

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040517\
 Data File : BM009533.D
 Acq On : 04 Apr 2017 17:15
 Operator : SJ/MA
 Sample : PB98027BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Manual Integrations
 APPROVED

UGO
 4/5/2017 7:59:42 PM

Quant Time: Apr 05 04:29:13 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	116654	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	460378	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	274312	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	654952	20.00	ng	-0.01
75) Chrysene-d12	21.41	240	880305	20.00	ng	-0.01
86) Perylene-d12	23.74	264	853143	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1007244	143.92	ng	-0.01
7) Phenol-d6	7.01	99	1407016	147.43	ng	-0.01
23) Nitrobenzene-d5	9.01	82	1014615	82.63	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	517901	151.98	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1924302	84.53	ng	-0.02
78) Terphenyl-d14	19.86	244	3104778	73.70	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	106105	30.15	ng	# 100
3) Pyridine	3.75	79	361224	36.32	ng	# 82
4) n-Nitrosodimethylamine	3.66	42	224764	42.45	ng	# 67
6) Aniline	7.18	93	236202	18.21	ng	# 91
8) 2-Chlorophenol	7.40	128	335852	47.33	ng	# 80
9) Benzaldehyde	6.99	77	232206	30.91	ng	# 84
10) Phenol	7.03	94	487005	47.09	ng	# 93
11) bis(2-Chloroethyl)ether	7.27	93	355928	41.99	ng	# 79
12) 1,3-Dichlorobenzene	7.73	146	348214	40.99	ng	# 87
13) 1,4-Dichlorobenzene	7.88	146	359761	40.98	ng	# 93
14) 1,2-Dichlorobenzene	8.19	146	357237	41.91	ng	# 91
15) Benzyl Alcohol	8.09	79	385457	46.20	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	591579	40.15	ng	# 95
17) 2-Methylphenol	8.28	107	309109	45.68	ng	# 85
18) Hexachloroethane	8.92	117	148809	41.44	ng	# 89
19) n-Nitroso-di-n-propylamine	8.65	70	332817	43.26	ng	# 87
20) 3+4-Methylphenols	8.61	107	413575	44.96	ng	# 92
22) Acetophenone	8.67	105	558321	43.00	ng	# 88
24) Nitrobenzene	9.05	77	516146	42.91	ng	# 88
25) Isophorone	9.57	82	821653	43.87	ng	# 90
26) 2-Nitrophenol	9.76	139	167936	46.29	ng	# 44
27) 2,4-Dimethylphenol	9.81	122	317379	47.82	ng	# 78
28) bis(2-Chloroethoxy)methane	10.05	93	493917	42.59	ng	# 98
29) 2,4-Dichlorophenol	10.29	162	324204	46.73	ng	# 91
30) 1,2,4-Trichlorobenzene	10.50	180	361480	41.99	ng	# 98
31) Naphthalene	10.69	128	1011398	41.39	ng	# 98
32) Benzoic acid	9.94	122	160229	34.91	ng	# 71
33) 4-Chloroaniline	10.81	127	76120	8.08	ng	# 78
34) Hexachlorobutadiene	10.96	225	232075	39.37	ng	# 98
35) Caprolactam	11.59	113	94599m	44.66	ng	# 81
36) 4-Chloro-3-methylphenol	11.92	107	369963	47.13	ng	# 95
37) 2-Methylnaphthalene	12.30	142	745205	44.18	ng	# 100
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	425647	41.10	ng	# 99
40) Hexachlorocyclopentadiene	12.64	237	530317	89.22	ng	# 99

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040517\
 Data File : BM009533.D
 Acq On : 04 Apr 2017 17:15
 Operator : SJ/MA
 Sample : PB98027BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 PB98027BS

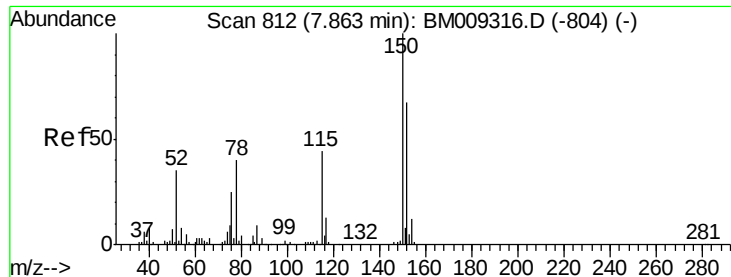
Manual Integrations
 APPROVED

UGO
 4/5/2017 7:59:42 PM

Quant Time: Apr 05 04:29:13 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.92	196	280818	47.42	ng	98
43) 2,4,5-Trichlorophenol	12.98	196	293960	44.49	ng #	86
45) 1,1'-Biphenyl	13.32	154	975465	42.73	ng	96
46) 2-Chloronaphthalene	13.36	162	778925	43.93	ng	95
47) 2-Nitroaniline	13.57	65	310429	47.52	ng #	70
48) Acenaphthylene	14.21	152	1231340	42.63	ng	99
49) Dimethylphthalate	13.94	163	969520	46.03	ng	99
50) 2,6-Dinitrotoluene	14.07	165	207121	45.64	ng #	69
51) Acenaphthene	14.55	154	737719	42.33	ng	99
52) 3-Nitroaniline	14.40	138	72942	16.31	ng #	54
53) 2,4-Dinitrophenol	14.61	184	250632	81.75	ng	88
54) Dibenzofuran	14.89	168	1206908	46.83	ng	95
55) 4-Nitrophenol	14.70	139	367516	99.44	ng #	14
56) 2,4-Dinitrotoluene	14.86	165	294529	47.97	ng #	96
57) Fluorene	15.54	166	990873	42.78	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	267663	47.90	ng #	100
59) Diethylphthalate	15.31	149	990914	46.38	ng	98
60) 4-Chlorophenyl-phenylether	15.53	204	527526	43.61	ng	95
61) 4-Nitroaniline	15.57	138	224511	46.23	ng #	32
62) Azobenzene	15.82	77	1274475	51.10	ng	86
64) 4,6-Dinitro-2-methylphenol	15.62	198	182219	44.16	ng	88
65) n-Nitrosodiphenylamine	15.75	169	862911	43.37	ng	99
66) 4-Bromophenyl-phenylether	16.43	248	319918	42.16	ng #	92
67) Hexachlorobenzene	16.54	284	347445	41.77	ng #	90
68) Atrazine	16.70	200	303632	40.58	ng	98
69) Pentachlorophenol	16.89	266	437157	86.04	ng	97
70) Phenanthrene	17.28	178	1608538	42.95	ng	99
71) Anthracene	17.37	178	1654202	43.63	ng	99
72) Carbazole	17.64	167	1508862	41.55	ng	98
73) Di-n-butylphthalate	18.19	149	1760593	47.47	ng #	98
74) Fluoranthene	19.30	202	1988473	44.83	ng	99
76) Benzidine	19.49	184	493255	18.80	ng	99
77) Pyrene	19.66	202	2078939	41.64	ng	98
79) Butylbenzylphthalate	20.54	149	858279	47.74	ng #	75
80) Benzo(a)anthracene	21.40	228	2277669	44.30	ng	97
81) 3,3'-Dichlorobenzidine	21.34	252	532371	27.65	ng #	95
82) Chrysene	21.45	228	2042378	41.60	ng	98
83) Bis(2-ethylhexyl)phthalate	21.31	149	1218183	45.41	ng	98
84) Di-n-octyl phthalate	22.21	149	2175286	48.72	ng #	90
85) Indeno(1,2,3-cd)pyrene	26.11	276	2564120	47.89	ng #	100
87) Benzo(b)fluoranthene	23.03	252	2271275	42.00	ng #	95
88) Benzo(k)fluoranthene	23.08	252	2250792	43.28	ng	98
89) Benzo(a)pyrene	23.64	252	2206117	44.06	ng	98
90) Dibenzo(a,h)anthracene	26.12	278	2169398	44.22	ng #	95
91) Benzo(g,h,i)perylene	26.83	276	2086832	43.64	ng #	92

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



#1

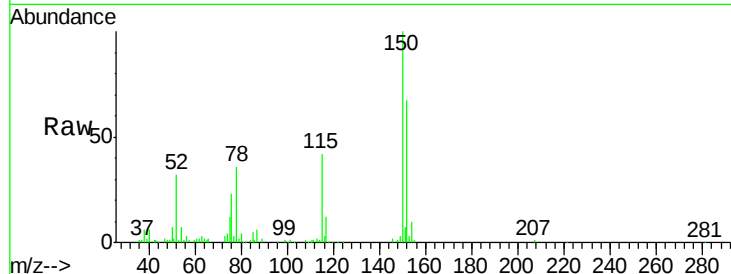
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampled :
PB98027BS

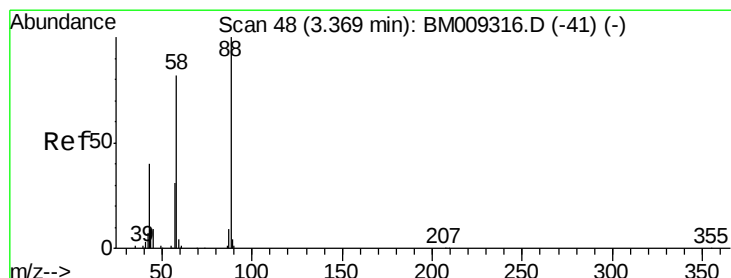
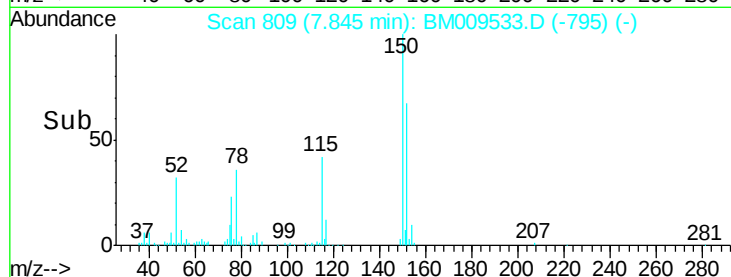
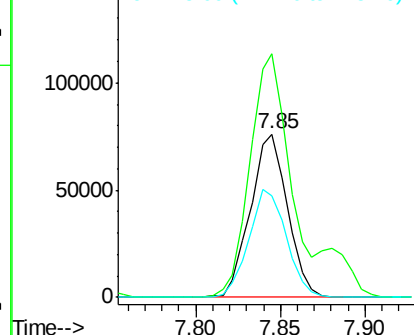
Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.3	119.5	179.3
115	62.0	43.0	64.4

Manual Integrations
APPROVED

UGO
4/5/2017 7:59:42 PM



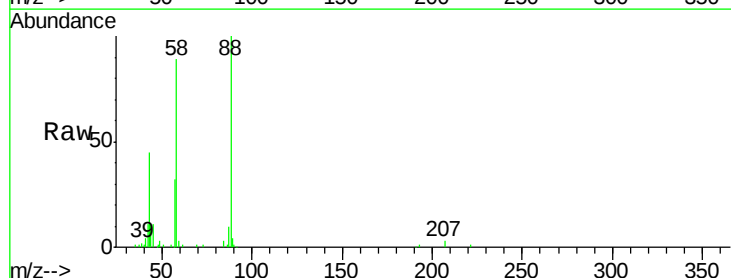
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



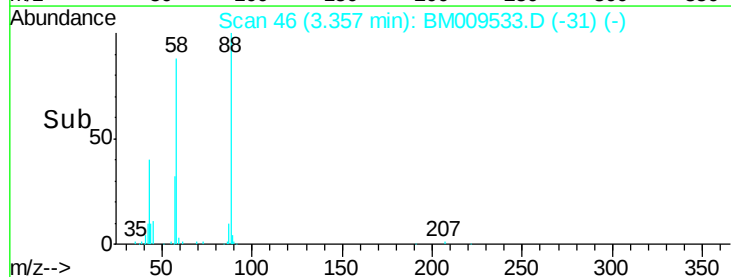
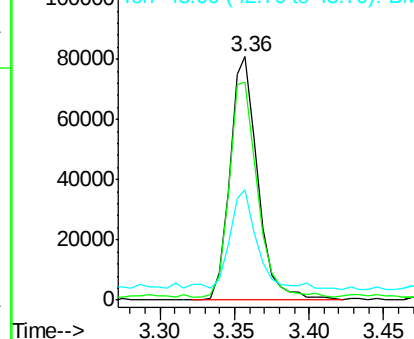
#2

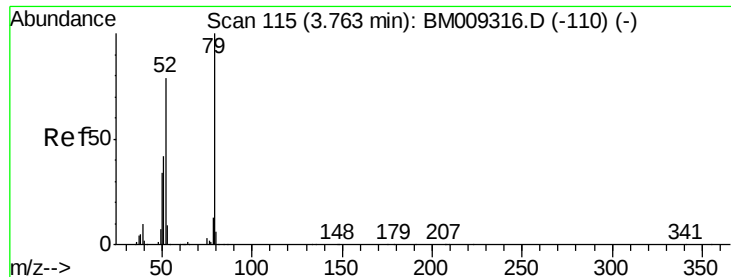
1,4-Dioxane
Concen: 30.15 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.9	0.0	0.0#
43	35.9	0.0	0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 36.32 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

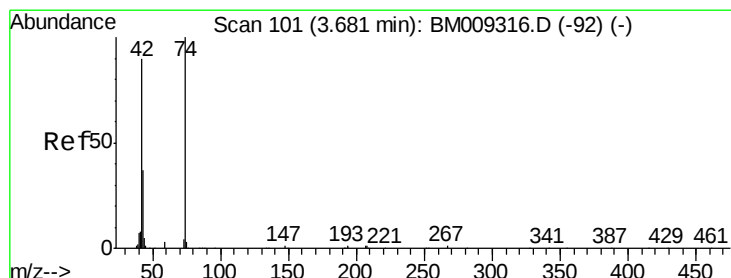
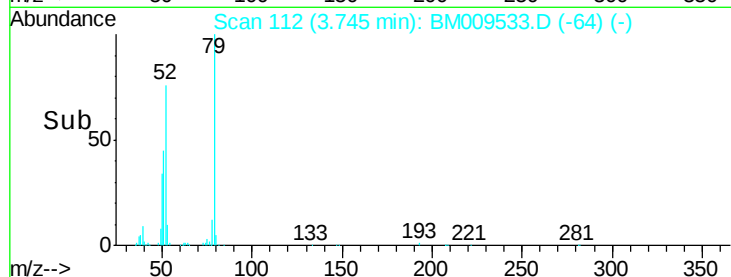
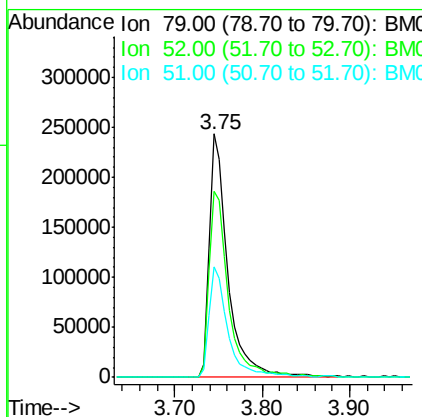
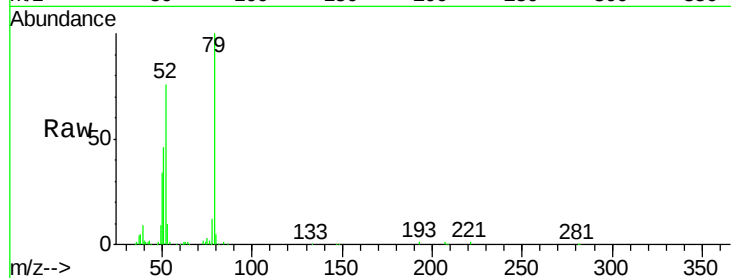
PB98027BS

Tgt Ion:	79	Resp:	361224
Ion Ratio	Lower	Upper	
79	100		
52	76.2	51.1	76.7
51	45.5	26.1	39.1#

Manual Integrations
APPROVED

UGO

4/5/2017 7:59:42 PM



#4

n-Nitrosodimethylamine

Concen: 42.45 ng

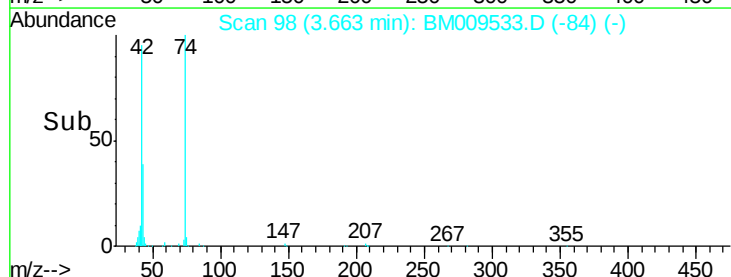
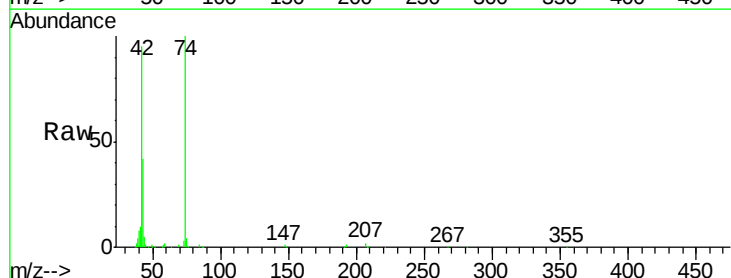
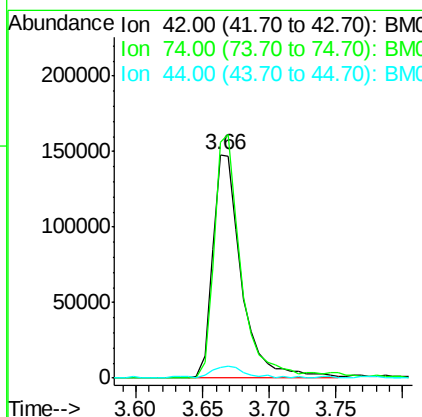
RT: 3.66 min Scan# 98

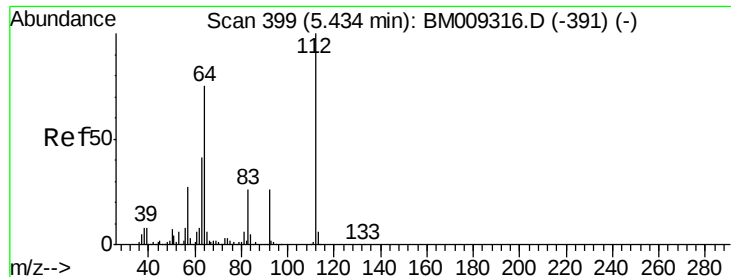
Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Tgt Ion:	42	Resp:	224764
Ion Ratio	Lower	Upper	
42	100		
74	105.5	119.3	178.9#
44	5.1	5.4	8.2#





#5

2-Fluorophenol

Concen: 143.92 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

Tgt Ion: 112 Resp: 1007244

Ion Ratio Lower Upper

112 100

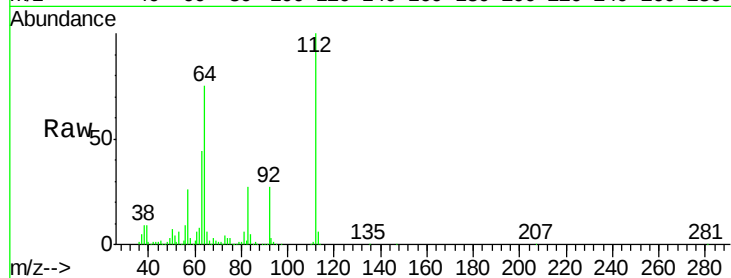
64 75.3 38.6 57.8#

63 43.8 19.3 28.9#

Manual Integrations
APPROVED

UGO

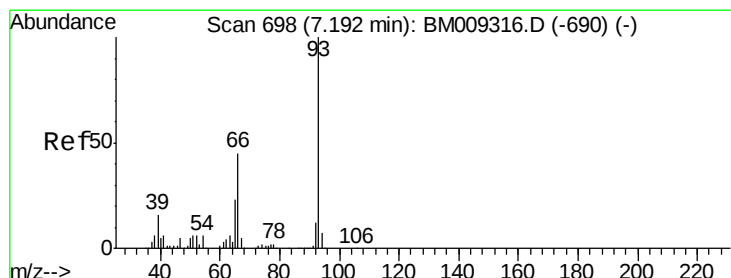
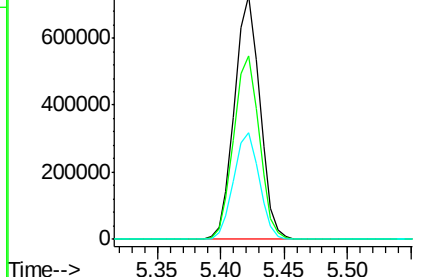
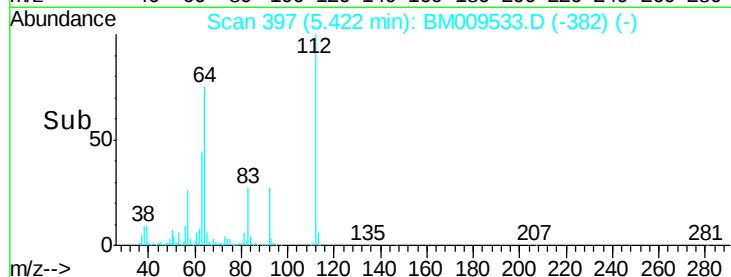
4/5/2017 7:59:42 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 18.21 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

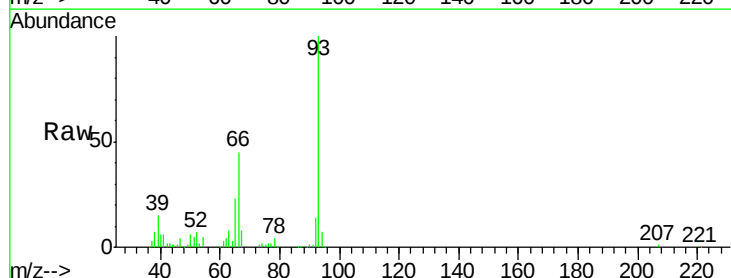
Tgt Ion: 93 Resp: 236202

Ion Ratio Lower Upper

93 100

66 44.8 30.8 46.2

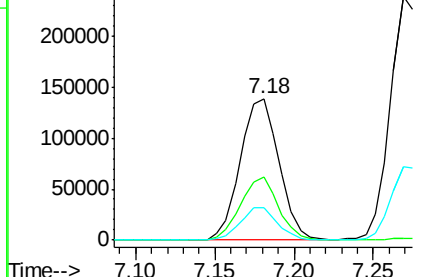
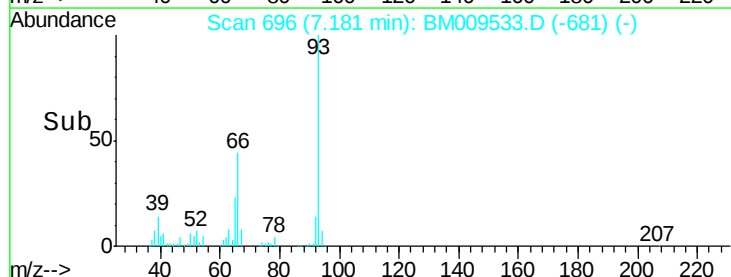
65 22.8 16.0 24.0

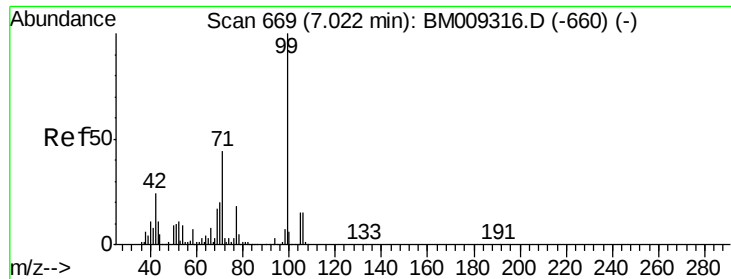


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 147.43 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

Tgt Ion: 99 Resp: 1407016

Ion Ratio Lower Upper

99 100

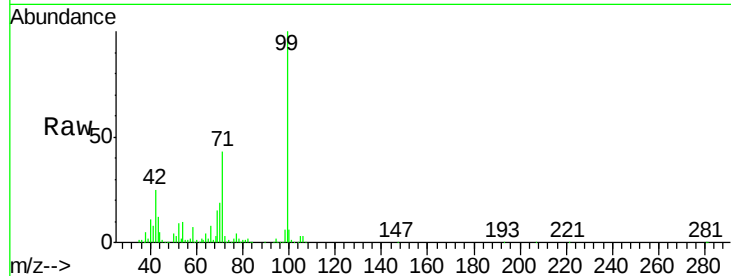
42 25.1 11.0 16.4#

71 43.3 23.4 35.2#

Manual Integrations
APPROVED

UGO

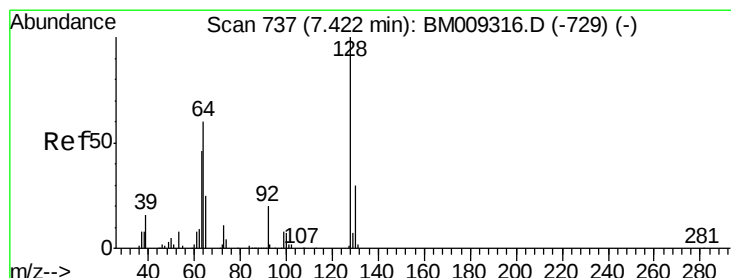
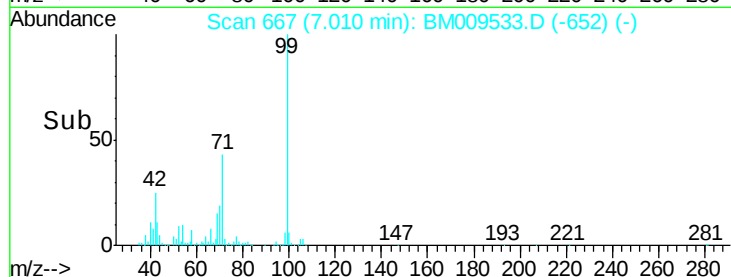
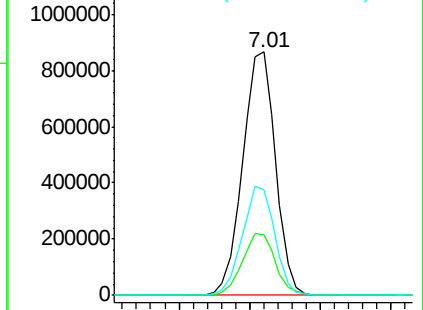
4/5/2017 7:59:42 PM



Abundance Ion 99.00 (98.70 to 99.70): BM009533.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009533.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009533.D (-652) (-)



#8

2-Chlorophenol

Concen: 47.33 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

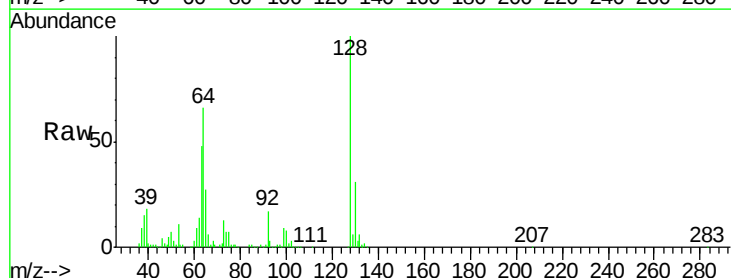
Tgt Ion: 128 Resp: 335852

Ion Ratio Lower Upper

128 100

130 30.9 12.0 52.0

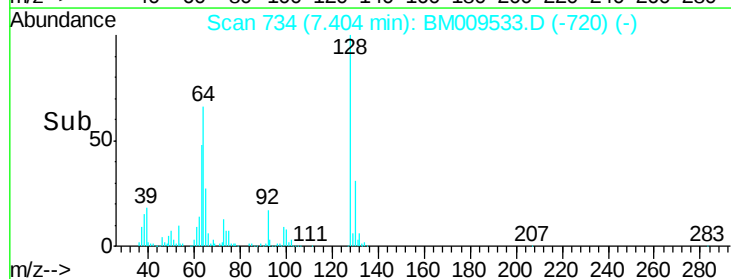
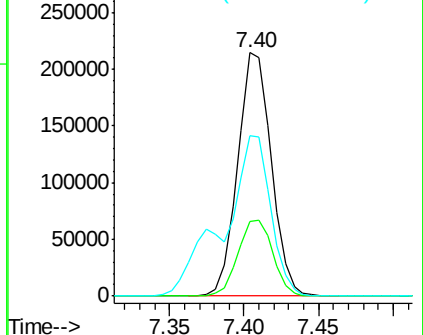
64 65.8 24.9 64.9#

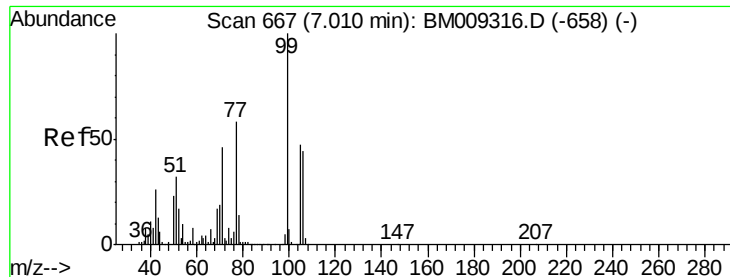


Abundance Ion 128.00 (127.70 to 128.70): BM009533.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BM009533.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BM009533.D (-720) (-)





#9

Benzaldehyde

Concen: 30.91 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

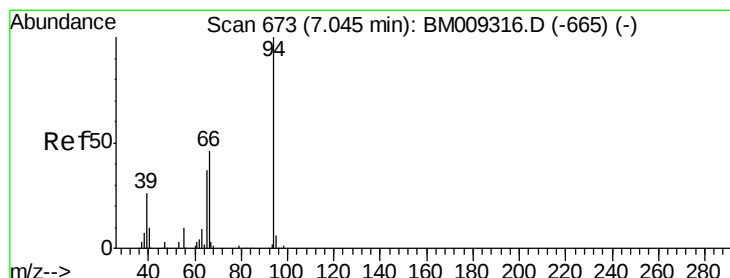
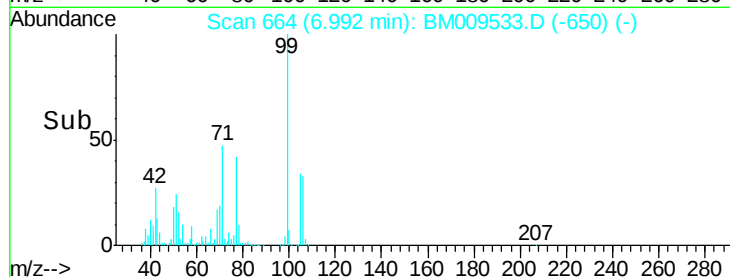
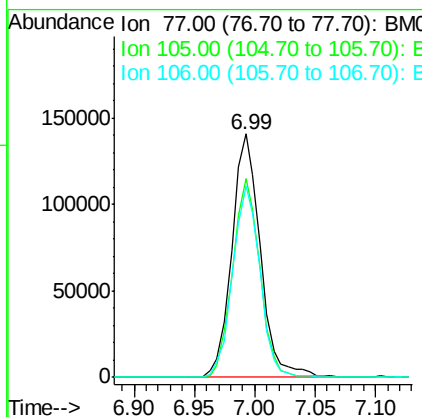
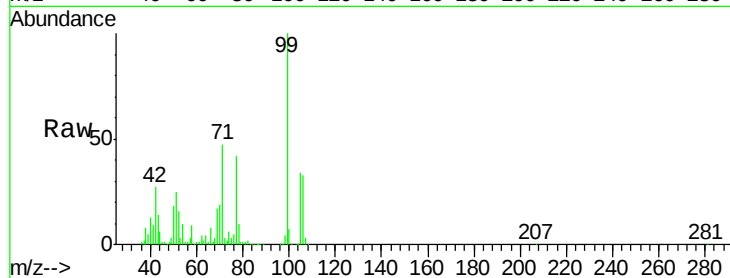
PB98027BS

