11.10 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

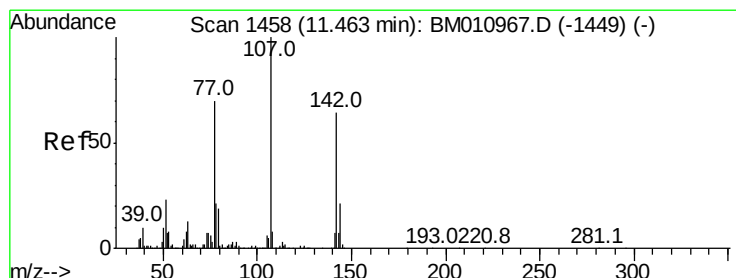
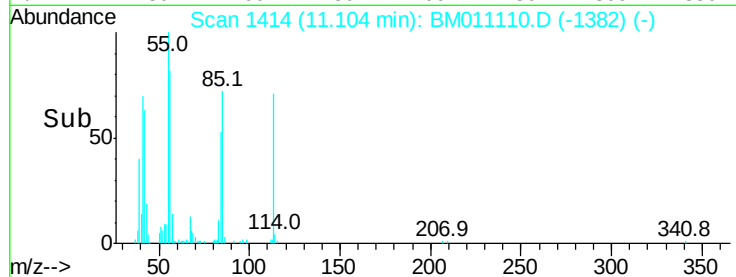
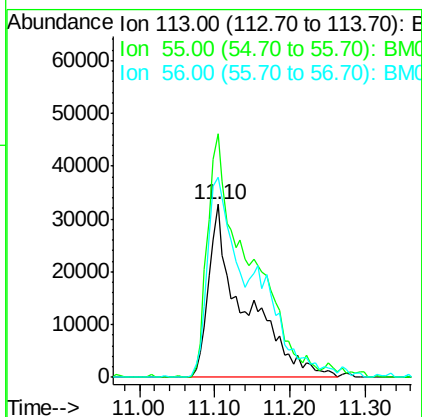
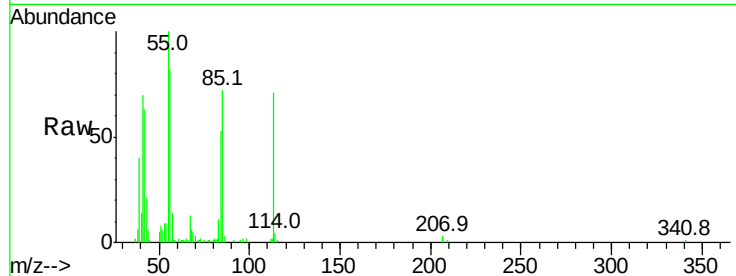
ClientSampleId :

72-11938MS

Tot Ion:	113	Resp:	108607
Ion Ratio	Lower	Upper	
113	100		
55	140.7	145.9	185.9#
56	115.7	101.0	141.0

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#36

4-Chloro-3-methylphenol

Concen: 35.984 ng/mL

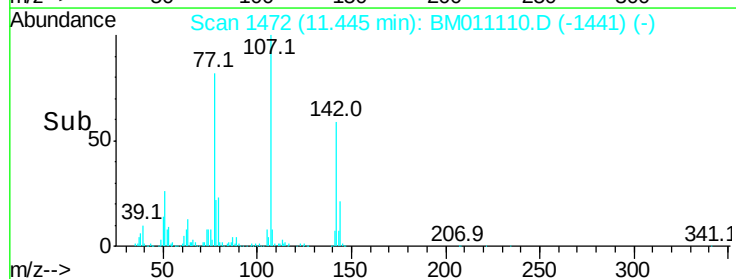
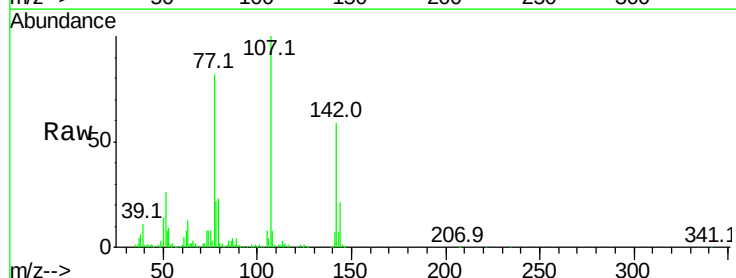
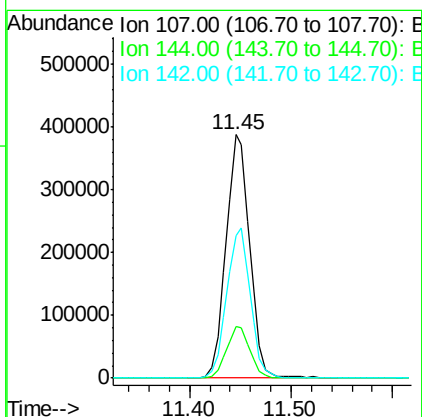
RT: 11.45 min Scan# 1472

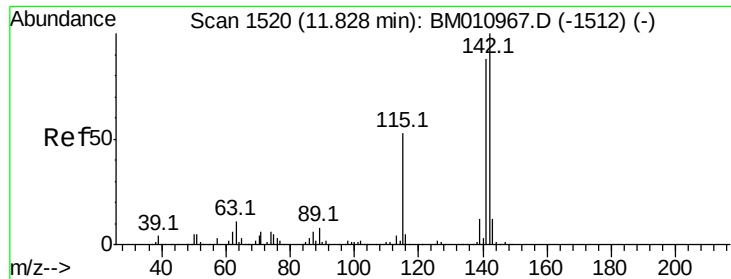
Delta R.T. -0.02 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion:	107	Resp:	626234
Ion Ratio	Lower	Upper	
107	100		
144	21.1	23.3	34.9#
142	58.7	72.6	109.0#





#37

2-Methylnaphthalene

Concen: 38.746 ng

RT: 11.81 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

ClientSampleId :

72-11938MS

Tot Ion:142 Resp: 1110530

Ion Ratio Lower Upper

142 100

141 88.1 71.9 107.9

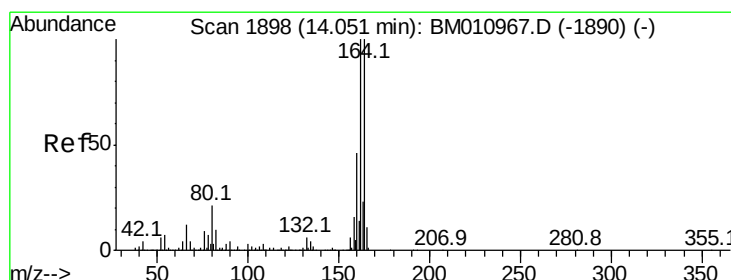
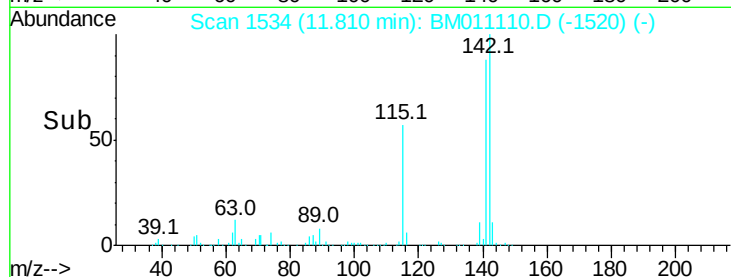
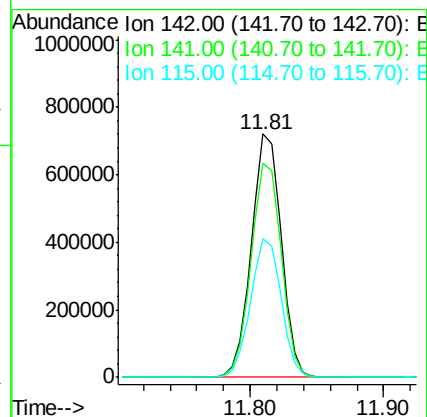
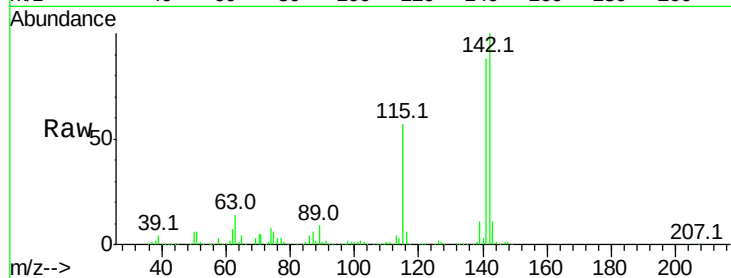
115 57.1 25.4 38.0#

Manual Integrations

APPROVED

Sohil

8/3/2017 6:22:39 PM



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

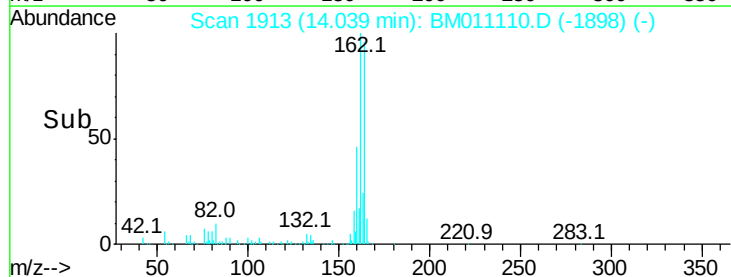
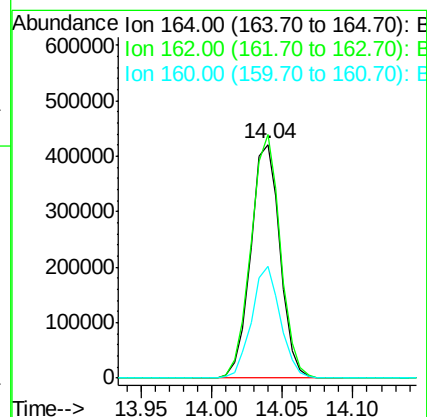
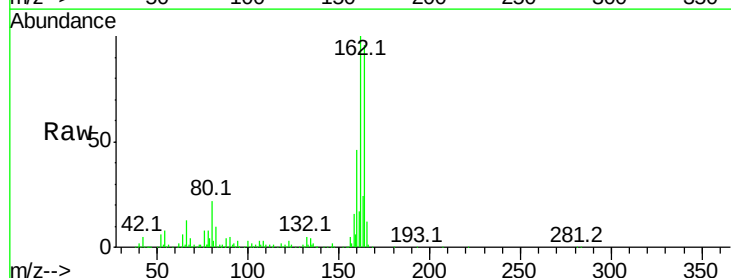
Tgt Ion:164 Resp: 611937

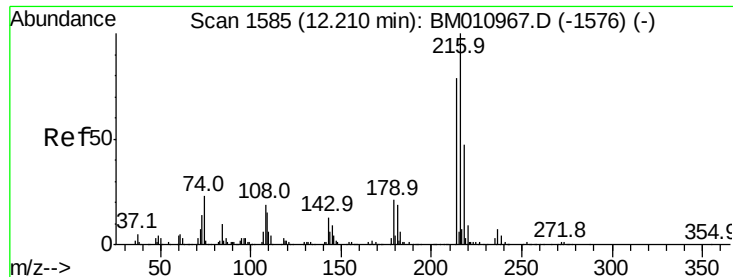
Ion Ratio Lower Upper

164 100

162 104.2 82.4 123.6

160 48.0 35.8 53.6





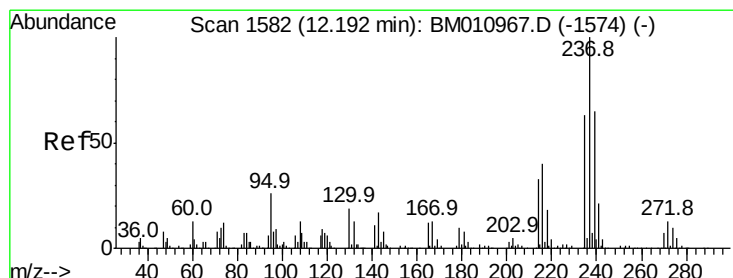
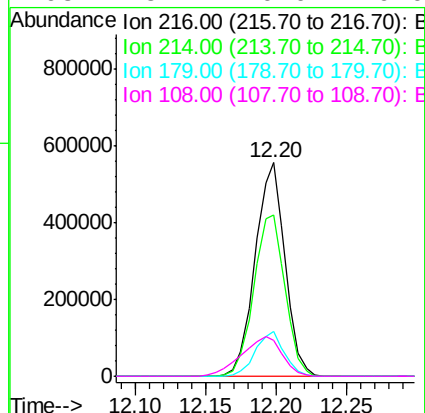
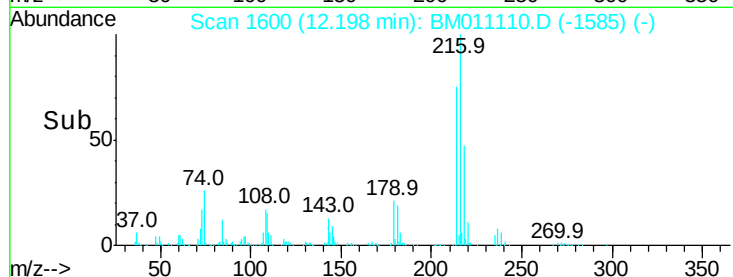
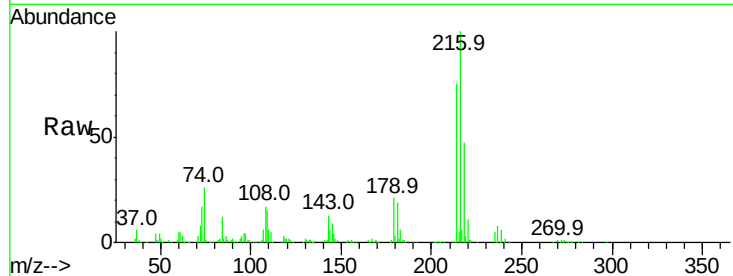
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.316 ng
 RT: 12.20 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	823324		
214	78.7	0.0	0.0#	
179	20.3	0.0	0.0#	
108	25.2	0.0	0.0#	

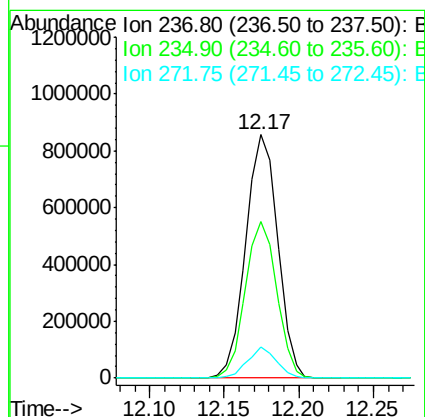
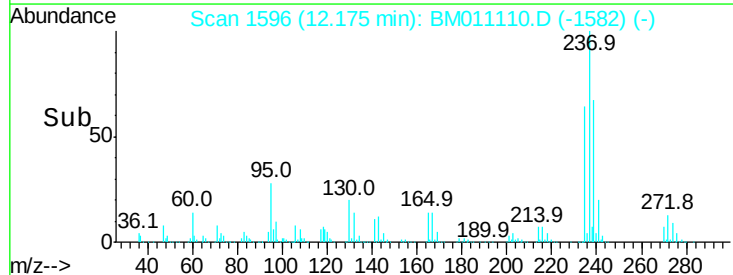
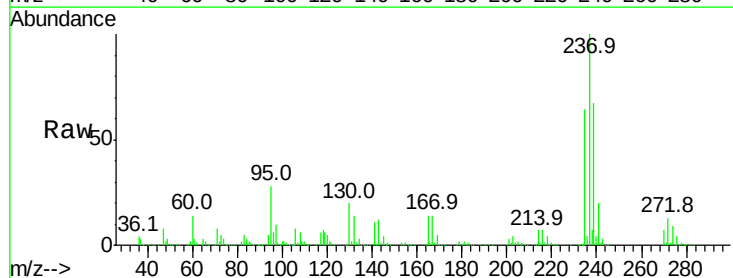
Manual Integrations
 APPROVED

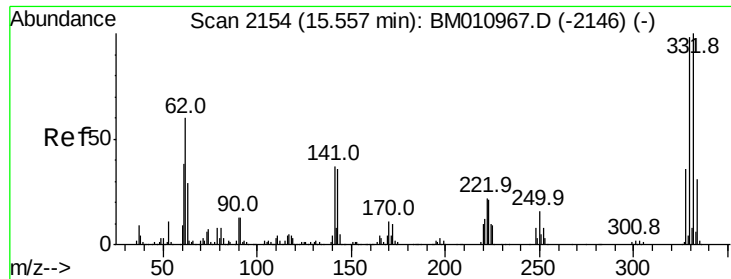
Sohil
 8/3/2017 6:22:39 PM



#40
 Hexachlorocyclopentadiene
 Concen: 82.879 ng
 RT: 12.17 min Scan# 1596
 Delta R.T. -0.02 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	1269652		
235	64.4	42.0	82.0	
272	12.6	0.0	33.4	





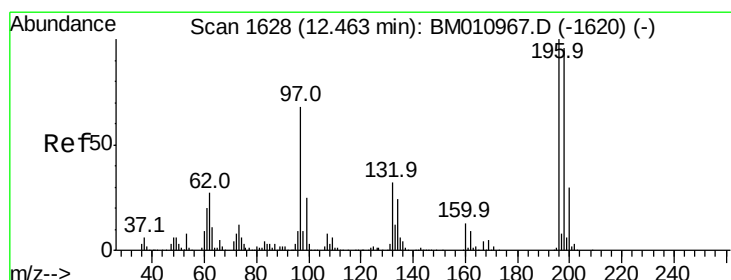
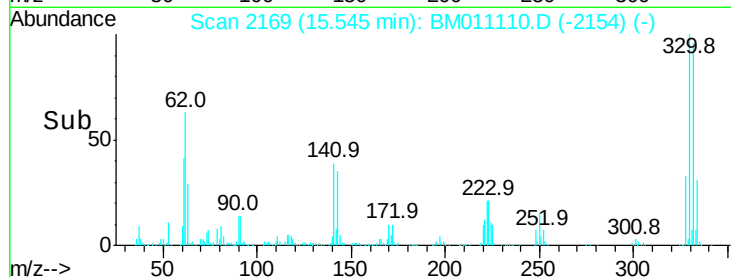
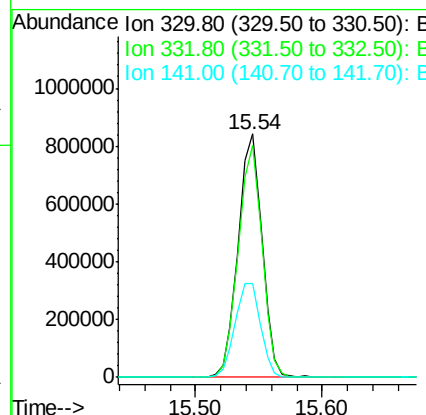
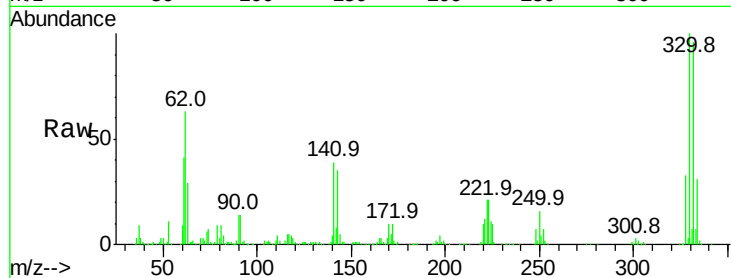
#41
 2,4,6-Tribromophenol
 Concen: 111.726 ng
 RT: 15.54 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	41.4	0.0	0.0#