Tgt Ion:	77	Resp:	232206
Ion Ratio	Lower	Upper	
77	100		
105	81.9	78.8	118.8
106	78.7	73.7	113.7

Manual Integrations
APPROVED

UGO

4/5/2017 7:59:42 PM



#10

Phenol

Concen: 47.09 ng

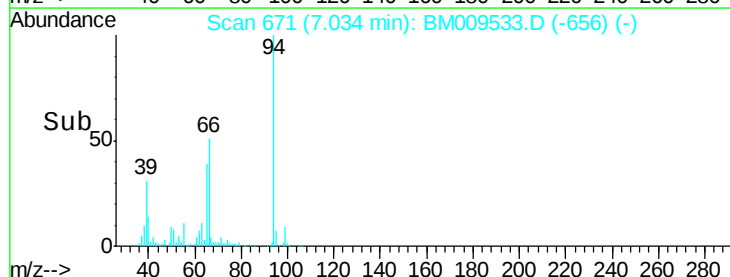
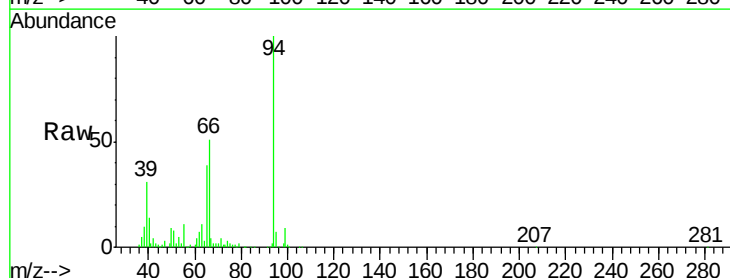
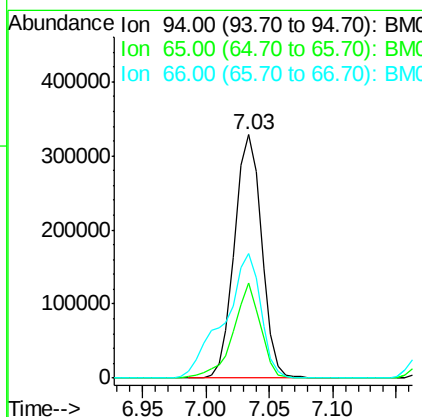
RT: 7.03 min Scan# 671

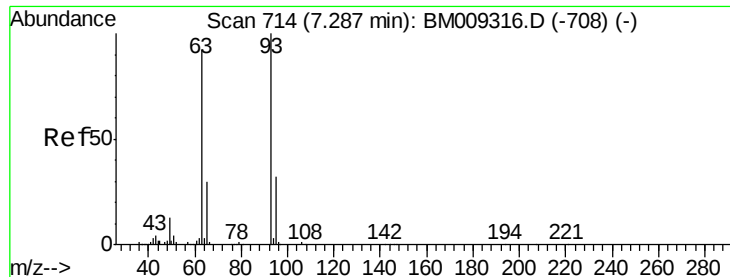
Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Tgt Ion:	94	Resp:	487005
Ion Ratio	Lower	Upper	
94	100		
65	38.8	18.8	58.8
66	51.3	39.9	79.9





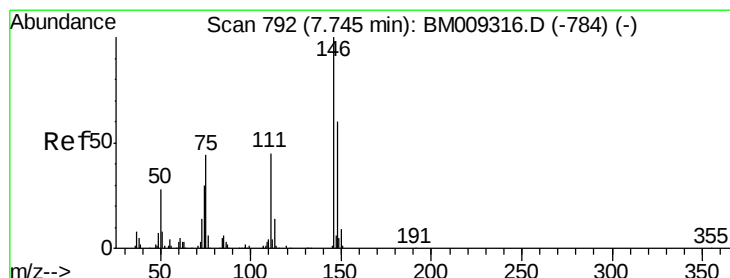
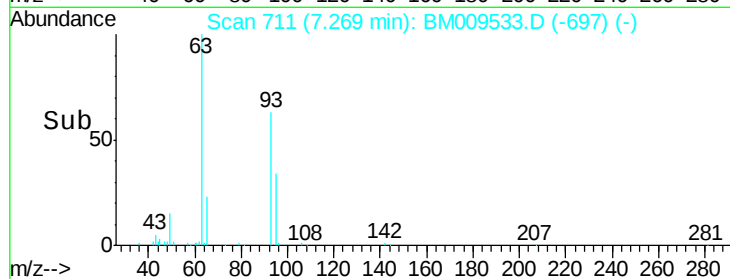
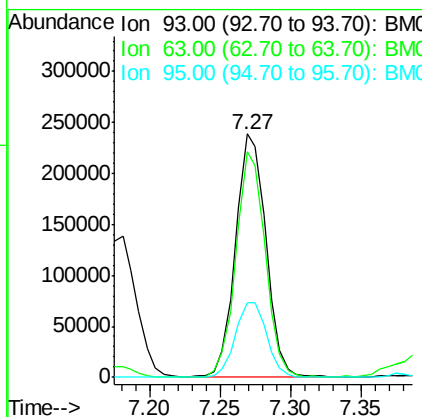
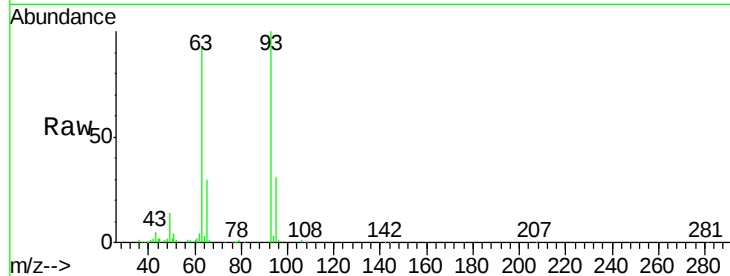
#11
bis(2-Chloroethyl)ether
Concen: 41.99 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	355928		
63	92.7	49.5	89.5#	
95	30.7	13.5	53.5	

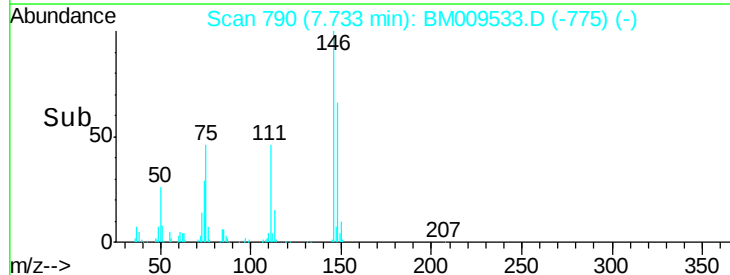
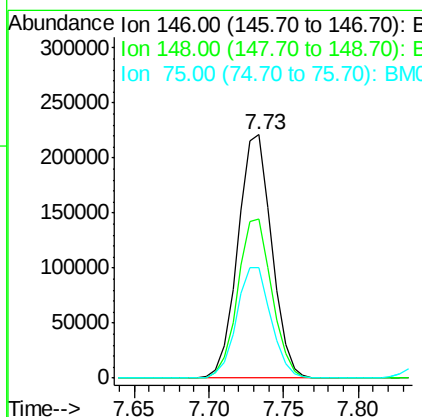
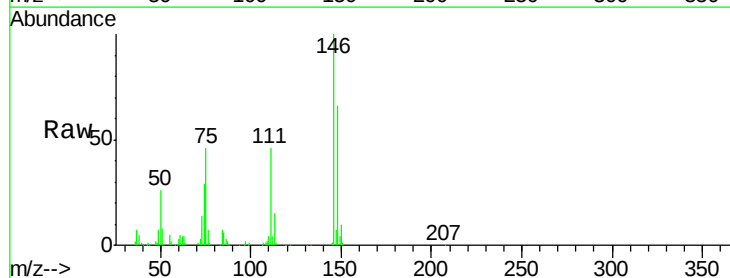
Manual Integrations
APPROVED

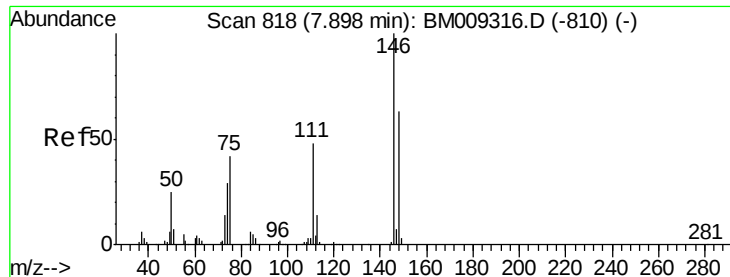
UGO
4/5/2017 7:59:42 PM



#12
1,3-Dichlorobenzene
Concen: 40.99 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	348214		
148	65.5	50.9	76.3	
75	45.6	21.4	32.2#	





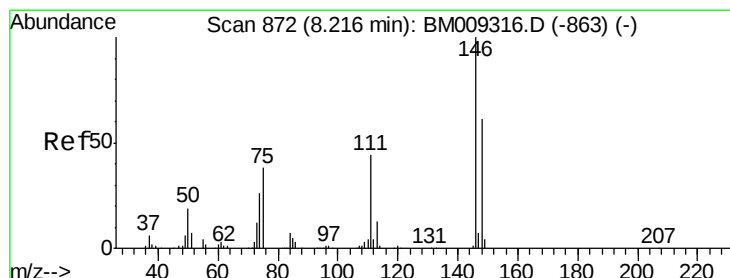
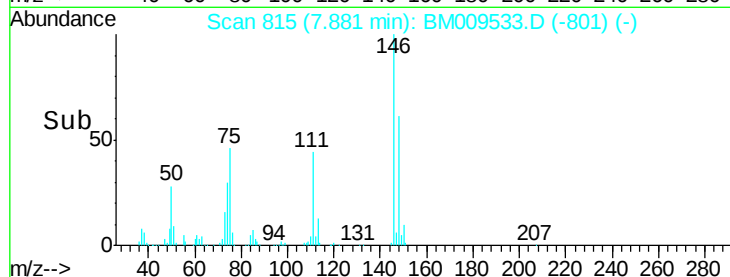
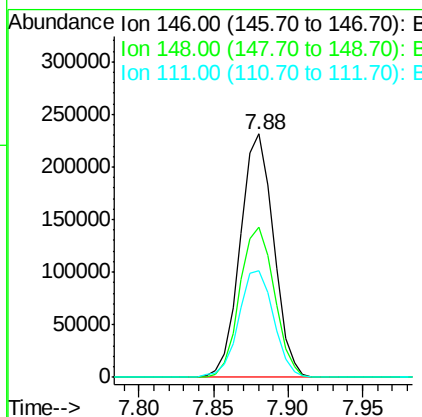
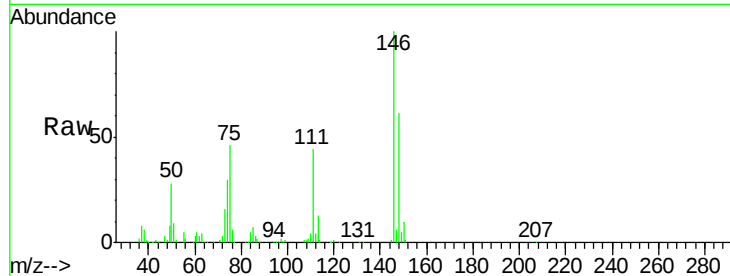
#13
 1,4-Dichlorobenzene
 Concen: 40.98 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	359761		
148	61.4	51.9	77.9	
111	44.0	29.2	43.8	

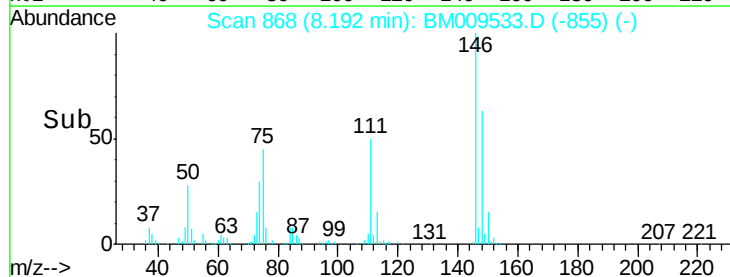
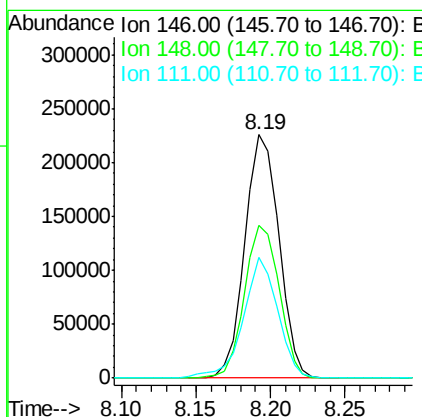
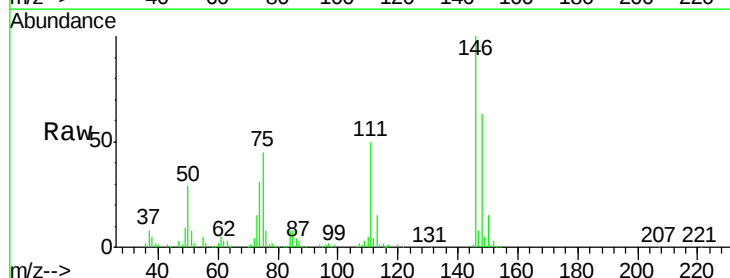
Manual Integrations
 APPROVED

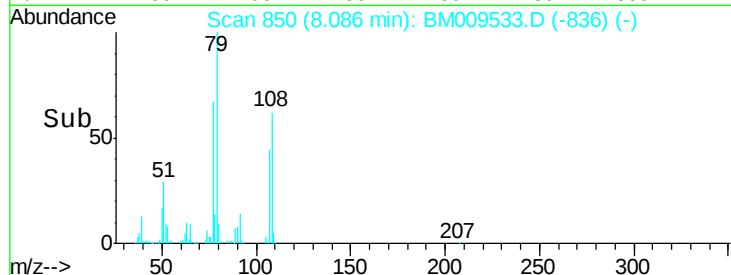
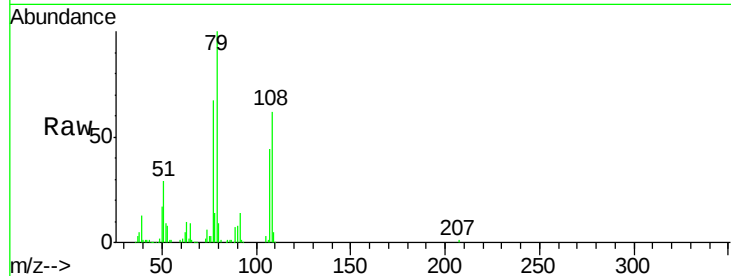
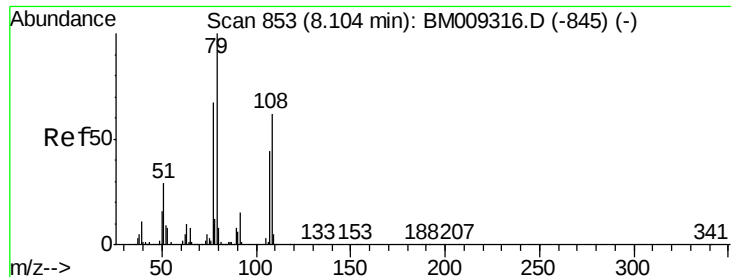
UGO
 4/5/2017 7:59:42 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.91 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	357237		
148	62.9	52.3	78.5	
111	49.7	30.6	45.8	





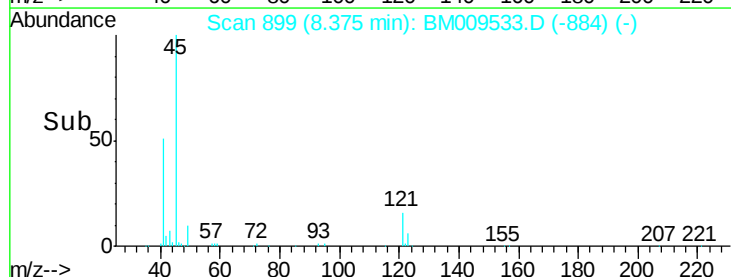
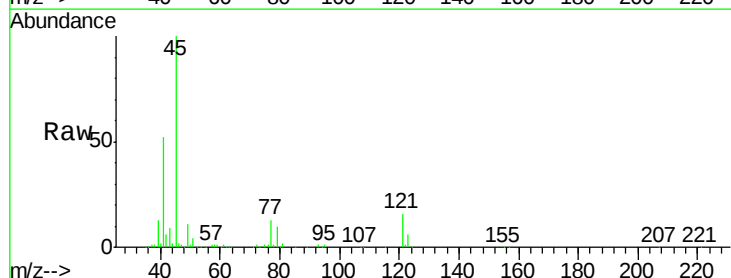
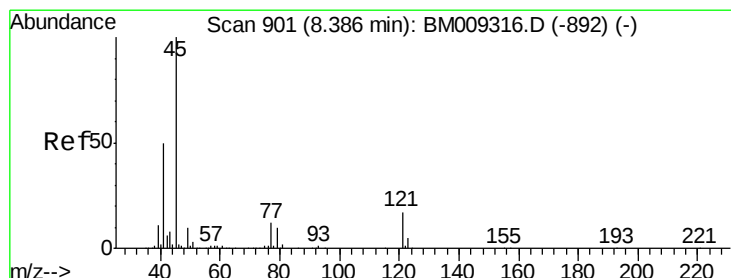
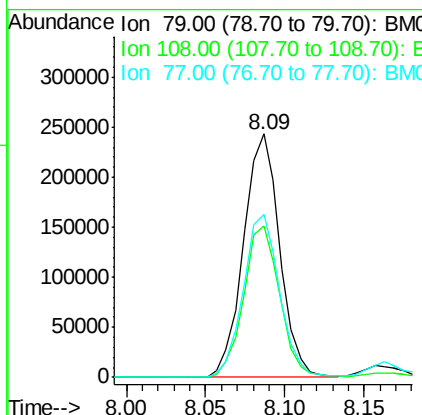
#15
Benzyl Alcohol
Concen: 46.20 ng
RT: 8.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	385457		
108	62.2	65.0	97.4#	
77	66.9	53.0	79.6	

Instrument :
BNA_M
ClientSampleId :
PB98027BS

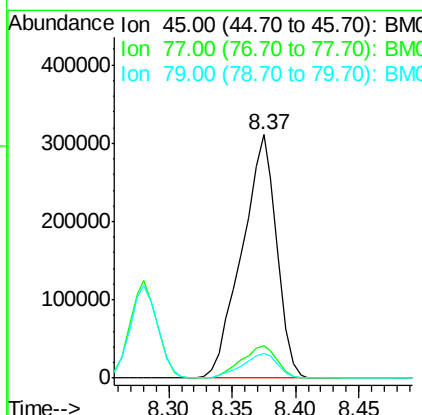
Manual Integrations
APPROVED

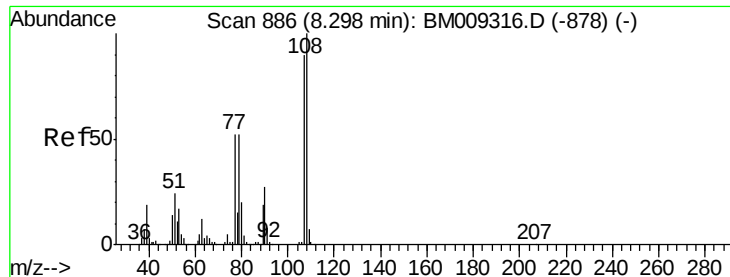
UGO
4/5/2017 7:59:42 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.15 ng
RT: 8.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	591579		
77	13.4	0.0	35.2	
79	9.9	0.0	32.0	





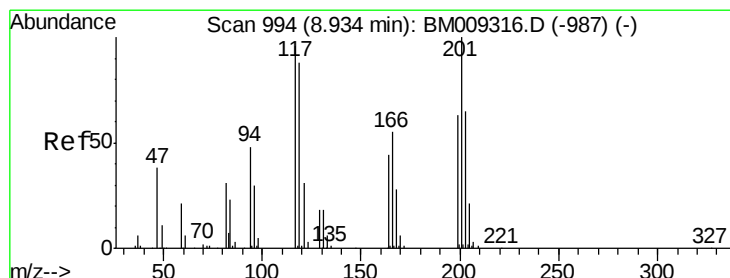
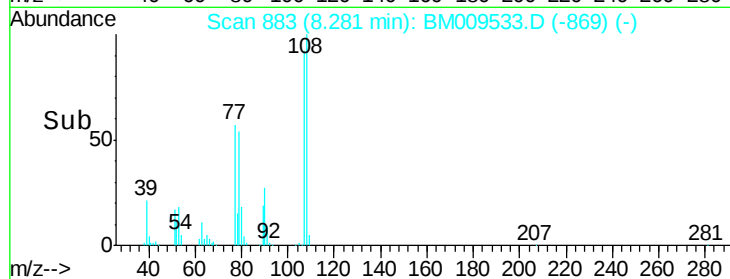
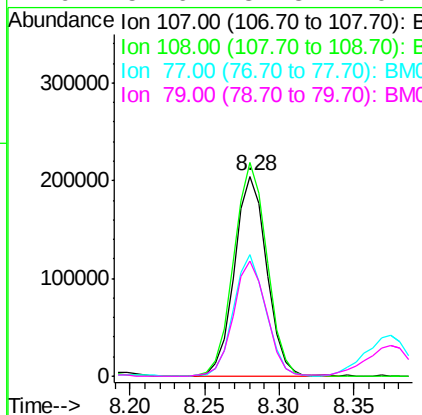
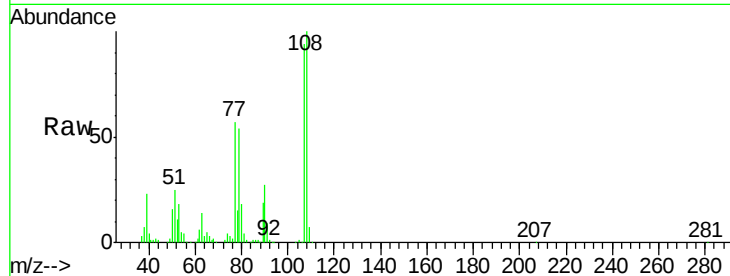
#17
 2-Methylphenol
 Concen: 45.68 ng
 RT: 8.28 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion:	107	Resp:	309109
Ion Ratio	Lower	Upper	
107	100		
108	106.9	89.8	134.8
77	60.9	32.6	48.8#
79	57.6	32.8	49.2#

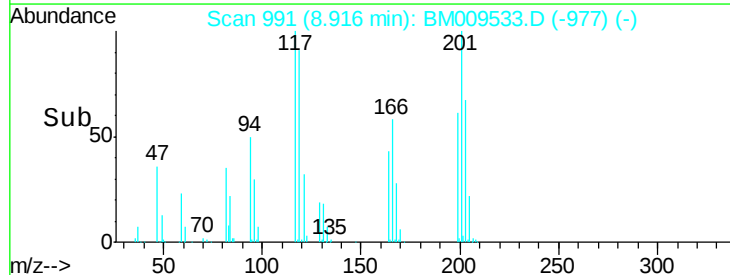
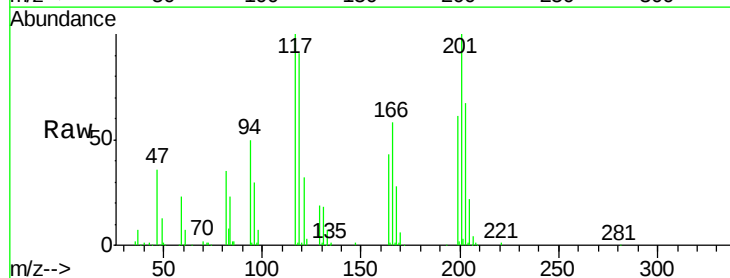
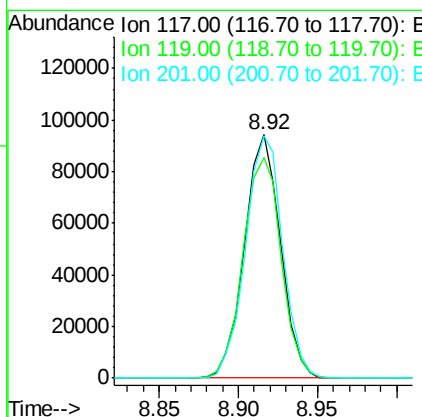
Manual Integrations
 APPROVED

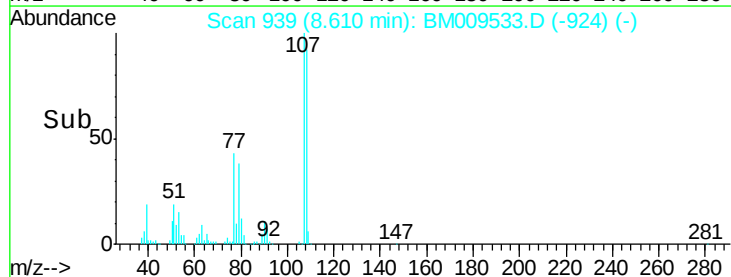
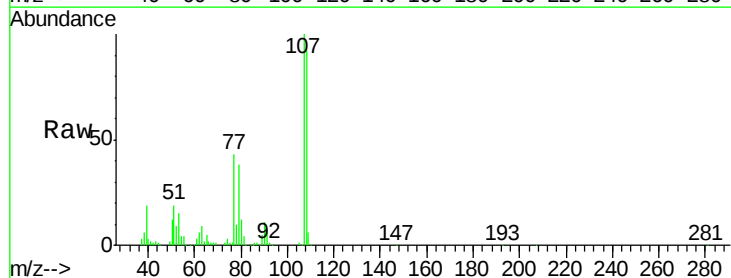
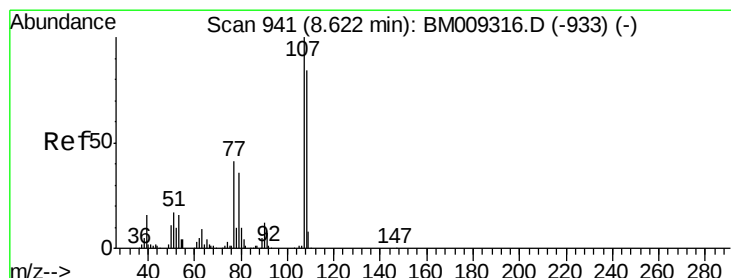
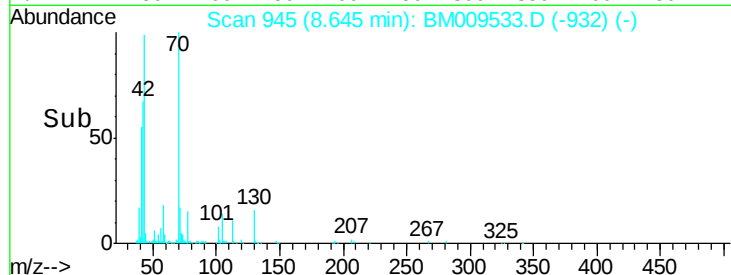
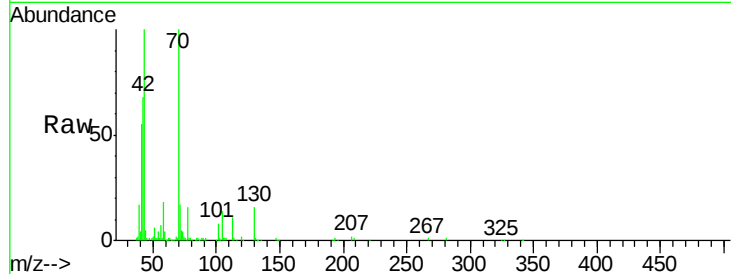
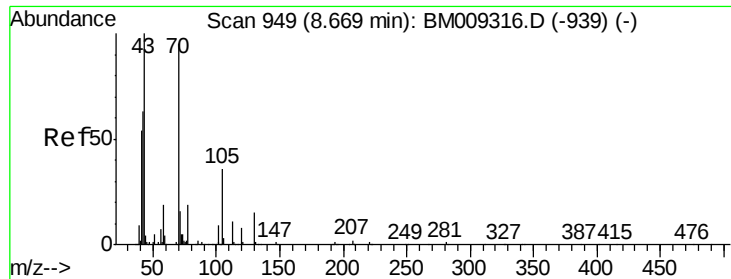
UGO
 4/5/2017 7:59:42 PM



#18
 Hexachloroethane
 Concen: 41.44 ng
 RT: 8.92 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion:	117	Resp:	148809
Ion Ratio	Lower	Upper	
117	100		
119	90.8	79.2	118.8
201	99.5	69.8	104.6





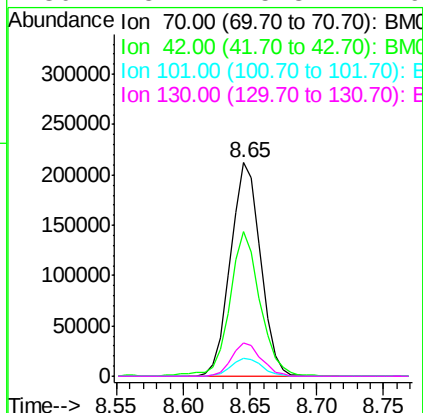
#19
n-Nitroso-di-n-propylamine
Concen: 43.26 ng
RT: 8.65 min Scan# 945
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB98027BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	67.7	44.5	66.7#
101	8.4	7.4	11.2
130	15.7	15.3	22.9