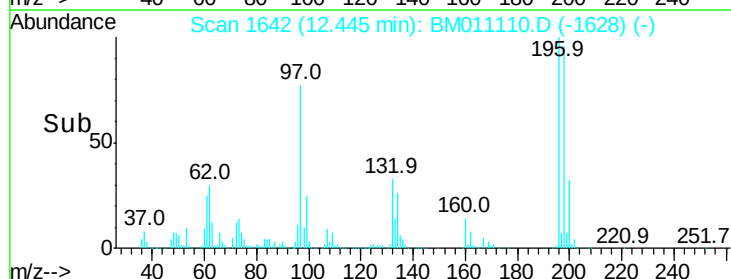
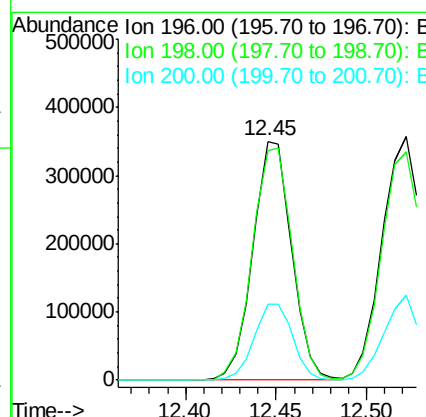
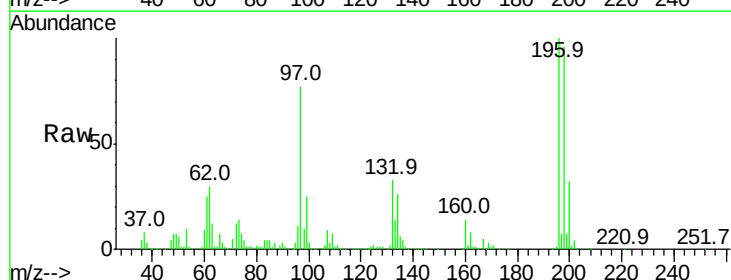
Manual Integrations
 APPROVED

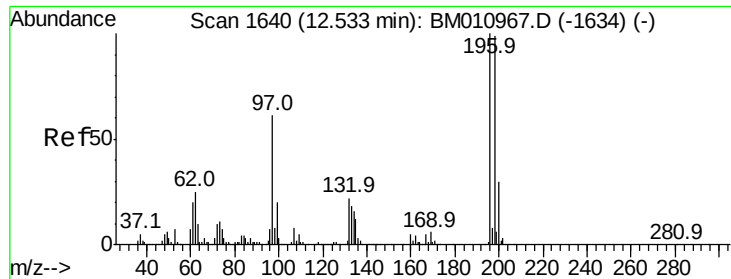
Sohil
 8/3/2017 6:22:39 PM



#42
 2,4,6-Trichlorophenol
 Concen: 32.757 ng
 RT: 12.45 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.3	114.5
200	32.0	25.6	38.4





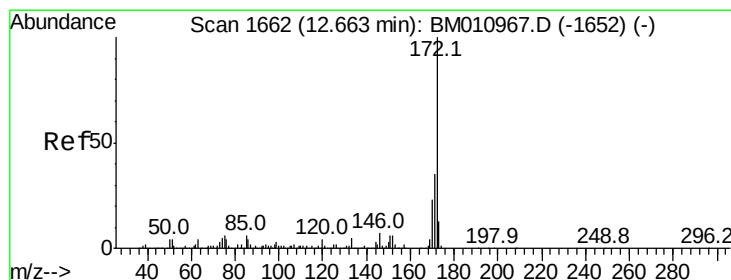
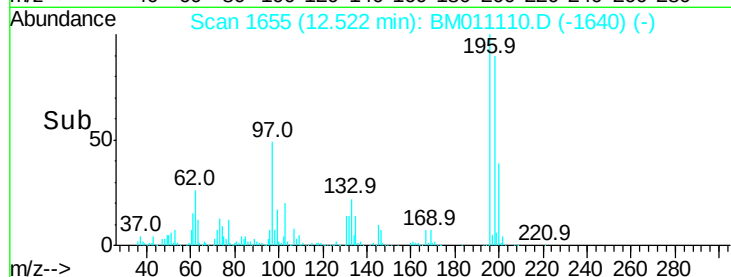
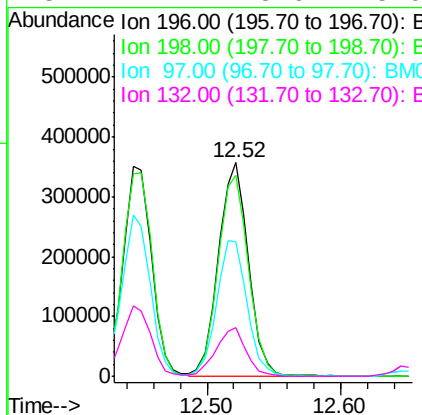
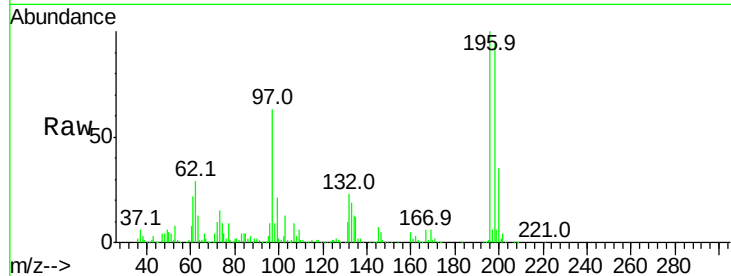
#43
 2,4,5-Trichlorophenol
 Concen: 34.365 ng
 RT: 12.52 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	563222		
198	94.0	79.4	119.0	
97	63.1	26.8	40.2	
132	22.7	18.6	28.0	

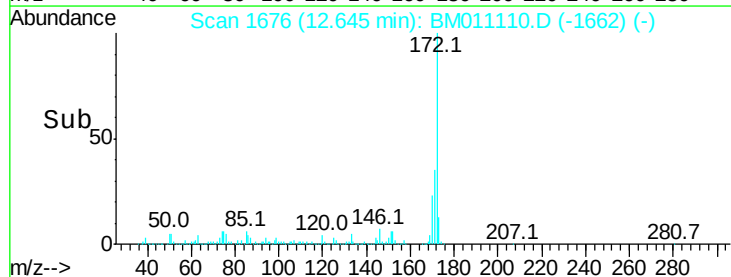
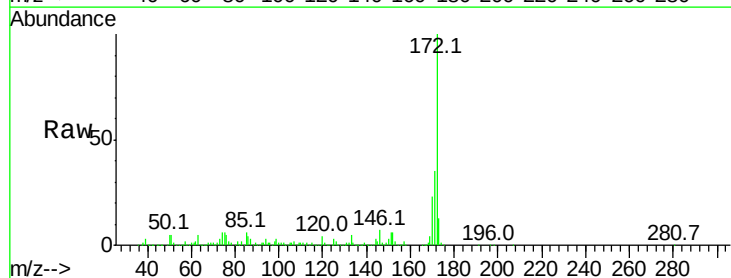
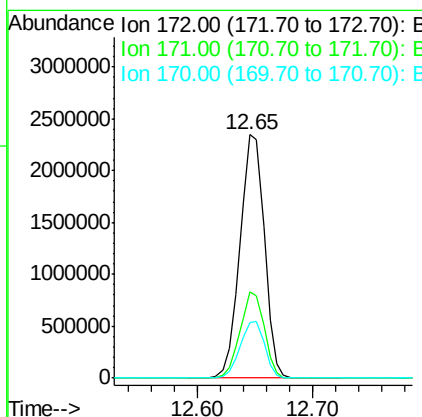
Manual Integrations
 APPROVED

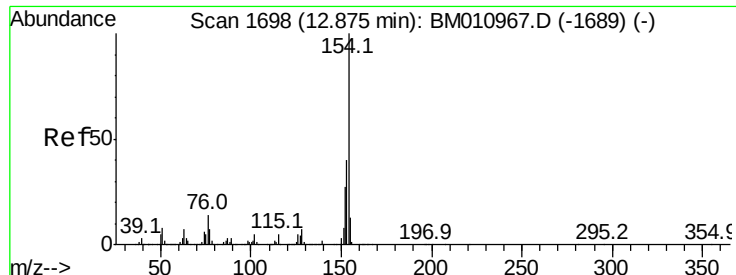
Sohil
 8/3/2017 6:22:39 PM



#44
 2-Fluorobiphenyl
 Concen: 70.395 ng
 RT: 12.65 min Scan# 1676
 Delta R.T. -0.02 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3434824		
171	35.3	28.5	42.7	
170	23.0	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 31.125 ng

RT: 12.86 min Scan# 1712

Delta R.T. -0.02 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

ClientSampleId :

72-11938MS

Tot Ion:154 Resp: 1646916

Ion Ratio Lower Upper

154 100

153 40.1 20.7 60.7

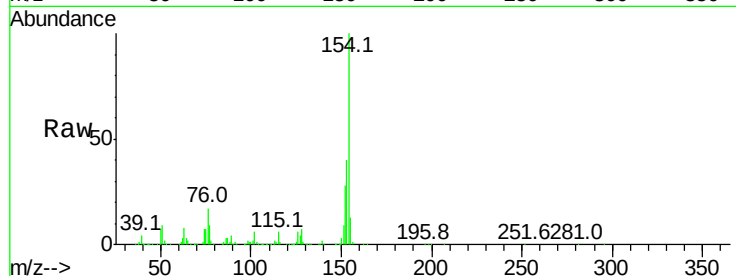
76 16.6 0.0 30.9

Manual Integrations

APPROVED

Sohil

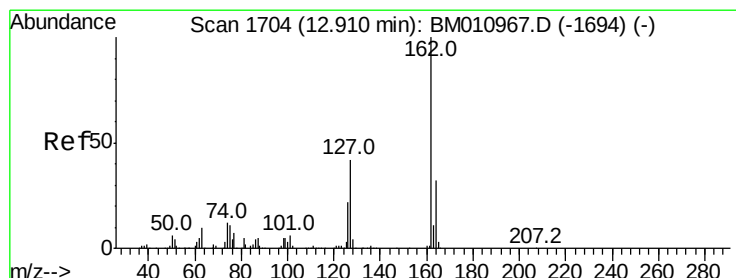
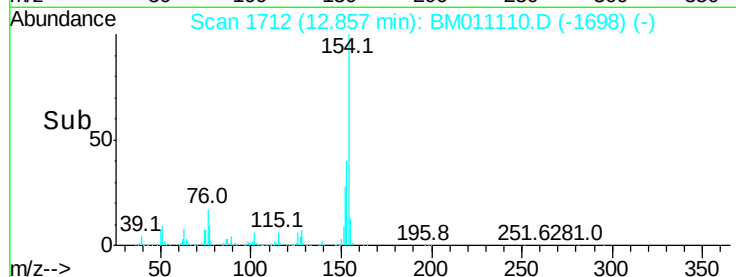
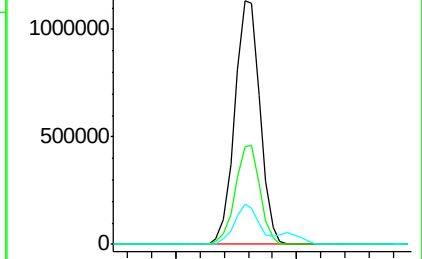
8/3/2017 6:22:39 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 33.051 ng

RT: 12.89 min Scan# 1718

Delta R.T. -0.02 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

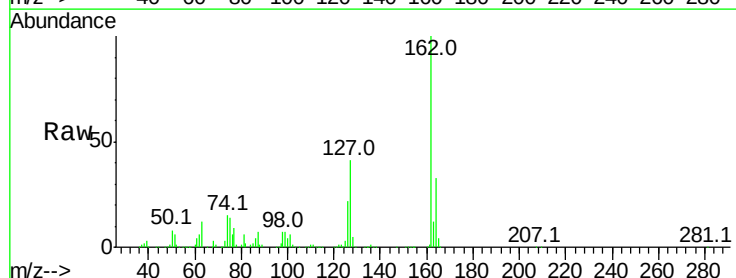
Tgt Ion:162 Resp: 1288500

Ion Ratio Lower Upper

162 100

127 40.7 26.9 40.3#

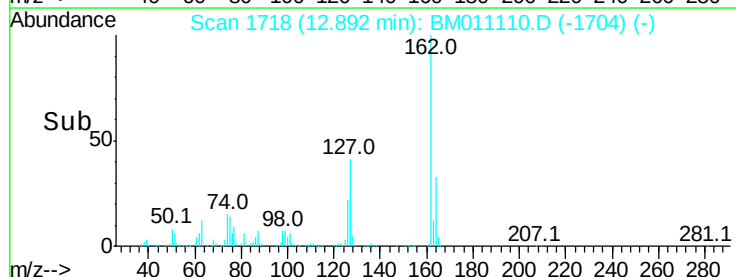
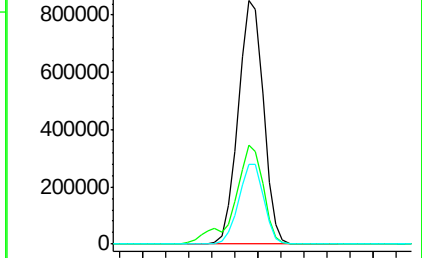
164 32.9 26.8 40.2

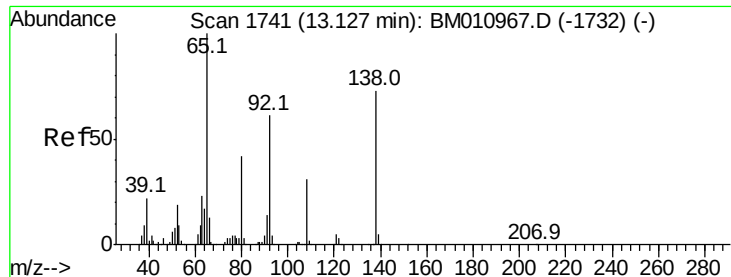


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.927 ng

RT: 13.12 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

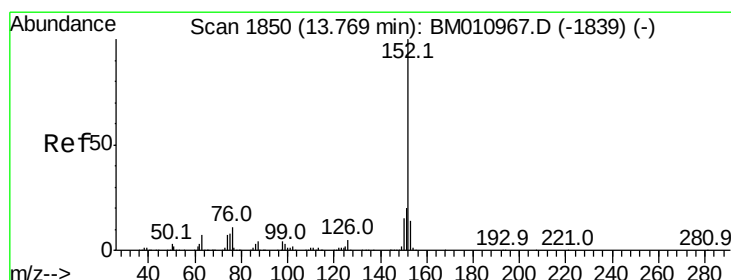
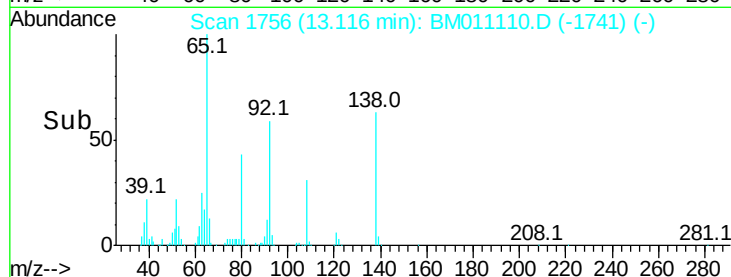
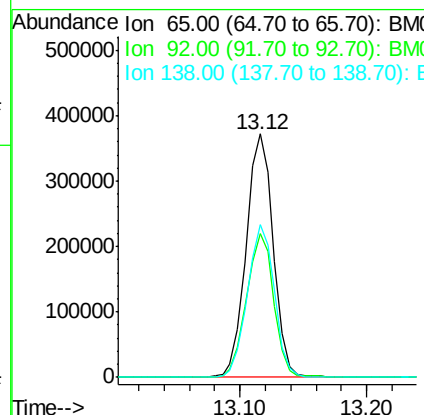
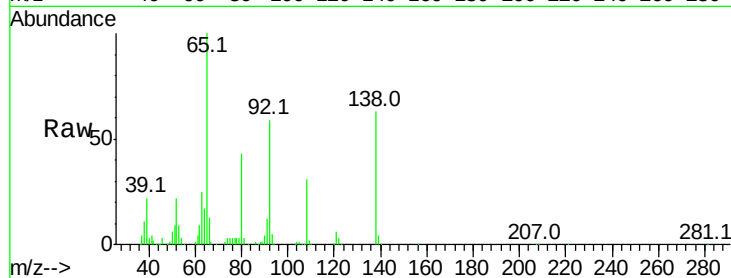
ClientSampleId :

72-11938MS

Tot Ion:	65	Resp:	550681
Ion Ratio	Lower	Upper	
65	100		
92	59.2	59.1	88.7
138	62.8	93.9	140.9#

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#48

Acenaphthylene

Concen: 33.995 ng

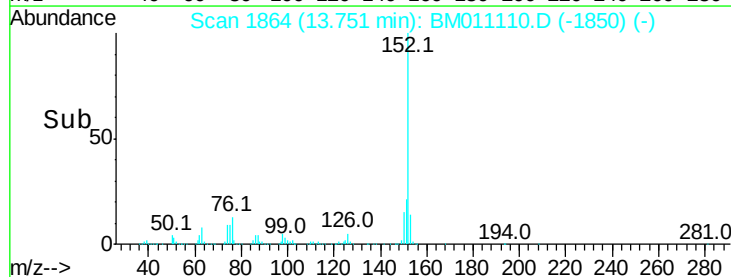
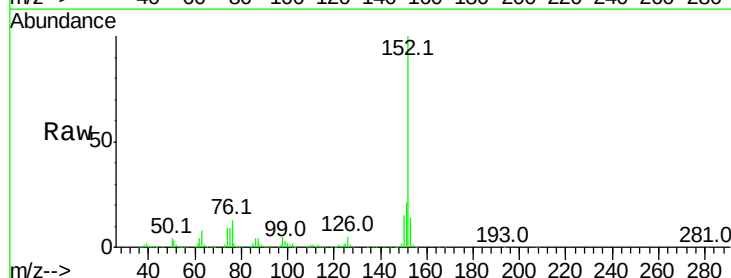
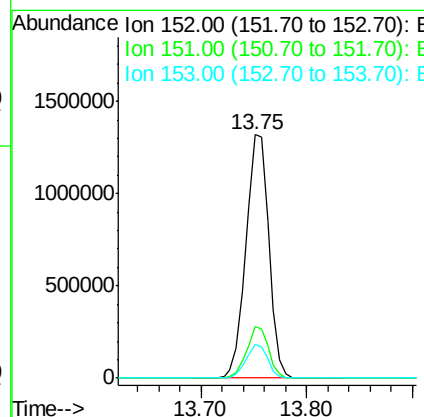
RT: 13.75 min Scan# 1864

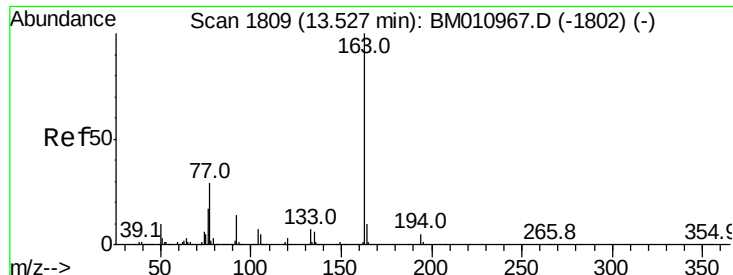
Delta R.T. -0.02 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion:	152	Resp:	1977866
Ion Ratio	Lower	Upper	
152	100		
151	21.3	15.9	23.9
153	13.6	10.6	16.0





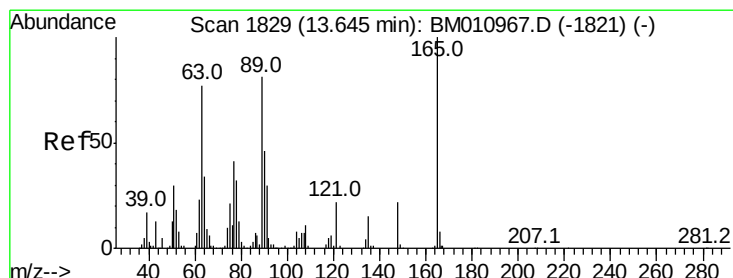
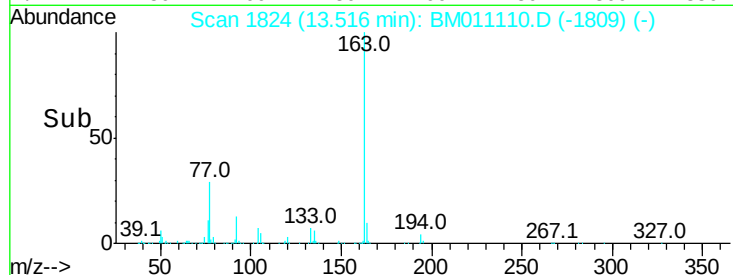
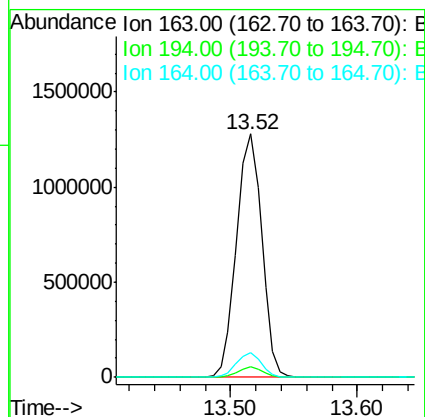
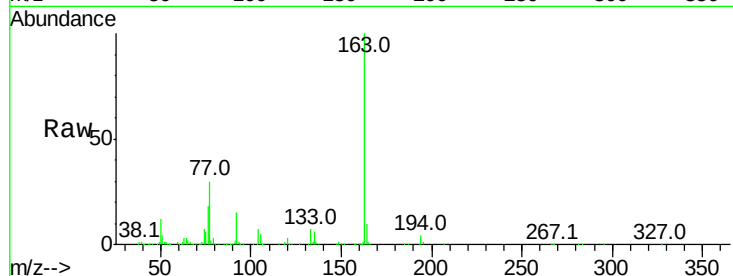
#49
Dimethylphthalate
Concen: 33.677 ng
RT: 13.52 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Instrument :
BNA_M
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	10.0	8.2	12.2

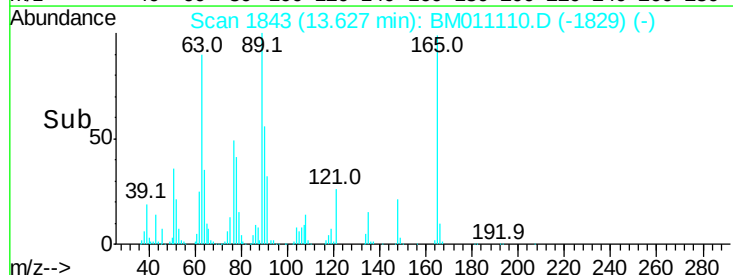
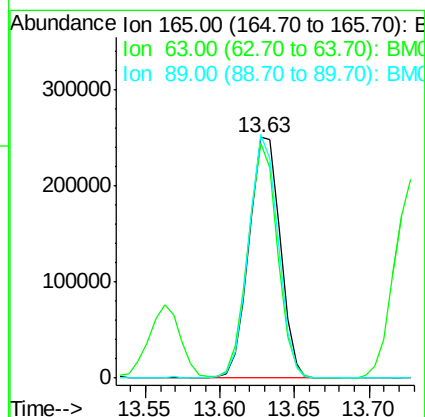
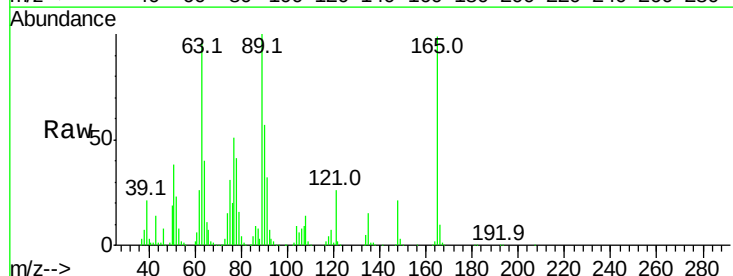
Manual Integrations
APPROVED

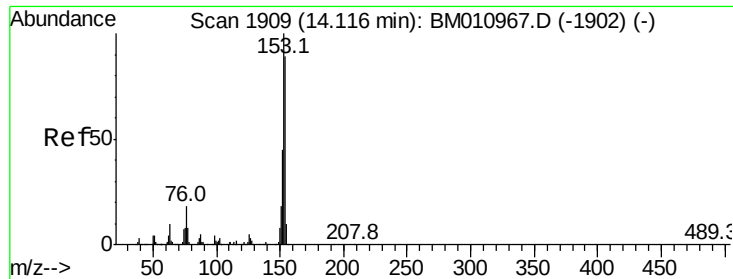
Sohil
8/3/2017 6:22:39 PM



#50
2,6-Dinitrotoluene
Concen: 34.094 ng
RT: 13.63 min Scan# 1843
Delta R.T. -0.02 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	97.6	44.1	66.1#
89	101.2	44.3	66.5#





#51

Acenaphthene

Concen: 33.877 ng

RT: 14.10 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

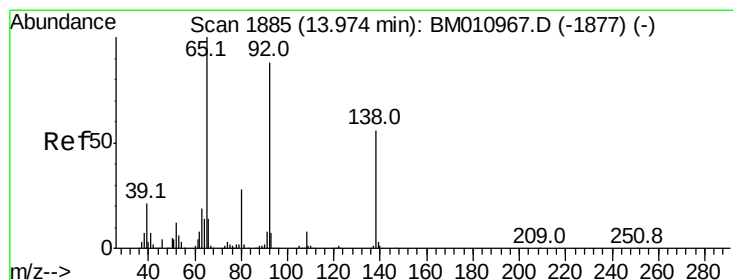
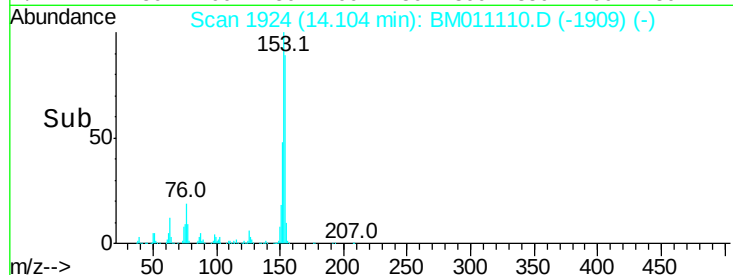
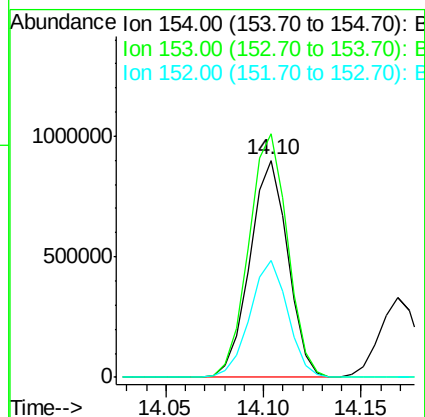
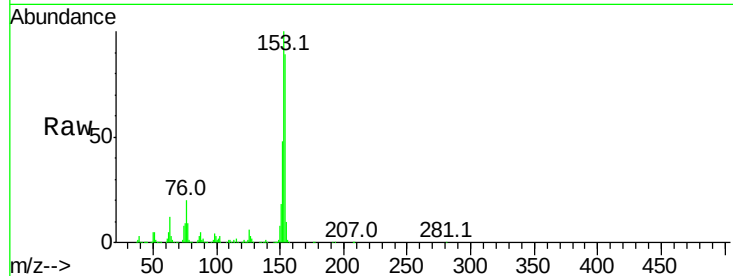
ClientSampleId :

72-11938MS

Tot Ion:	154	Resp:	1220407
Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.0	135.0
152	54.0	42.6	63.8

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#52

3-Nitroaniline

Concen: 26.504 ng

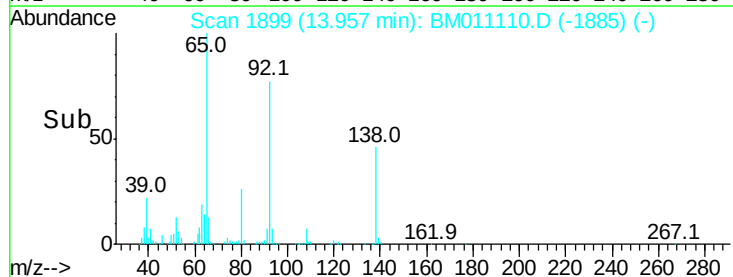
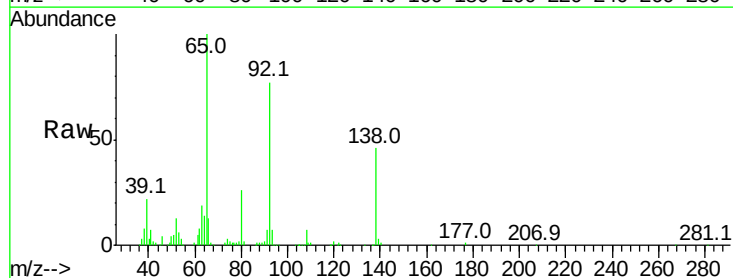
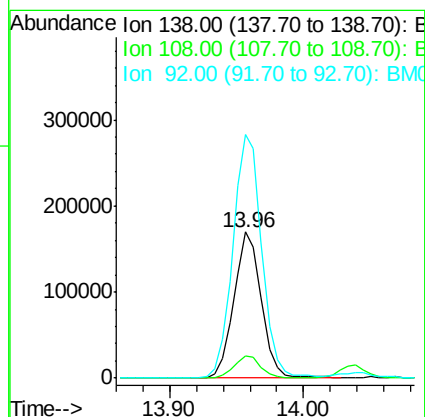
RT: 13.96 min Scan# 1899

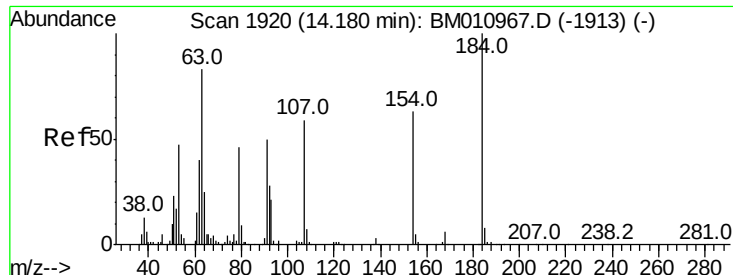
Delta R.T. -0.02 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion:	138	Resp:	243471
Ion	Ratio	Lower	Upper
138	100		
108	14.9	7.3	10.9#
92	166.5	76.6	114.8#





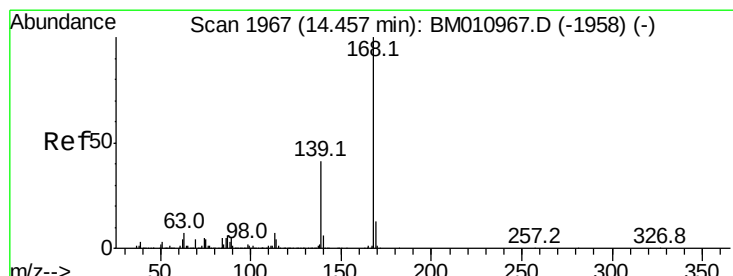
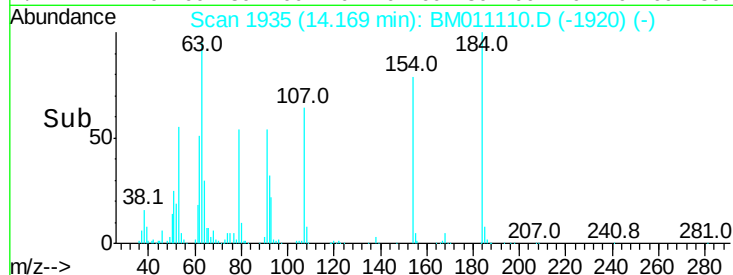
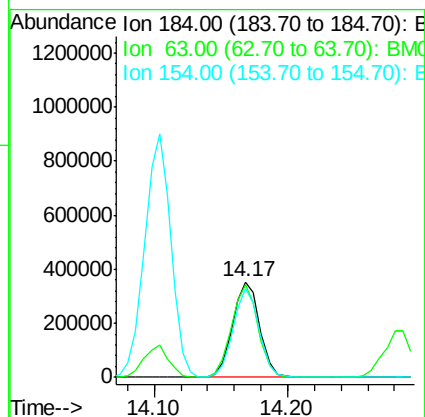
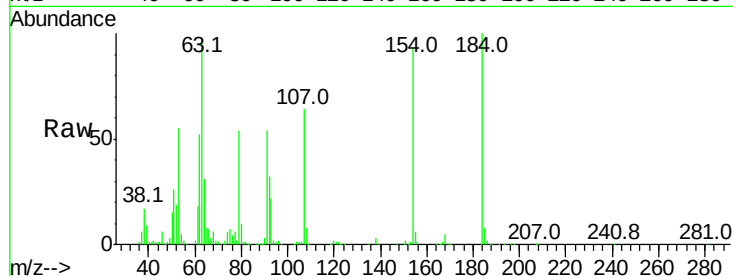
#53
2,4-Dinitrophenol
Concen: 66.276 ng
RT: 14.17 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Instrument :
BNA_M
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	97.1	69.2	103.8	
154	93.5	53.3	79.9	

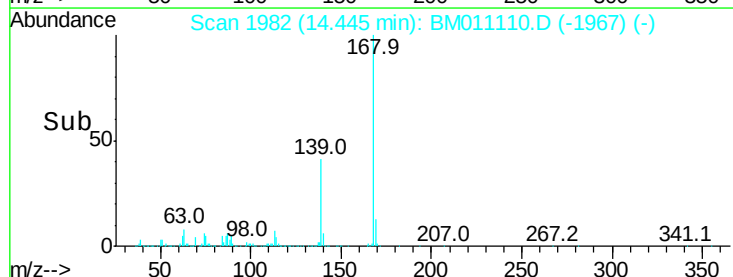
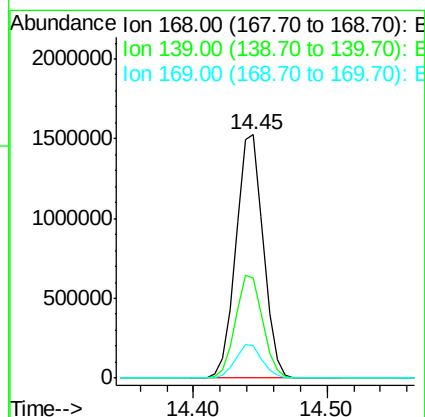
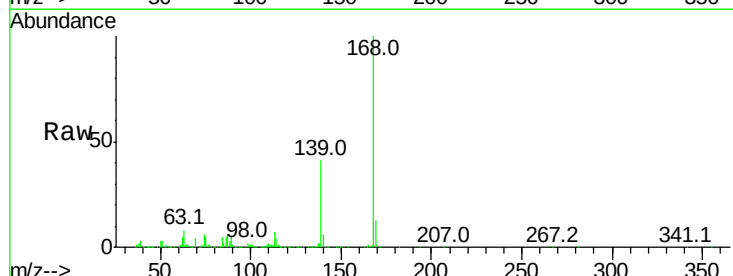
Manual Integrations
APPROVED

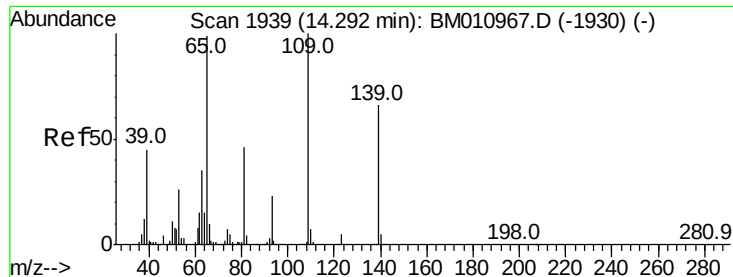
Sohil
8/3/2017 6:22:39 PM



#54
Dibenzofuran
Concen: 37.151 ng
RT: 14.45 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.4	27.3	40.9	
169	13.4	10.6	16.0	





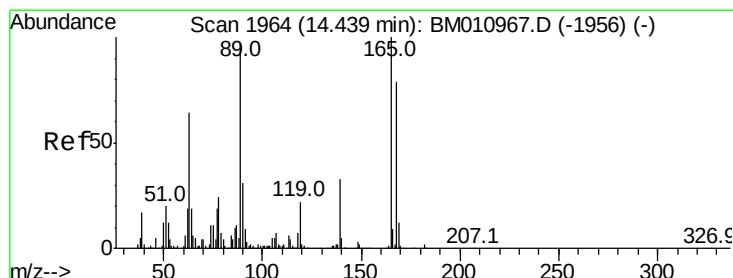
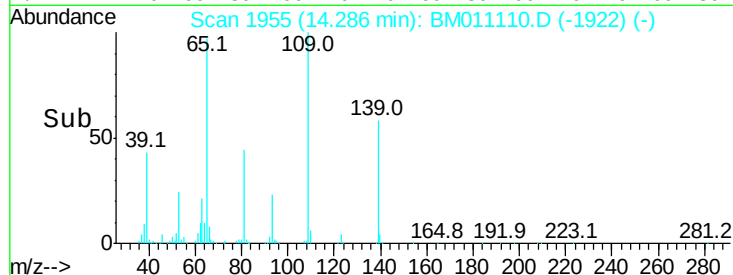
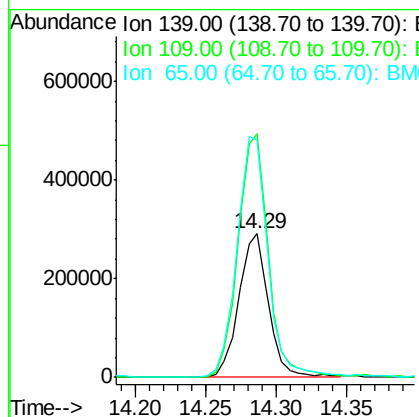
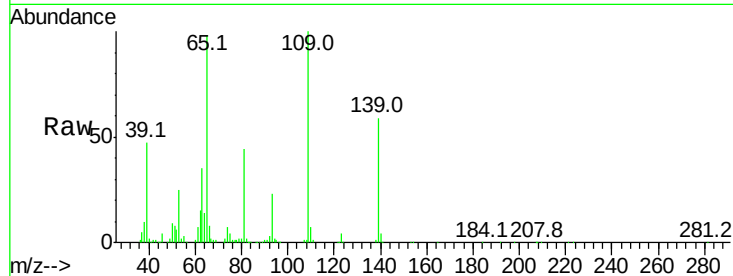
#55
4-Nitrophenol
Concen: 52.781 ng
RT: 14.29 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Instrument :
BNA_M
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	169.9	130.0	170.0	
65	165.8	130.0	170.0	