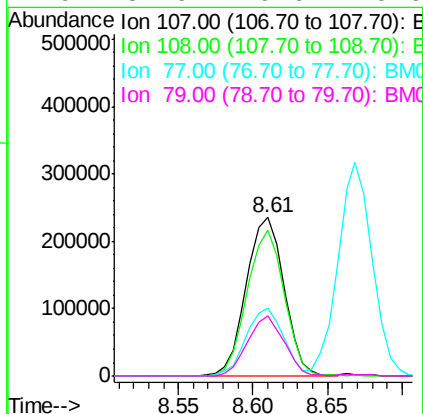
Manual Integrations
APPROVED

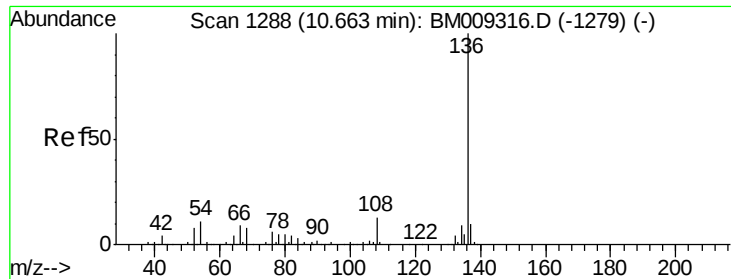
UGO
4/5/2017 7:59:42 PM



#20
3+4-Methylphenols
Concen: 44.96 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.3	73.2	113.2
77	42.8	10.7	50.7
79	37.9	9.6	49.6





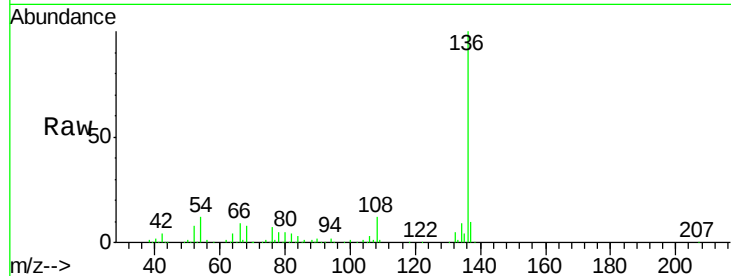
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB98027BS

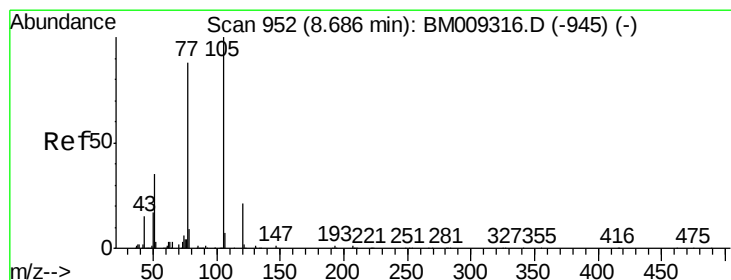
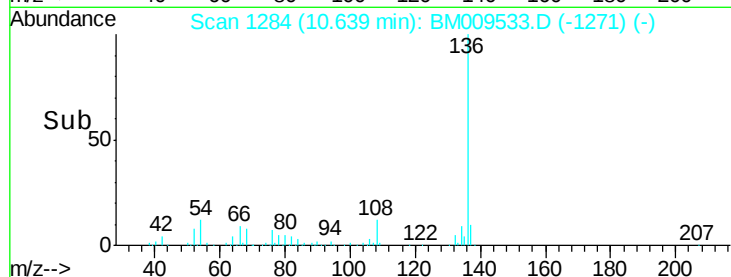
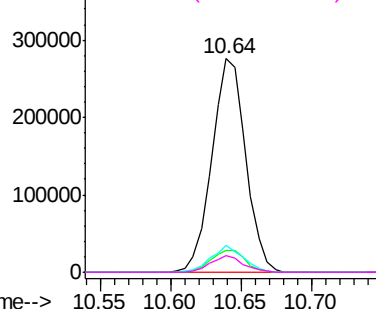
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	460378		
137	10.5	8.7	13.1	
54	12.5	4.6	6.8#	
68	7.6	3.7	5.5#	

Manual Integrations
APPROVED

UGO
4/5/2017 7:59:42 PM



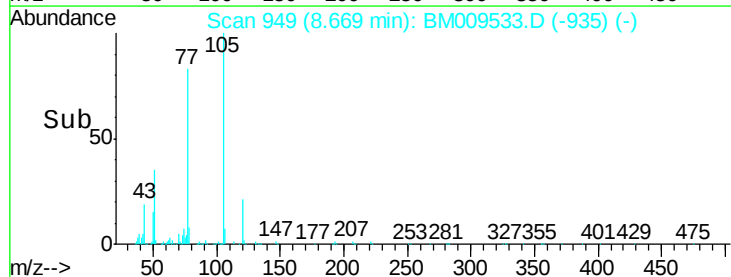
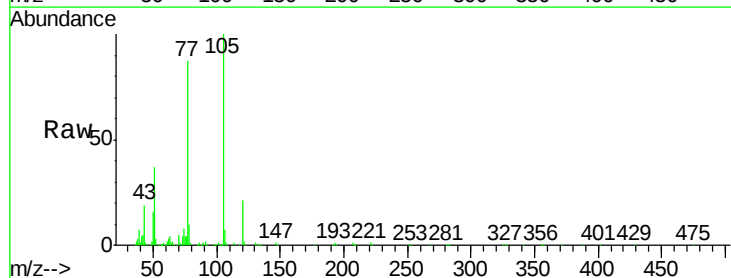
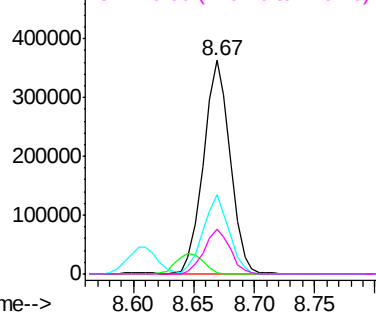
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

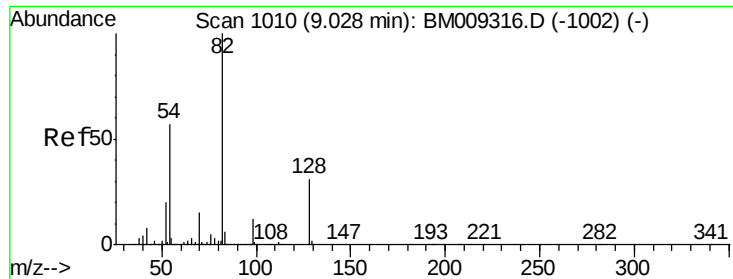


#22
Acetophenone
Concen: 43.00 ng
RT: 8.67 min Scan# 949
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	558321		
71	0.7	0.6	1.0	
51	37.0	21.6	32.4#	
120	20.9	16.1	24.1	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





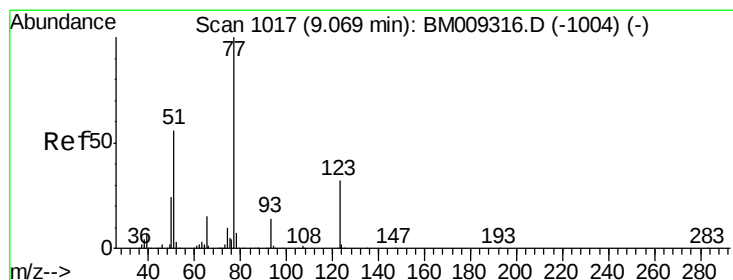
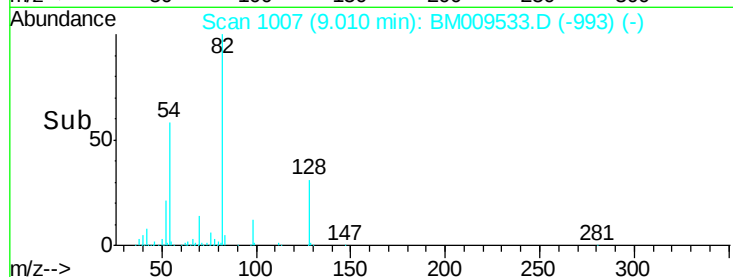
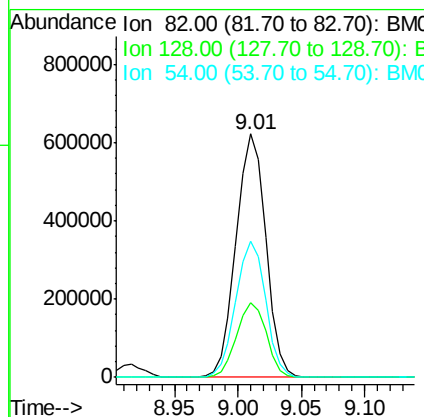
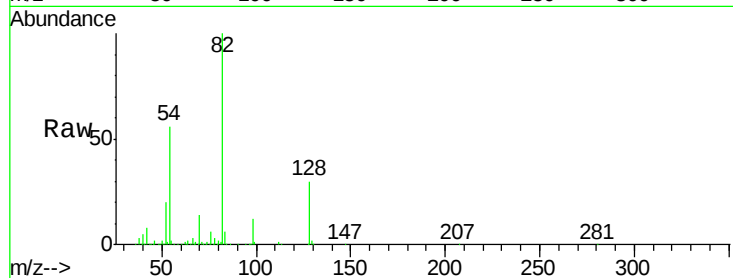
#23
 Nitrobenzene-d5
 Concen: 82.63 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.5	32.8	49.2#
54	56.0	40.6	60.8

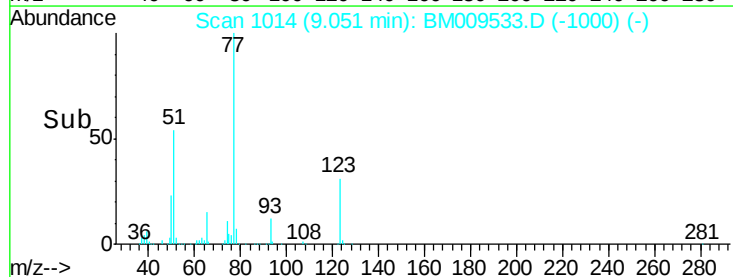
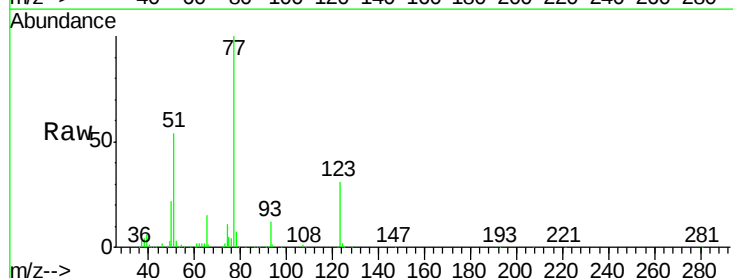
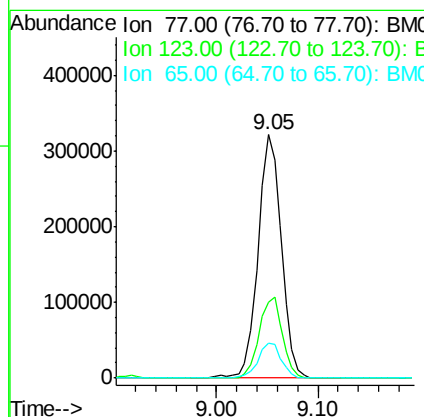
Manual Integrations
 APPROVED

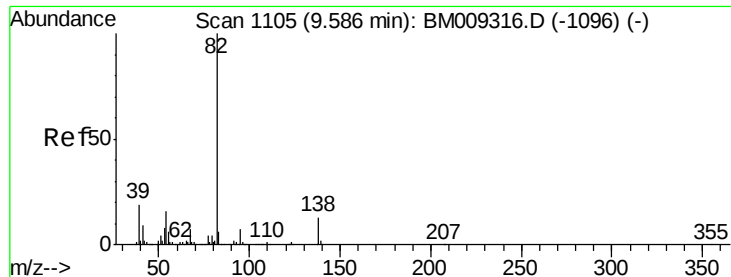
UGO
 4/5/2017 7:59:42 PM



#24
 Nitrobenzene
 Concen: 42.91 ng
 RT: 9.05 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	31.4	32.6	49.0#
65	14.6	10.9	16.3





#25

Isophorone

Concen: 43.87 ng

RT: 9.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

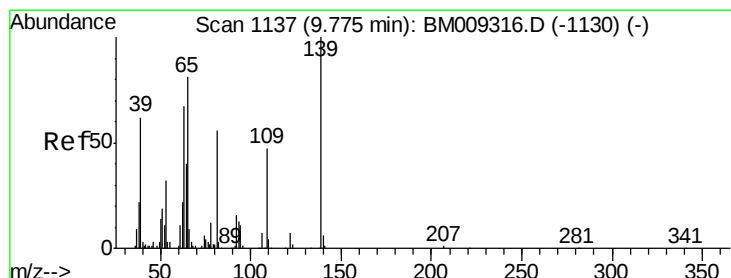
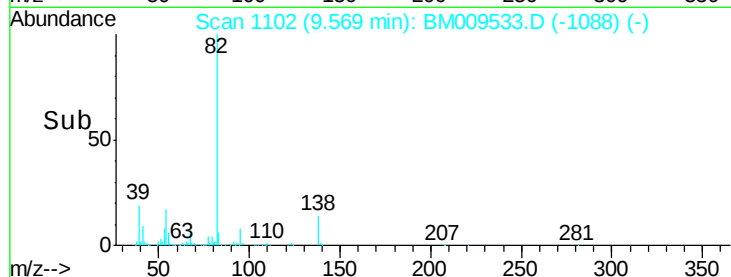
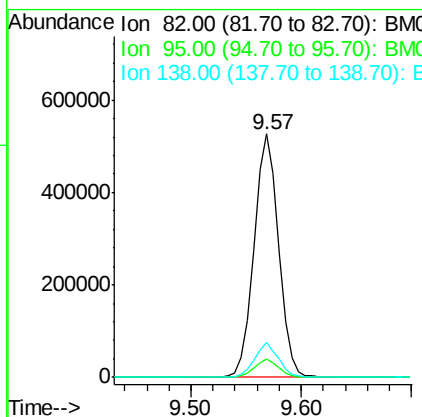
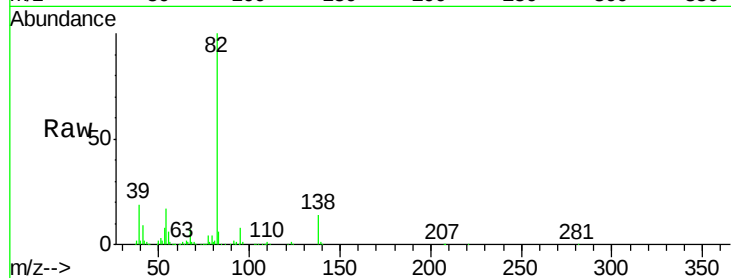
PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	821653		
95	7.5	5.8	8.6	
138	14.3	16.3	24.5#	

Manual Integrations
APPROVED

UGO

4/5/2017 7:59:42 PM



#26

2-Nitrophenol

Concen: 46.29 ng

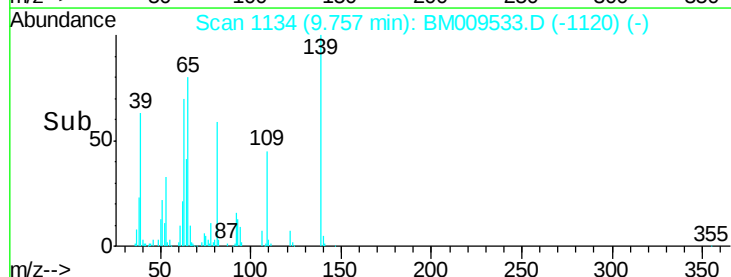
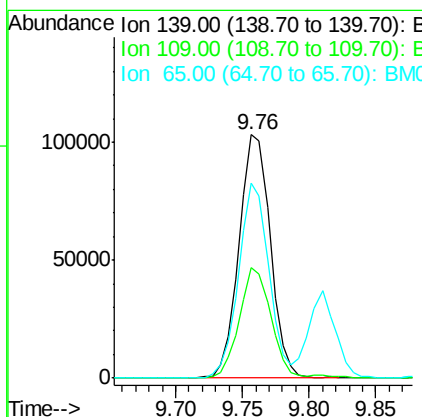
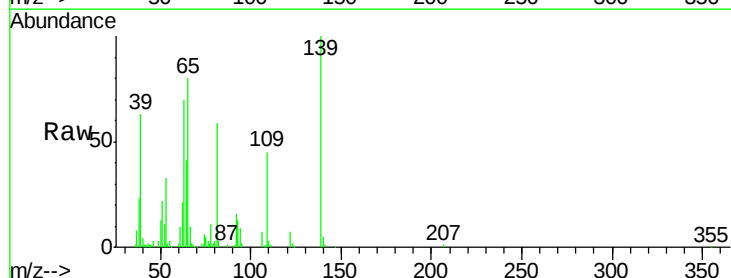
RT: 9.76 min Scan# 1134

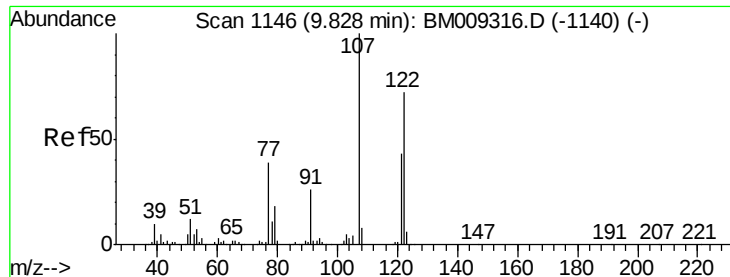
Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	167936		
109	45.3	20.1	30.1#	
65	79.9	31.5	47.3#	





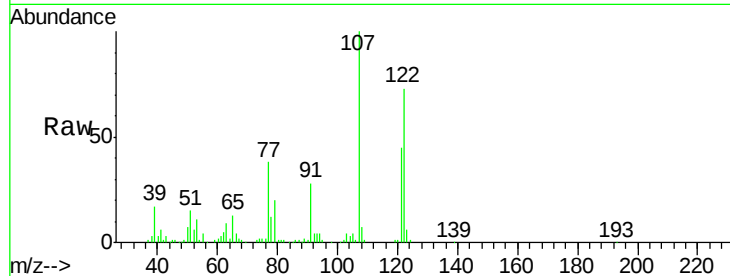
#27
 2,4-Dimethylphenol
 Concen: 47.82 ng
 RT: 9.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

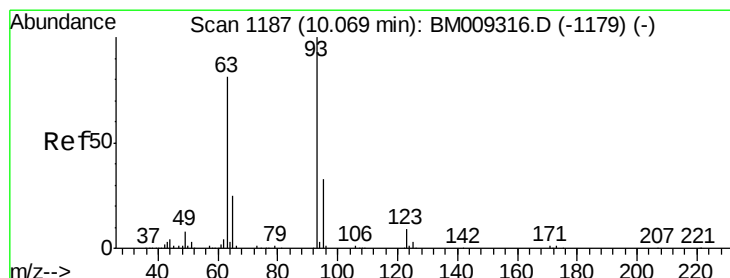
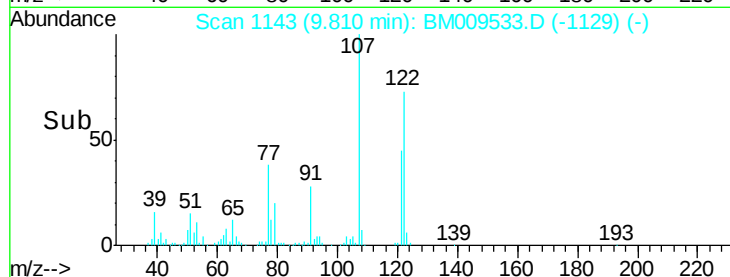
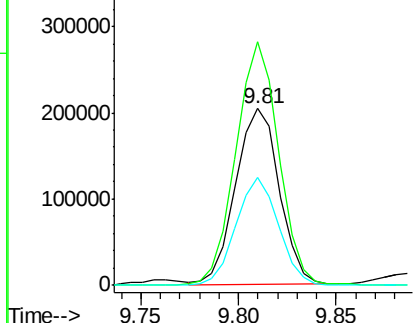
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	317379		
107	137.9	84.7	127.1#	
121	61.5	46.6	69.8	

Manual Integrations
 APPROVED

UGO
 4/5/2017 7:59:42 PM

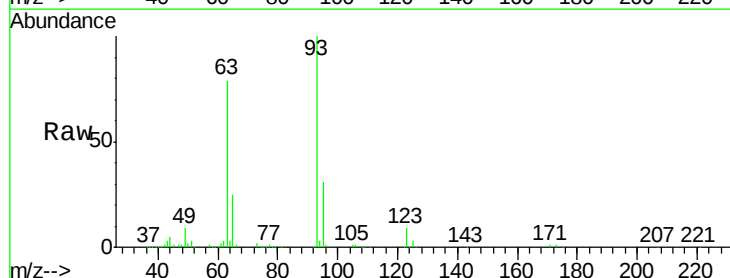


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

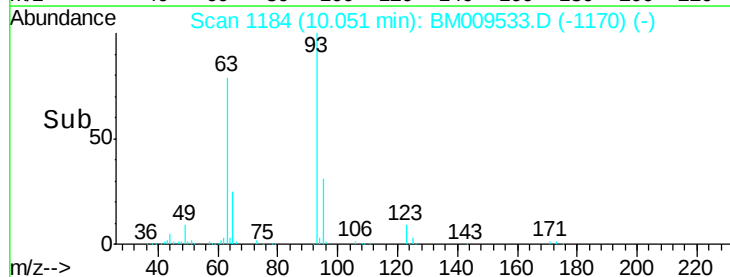
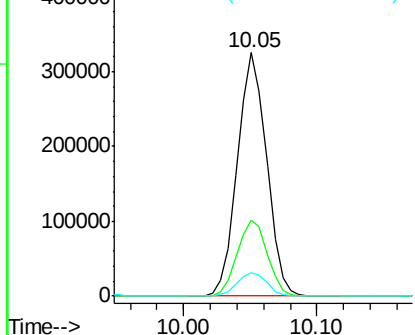


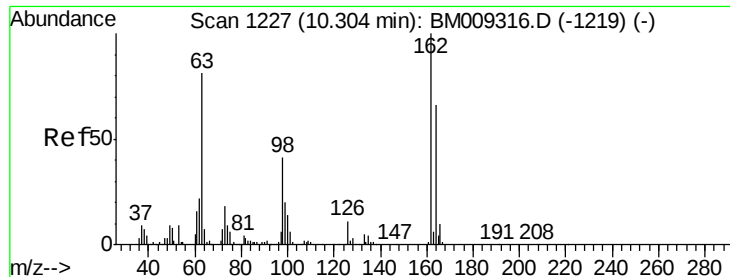
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.59 ng
 RT: 10.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	493917		
95	31.3	25.5	38.3	
123	9.4	8.6	13.0	



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E





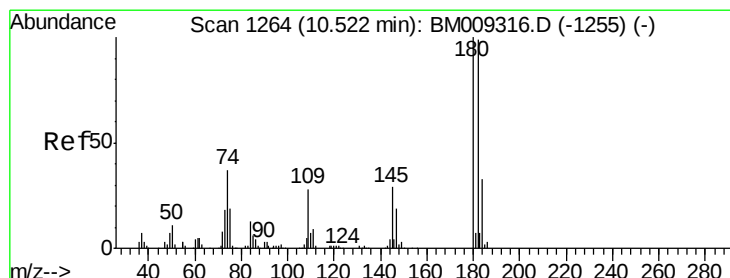
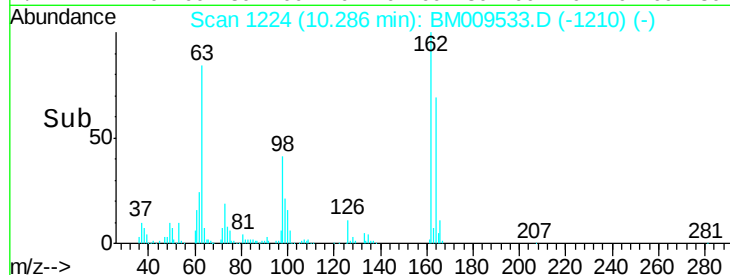
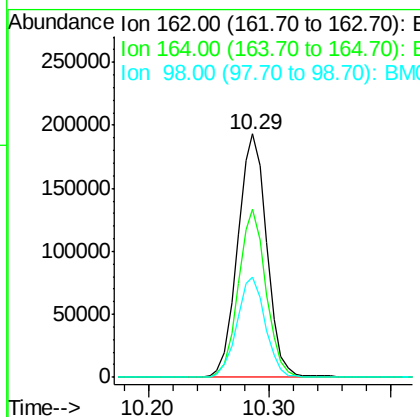
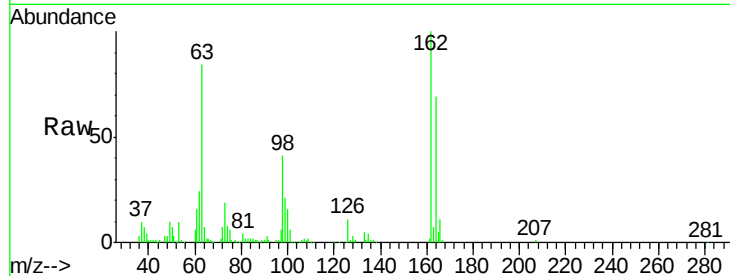
#29
 2,4-Dichlorophenol
 Concen: 46.73 ng
 RT: 10.29 min Scan# 1224
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	324204		
164	69.2	42.8	82.8	
98	41.1	14.5	54.5	

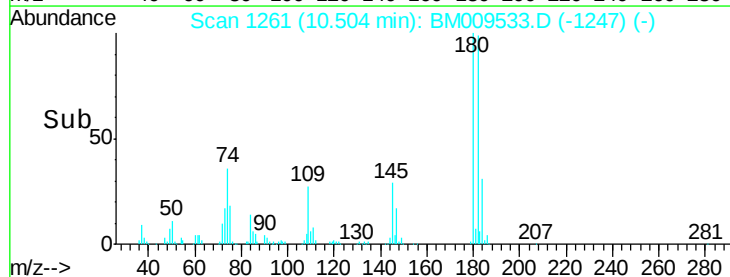
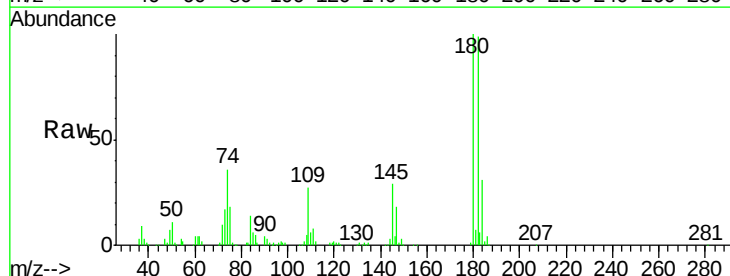
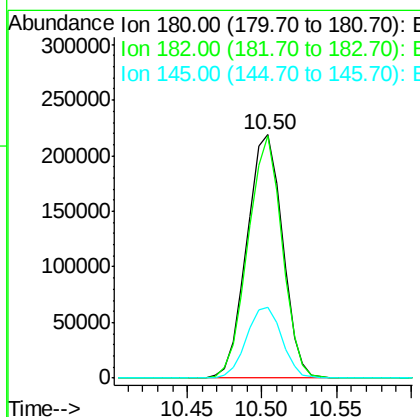
Manual Integrations
 APPROVED

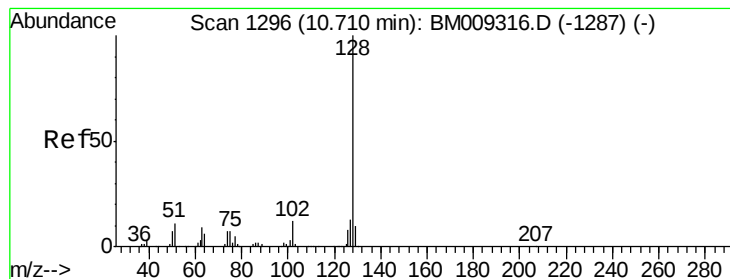
UGO
 4/5/2017 7:59:42 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.99 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	361480		
182	99.4	77.6	116.4	
145	29.2	23.4	35.2	





#31

Naphthalene

Concen: 41.39 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

Tgt Ion:128 Resp: 1011398

Ion Ratio Lower Upper

128 100

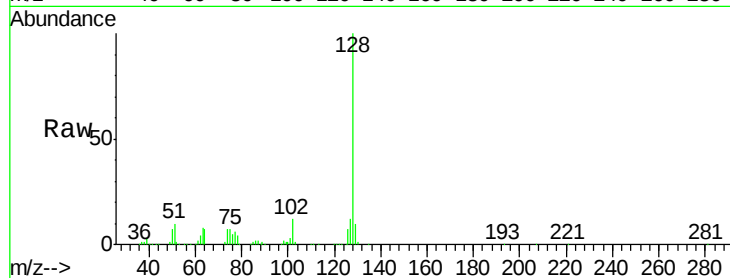
129 10.4 8.9 13.3

127 12.3 10.4 15.6

Manual Integrations
APPROVED

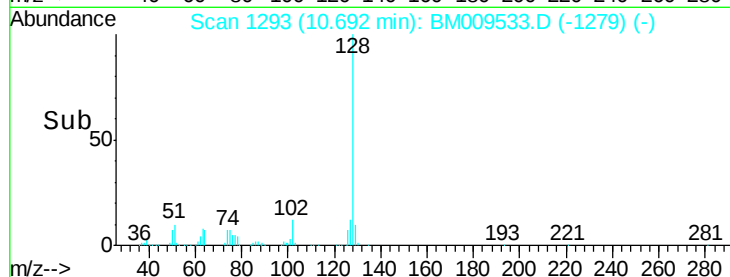
UGO

4/5/2017 7:59:42 PM

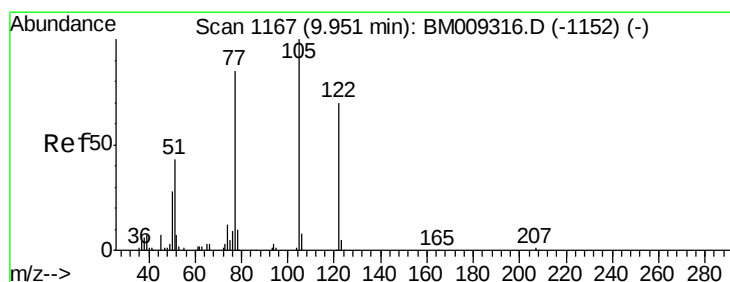


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

10.69



Time-->



#32

Benzoic acid

Concen: 34.91 ng

RT: 9.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

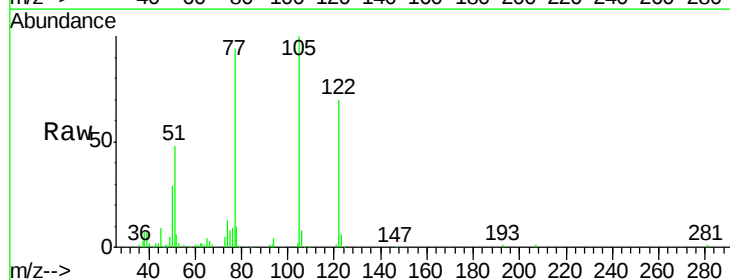
Tgt Ion:122 Resp: 160229

Ion Ratio Lower Upper

122 100

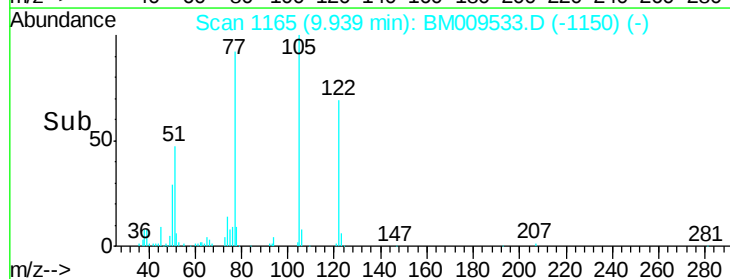
105 142.0 99.9 139.9#

77 133.0 73.7 113.7#

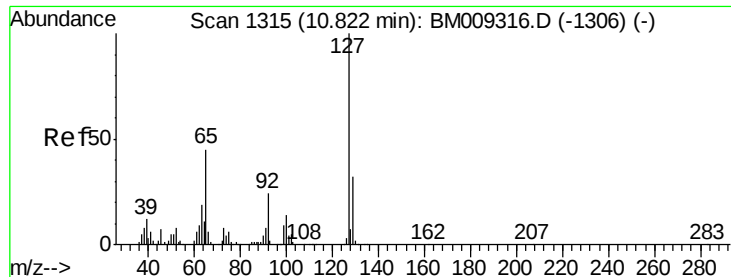


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

9.94



Time-->



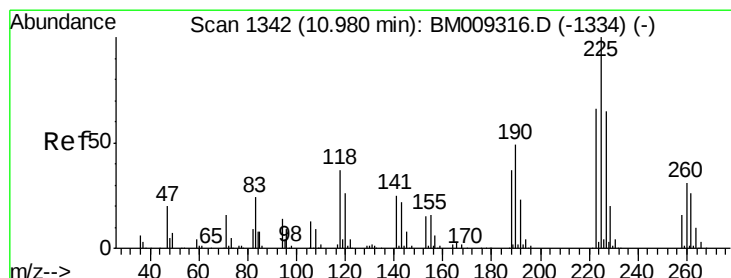
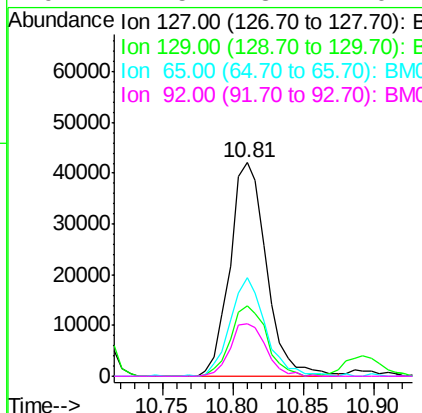
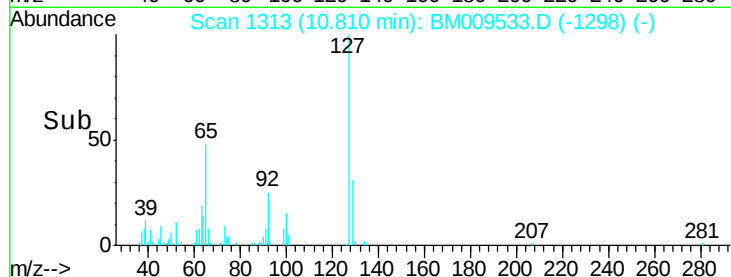
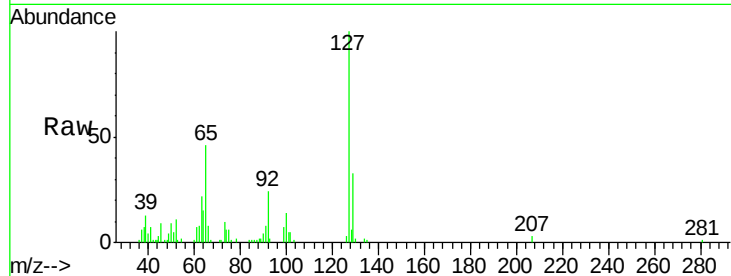
#33
4-Chloroaniline
Concen: 8.08 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	76120		
129	33.2	25.3	37.9	
65	46.2	17.6	26.4	
92	24.5	13.1	19.7	

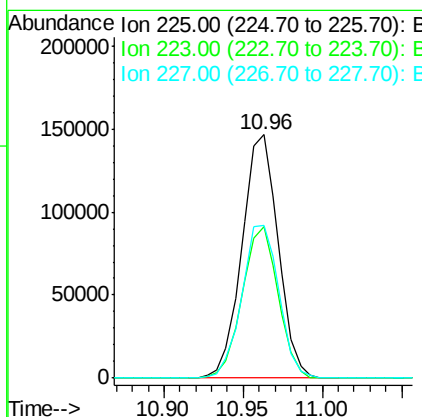
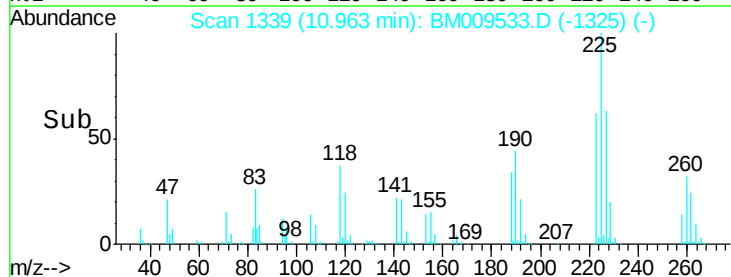
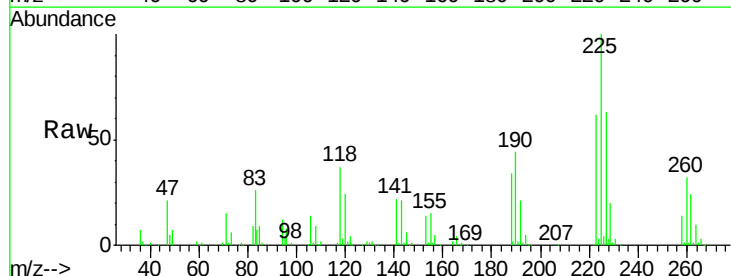
Manual Integrations
APPROVED

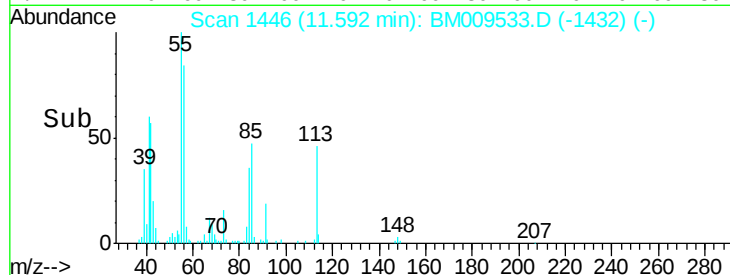
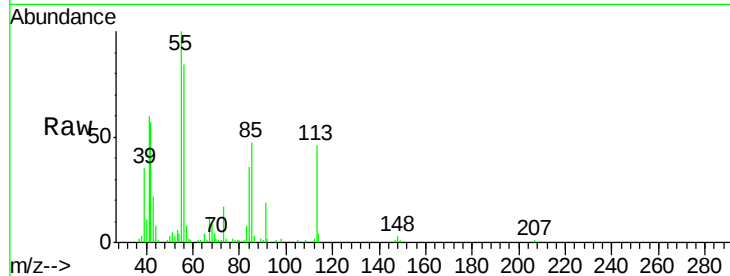
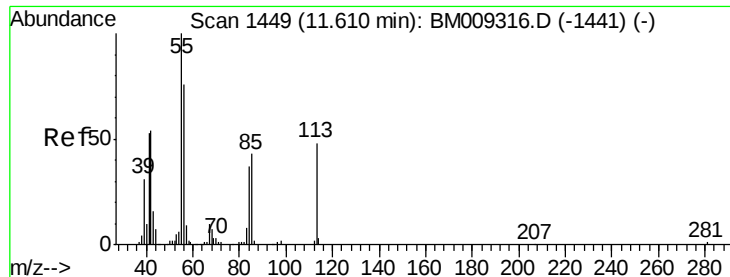
UGO
4/5/2017 7:59:42 PM



#34
Hexachlorobutadiene
Concen: 39.37 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	232075		
223	62.1	47.9	71.9	
227	62.9	50.1	75.1	





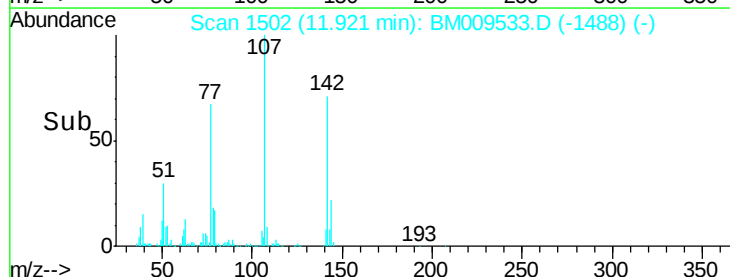
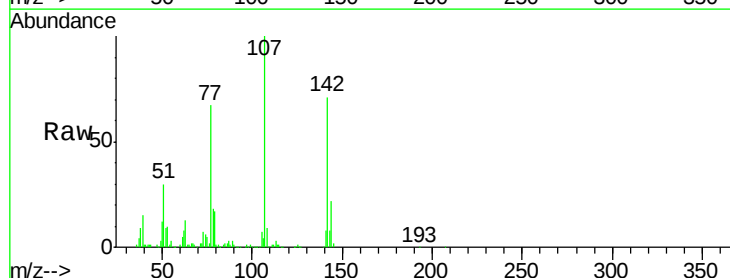
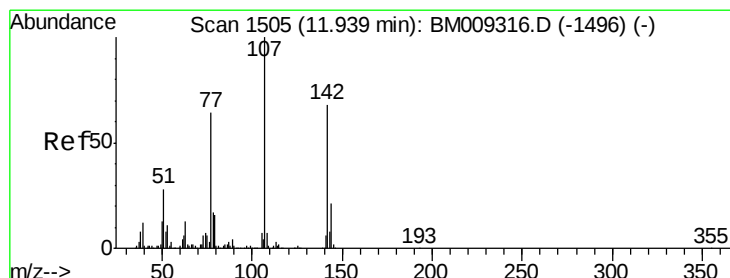
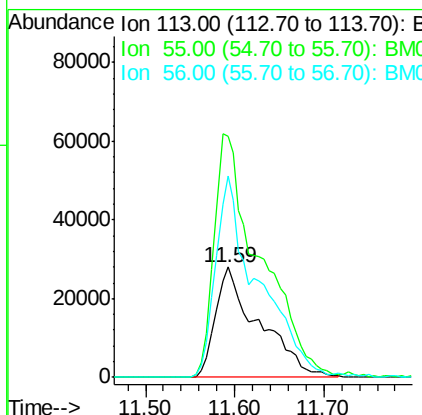
#35
Caprolactam
Concen: 44.66 ng m
RT: 11.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB98027BS

Tgt Ion: 113 Resp: 94599
Ion Ratio Lower Upper
113 100
55 218.6 145.9 185.9#
56 182.9 101.0 141.0#

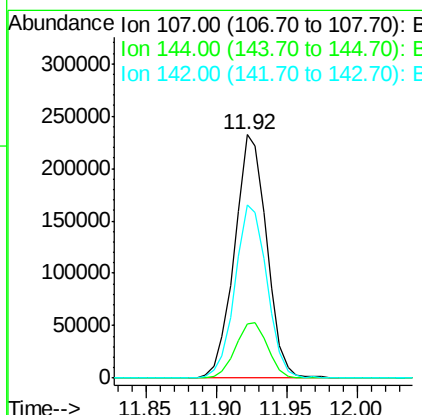
Manual Integrations
APPROVED

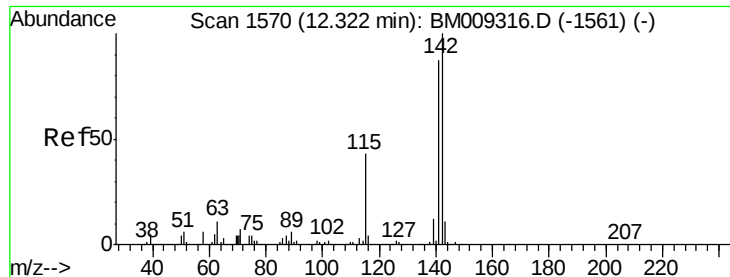
UGO
4/5/2017 7:59:42 PM



#36
4-Chloro-3-methylphenol
Concen: 47.13 ng
RT: 11.92 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion: 107 Resp: 369963
Ion Ratio Lower Upper
107 100
144 22.4 23.3 34.9#
142 71.0 72.6 109.0#





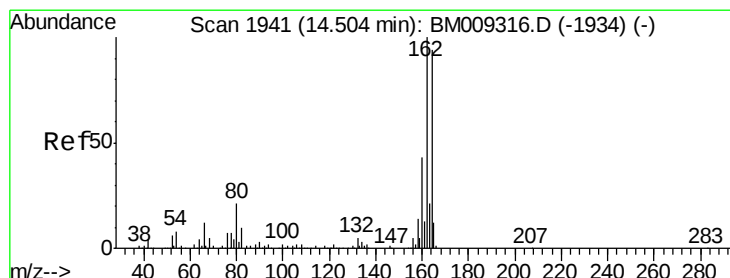
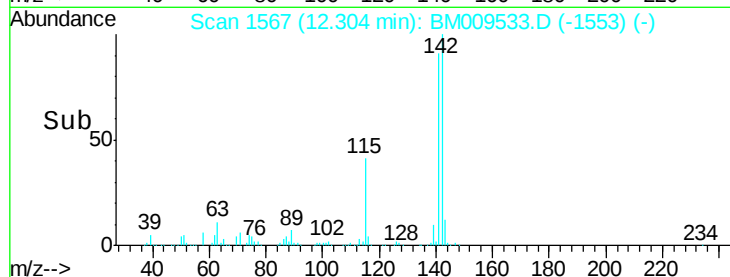
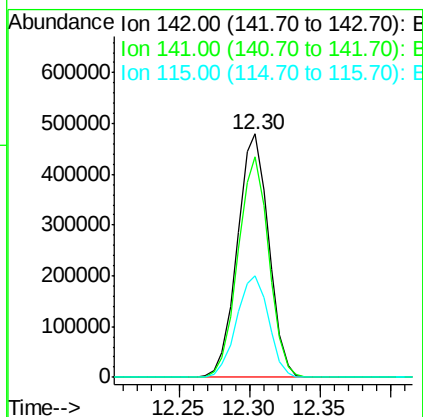
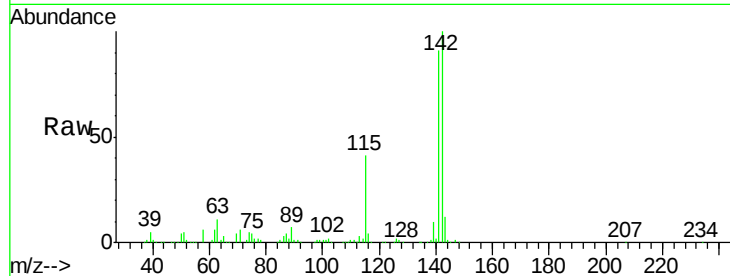
#37
 2-Methylnaphthalene
 Concen: 44.18 ng
 RT: 12.30 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
115	41.5	25.4	38.0

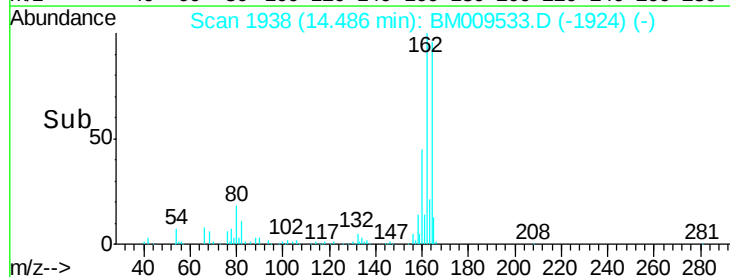
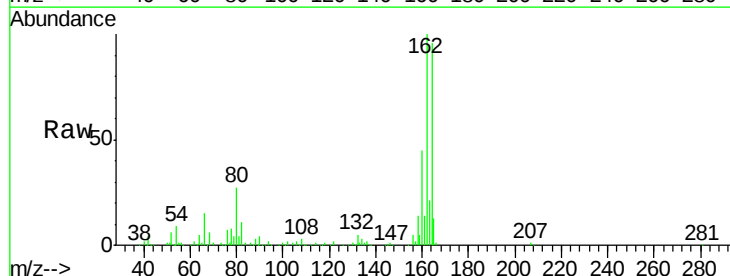
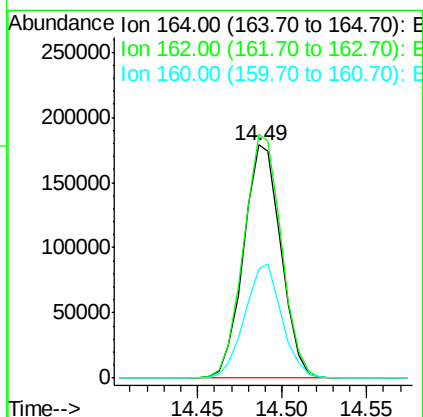
Manual Integrations
 APPROVED

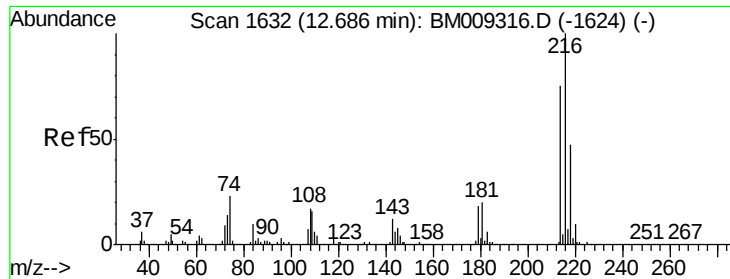
UGO
 4/5/2017 7:59:42 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.4	123.6
160	46.7	35.8	53.6





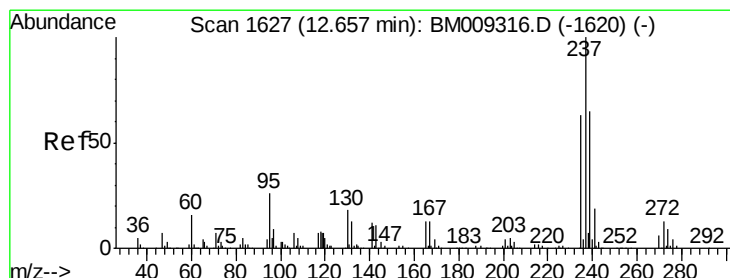
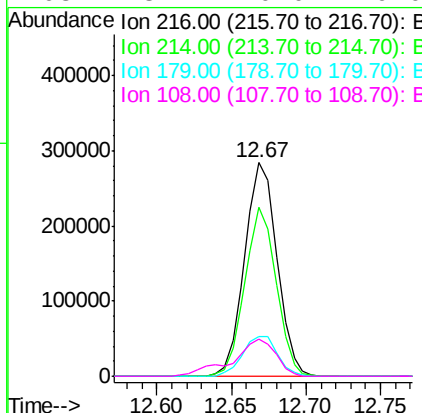
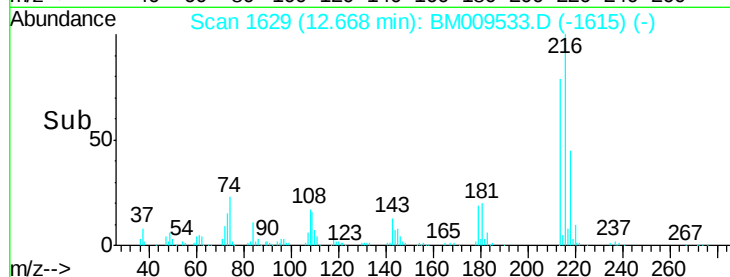
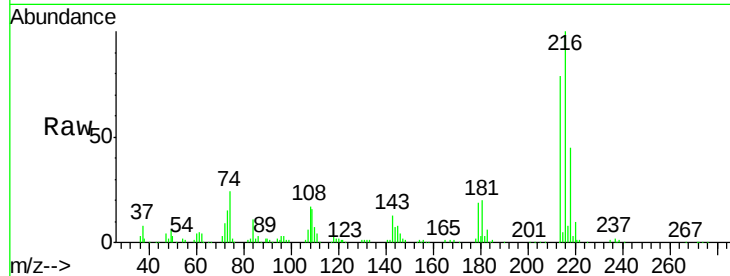
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.10 ng
 RT: 12.67 min Scan# 1629
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	425647		
214	76.4	0.0	0.0#	
179	20.1	0.0	0.0#	
108	23.4	0.0	0.0#	

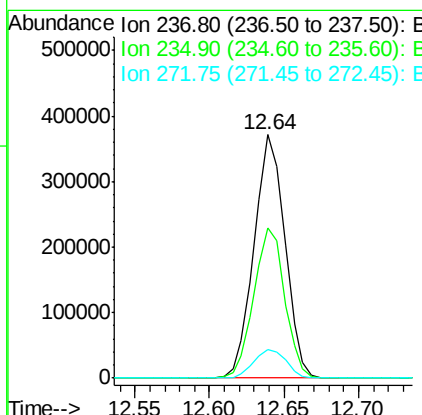
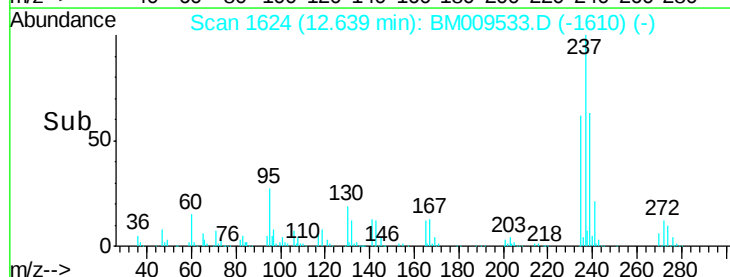
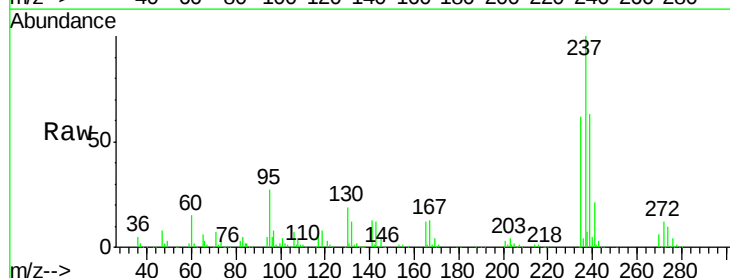
Manual Integrations
 APPROVED

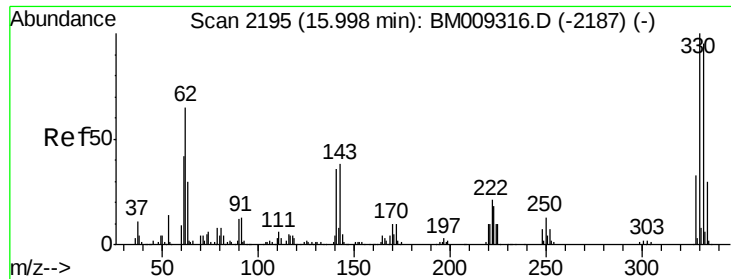
UGO
 4/5/2017 7:59:42 PM



#40
 Hexachlorocyclopentadiene
 Concen: 89.22 ng
 RT: 12.64 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	530317		
235	61.9	42.0	82.0	
272	11.7	0.0	33.4	





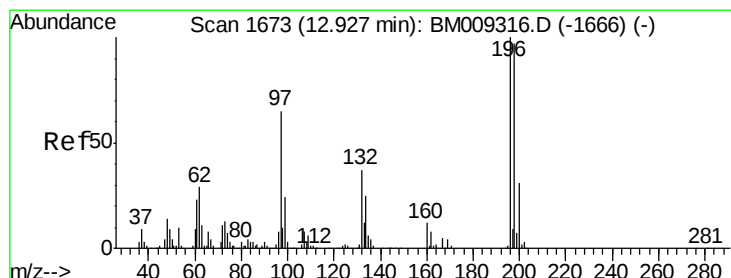
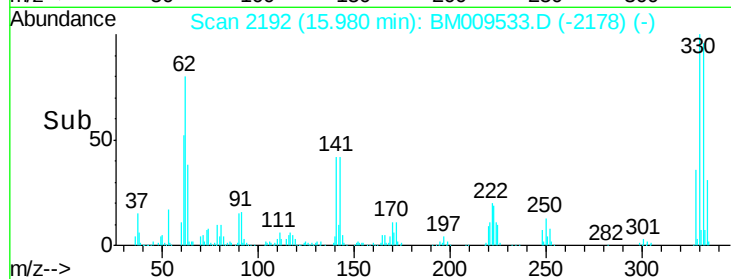
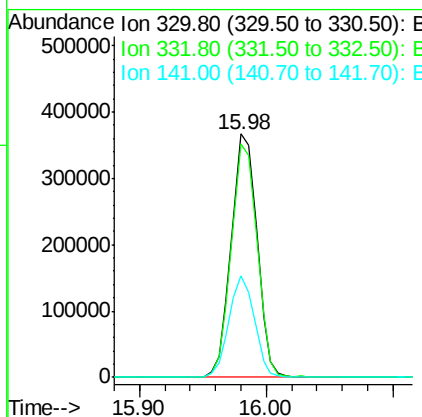
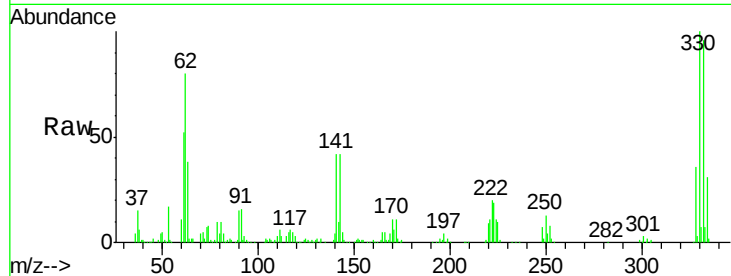
#41
 2,4,6-Tribromophenol
 Concen: 151.98 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.0	0.0	0.0#
141	41.2	0.0	0.0#

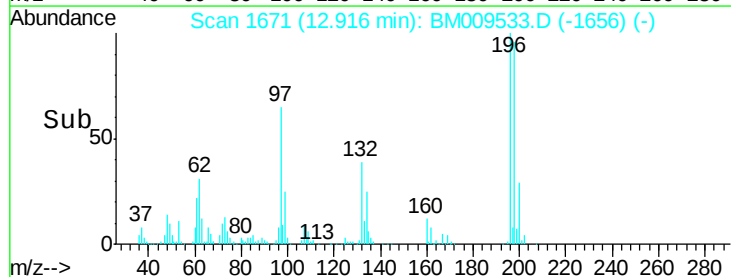
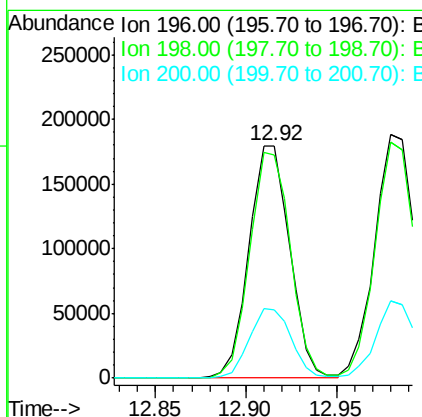
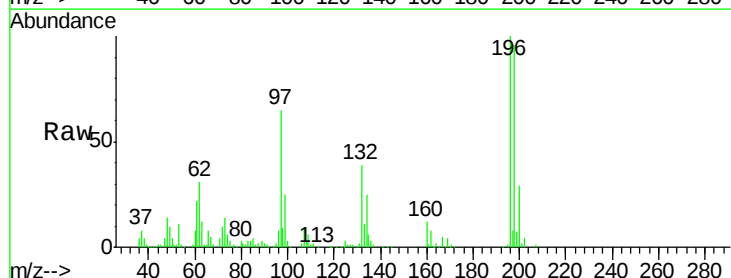
Manual Integrations
 APPROVED

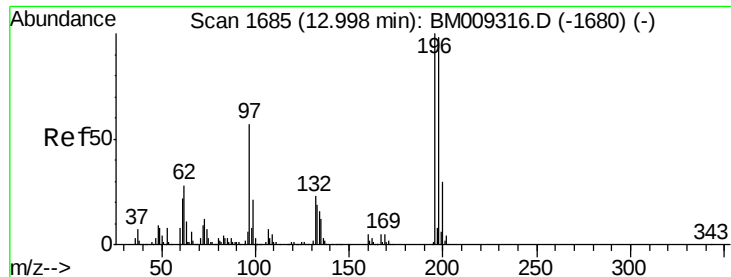
UGO
 4/5/2017 7:59:42 PM



#42
 2,4,6-Trichlorophenol
 Concen: 47.42 ng
 RT: 12.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	95.9	76.3	114.5
200	29.3	25.6	38.4





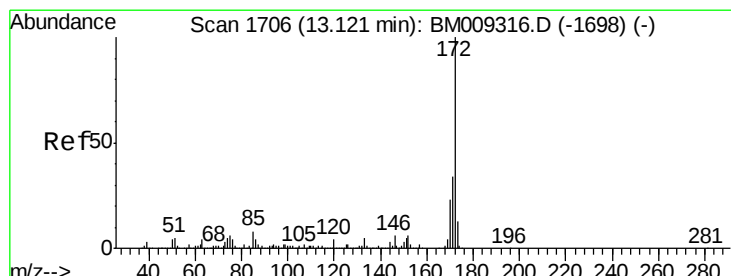
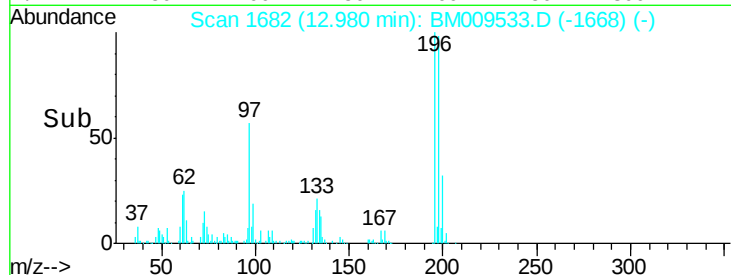
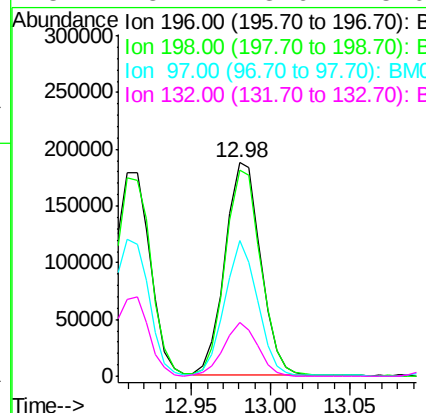
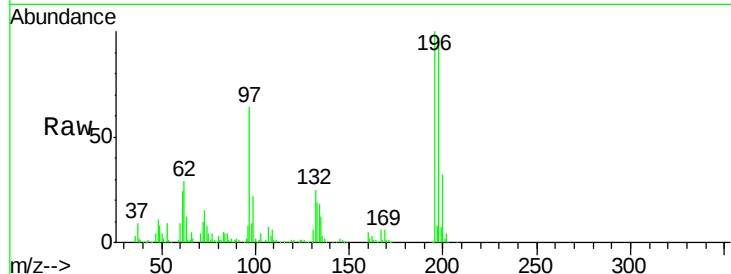
#43
 2,4,5-Trichlorophenol
 Concen: 44.49 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	293960		
198	96.7	79.4	119.0	
97	63.5	26.8	40.2	
132	25.4	18.6	28.0	