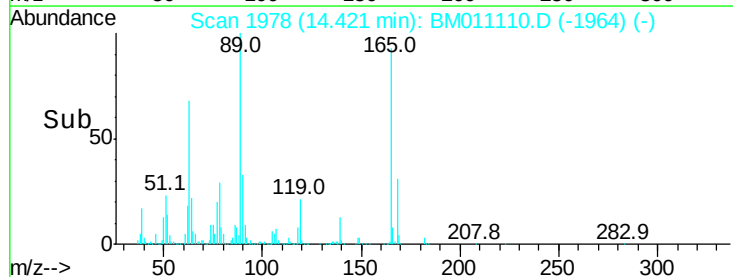
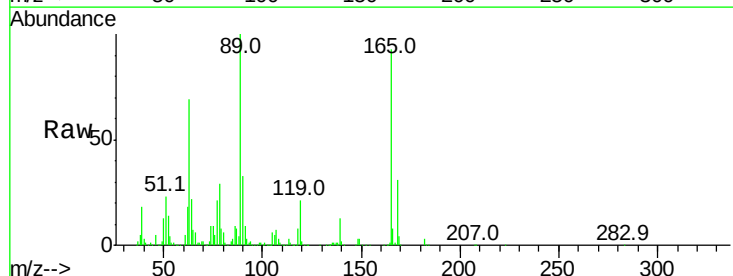
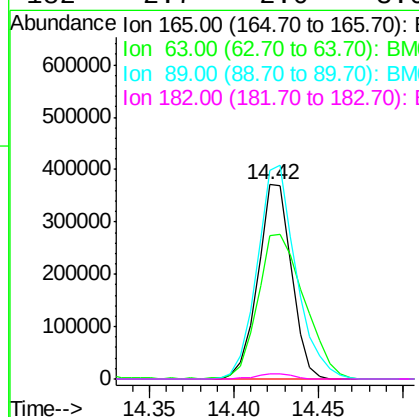
Manual Integrations
APPROVED

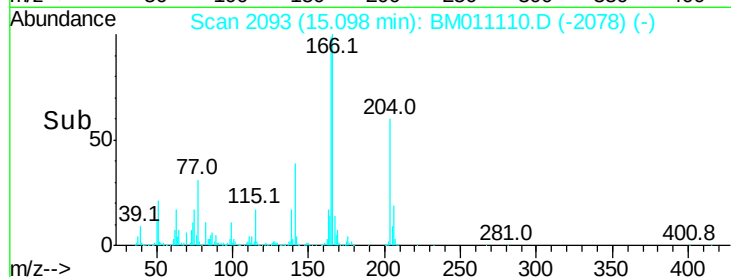
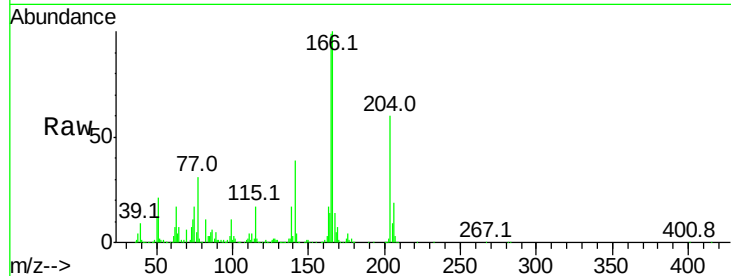
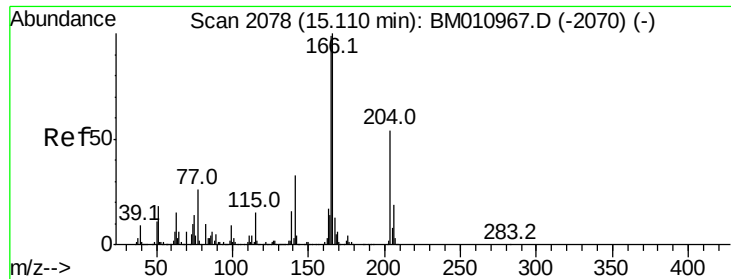
Sohil
8/3/2017 6:22:39 PM



#56
2,4-Dinitrotoluene
Concen: 34.629 ng
RT: 14.42 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	74.0	52.4	78.6	
89	107.4	72.4	108.6	
182	2.7	2.0	3.0	





#57

Fluorene

Concen: 35.089 ng

RT: 15.10 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tot Ion:166 Resp: 1783323

Ion Ratio Lower Upper

166 100

165 99.2 79.0 118.4

167 13.7 10.3 15.5

Instrument :

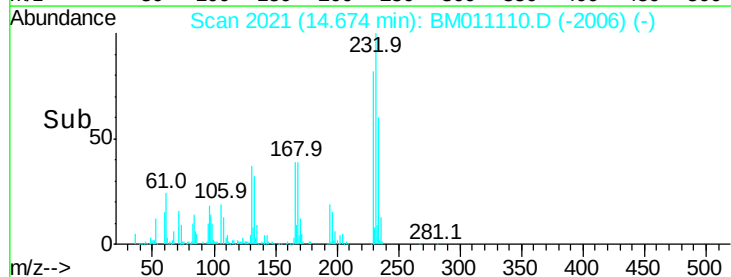
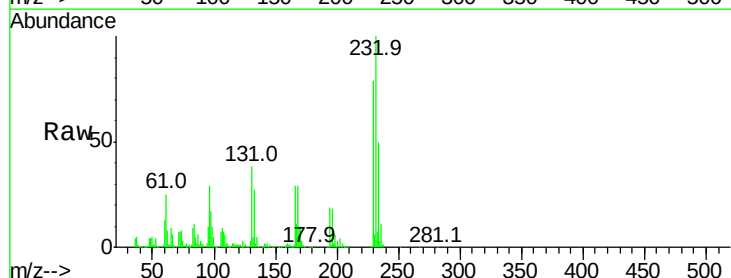
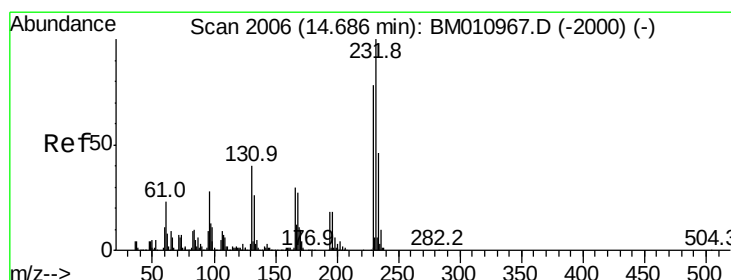
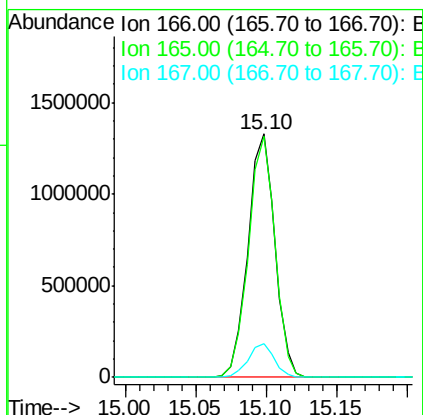
BNA_M

ClientSampleId :

72-11938MS

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.784 ng

RT: 14.67 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion:232 Resp: 580435

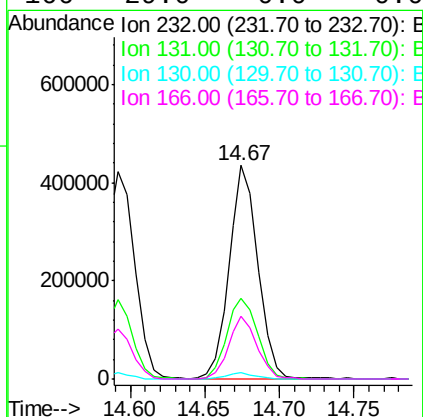
Ion Ratio Lower Upper

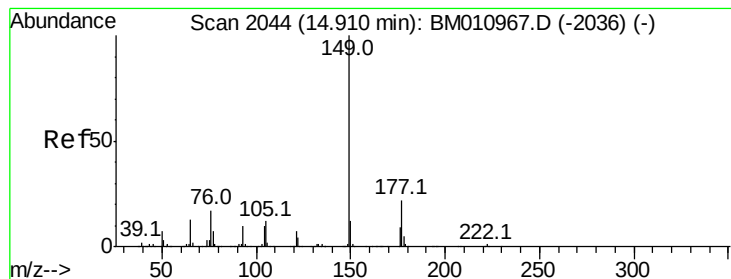
232 100

131 40.8 0.0 0.0#

130 3.0 0.0 0.0#

166 29.0 0.0 0.0#





#59

Diethylphthalate

Concen: 34.507 ng

RT: 14.90 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

ClientSampleId :

72-11938MS

Tot Ion:149 Resp: 1844833

Ion Ratio Lower Upper

149 100

177 22.8 18.3 27.5

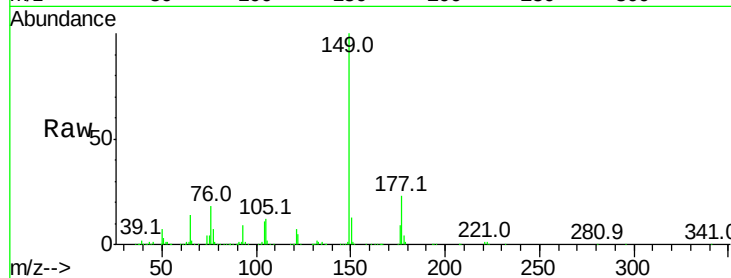
150 12.9 9.8 14.8

Manual Integrations

APPROVED

Sohil

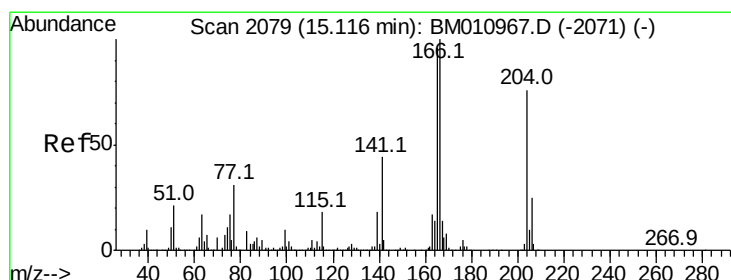
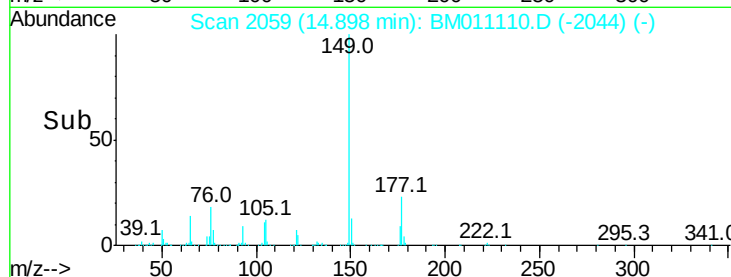
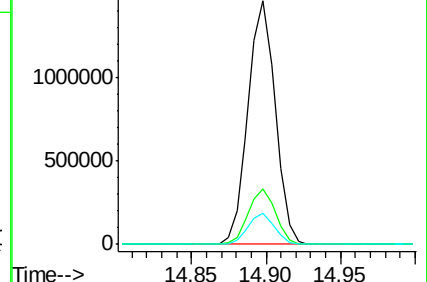
8/3/2017 6:22:39 PM



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: 35.540 ng

RT: 15.10 min Scan# 2094

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

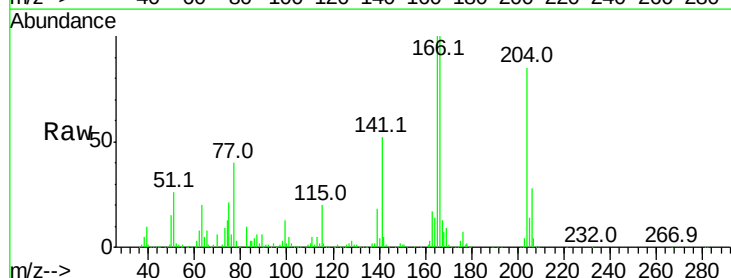
Tgt Ion:204 Resp: 1090523

Ion Ratio Lower Upper

204 100

206 32.8 26.6 39.8

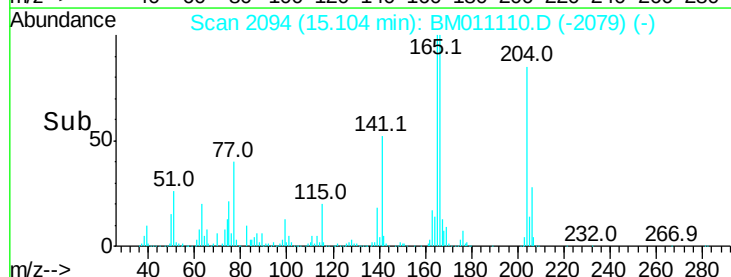
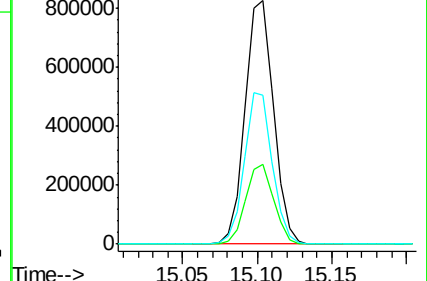
141 61.3 45.2 67.8

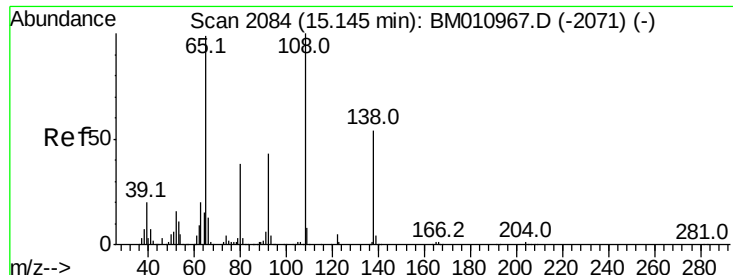


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.798 ng

RT: 15.13 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

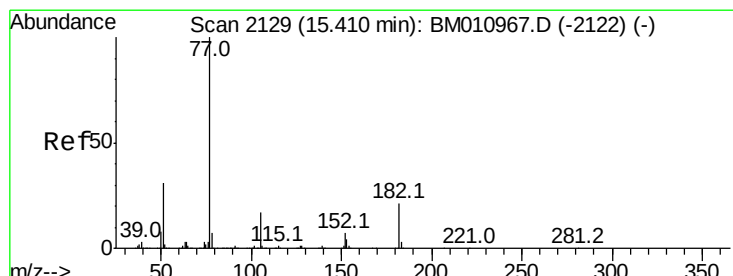
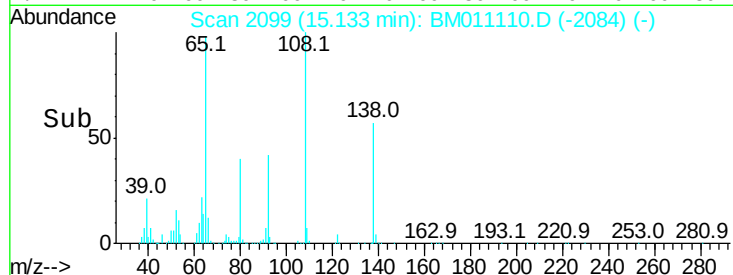
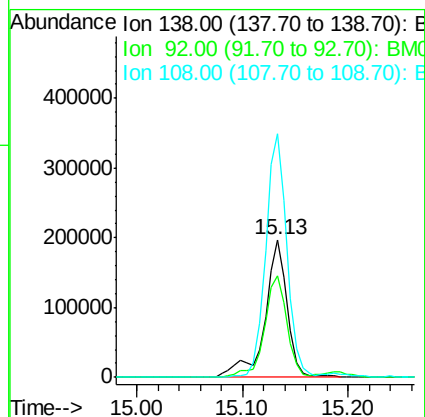
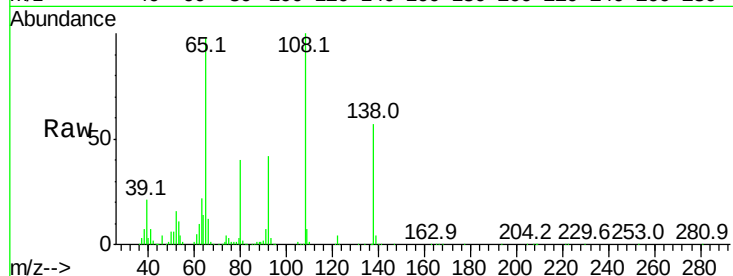
ClientSampleId :

72-11938MS

Tot Ion:	138	Resp:	290747
Ion Ratio	Lower	Upper	
138	100		
92	74.2	16.7	56.7#
108	176.8	37.6	77.6#

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#62

Azobenzene

Concen: 41.757 ng

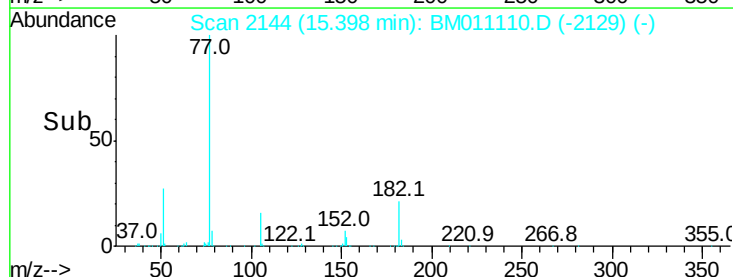
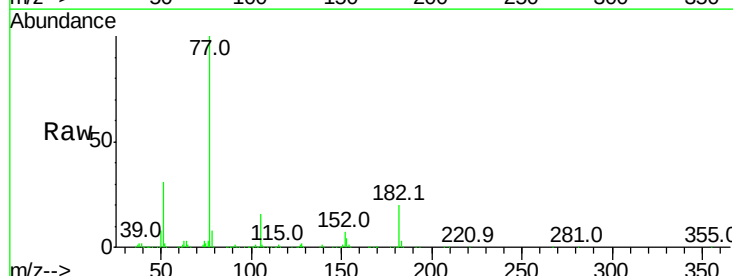
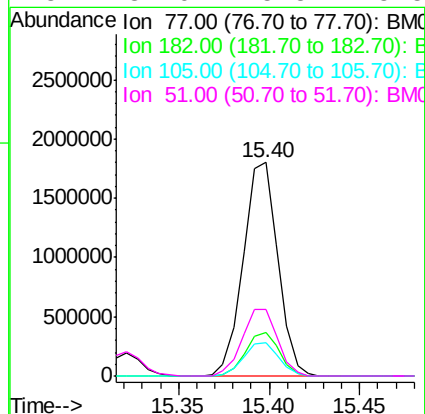
RT: 15.40 min Scan# 2144

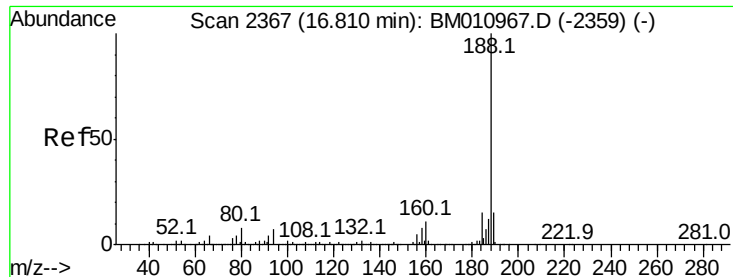
Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion:	77	Resp:	2389234
Ion Ratio	Lower	Upper	
77	100		
182	20.3	6.5	46.5
105	15.8	3.8	43.8
51	31.0	5.5	45.5