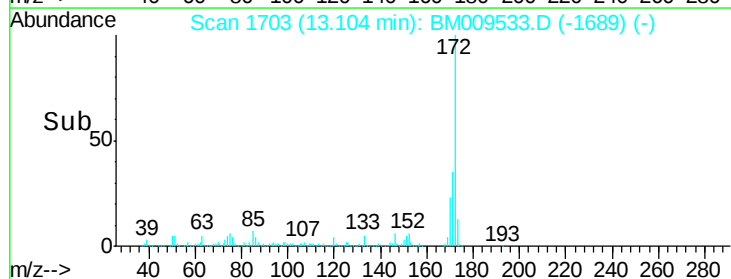
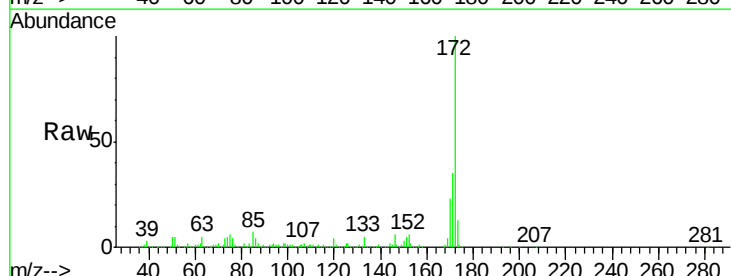
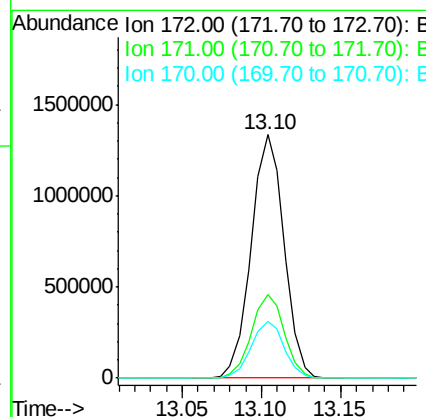
Manual Integrations
 APPROVED

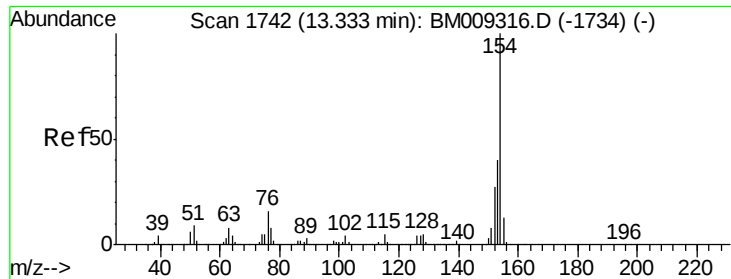
UGO
 4/5/2017 7:59:42 PM



#44
 2-Fluorobiphenyl
 Concen: 84.53 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1924302		
171	34.6	28.5	42.7	
170	23.5	18.8	28.2	





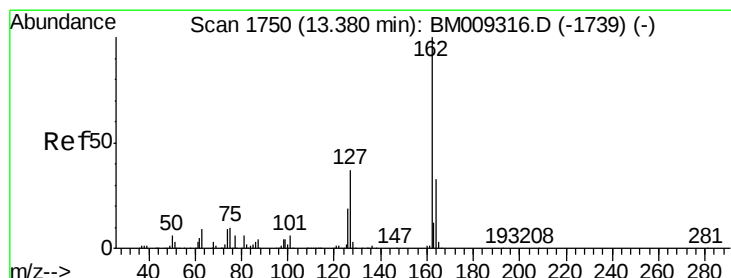
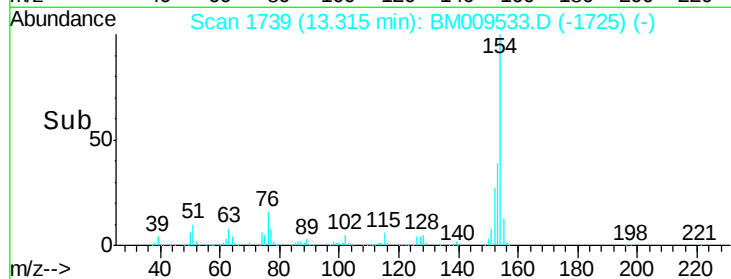
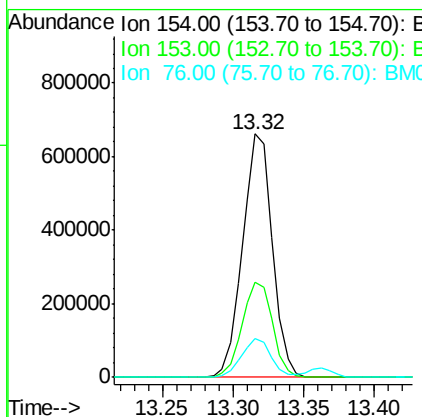
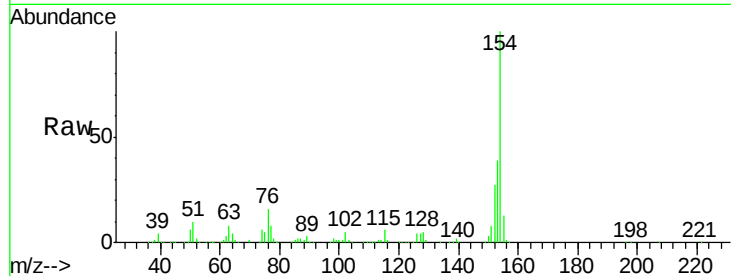
#45
 1,1'-Biphenyl
 Concen: 42.73 ng
 RT: 13.32 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	975465		
153	39.3	20.7	60.7	
76	15.8	0.0	30.9	

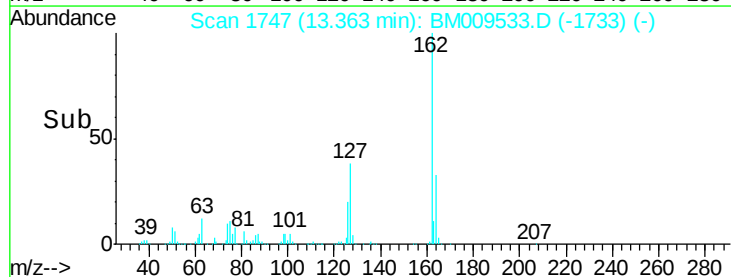
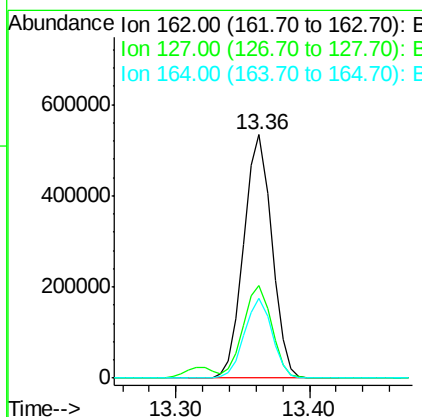
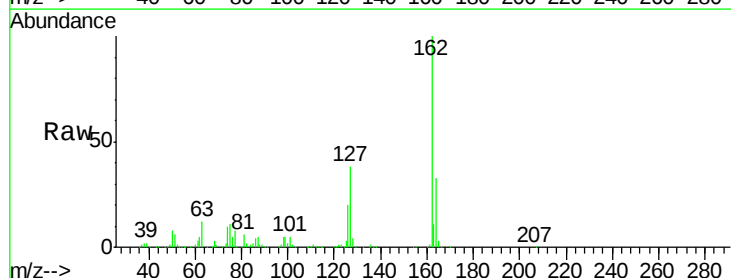
Manual Integrations
 APPROVED

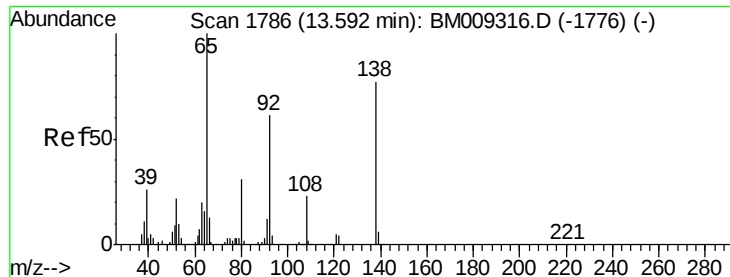
UGO
 4/5/2017 7:59:42 PM



#46
 2-Chloronaphthalene
 Concen: 43.93 ng
 RT: 13.36 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	778925		
127	38.0	26.9	40.3	
164	32.5	26.8	40.2	





#47

2-Nitroaniline

Concen: 47.52 ng

RT: 13.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

Tgt Ion: 65 Resp: 310429
Ion Ratio Lower Upper

65 100

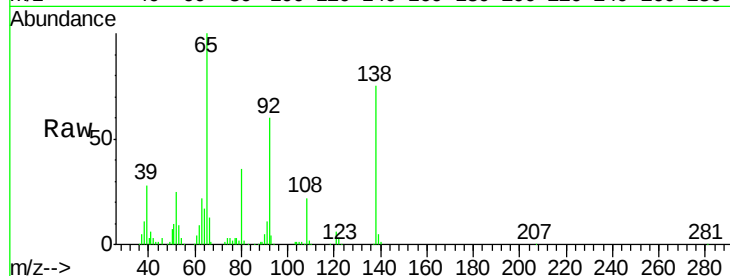
92 60.1 59.1 88.7

138 75.4 93.9 140.9#

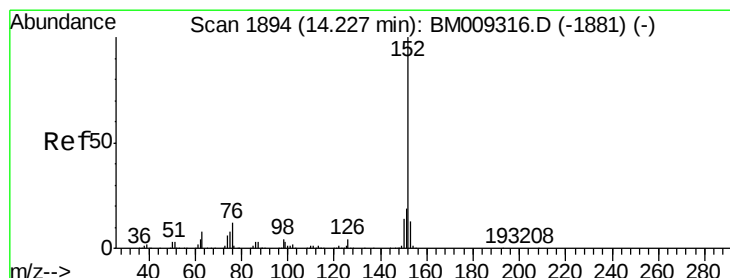
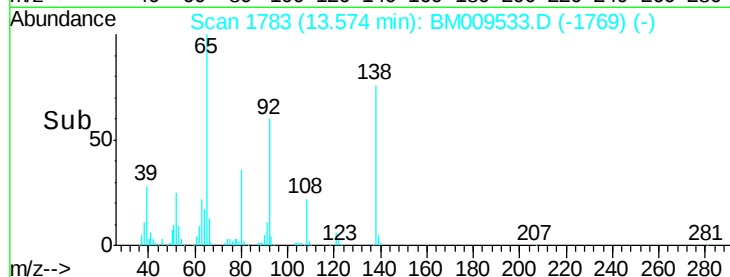
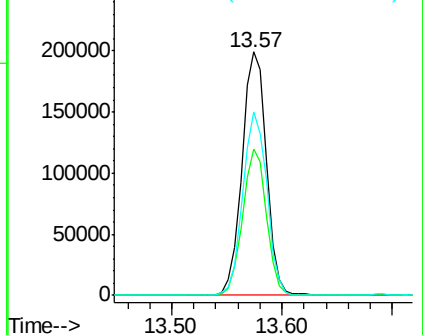
Manual Integrations
APPROVED

UGO

4/5/2017 7:59:42 PM



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 42.63 ng

RT: 14.21 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BM009533.D

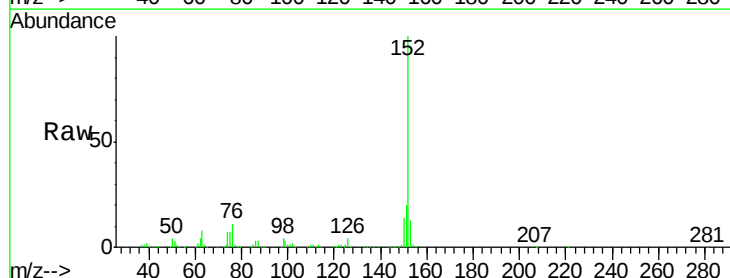
Acq: 04 Apr 2017 17:15

Tgt Ion: 152 Resp: 1231340
Ion Ratio Lower Upper

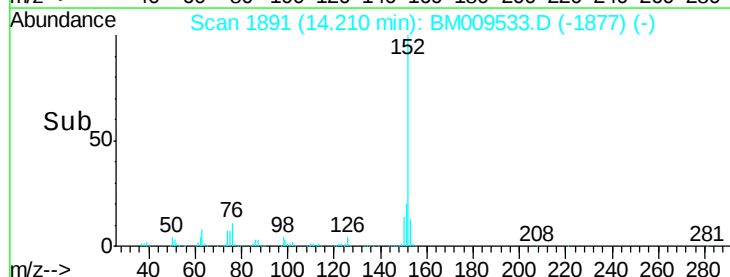
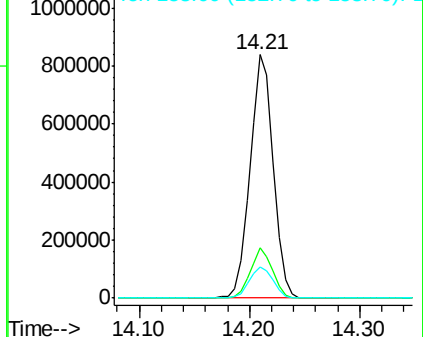
152 100

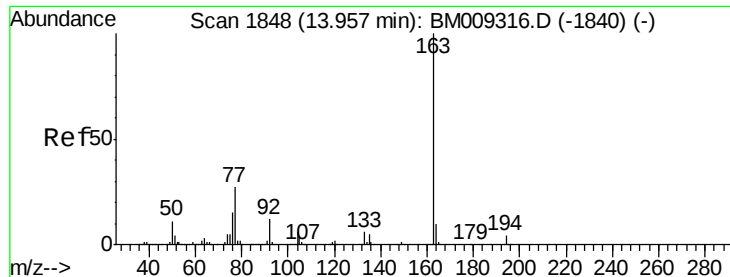
151 20.5 15.9 23.9

153 12.8 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





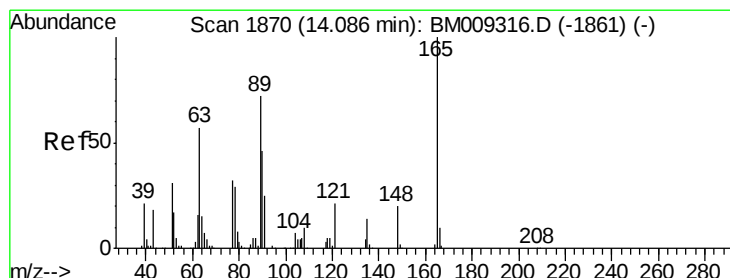
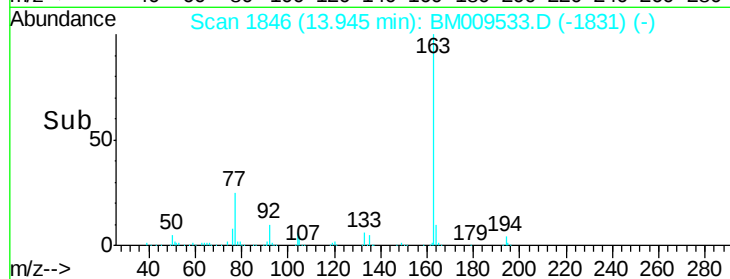
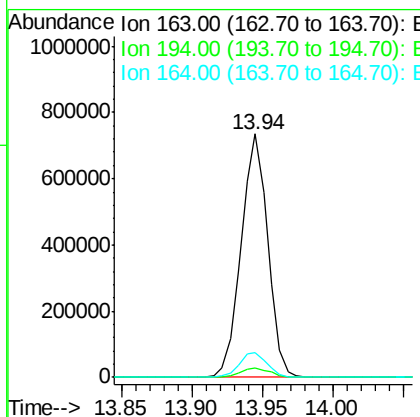
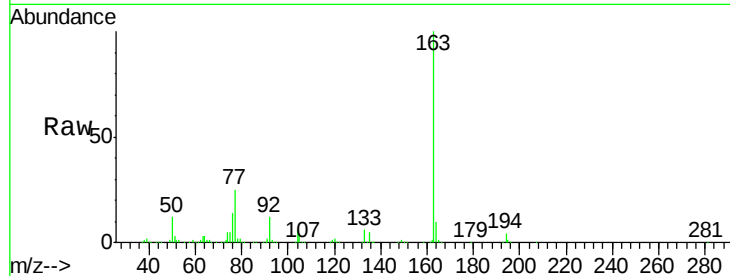
#49
Dimethylphthalate
Concen: 46.03 ng
RT: 13.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	969520		
194	4.0	2.7	4.1	
164	10.4	8.2	12.2	

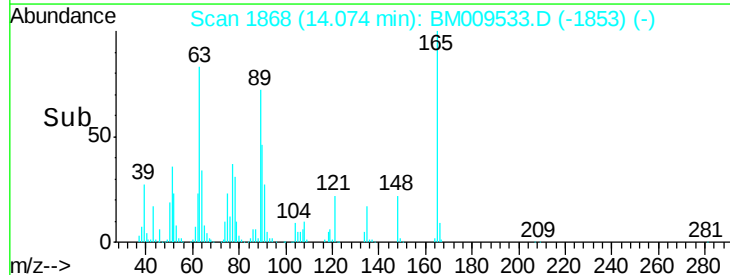
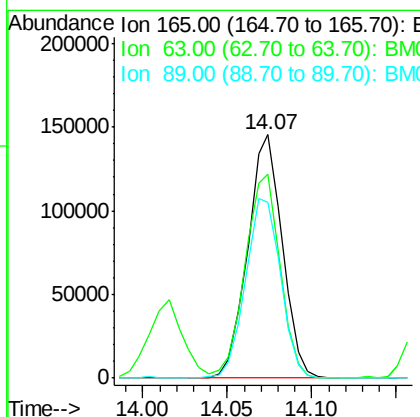
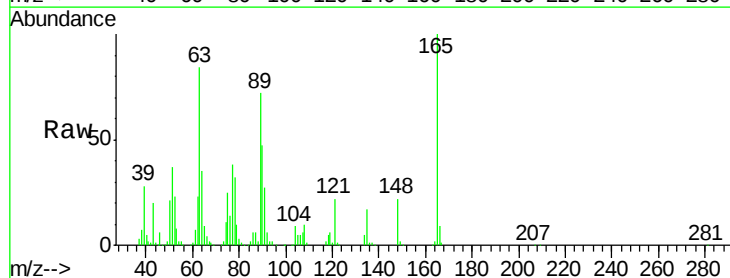
Manual Integrations
APPROVED

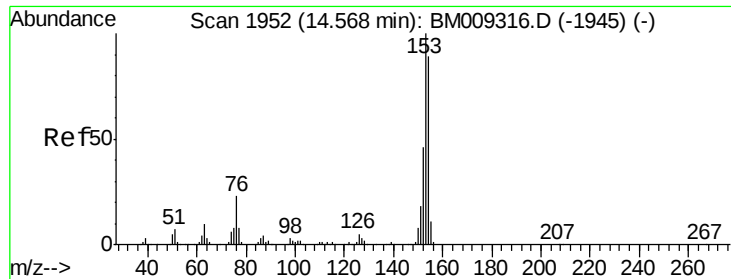
UGO
4/5/2017 7:59:42 PM



#50
2,6-Dinitrotoluene
Concen: 45.64 ng
RT: 14.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	207121		
63	83.6	44.1	66.1#	
89	72.1	44.3	66.5#	





#51

Acenaphthene

Concen: 42.33 ng

RT: 14.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

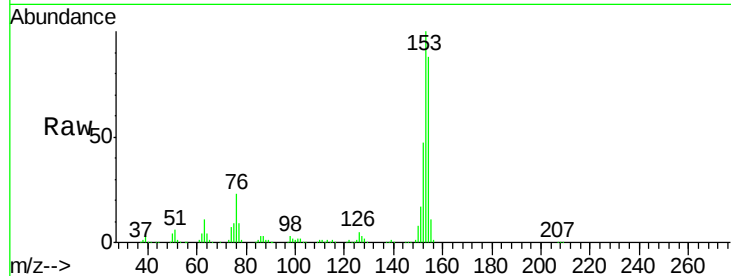
PB98027BS

Tgt Ion:	154	Resp:	737719
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.0	135.0
152	53.2	42.6	63.8

Manual Integrations
APPROVED

UGO

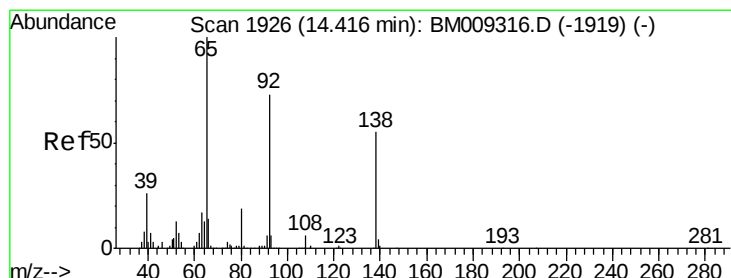
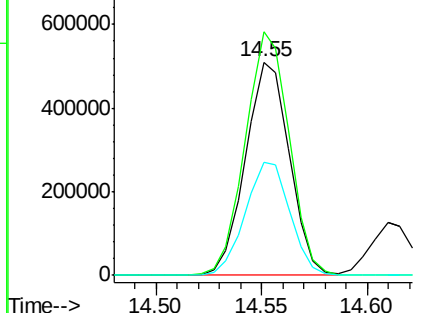
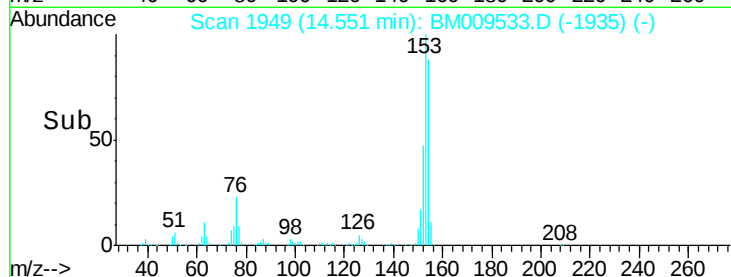
4/5/2017 7:59:42 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.31 ng

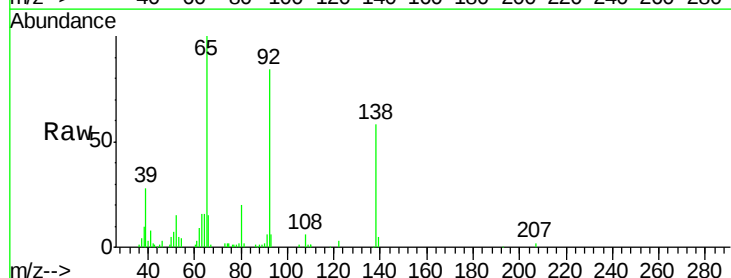
RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

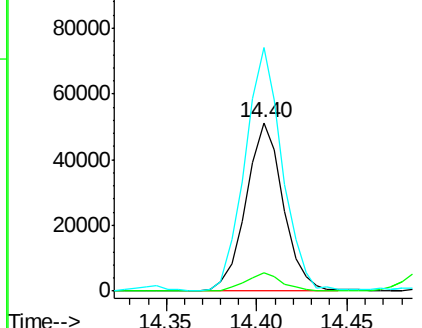
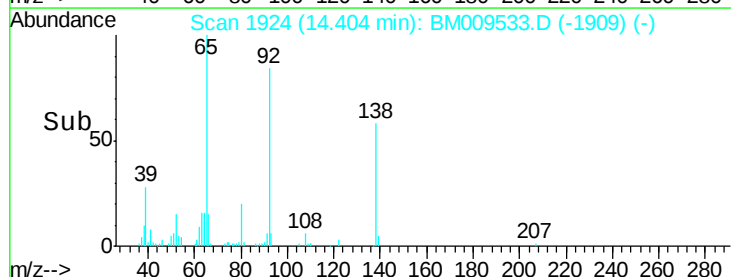
Tgt Ion:	138	Resp:	72942
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.3	10.9#
92	144.8	76.6	114.8#

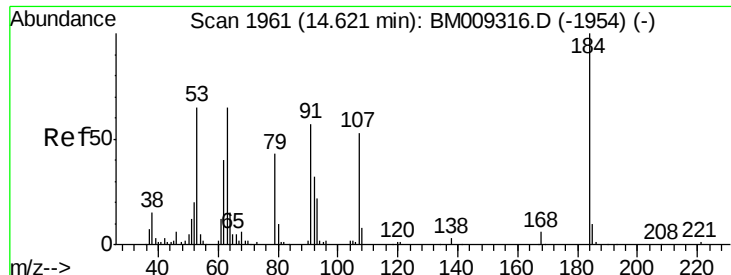


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





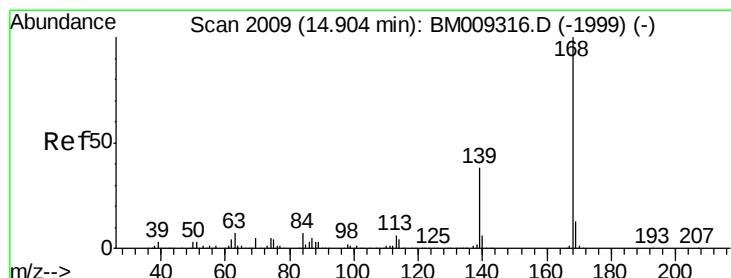
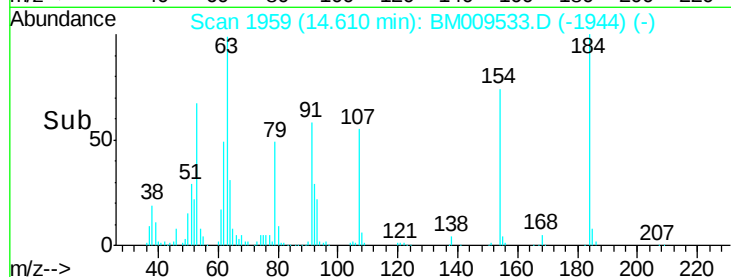
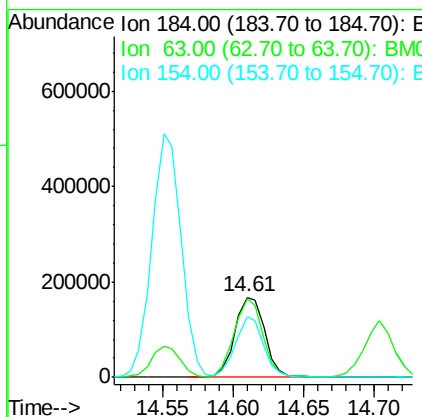
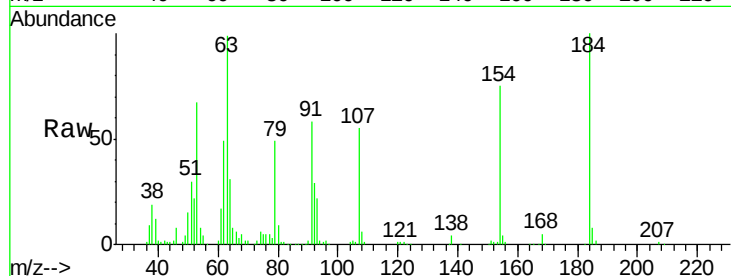
#53
2,4-Dinitrophenol
Concen: 81.75 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	250632		
63	98.8	69.2	103.8	
154	75.0	53.3	79.9	

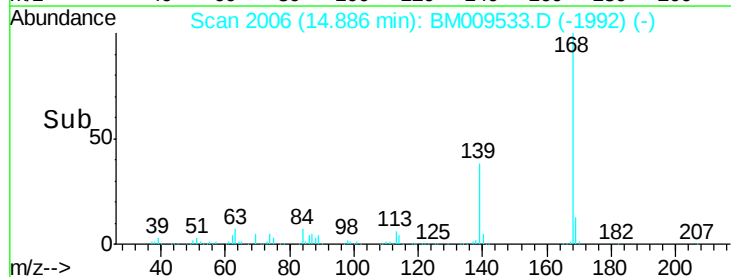
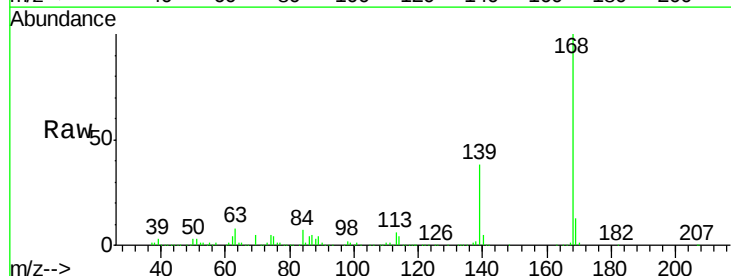
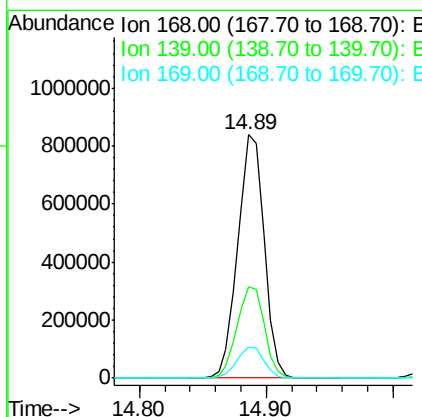
Manual Integrations
APPROVED

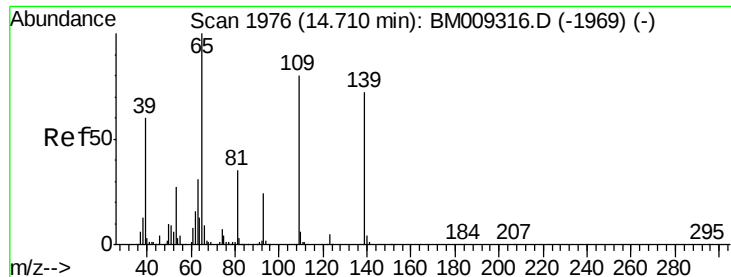
UGO
4/5/2017 7:59:42 PM



#54
Dibenzofuran
Concen: 46.83 ng
RT: 14.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1206908		
139	37.8	27.3	40.9	
169	12.9	10.6	16.0	





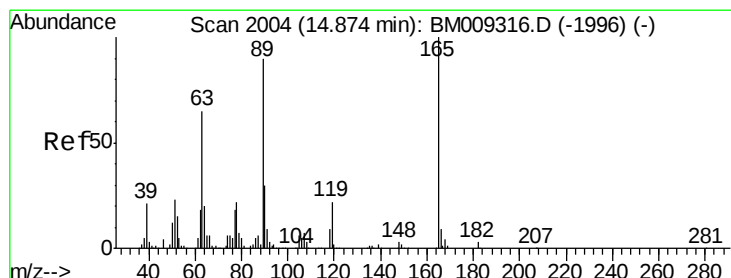
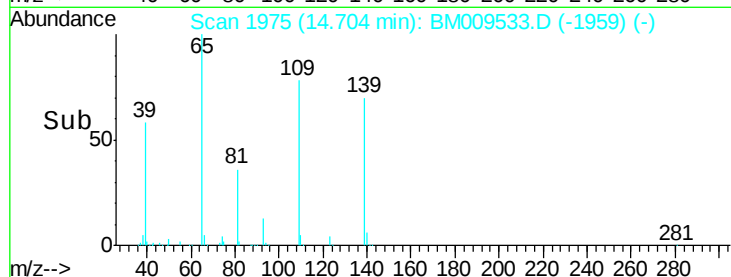
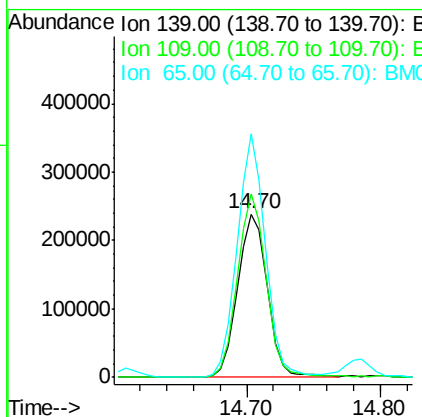
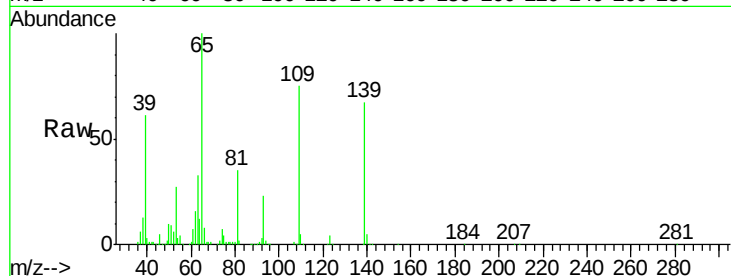
#55
4-Nitrophenol
Concen: 99.44 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	112.1	37.7	77.7#	
65	148.9	49.9	89.9#	

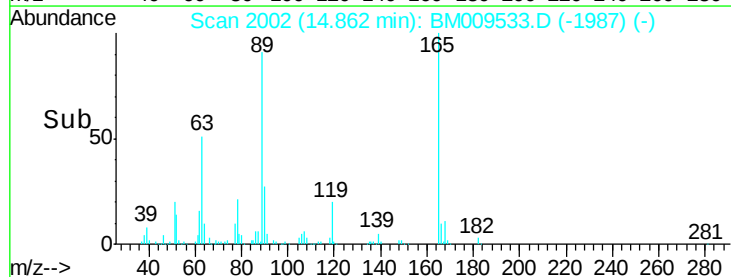
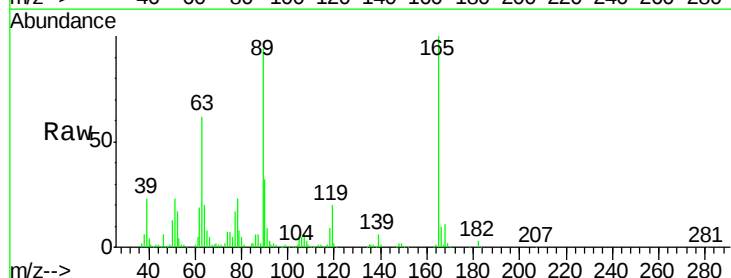
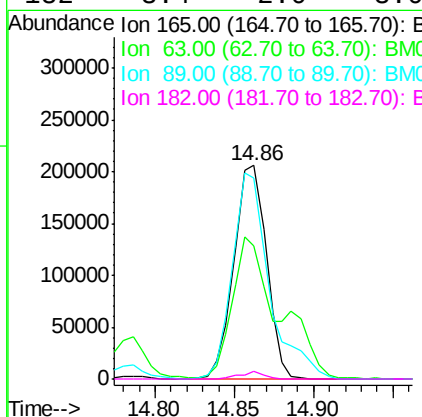
Manual Integrations
APPROVED

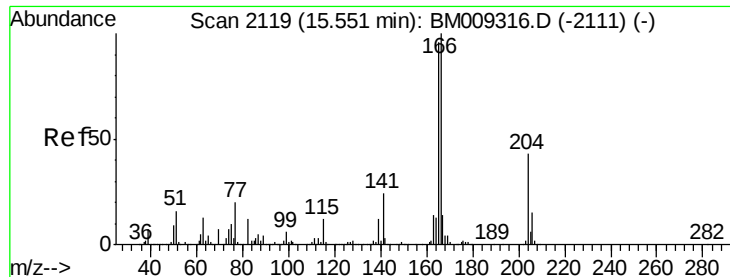
UGO
4/5/2017 7:59:42 PM



#56
2,4-Dinitrotoluene
Concen: 47.97 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.4	52.4	78.6	
89	93.9	72.4	108.6	
182	3.4	2.0	3.0#	





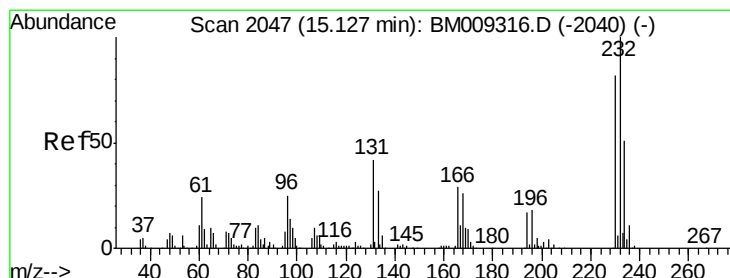
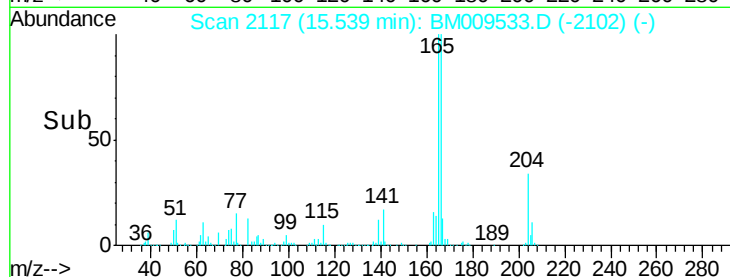
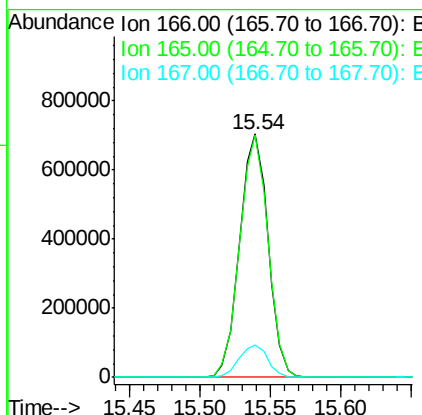
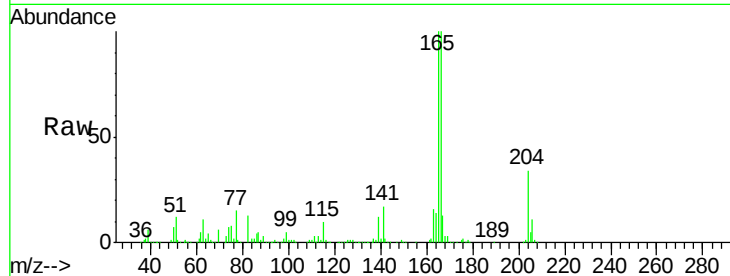
#57
 Fluorene
 Concen: 42.78 ng
 RT: 15.54 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	990873		
165	99.6	79.0	118.4	
167	13.1	10.3	15.5	

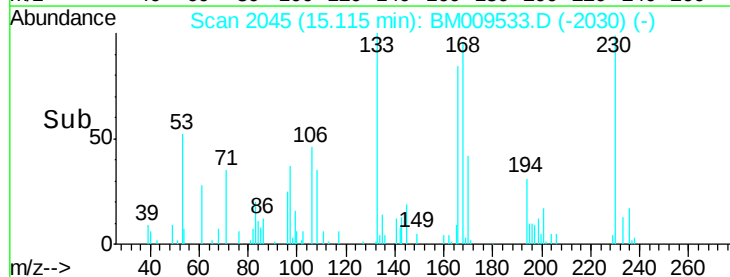
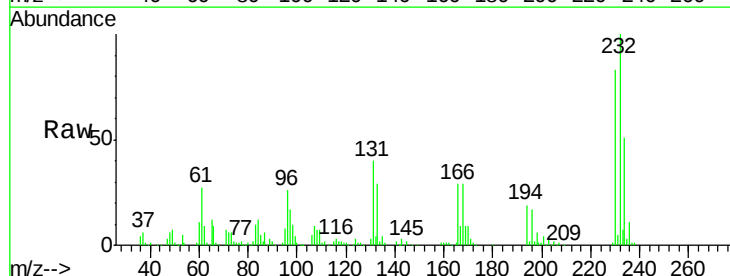
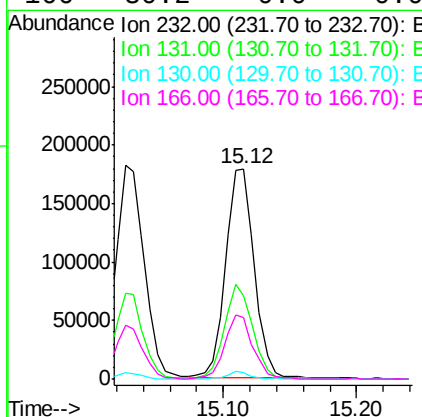
Manual Integrations
 APPROVED

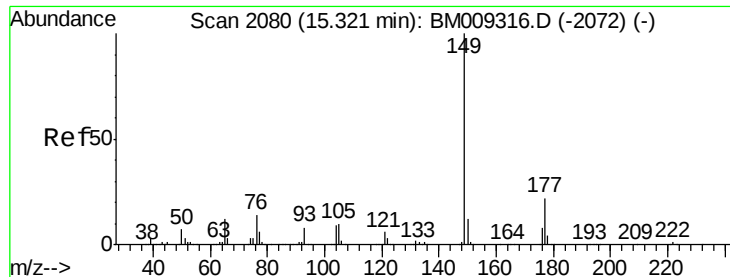
UGO
 4/5/2017 7:59:42 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.90 ng
 RT: 15.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	267663		
131	45.1	0.0	0.0#	
130	3.0	0.0	0.0#	
166	30.2	0.0	0.0#	





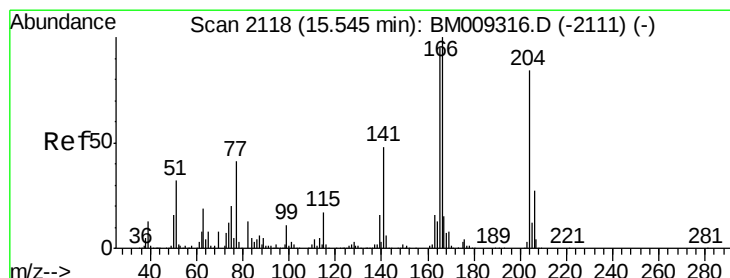
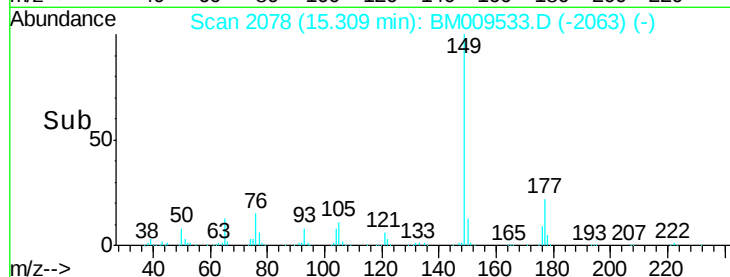
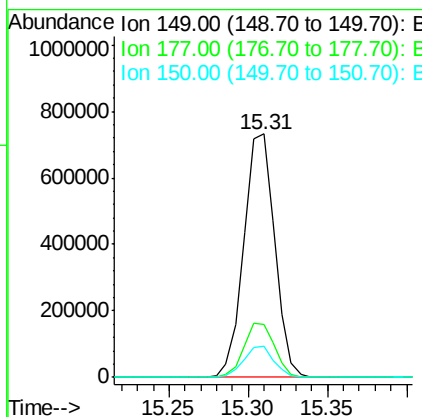
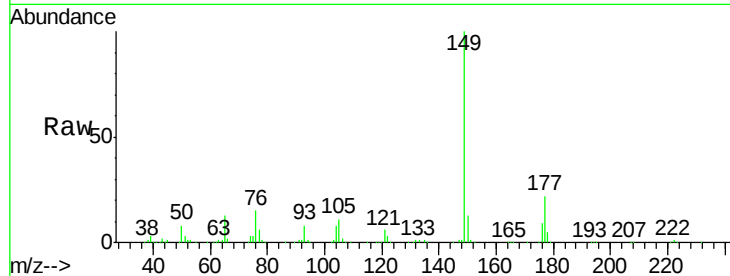
#59
Diethylphthalate
Concen: 46.38 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	990914		
177	21.9	18.3	27.5	
150	12.7	9.8	14.8	

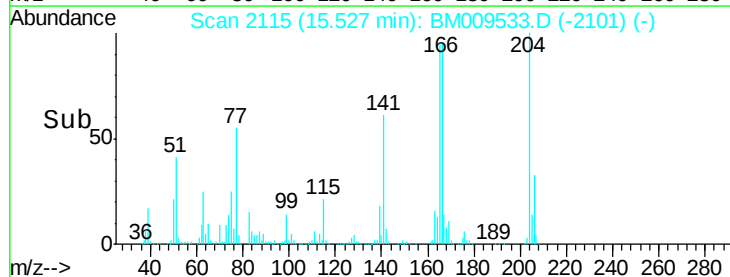
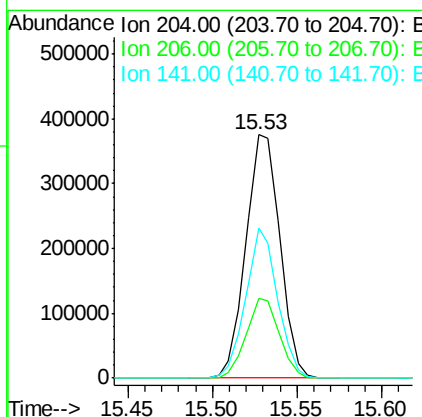
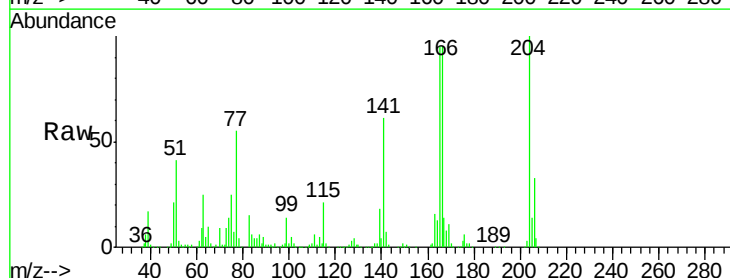
Manual Integrations
APPROVED

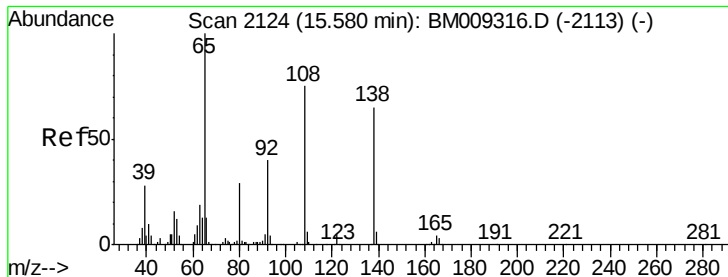
UGO
4/5/2017 7:59:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.61 ng
RT: 15.53 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	527526		
206	32.7	26.6	39.8	
141	61.5	45.2	67.8	





#61

4-Nitroaniline

Concen: 46.23 ng

RT: 15.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

Tgt Ion: 138 Resp: 224511
Ion Ratio Lower Upper

138 100

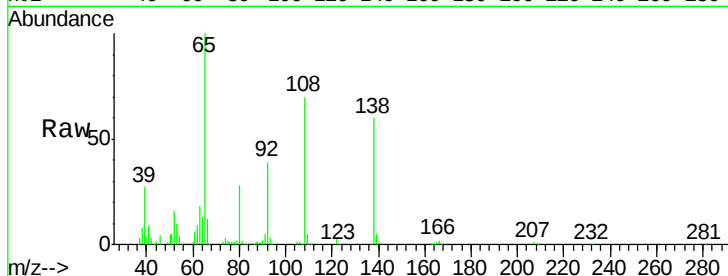
92 65.3 16.7 56.7#

108 116.8 37.6 77.6#

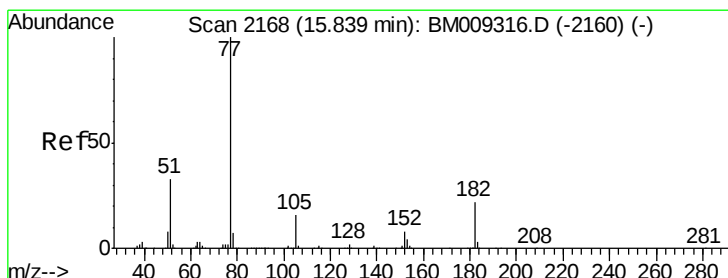
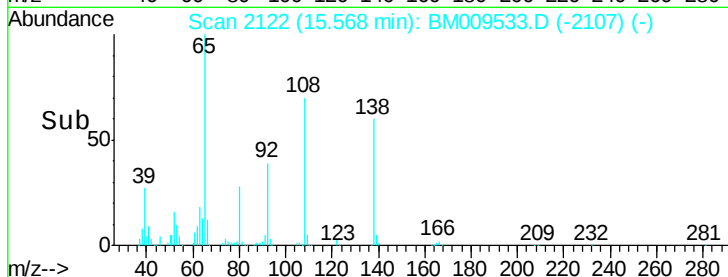
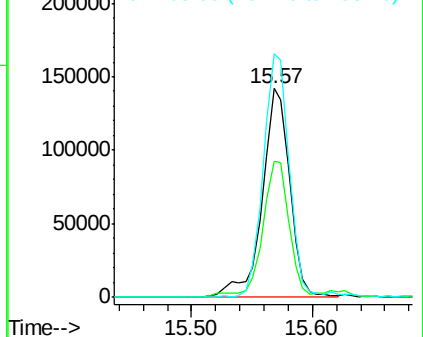
Manual Integrations
APPROVED

UGO

4/5/2017 7:59:42 PM



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.10 ng

RT: 15.82 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Tgt Ion: 77 Resp: 1274475
Ion Ratio Lower Upper

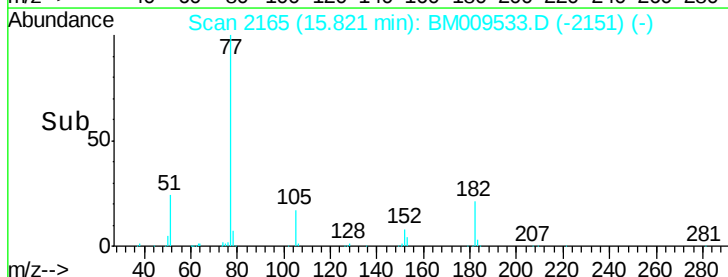
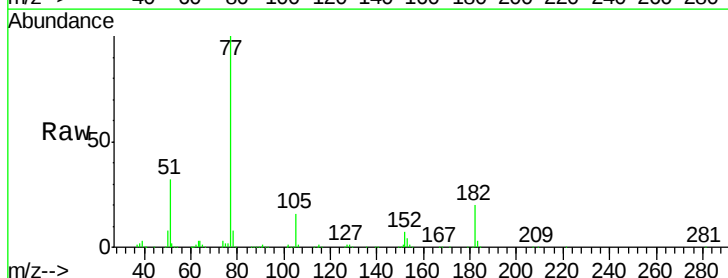
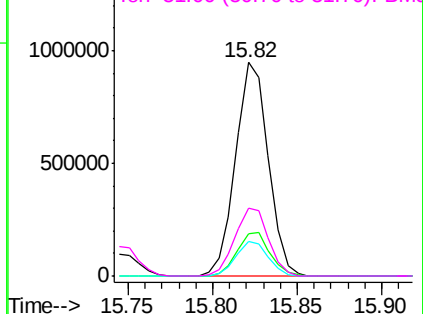
77 100

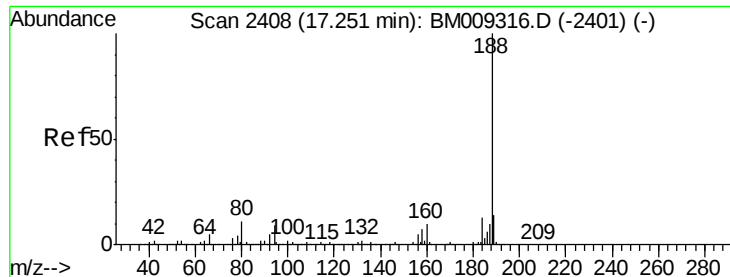
182 19.6 6.5 46.5

105 16.1 3.8 43.8

51 31.8 5.5 45.5

Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM





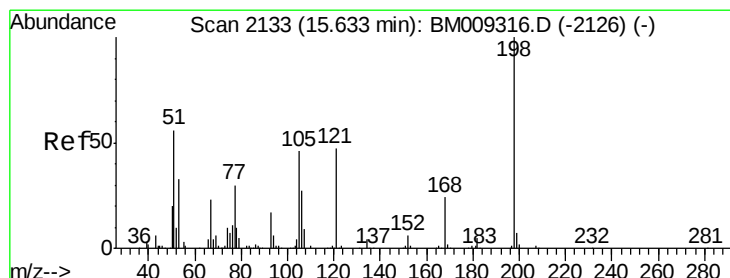
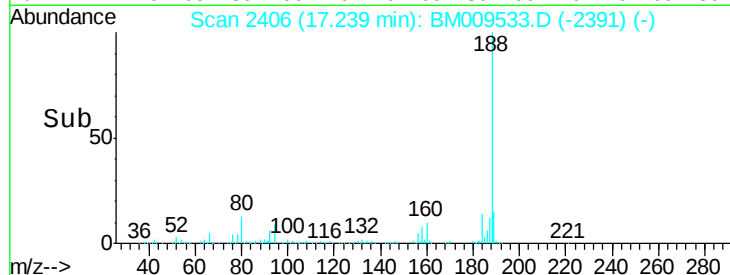
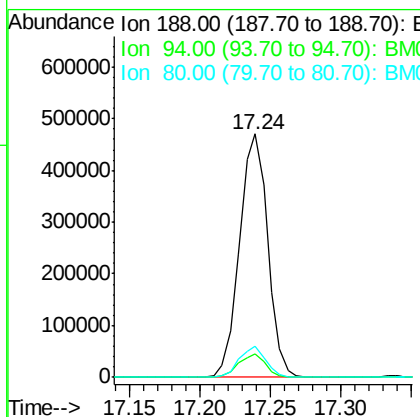
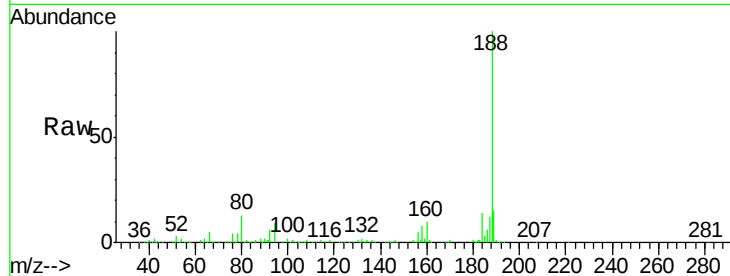
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.24 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	654952		
94	9.4	8.7	13.1	
80	12.6	9.3	13.9	

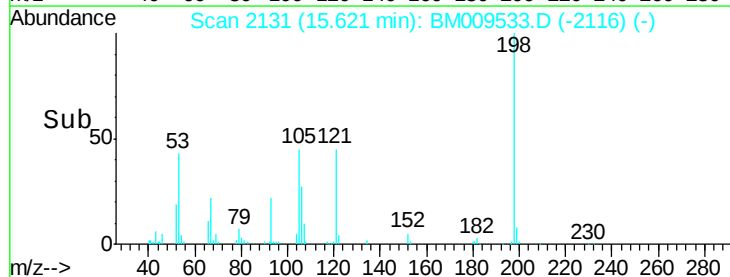
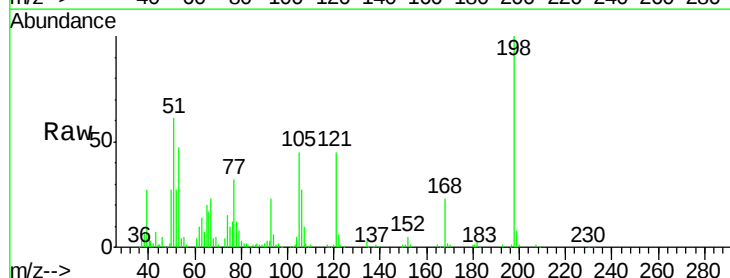
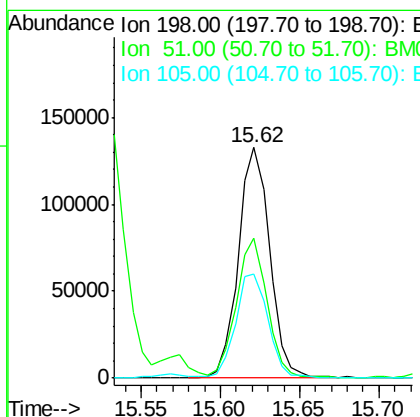
Manual Integrations
 APPROVED

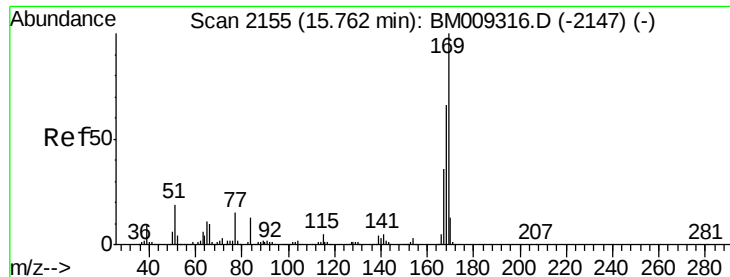
UGO
 4/5/2017 7:59:42 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.16 ng
 RT: 15.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	182219		
51	60.6	28.8	68.8	
105	45.2	30.5	70.5	





#65

n-Nitrosodiphenylamine

Concen: 43.37 ng

RT: 15.75 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

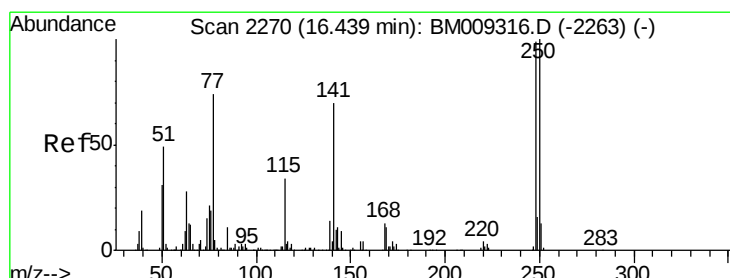
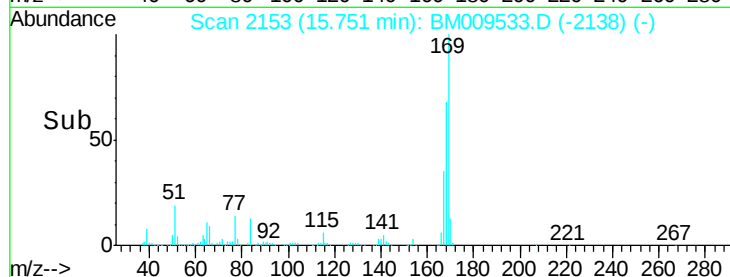
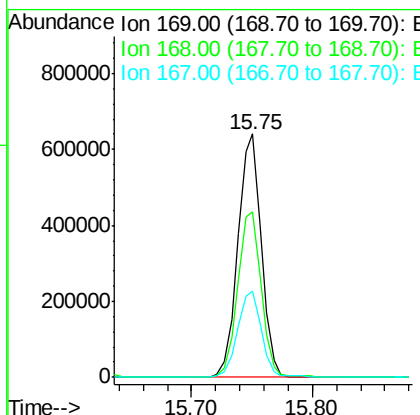
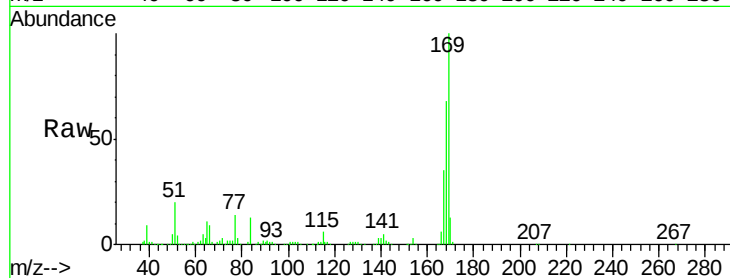
PB98027BS

Tgt Ion:	169	Resp:	862911
Ion Ratio	Lower	Upper	
169	100		
168	68.2	53.9	80.9
167	35.3	28.9	43.3