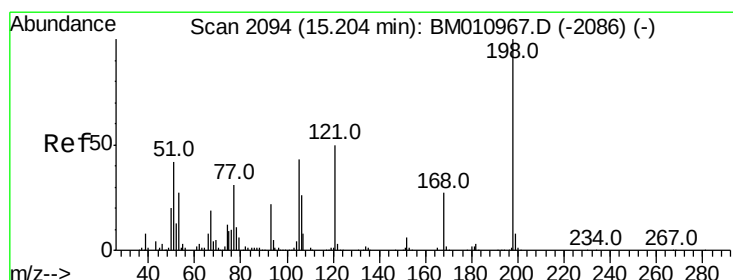
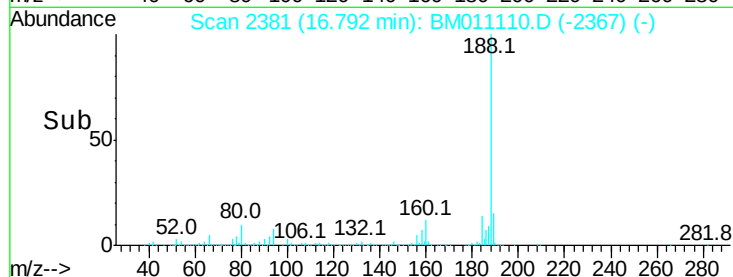
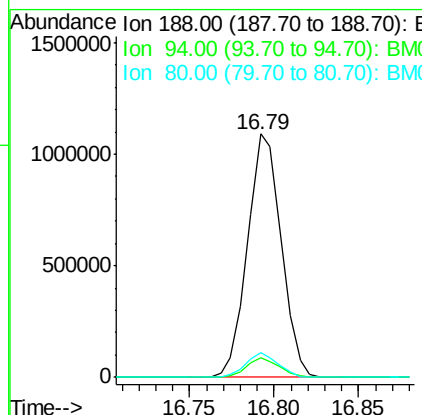
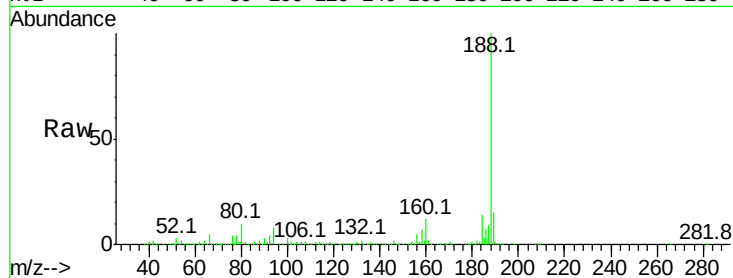
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.79 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Instrument :
BNA_M
ClientSampled :
72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	1522623		
94	8.0		8.7	13.1#
80	10.4		9.3	13.9

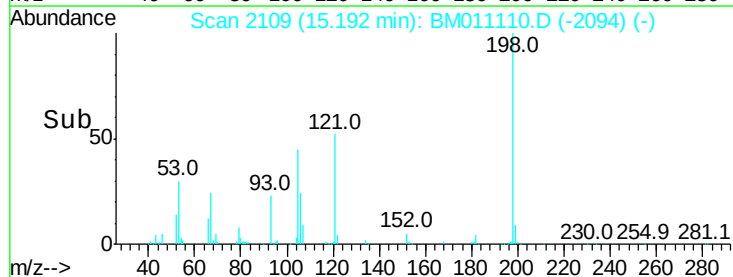
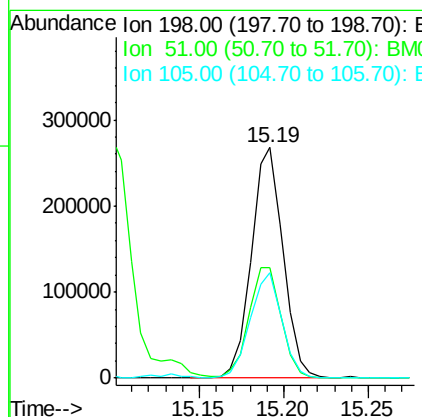
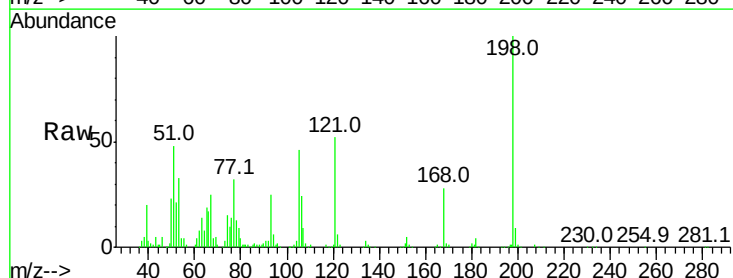
Manual Integrations
APPROVED

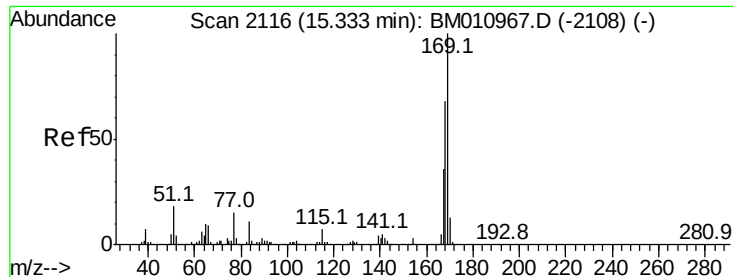
Sohil
8/3/2017 6:22:39 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 33.937 ng
RT: 15.19 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	349817		
51	48.1		28.8	68.8
105	45.6		30.5	70.5





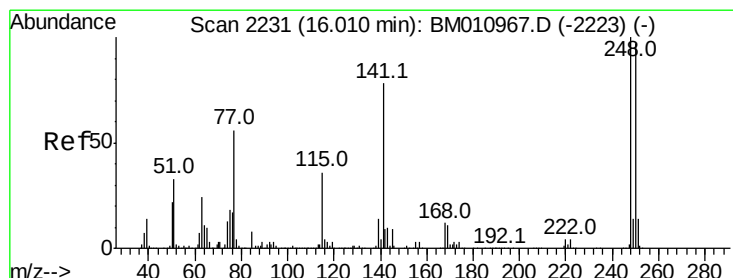
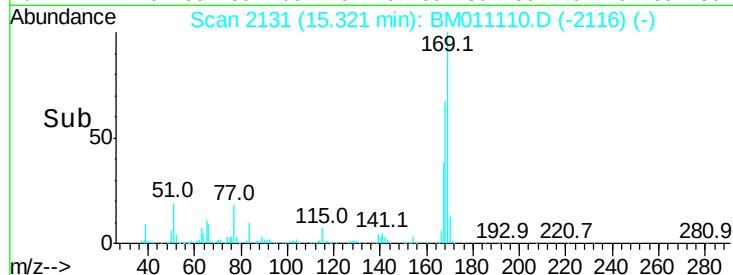
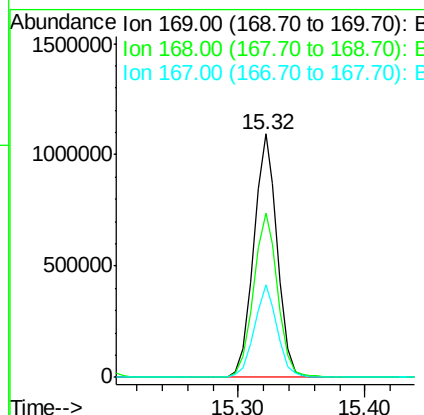
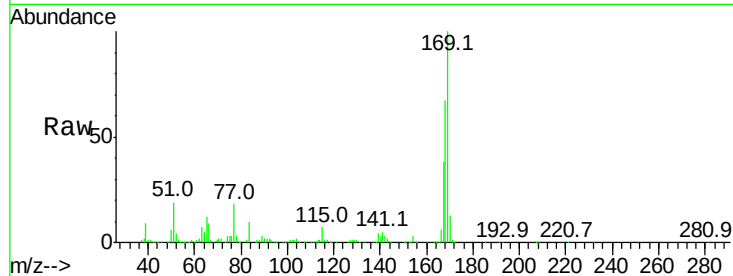
#65
 n-Nitrosodiphenylamine
 Concen: 32.337 ng
 RT: 15.32 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	67.3	53.9	80.9		
167	37.9	28.9	43.3		

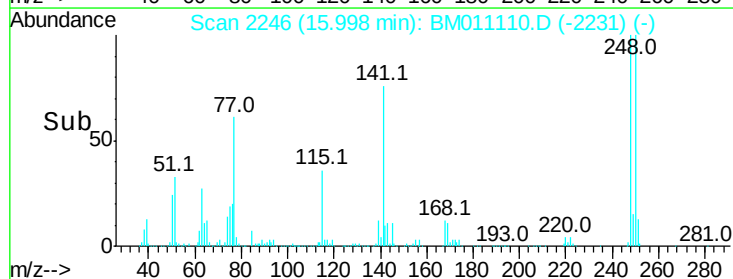
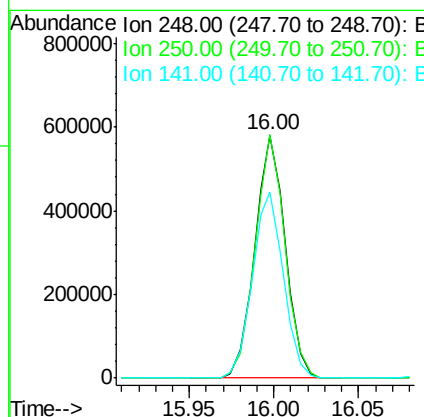
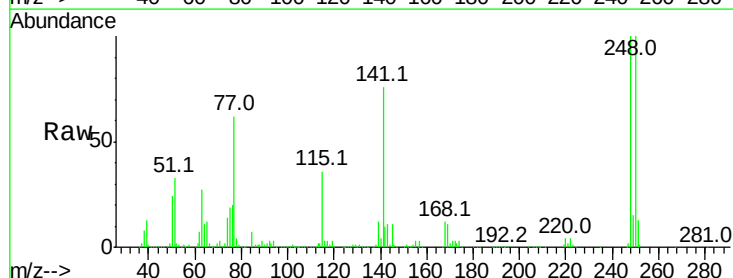
Manual Integrations
 APPROVED

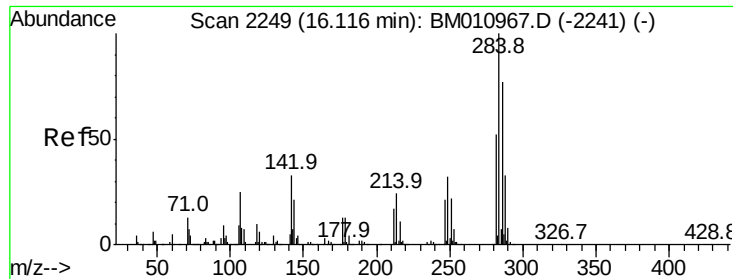
Sohil
 8/3/2017 6:22:39 PM



#66
 4-Bromophenyl-phenylether
 Concen: 36.982 ng
 RT: 16.00 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	100.3	77.4	116.0		
141	76.5	45.2	67.8#		





#67

Hexachlorobenzene

Concen: 33.899 ng

RT: 16.10 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

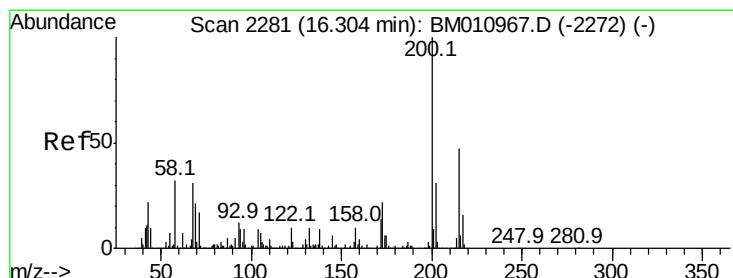
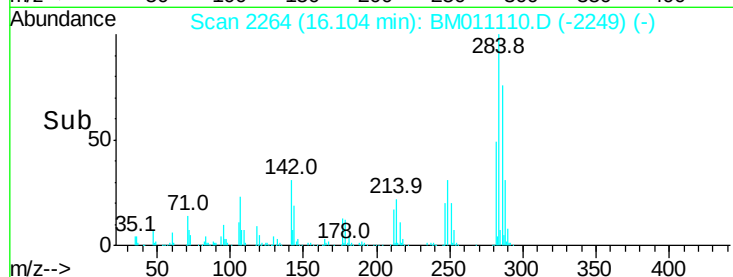
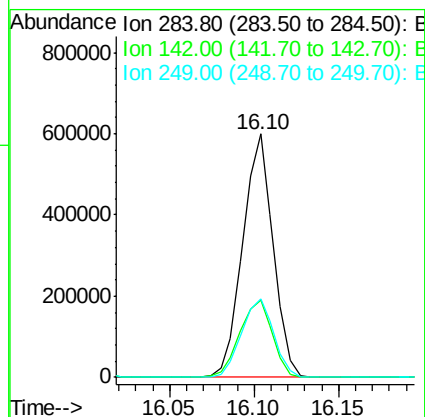
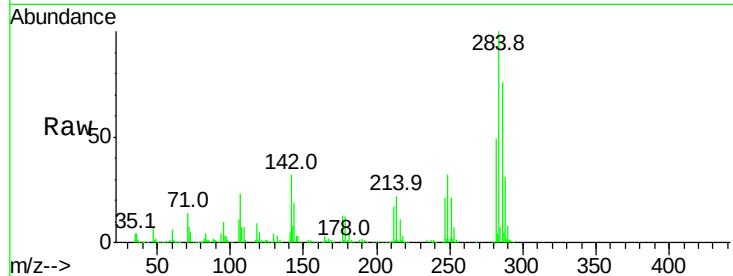
ClientSampleId :

72-11938MS

Tot Ion:	284	Resp:	749805
Ion Ratio		Lower	Upper
284	100		
142	31.6	20.4	30.6#
249	32.4	23.8	35.6

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#68

Atrazine

Concen: 19.596 ng

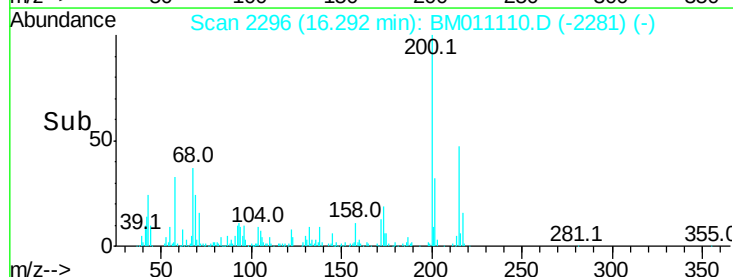
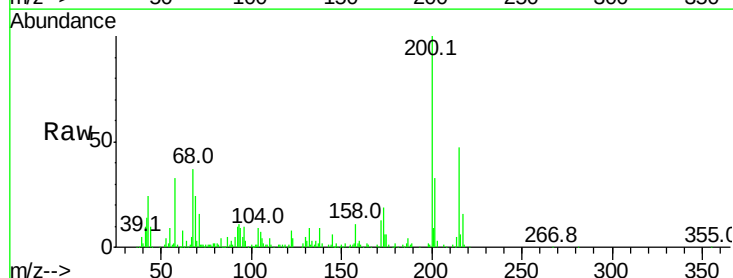
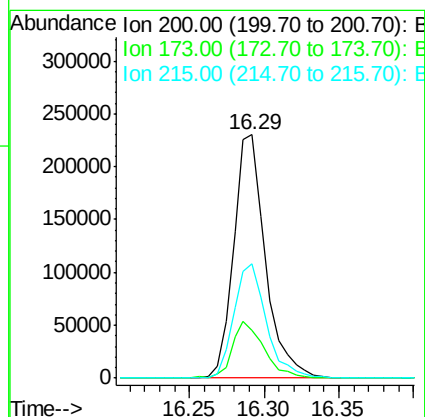
RT: 16.29 min Scan# 2296

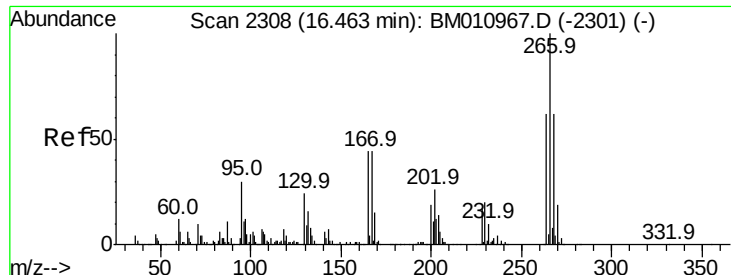
Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion:	200	Resp:	342190
Ion Ratio		Lower	Upper
200	100		
173	19.4	4.8	44.8
215	47.0	26.9	66.9





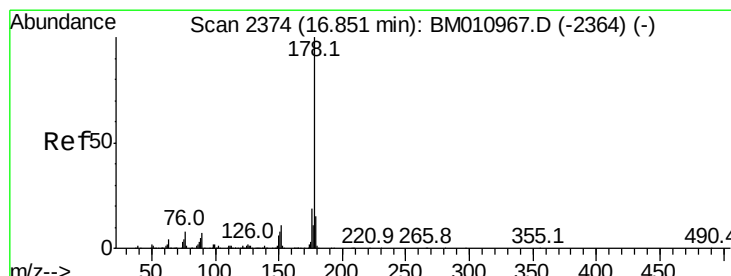
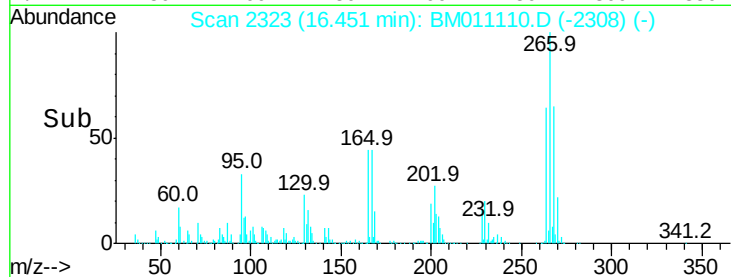
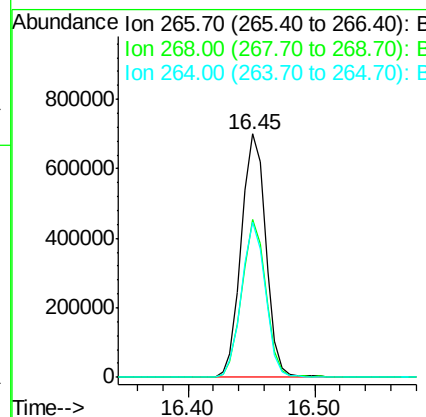
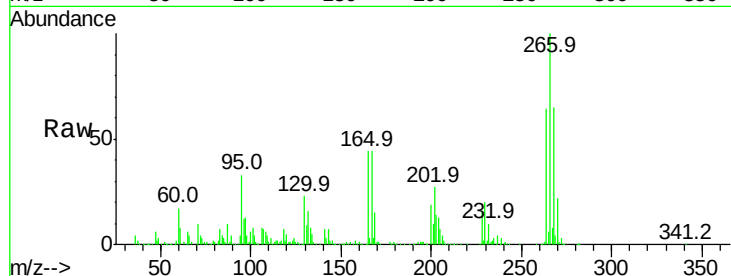
#69
 Pentachlorophenol
 Concen: 66.845 ng
 RT: 16.45 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampled :
 72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	938669		
268	65.0		52.0	78.0
264	63.6		49.0	73.4