Manual Integrations
APPROVED

UGO

4/5/2017 7:59:42 PM



#66

4-Bromophenyl-phenylether

Concen: 42.16 ng

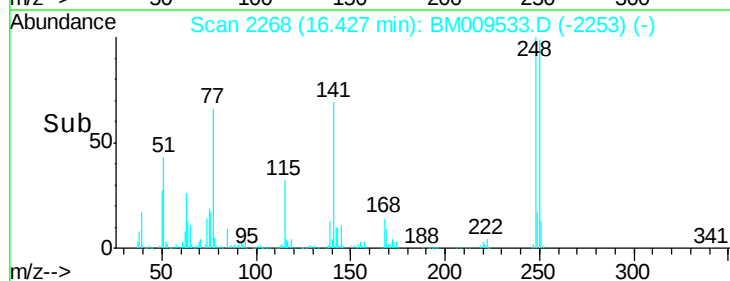
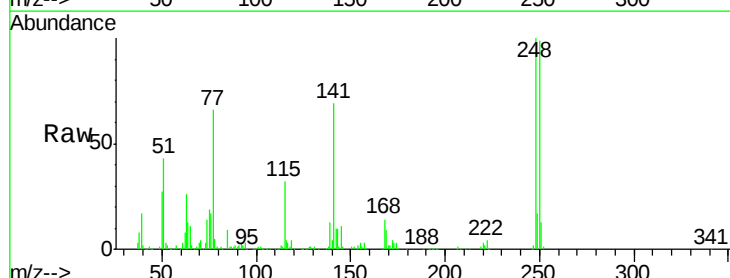
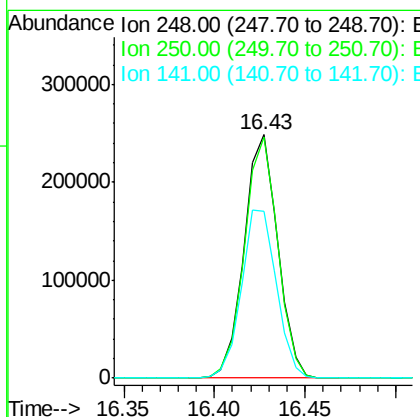
RT: 16.43 min Scan# 2268

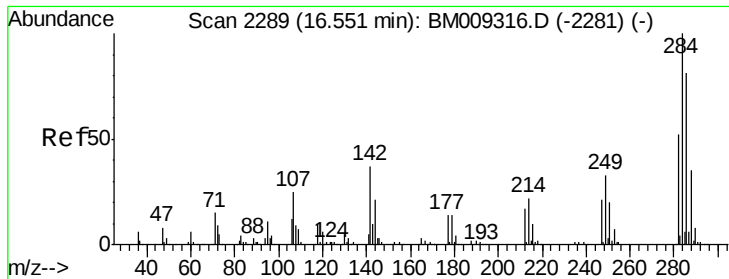
Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Tgt Ion:	248	Resp:	319918
Ion Ratio	Lower	Upper	
248	100		
250	99.2	77.4	116.0
141	68.6	45.2	67.8#





#67

Hexachlorobenzene

Concen: 41.77 ng

RT: 16.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

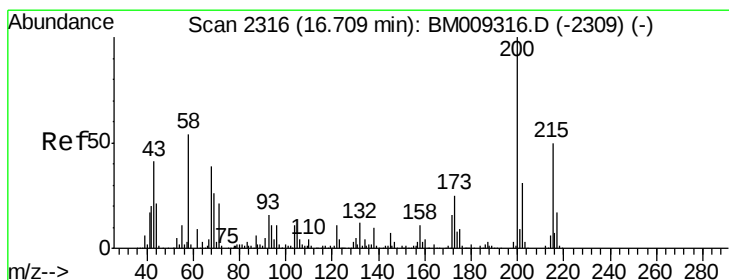
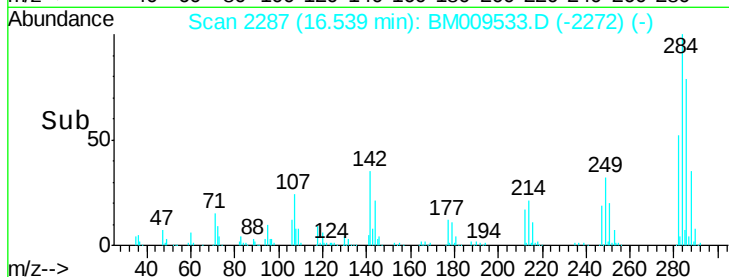
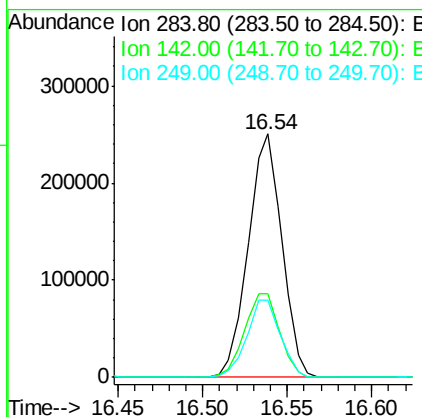
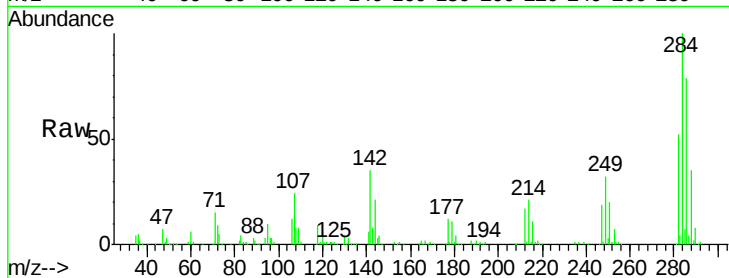
PB98027BS

Tgt Ion:	284	Resp:	347445
Ion Ratio	Lower	Upper	
284	100		
142	34.6	20.4	30.6#
249	31.6	23.8	35.6

Manual Integrations
APPROVED

UGO

4/5/2017 7:59:42 PM



#68

Atrazine

Concen: 40.58 ng

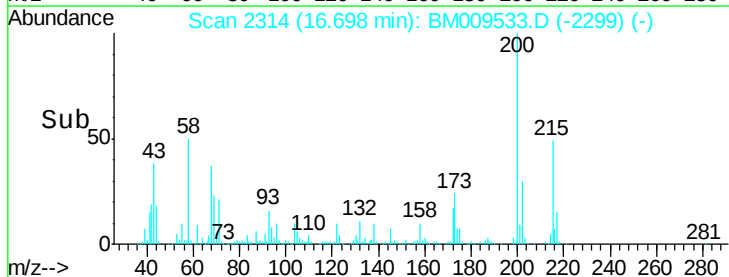
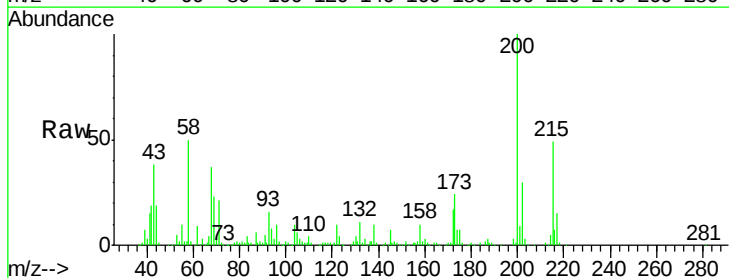
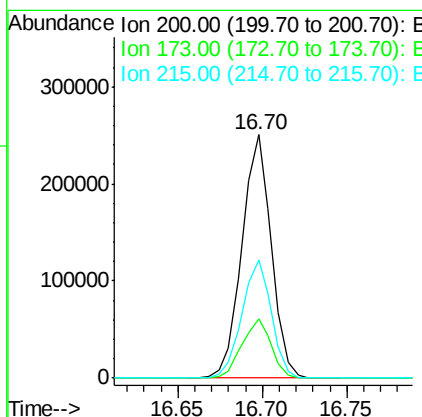
RT: 16.70 min Scan# 2314

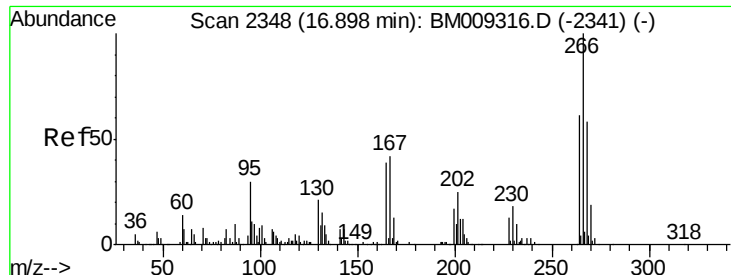
Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Tgt Ion:	200	Resp:	303632
Ion Ratio	Lower	Upper	
200	100		
173	24.1	4.8	44.8
215	48.6	26.9	66.9





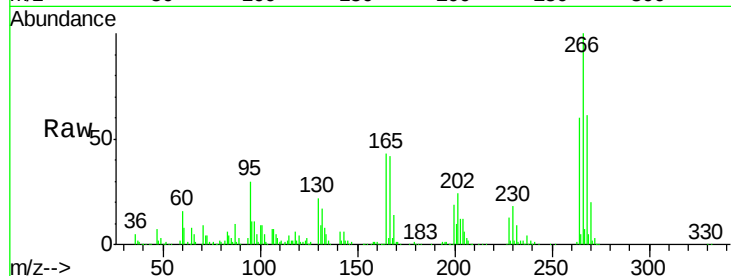
#69
 Pentachlorophenol
 Concen: 86.04 ng
 RT: 16.89 min Scan# 2346
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

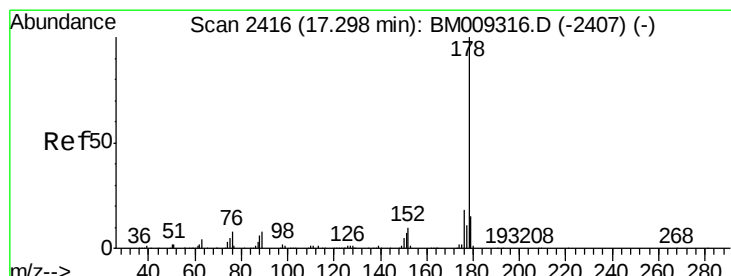
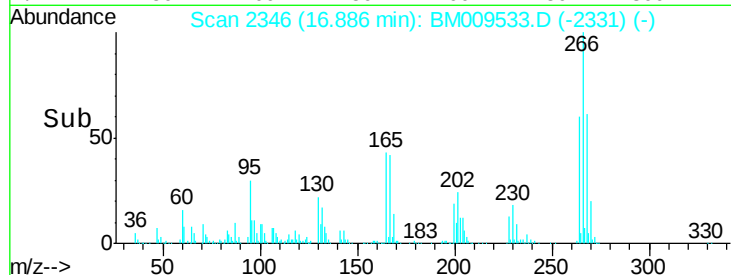
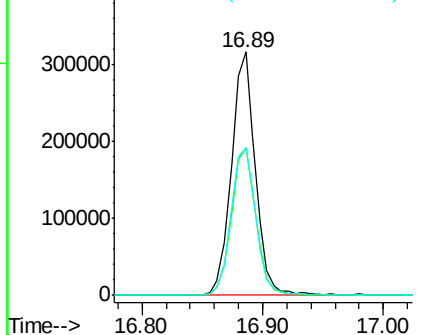
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	437157		
268	60.9	52.0	78.0	
264	60.5	49.0	73.4	

Manual Integrations
 APPROVED

UGO
 4/5/2017 7:59:42 PM

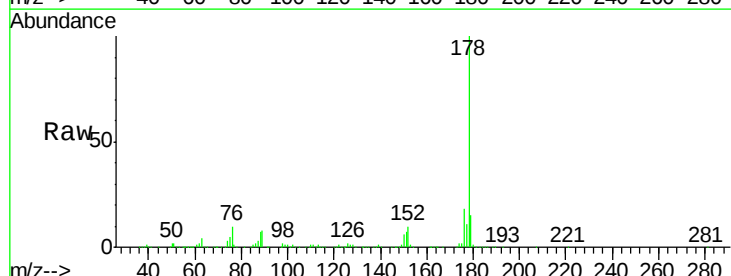


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

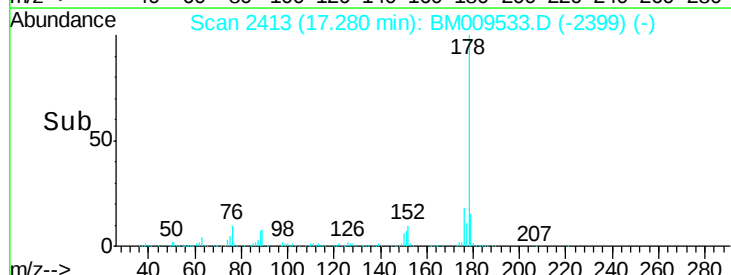
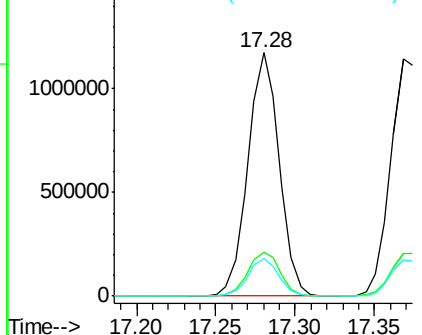


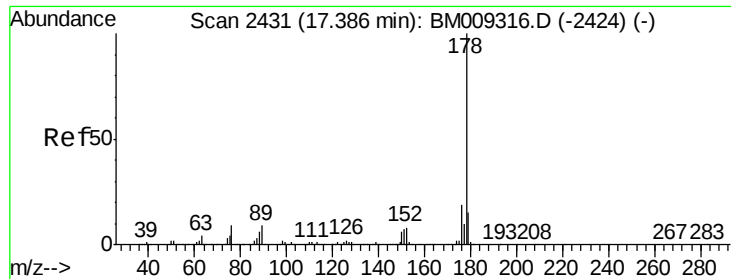
#70
 Phenanthrene
 Concen: 42.95 ng
 RT: 17.28 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1608538		
176	18.3	15.2	22.8	
179	15.5	12.1	18.1	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





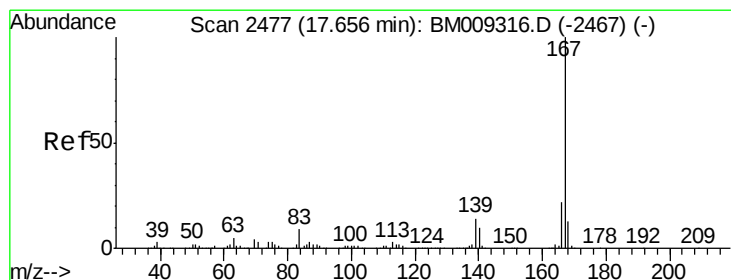
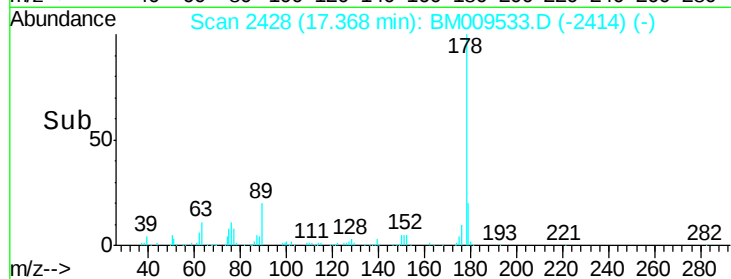
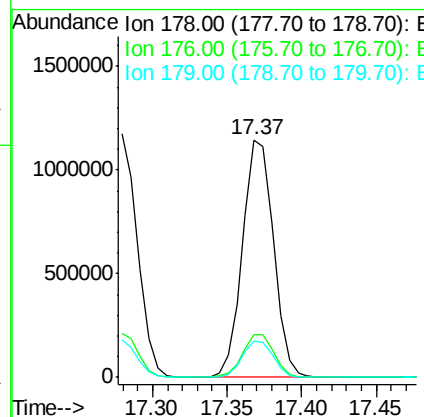
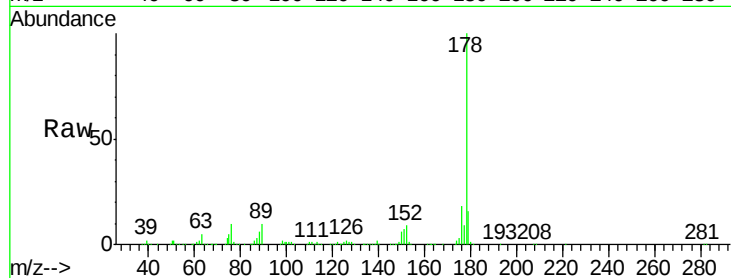
#71
 Anthracene
 Concen: 43.63 ng
 RT: 17.37 min Scan# 2428
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion:178 Resp: 1654202
 Ion Ratio Lower Upper
 178 100
 176 17.8 14.6 22.0
 179 15.5 12.6 19.0

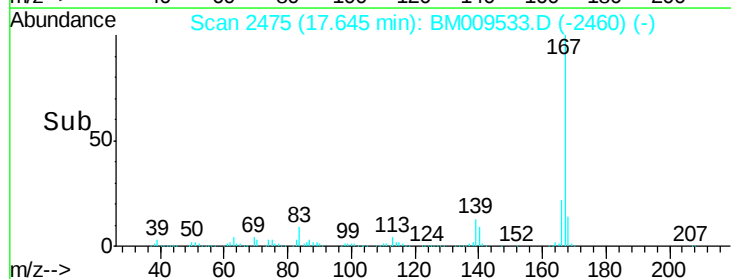
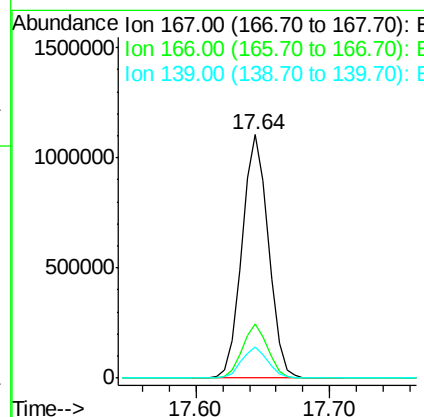
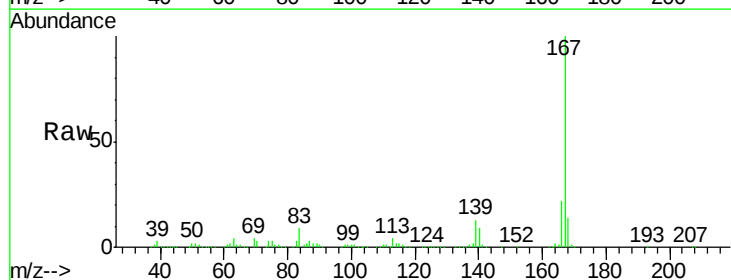
Manual Integrations
 APPROVED

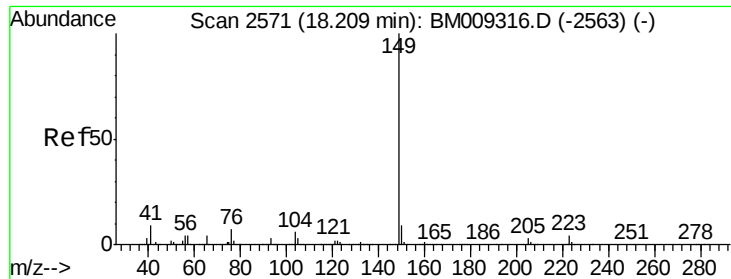
UGO
 4/5/2017 7:59:42 PM



#72
 Carbazole
 Concen: 41.55 ng
 RT: 17.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion:167 Resp: 1508862
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.2 25.8
 139 13.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 47.47 ng

RT: 18.19 min Scan# 2568

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

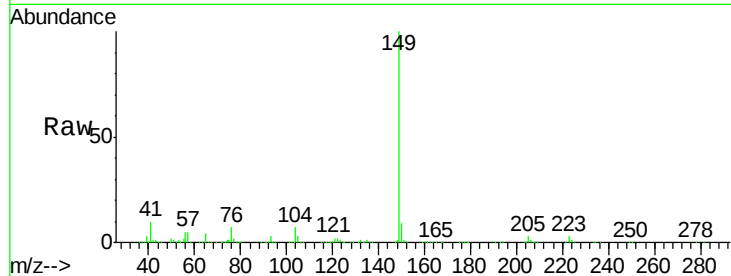
PB98027BS

Tgt Ion:	149	Resp:	1760593
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	6.6	3.7	5.5#

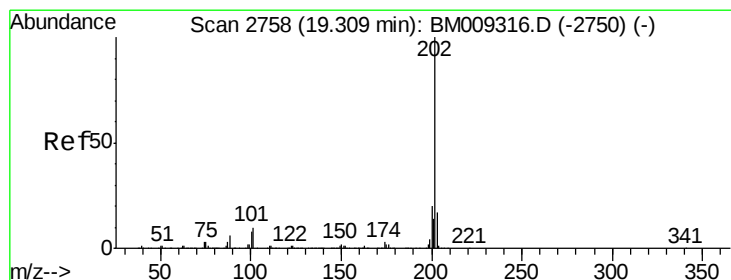
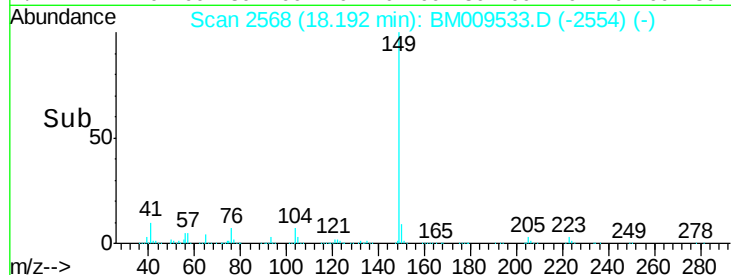
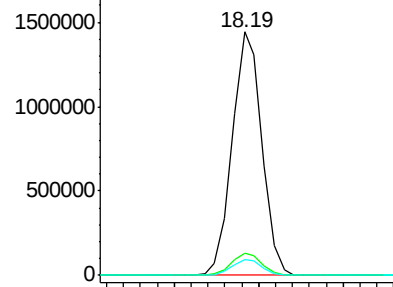
Manual Integrations
APPROVED

UGO

4/5/2017 7:59:42 PM



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.83 ng

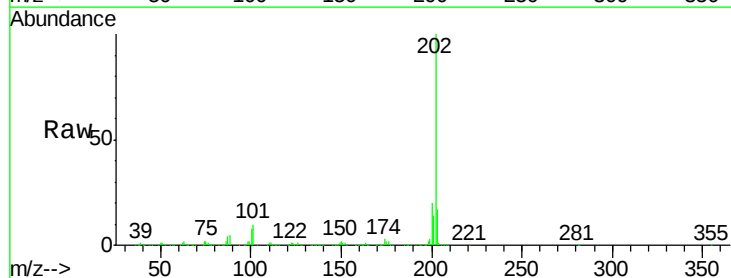
RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

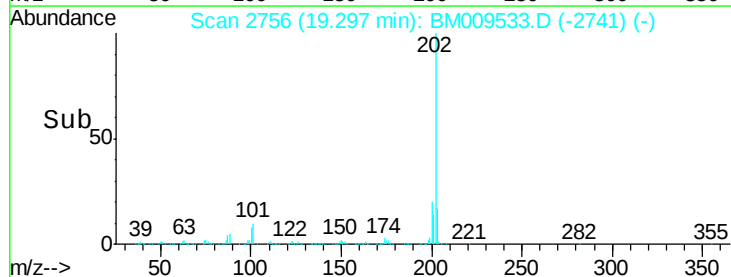
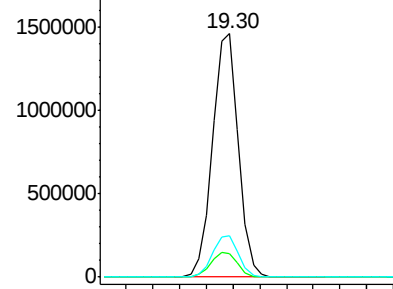
Lab File: BM009533.D

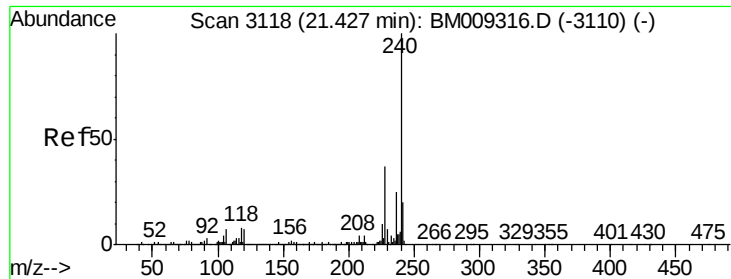
Acq: 04 Apr 2017 17:15

Tgt Ion:	202	Resp:	1988473
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	28.7
203	16.9	0.0	37.2



Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.41 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

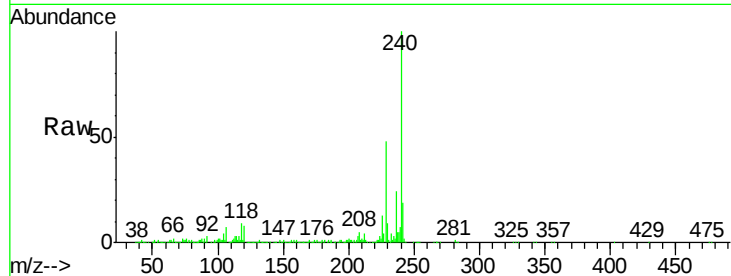
PB98027BS

Tgt Ion:	240	Resp:	880305
Ion Ratio	Lower	Upper	
240	100		
120	8.2	8.2	12.2
236	24.2	20.0	30.0

Manual Integrations
APPROVED

UGO

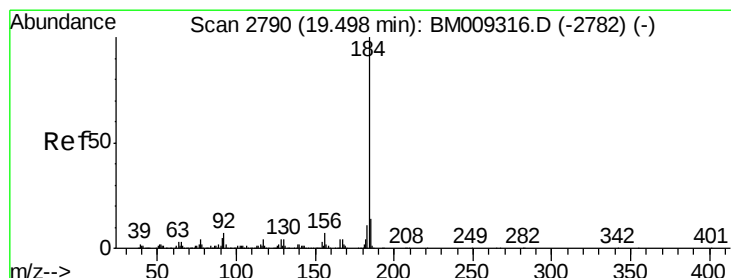
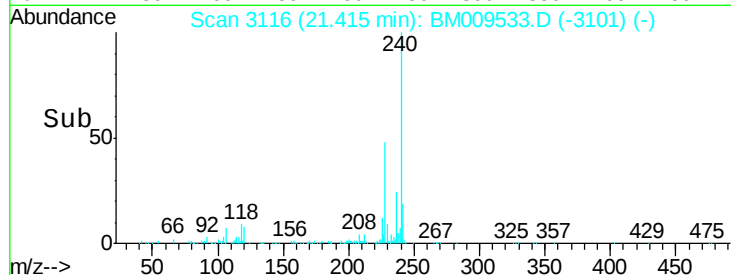
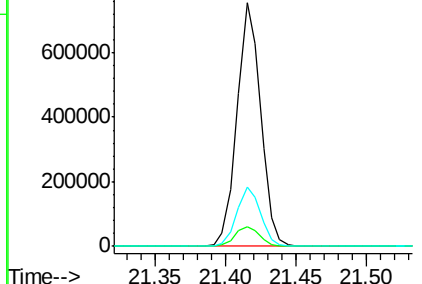
4/5/2017 7:59:42 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.80 ng

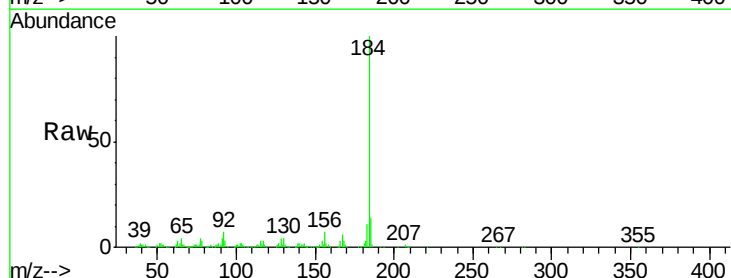
RT: 19.49 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

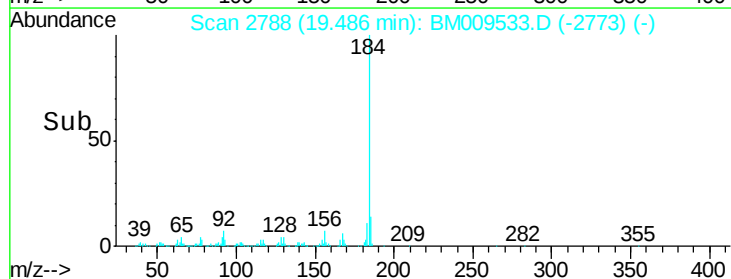
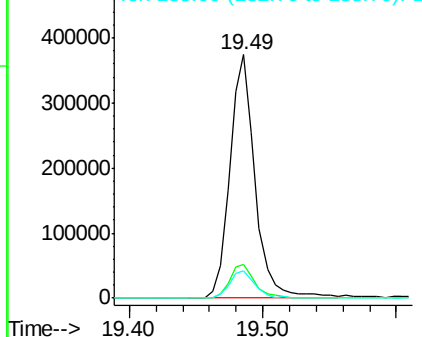
Tgt Ion:	184	Resp:	493255
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.3	16.9
183	11.5	8.9	13.3

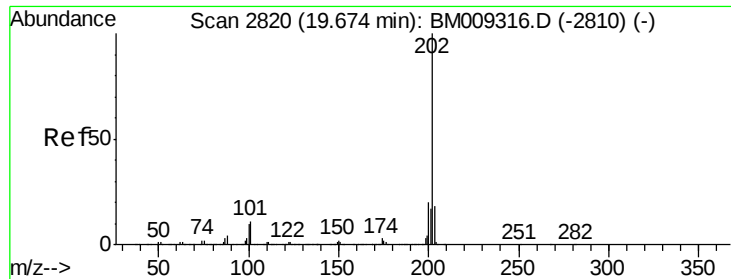


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





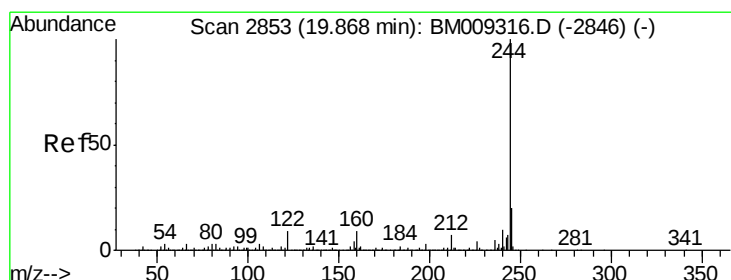
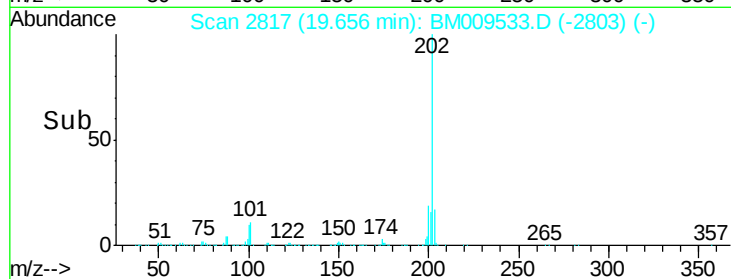
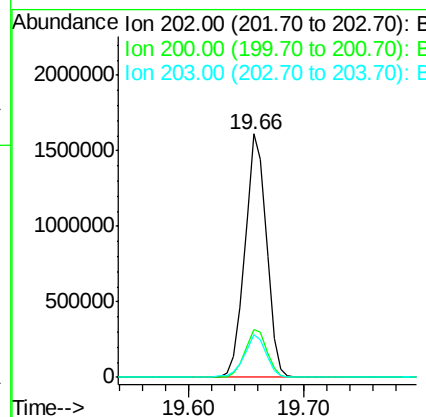
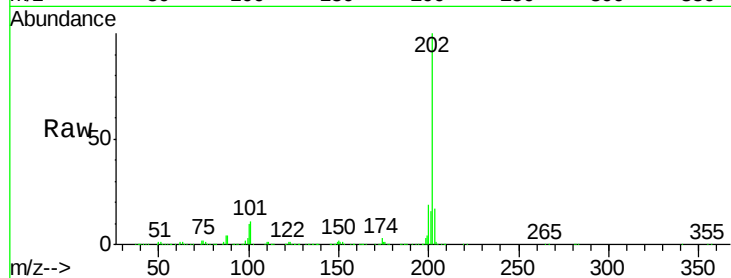
#77
 Pyrene
 Concen: 41.64 ng
 RT: 19.66 min Scan# 2817
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.9	25.3
203	17.3	14.1	21.1