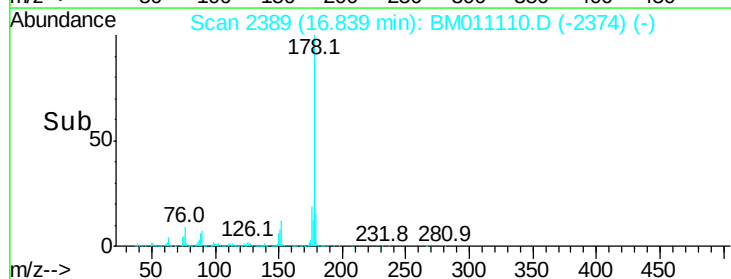
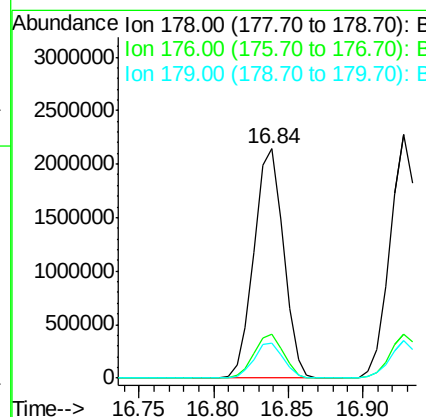
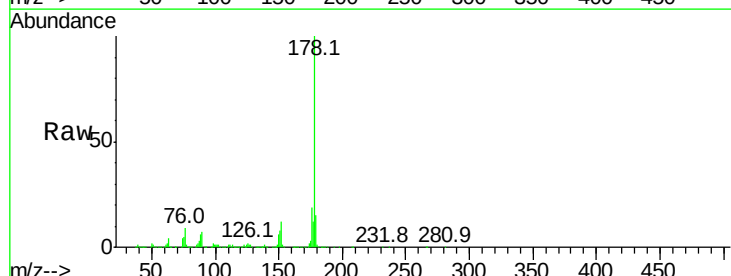
Manual Integrations
 APPROVED

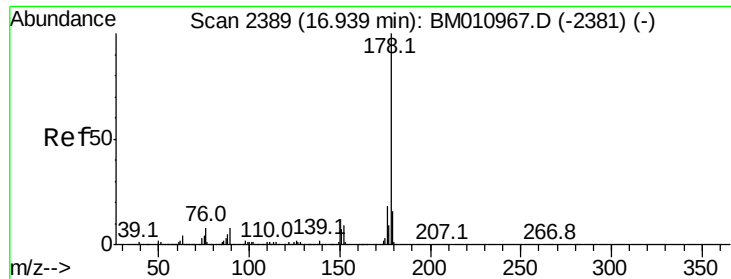
Sohil
 8/3/2017 6:22:39 PM



#70
 Phenanthrene
 Concen: 36.594 ng
 RT: 16.84 min Scan# 2389
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2917542		
176	19.0		15.2	22.8
179	15.1		12.1	18.1





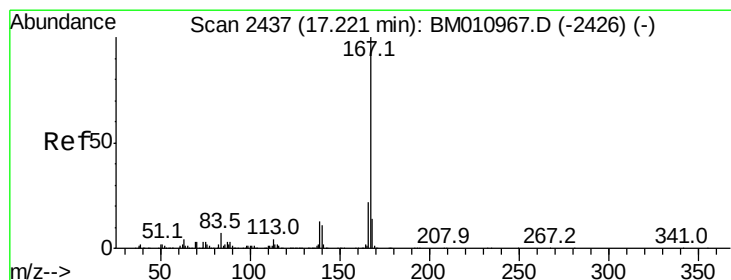
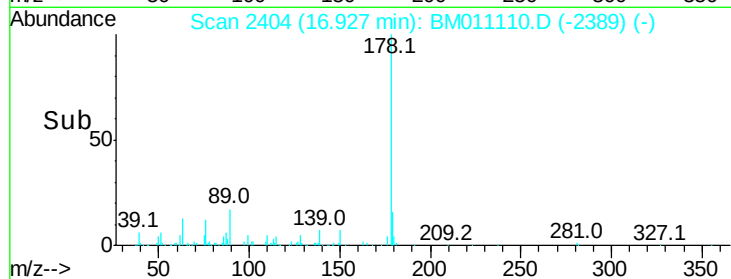
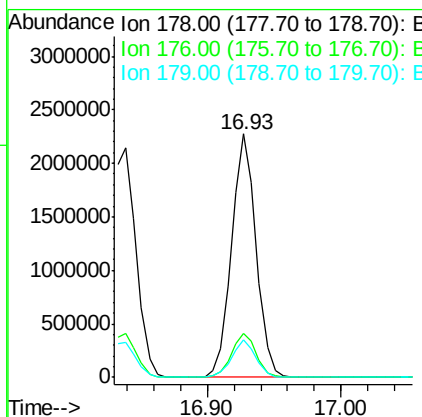
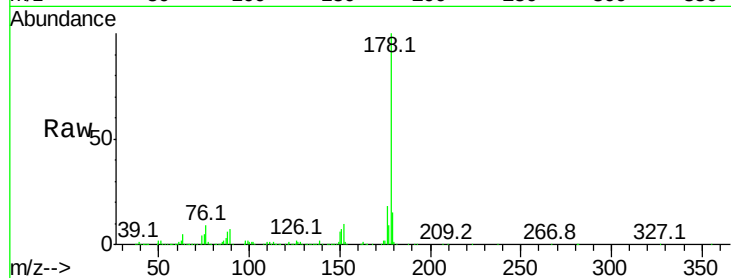
#71
 Anthracene
 Concen: 36.648 ng
 RT: 16.93 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.2	12.6	19.0

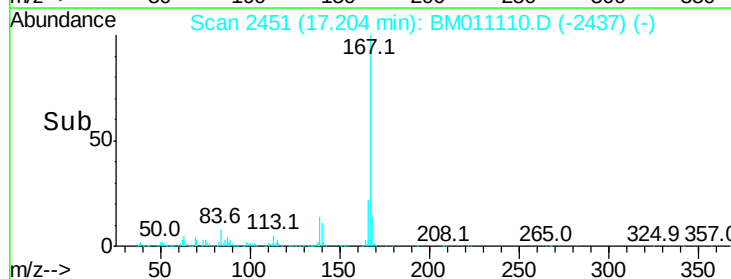
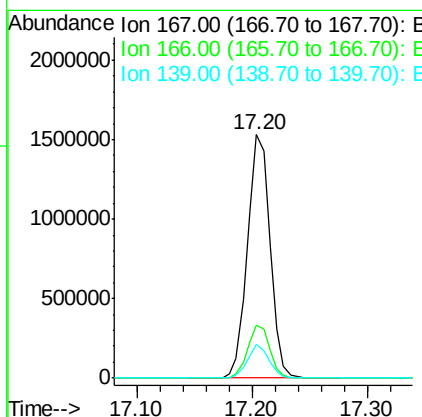
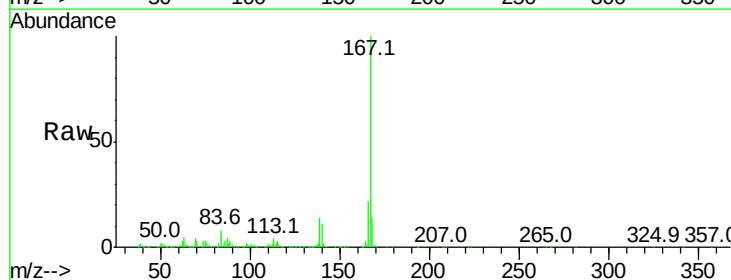
Manual Integrations
 APPROVED

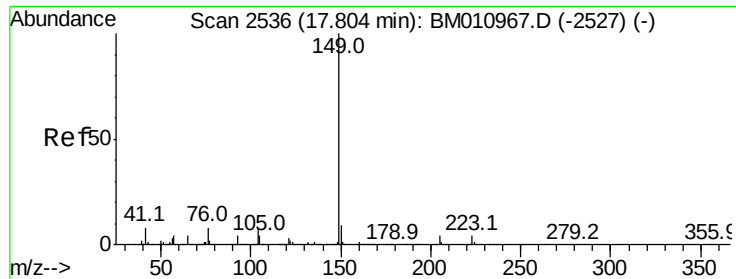
Sohil
 8/3/2017 6:22:39 PM



#72
 Carbazole
 Concen: 30.061 ng
 RT: 17.20 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	14.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 33.847 ng

RT: 17.79 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

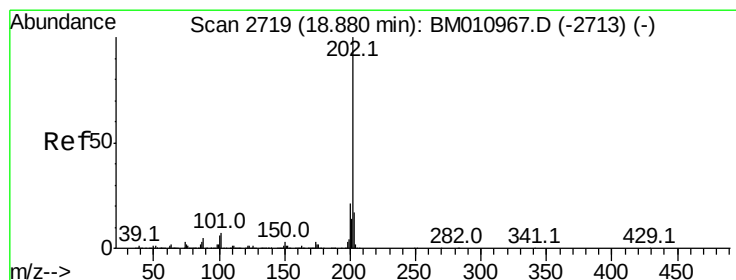
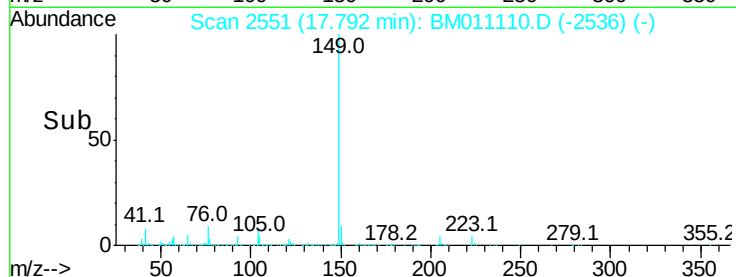
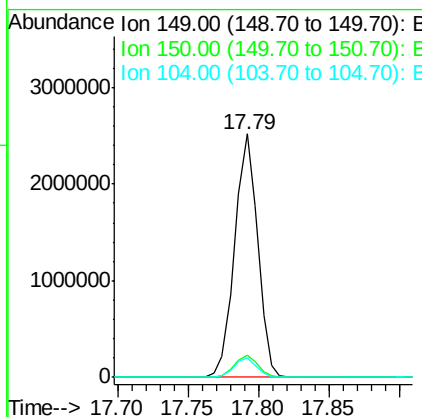
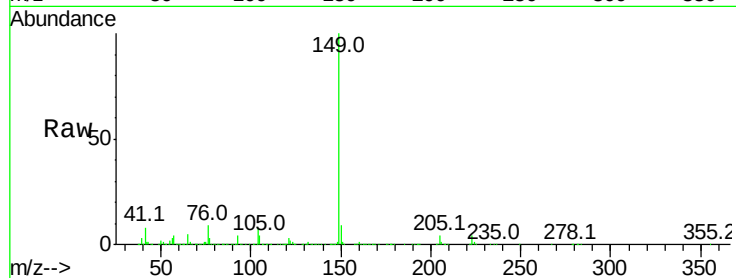
ClientSampleId :

72-11938MS

Tot Ion:	149	Resp:	2866177
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.5	11.3
104	8.0	3.7	5.5#

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#74

Fluoranthene

Concen: 33.321 ng

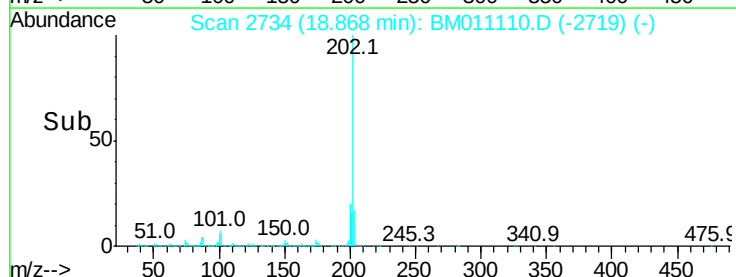
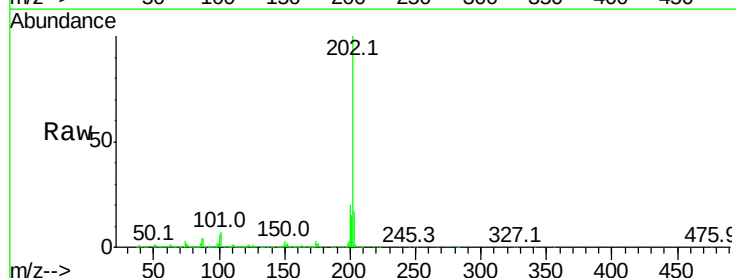
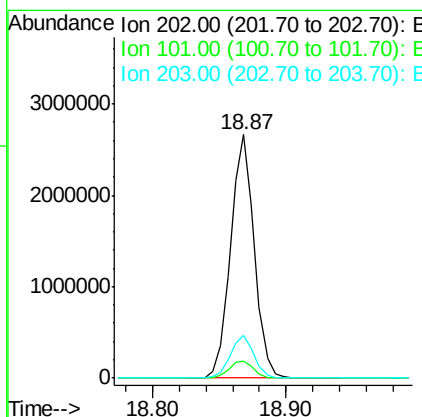
RT: 18.87 min Scan# 2734

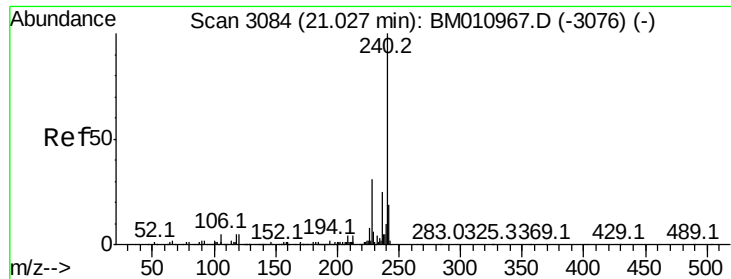
Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion:	202	Resp:	3292223
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	28.7
203	17.3	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

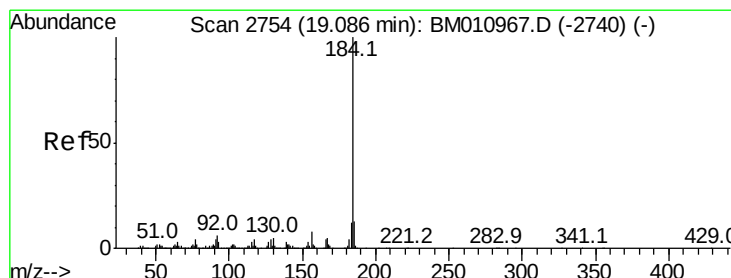
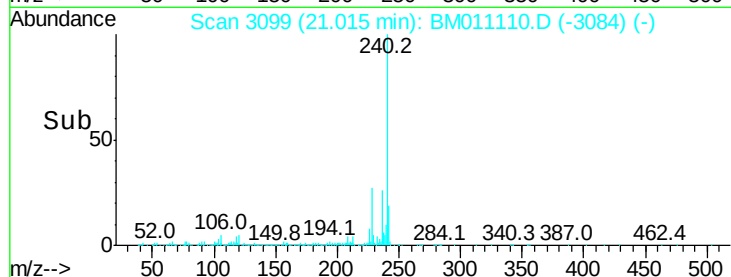
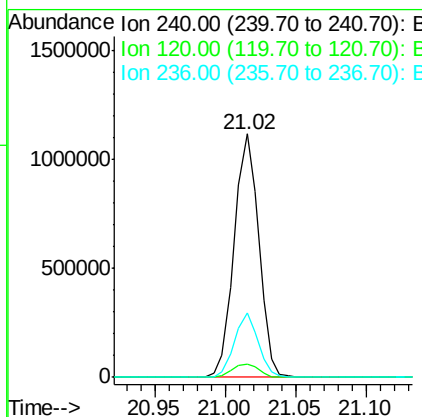
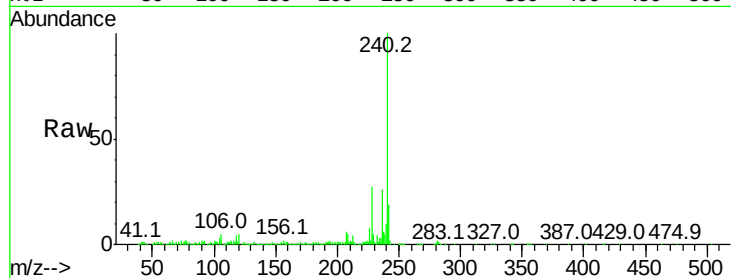
ClientSampled :

72-11938MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.5	8.2	12.2#
236	26.3	20.0	30.0

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#76

Benzidine

Concen: 2.078 ng m

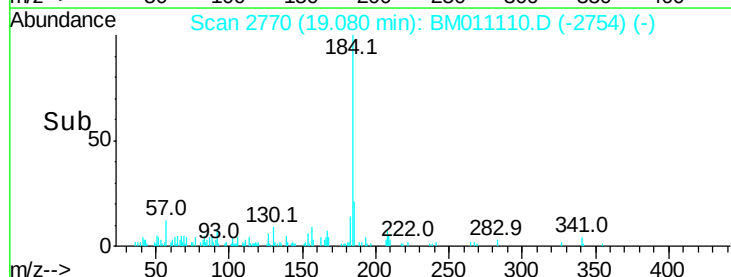
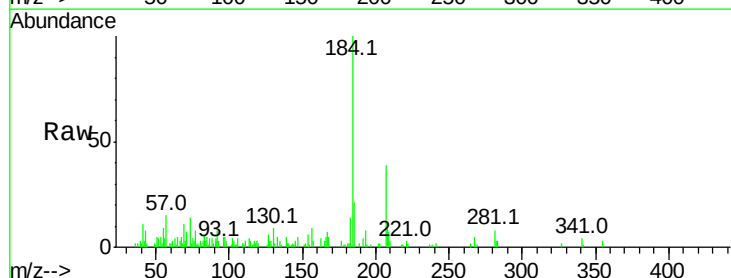
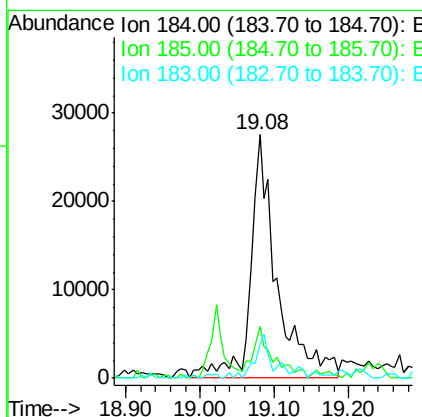
RT: 19.08 min Scan# 2770

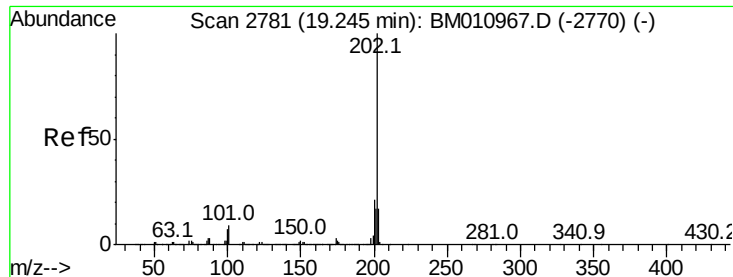
Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	21.0	11.3	16.9#
183	13.7	8.9	13.3#





#77

Pvrene

Concen: 40.649 ng

RT: 19.23 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Instrument :

BNA_M

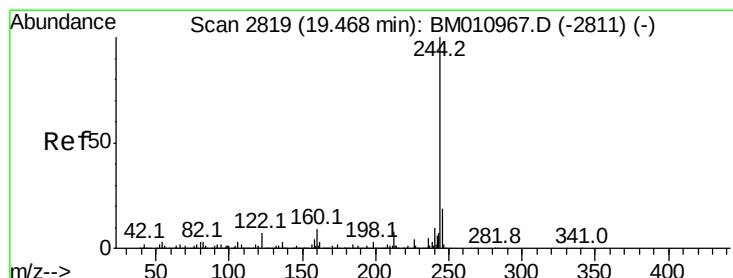
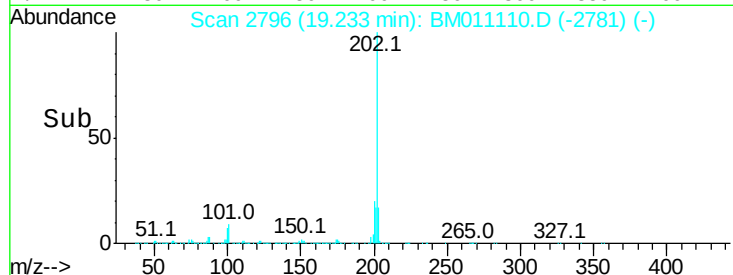
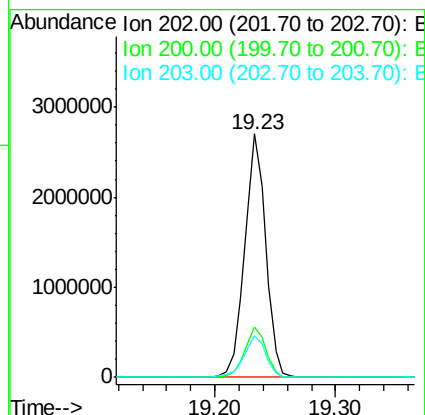
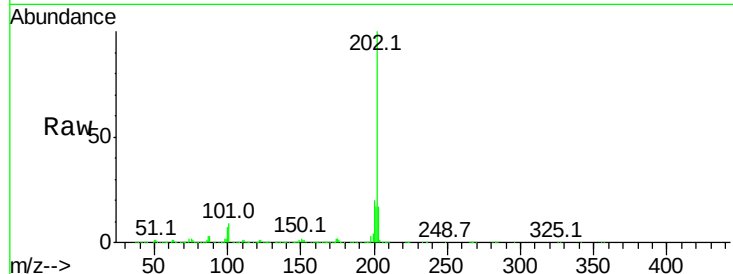
ClientSampleId :

72-11938MS

Tot Ion:	202	Resp:	3298862
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.9	25.3
203	16.9	14.1	21.1

Manual Integrations
APPROVED

Sohil
8/3/2017 6:22:39 PM



#78

Terphenyl-d14

Concen: 75.644 ng

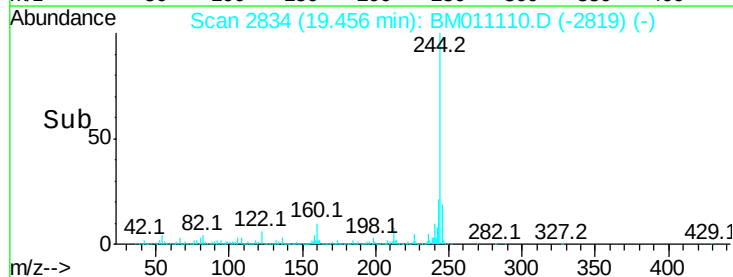
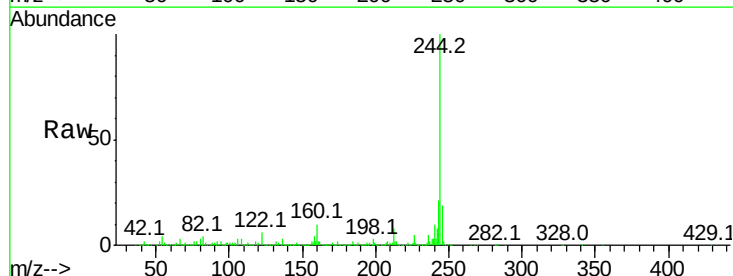
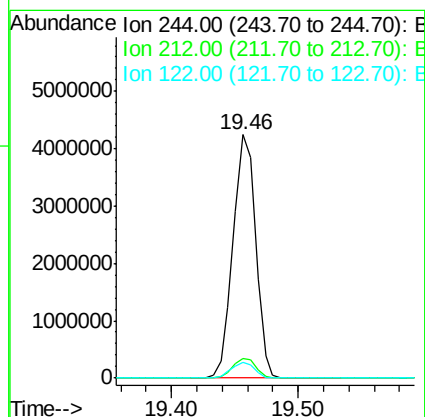
RT: 19.46 min Scan# 2834

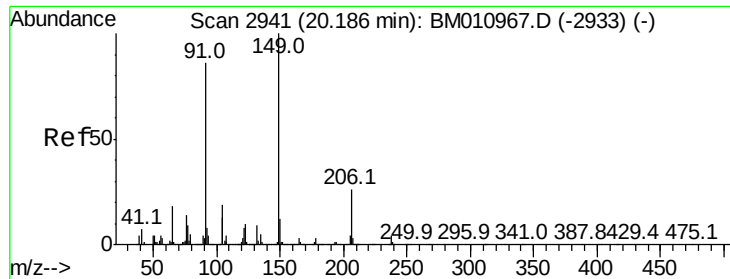
Delta R.T. -0.01 min

Lab File: BM011110.D

Acq: 03 Aug 2017 04:54

Tgt Ion:	244	Resp:	5215585
Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	6.4	6.2	9.4





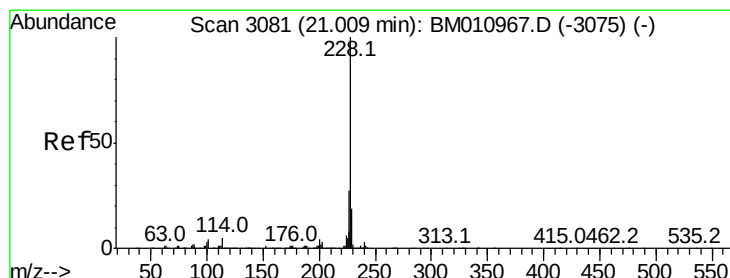
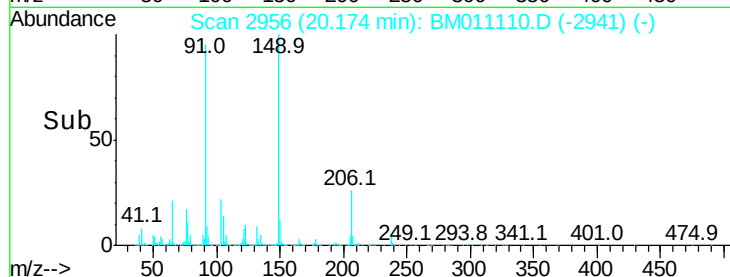
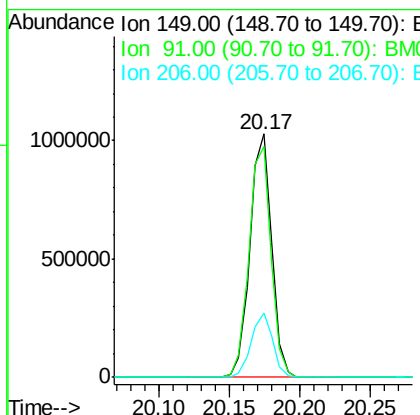
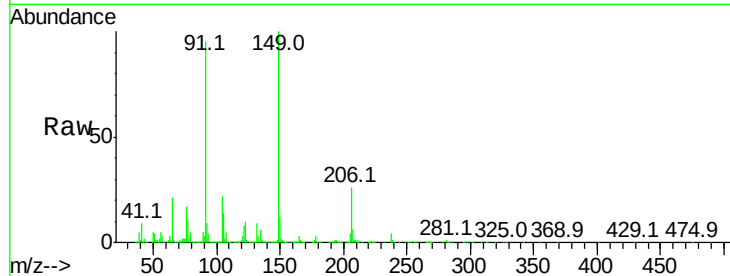
#79
Butylbenzylphthalate
Concen: 38.333 ng
RT: 20.17 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Instrument :
BNA_M
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	94.7	50.1	75.1#
206	26.4	16.2	24.2#

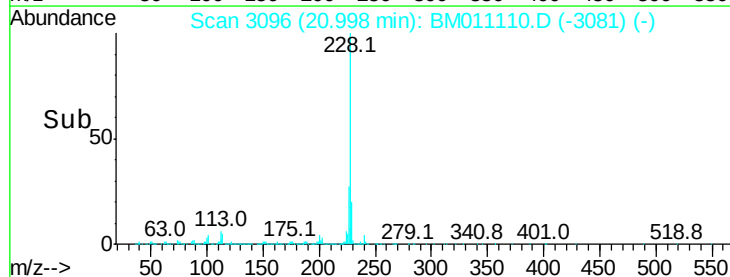
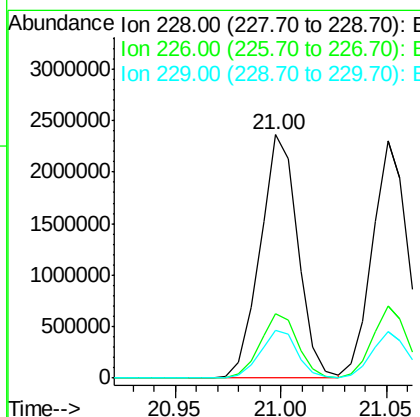
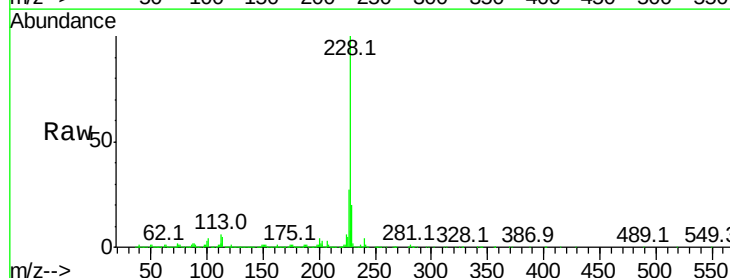
Manual Integrations
APPROVED

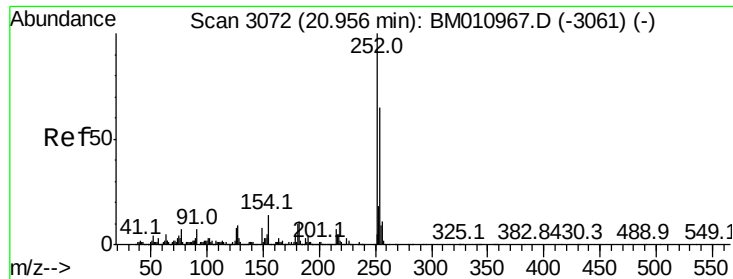
Sohil
8/3/2017 6:22:39 PM



#80
Benzo(a)anthracene
Concen: 37.623 ng
RT: 21.00 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.7	32.5
229	19.5	16.0	24.0





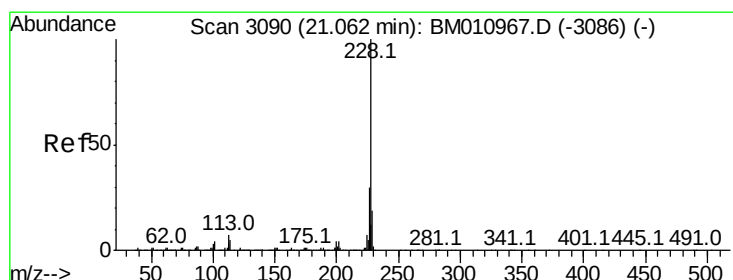
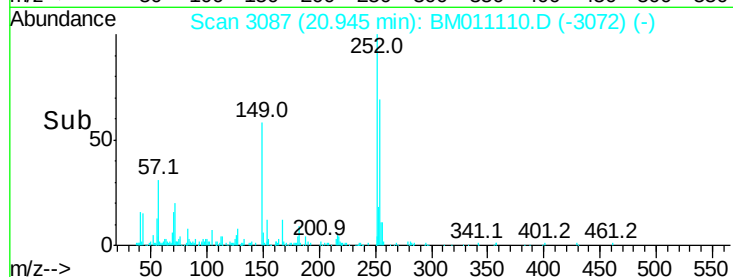
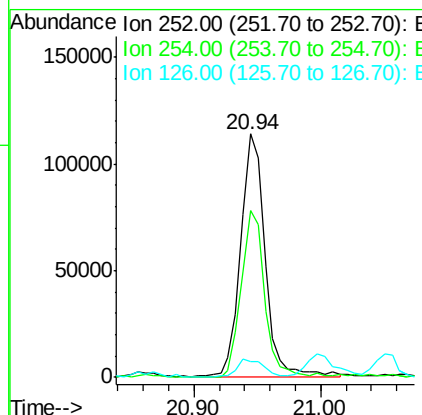
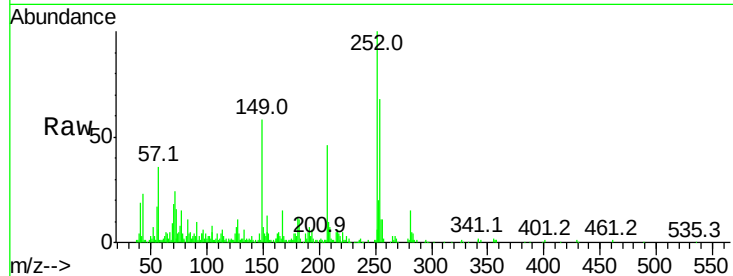
#81
 3,3'-Dichlorobenzidine
 Concen: 4.935 ng
 RT: 20.94 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	150977		
254	68.4	51.9	77.9	
126	6.7	9.8	14.8	

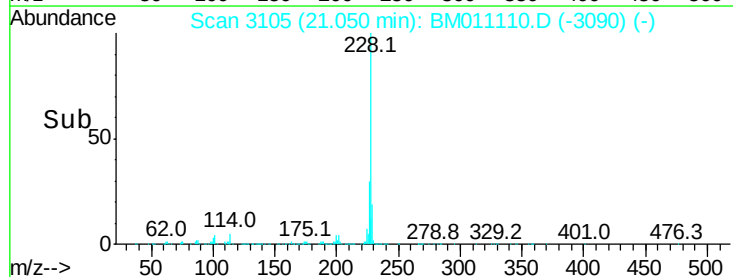
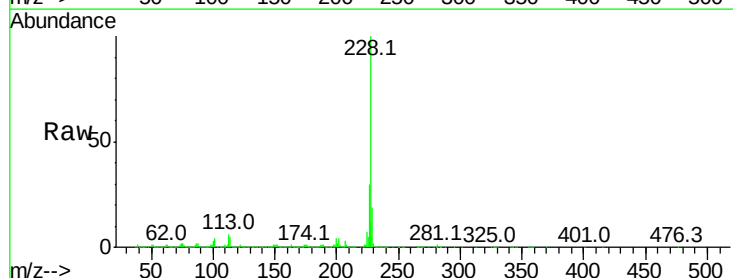
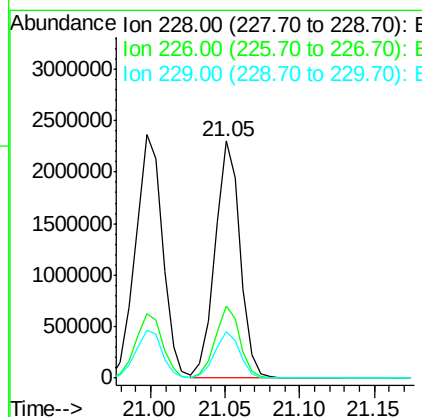
Manual Integrations
 APPROVED

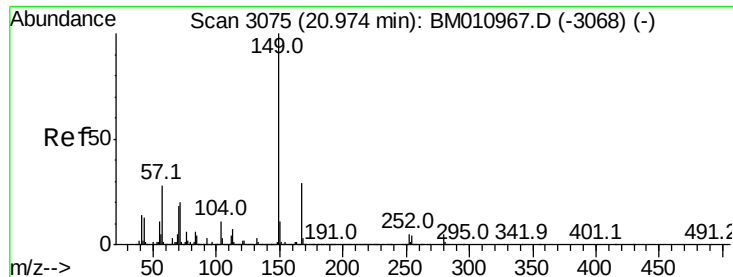
Sohil
 8/3/2017 6:22:39 PM



#82
 Chrysene
 Concen: 35.862 ng
 RT: 21.05 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2684582		
226	30.4	24.1	36.1	
229	19.4	15.5	23.3	





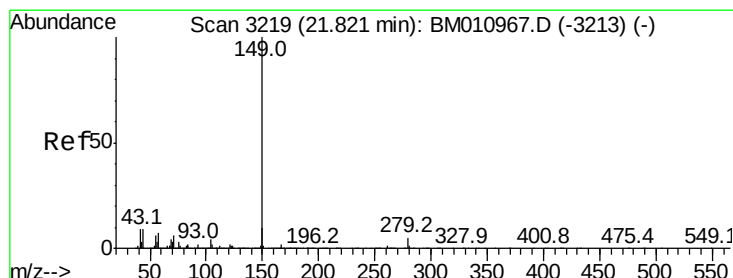
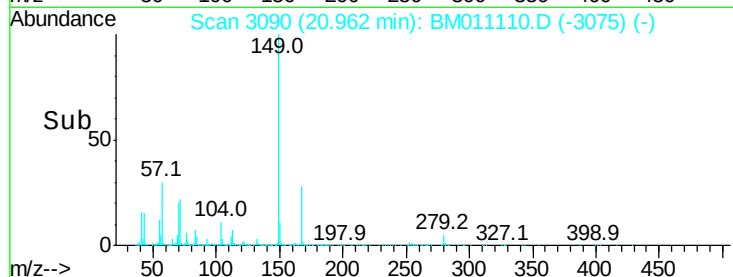
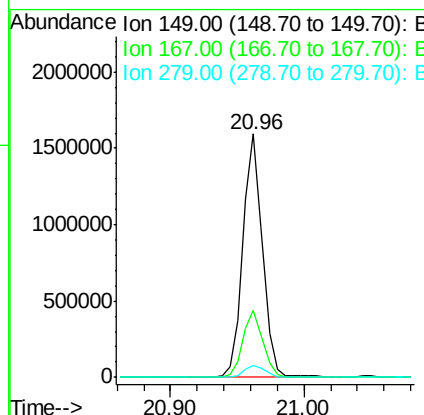
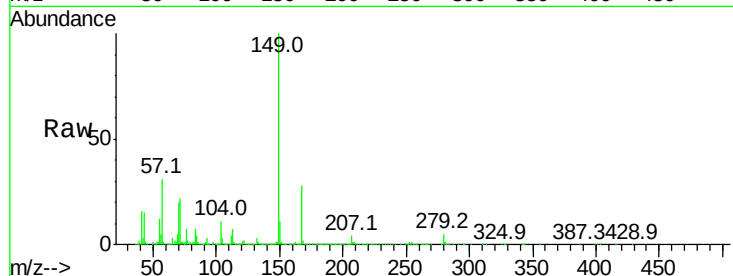
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.232 ng
 RT: 20.96 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	5.0	3.4	5.0#

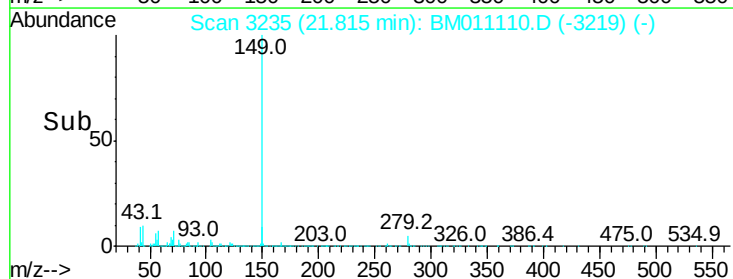
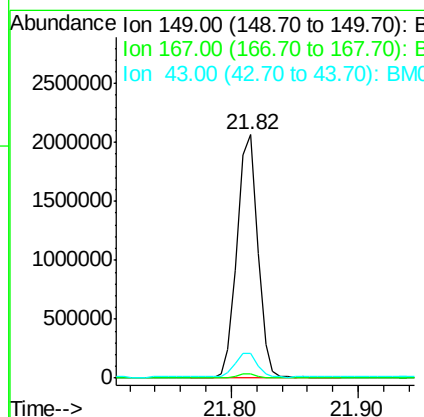
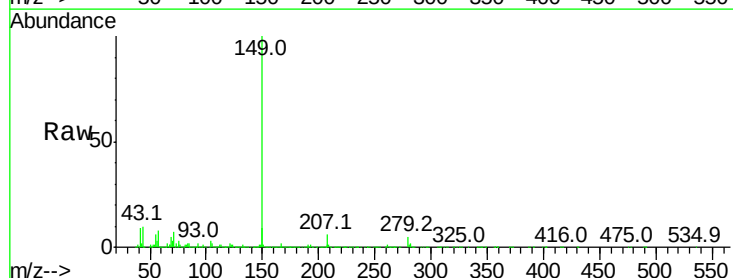
Manual Integrations
 APPROVED

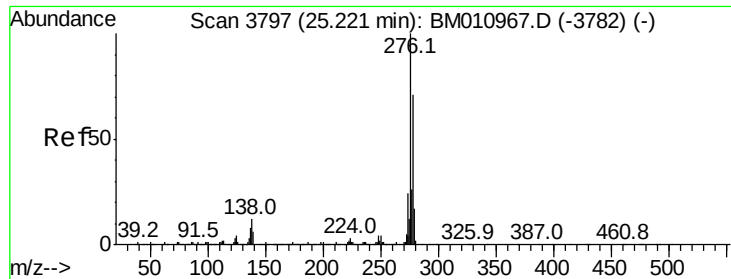
Sohil
 8/3/2017 6:22:39 PM



#84
 Di-n-octyl phthalate
 Concen: 33.836 ng
 RT: 21.82 min Scan# 3235
 Delta R.T. -0.01 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	10.5	7.3	10.9





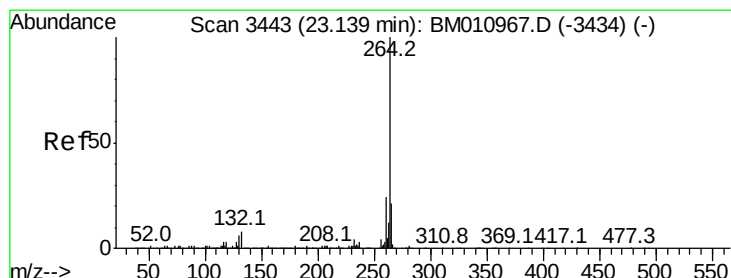
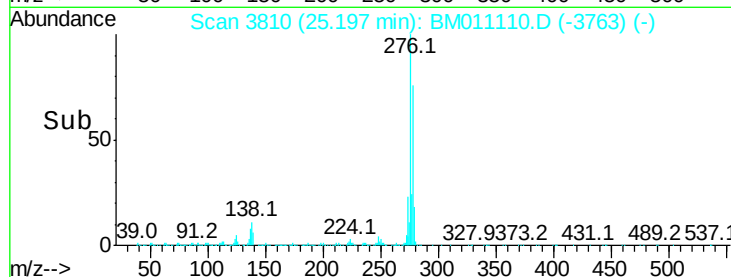
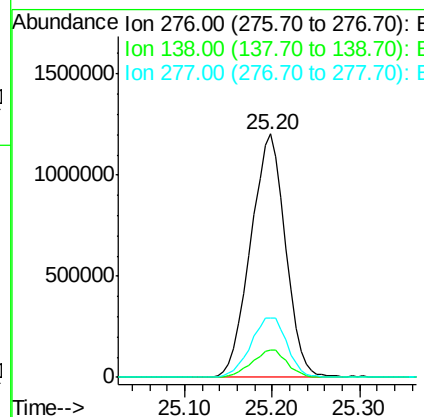
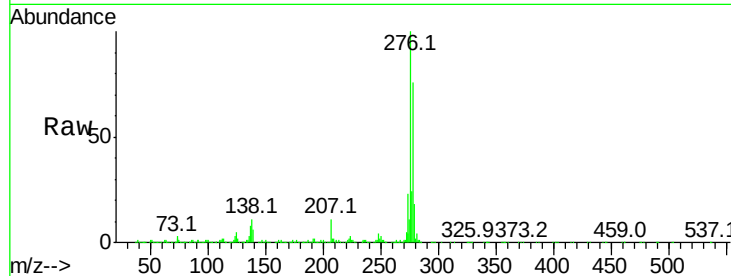
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.057 ng
RT: 25.20 min Scan# 3810
Delta R.T. -0.02 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Instrument :
BNA_M
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.5	12.0	18.0#
277	25.8	20.0	30.0

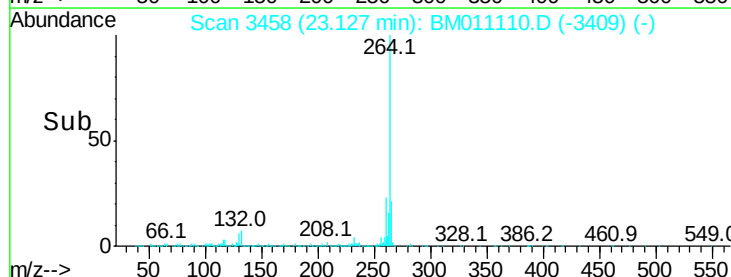
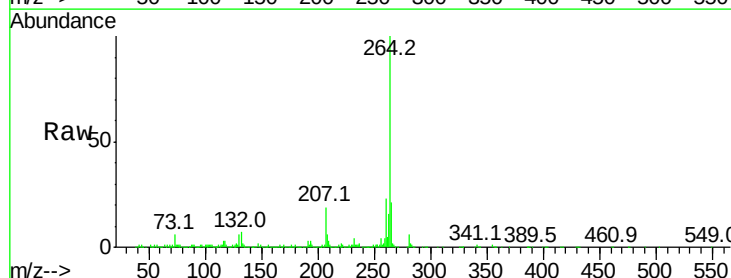
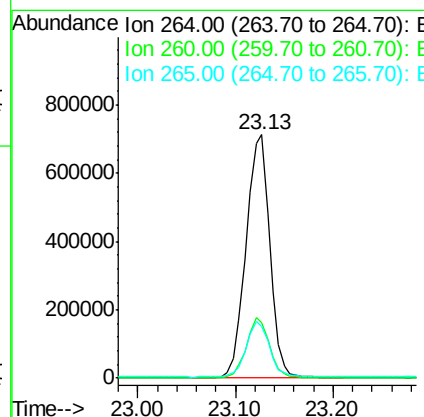
Manual Integrations
APPROVED

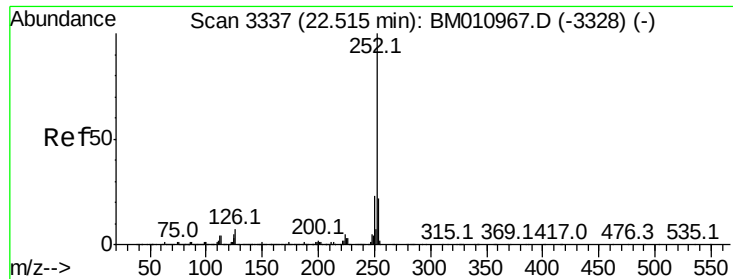
Sohil
8/3/2017 6:22:39 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.13 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.6	27.8
265	21.4	17.3	25.9





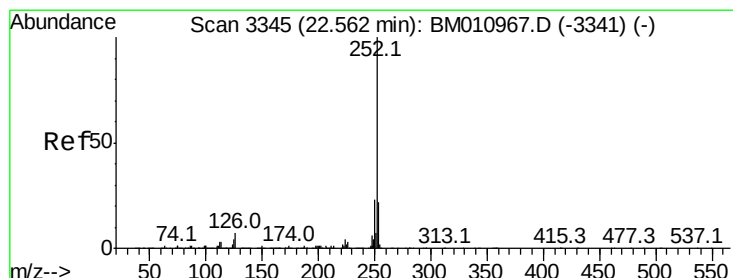
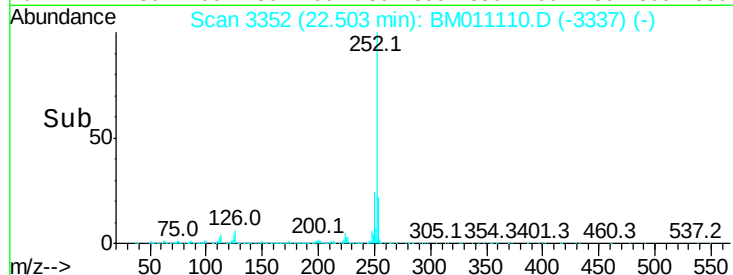
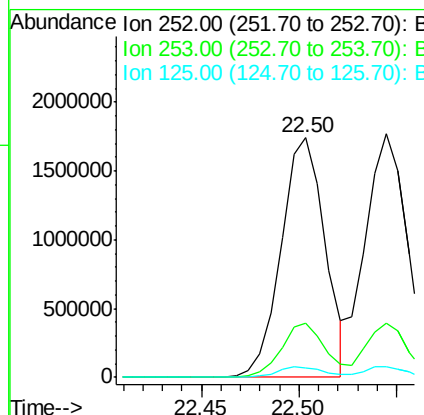
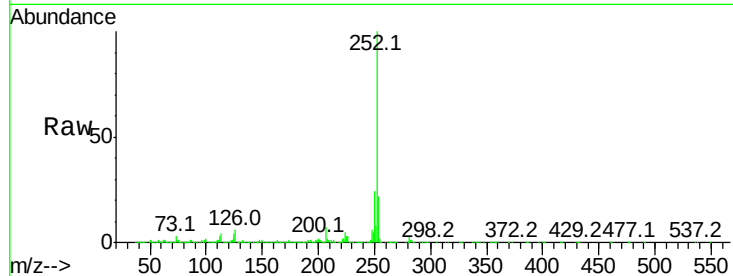
#87
Benzo(b)fluoranthene
Concen: 34.591 ng
RT: 22.50 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Instrument :
BNA_M
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	4.2	9.9	14.9

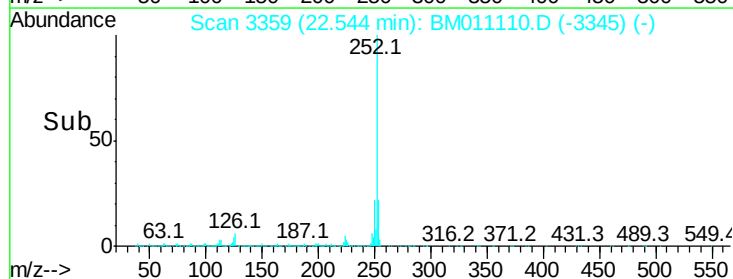
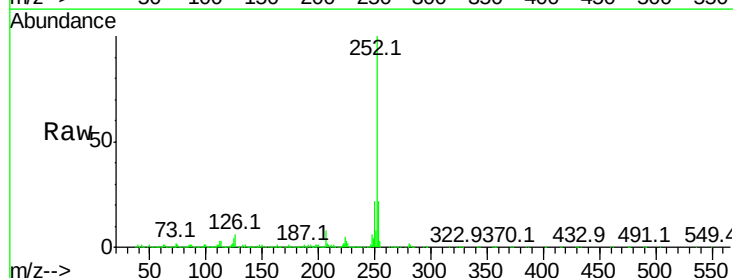
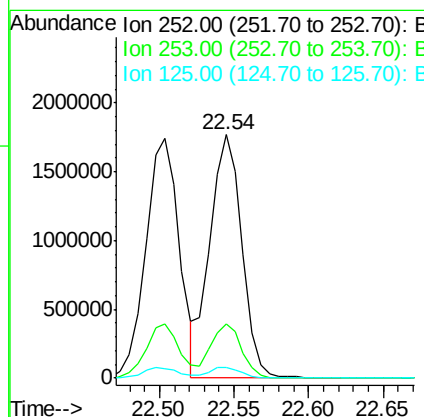
Manual Integrations
APPROVED

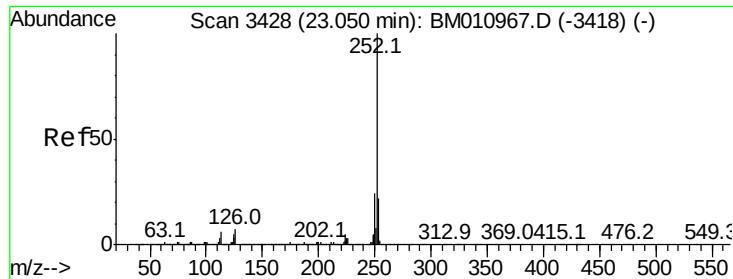
Sohil
8/3/2017 6:22:39 PM



#88
Benzo(k)fluoranthene
Concen: 35.063 ng
RT: 22.54 min Scan# 3359
Delta R.T. -0.02 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	4.3	8.1	12.1





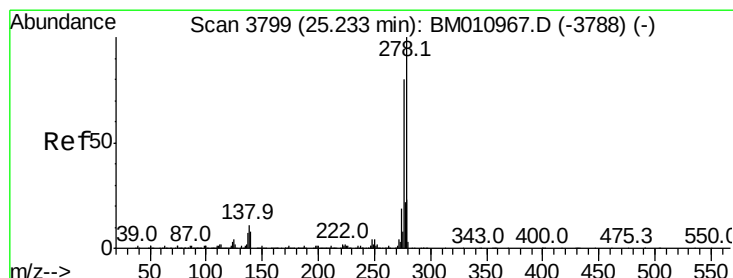
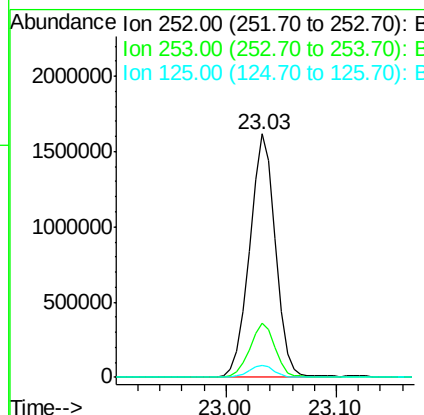
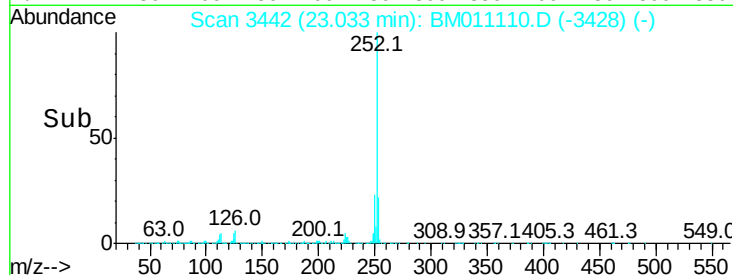
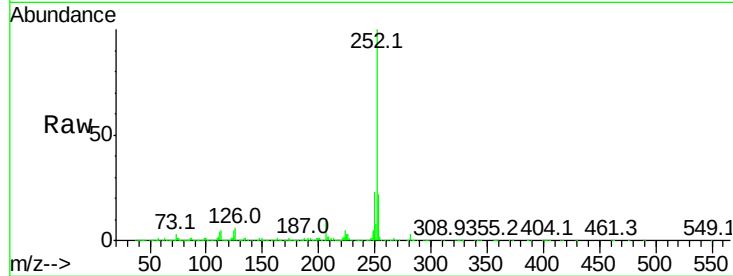
#89
Benzo(a)pyrene
Concen: 37.467 ng
RT: 23.03 min Scan# 3442
Delta R.T. -0.02 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Instrument :
BNA_M
ClientSampleId :
72-11938MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	5.0	7.4	11.2

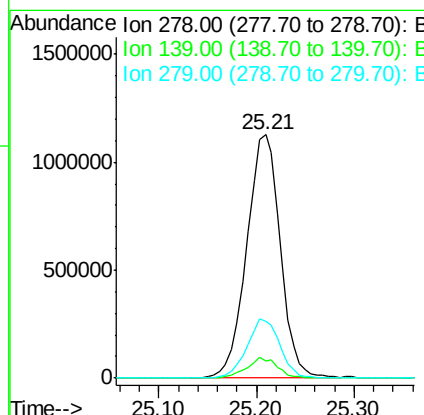
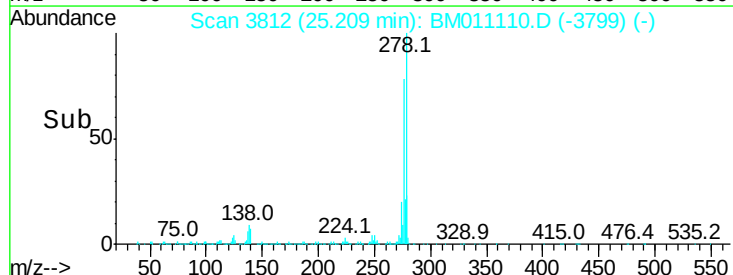
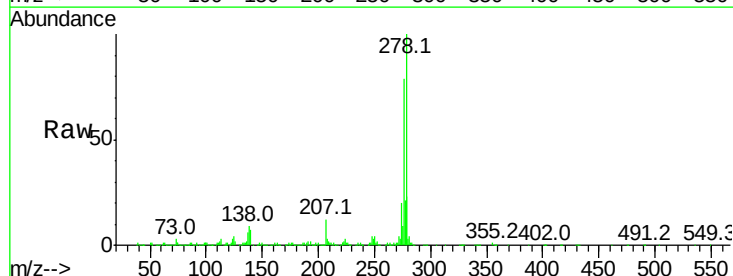
Manual Integrations
APPROVED

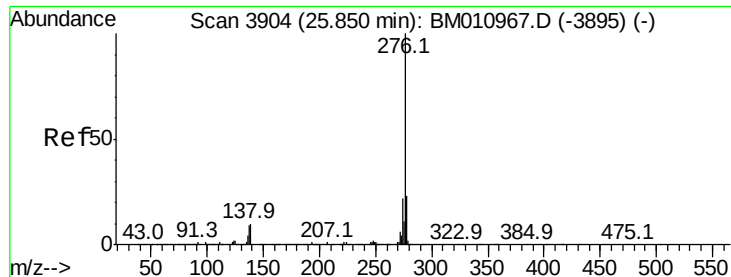
Sohil
8/3/2017 6:22:39 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.146 ng
RT: 25.21 min Scan# 3812
Delta R.T. -0.02 min
Lab File: BM011110.D
Acq: 03 Aug 2017 04:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.1	13.4	20.0
279	23.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.286 ng
 RT: 25.83 min Scan# 3917
 Delta R.T. -0.02 min
 Lab File: BM011110.D
 Acq: 03 Aug 2017 04:54

Instrument :
 BNA_M
 ClientSampleId :
 72-11938MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	8.9	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 8/3/2017 6:22:39 PM