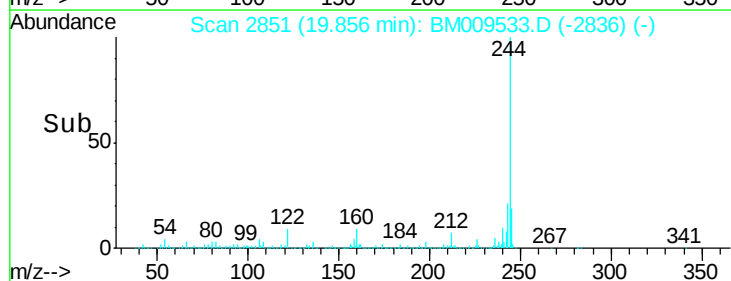
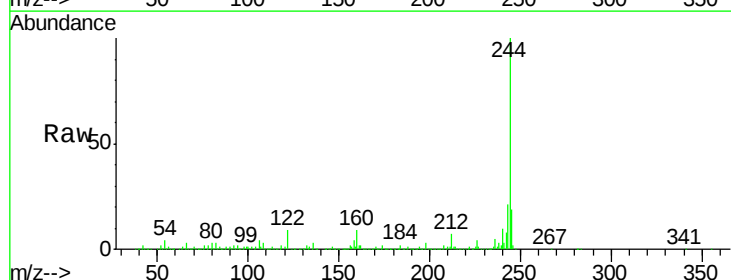
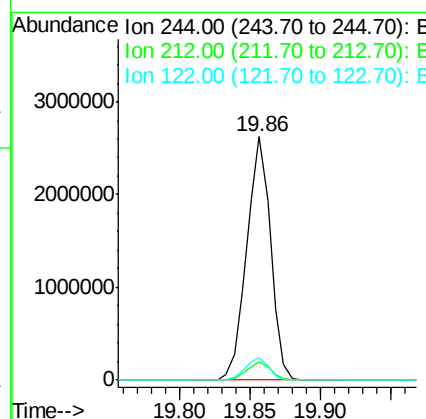
Manual Integrations
 APPROVED

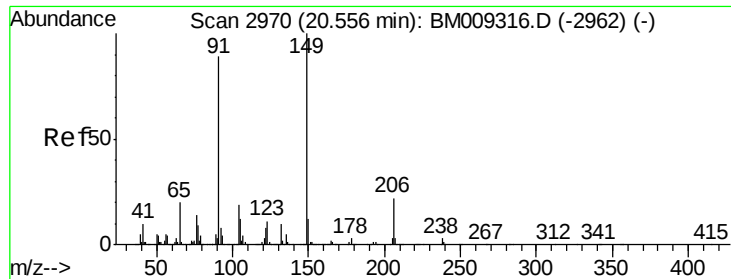
UGO
 4/5/2017 7:59:42 PM



#78
 Terphenyl-d14
 Concen: 73.70 ng
 RT: 19.86 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	9.2	6.2	9.4





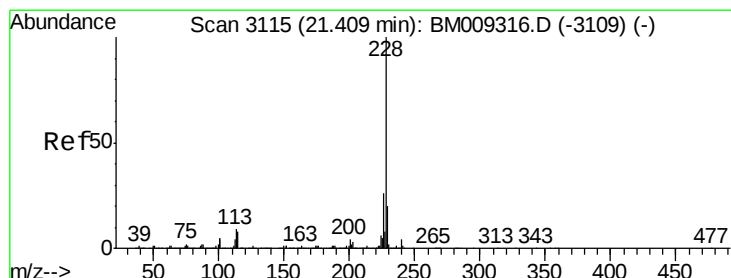
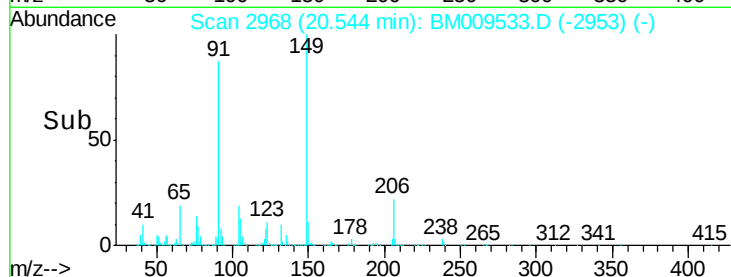
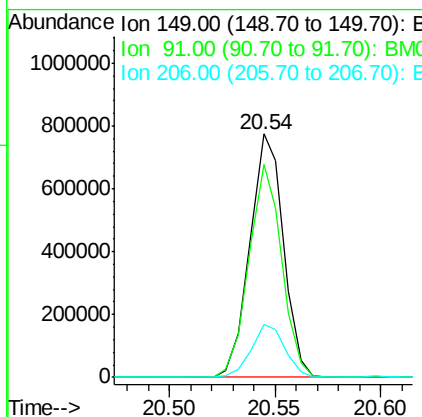
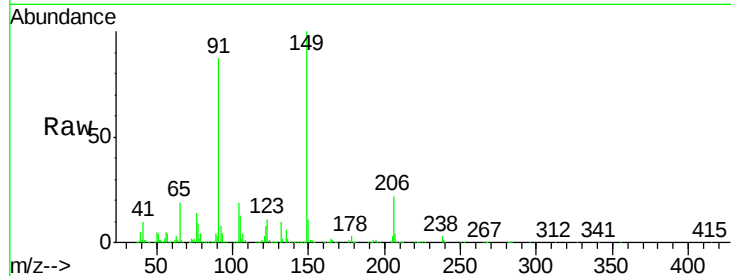
#79
Butylbenzylphthalate
Concen: 47.74 ng
RT: 20.54 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB98027BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	858279		
91	87.3	50.1	75.1#	
206	21.7	16.2	24.2	

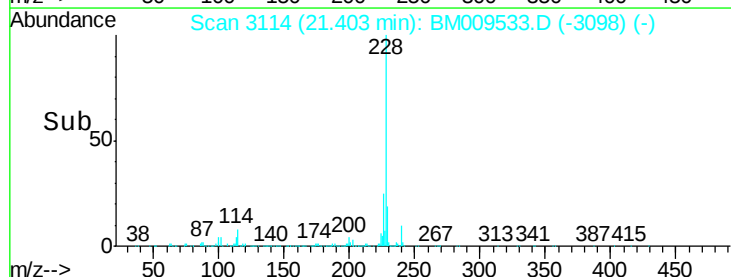
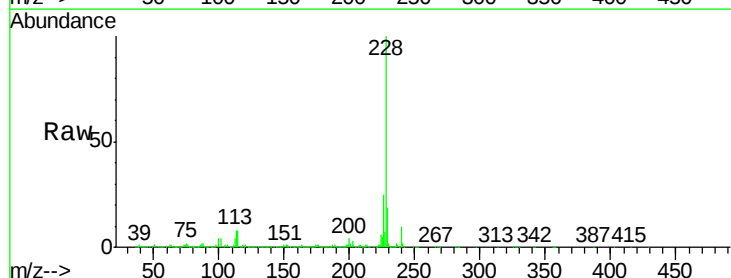
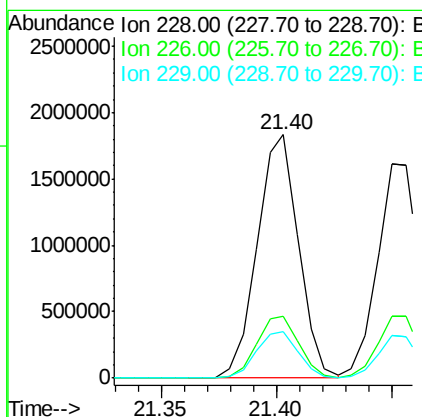
Manual Integrations
APPROVED

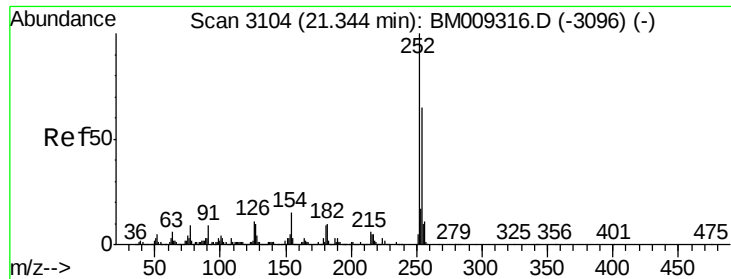
UGO
4/5/2017 7:59:42 PM



#80
Benzo(a)anthracene
Concen: 44.30 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2277669		
226	25.5	21.7	32.5	
229	18.9	16.0	24.0	





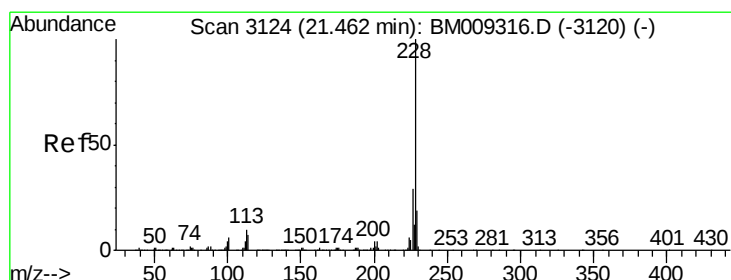
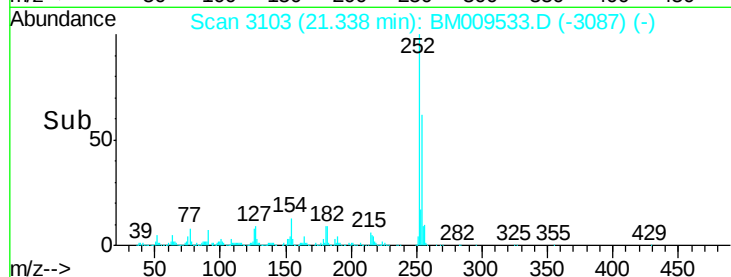
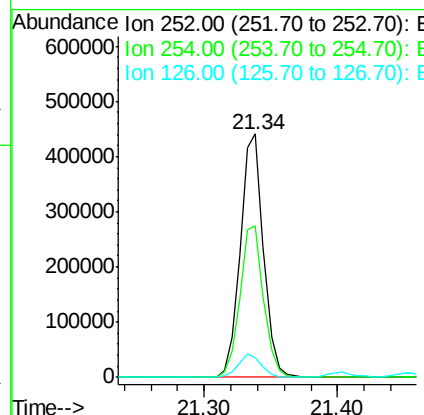
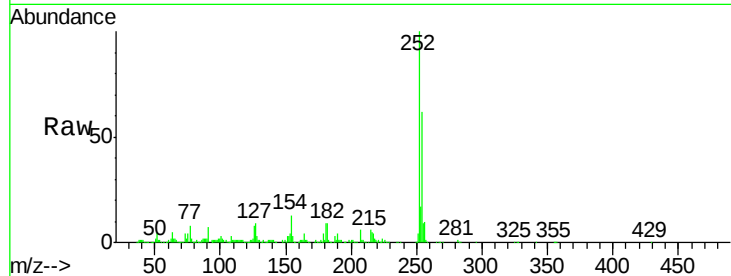
#81
 3,3'-Dichlorobenzidine
 Concen: 27.65 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.1	51.9	77.9
126	8.2	9.8	14.8

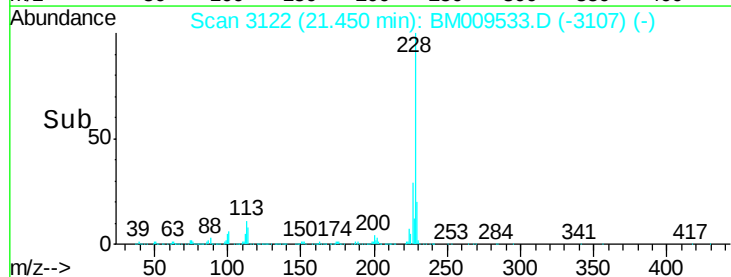
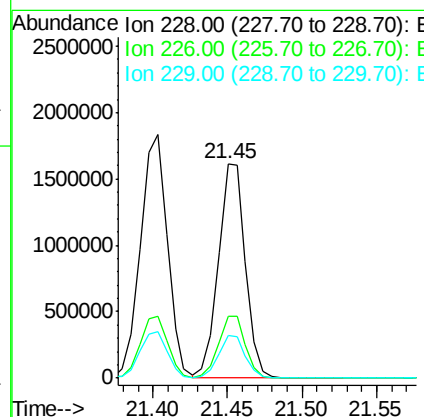
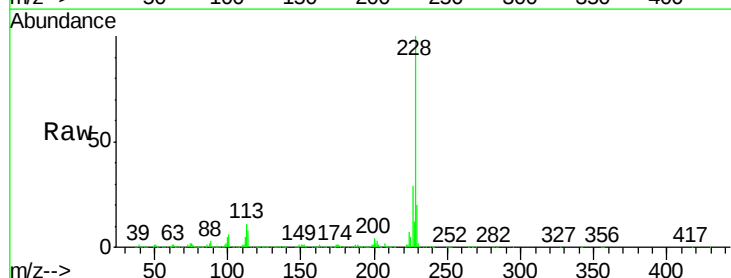
Manual Integrations
 APPROVED

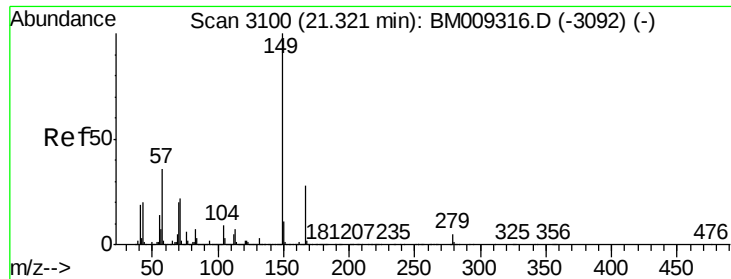
UGO
 4/5/2017 7:59:42 PM



#82
 Chrysene
 Concen: 41.60 ng
 RT: 21.45 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.7	24.1	36.1
229	19.6	15.5	23.3





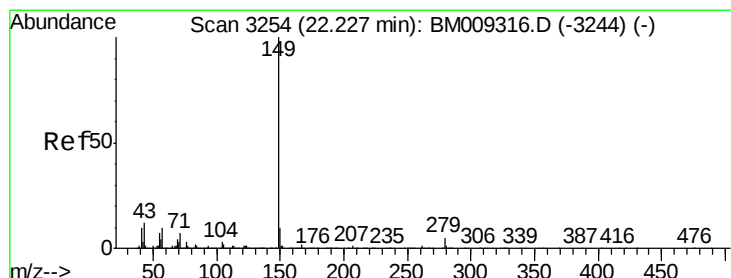
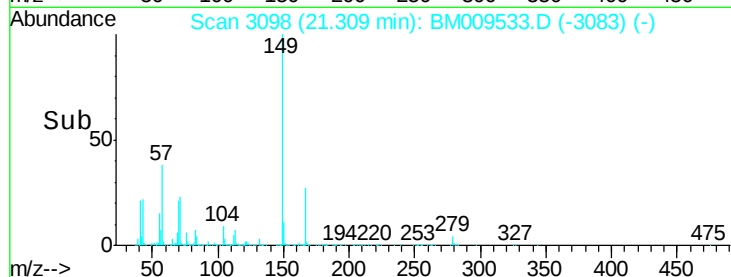
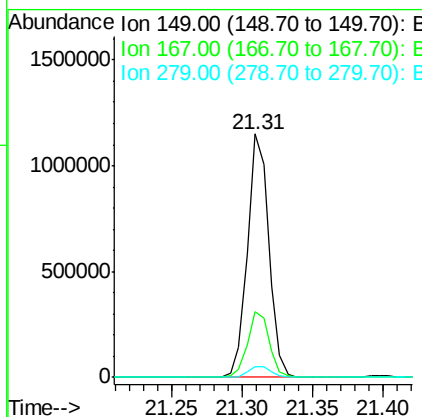
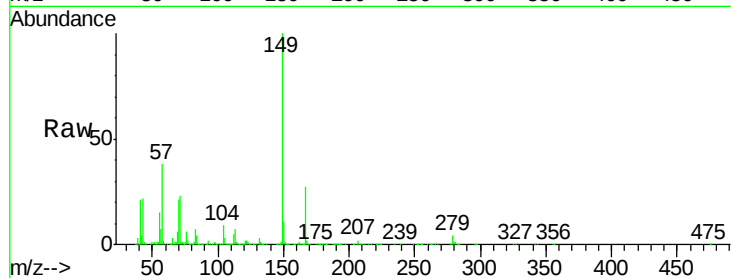
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.41 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion:149 Resp: 1218183
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.4 33.6
 279 4.4 3.4 5.0

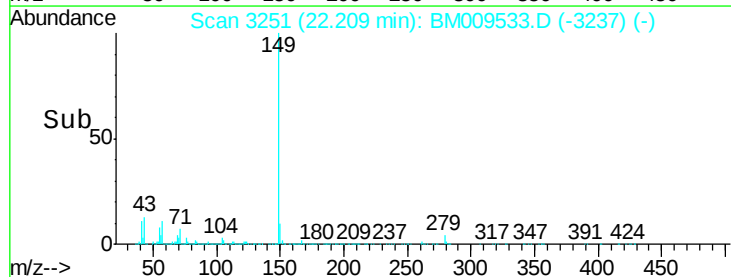
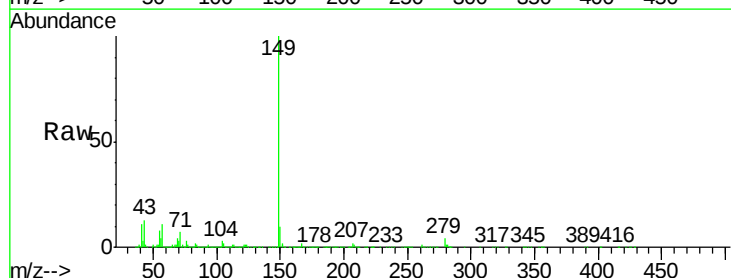
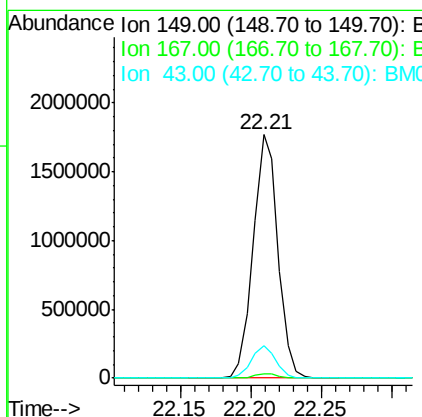
Manual Integrations
 APPROVED

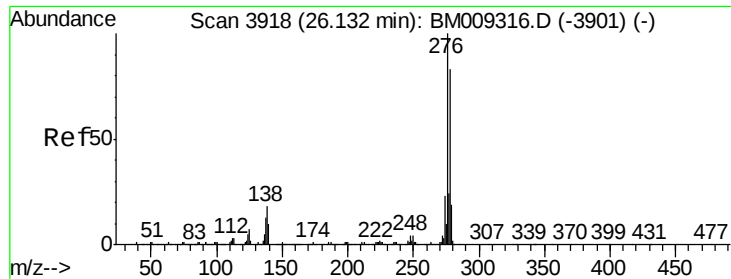
UGO
 4/5/2017 7:59:42 PM



#84
 Di-n-octyl phthalate
 Concen: 48.72 ng
 RT: 22.21 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion:149 Resp: 2175286
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 13.4 7.3 10.9#





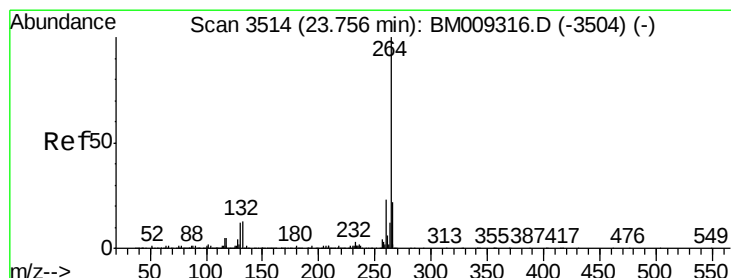
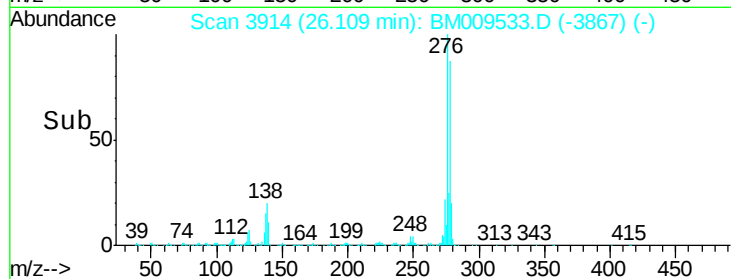
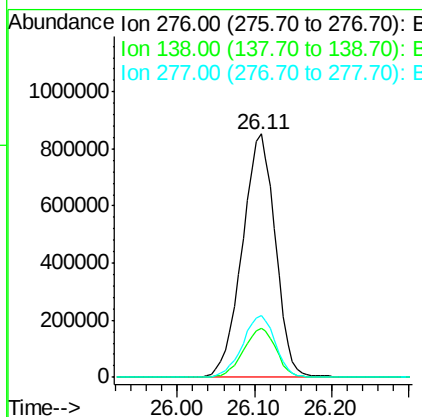
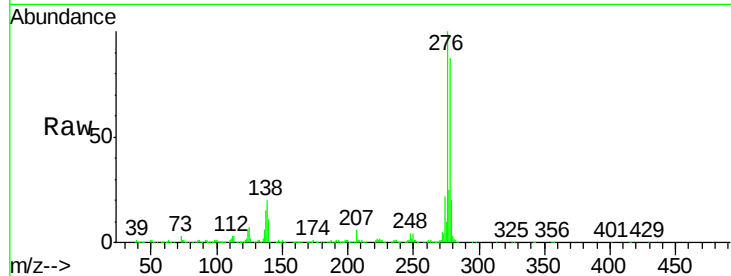
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.89 ng
 RT: 26.11 min Scan# 3914
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	0.0	0.0#
277	25.1	0.0	0.0#

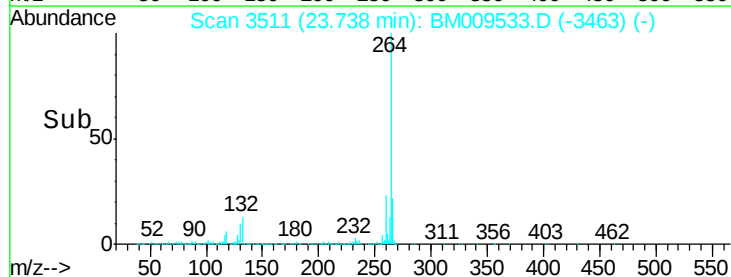
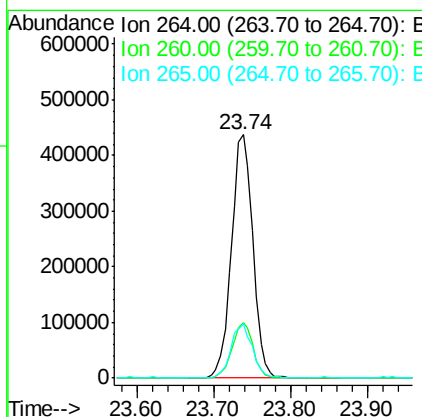
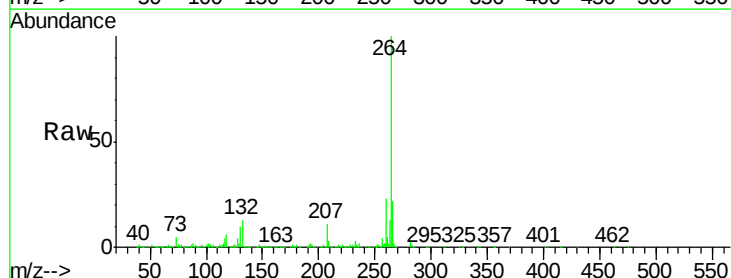
Manual Integrations
 APPROVED

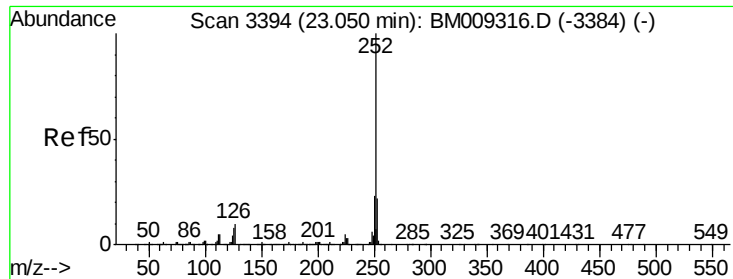
UGO
 4/5/2017 7:59:42 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	22.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 42.00 ng

RT: 23.03 min Scan# 3391

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

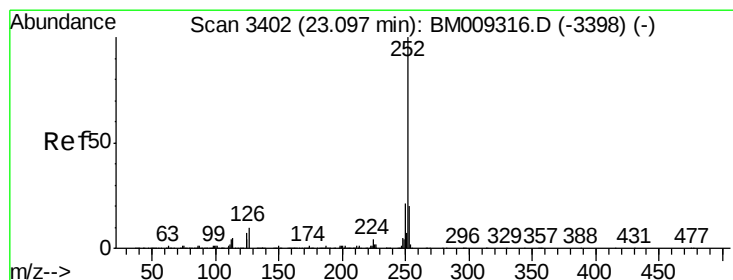
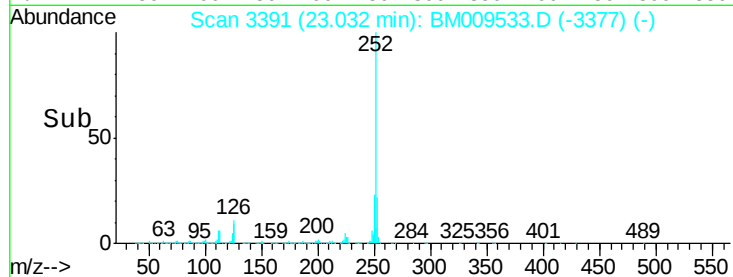
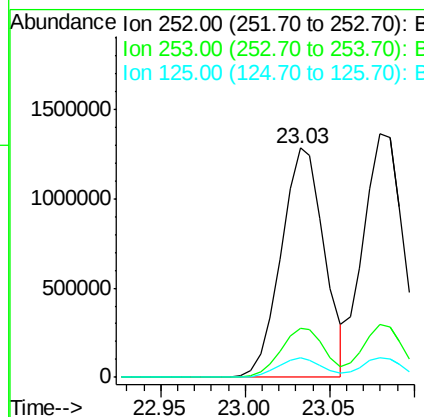
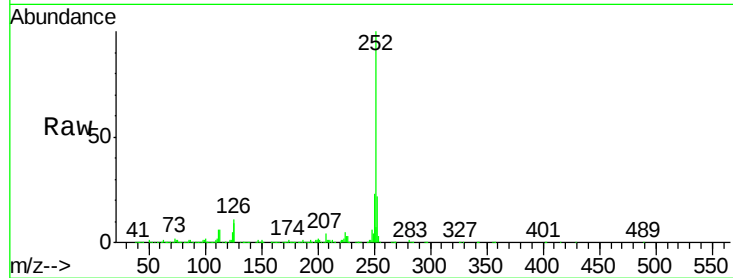
Instrument :
BNA_M

ClientSampleId :
PB98027BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	8.6	9.9	14.9

Manual Integrations
APPROVED

UGO
4/5/2017 7:59:42 PM



#88

Benzo(k)fluoranthene

Concen: 43.28 ng

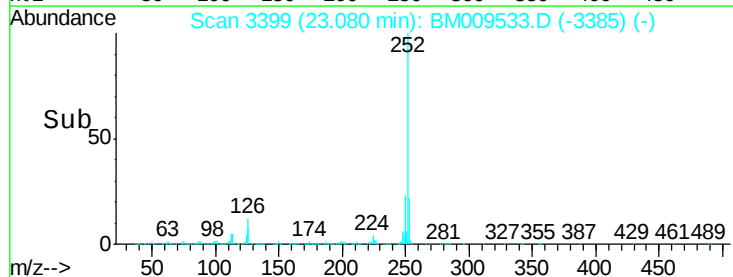
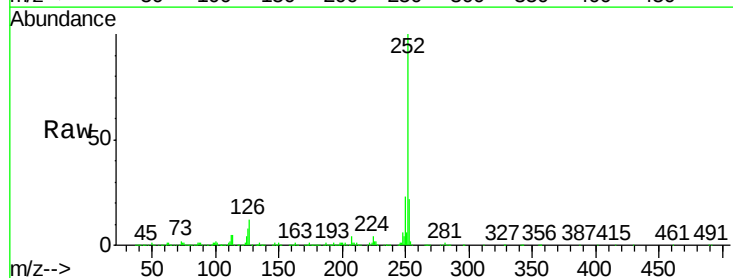
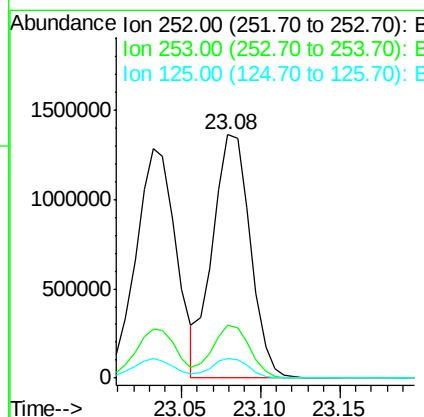
RT: 23.08 min Scan# 3399

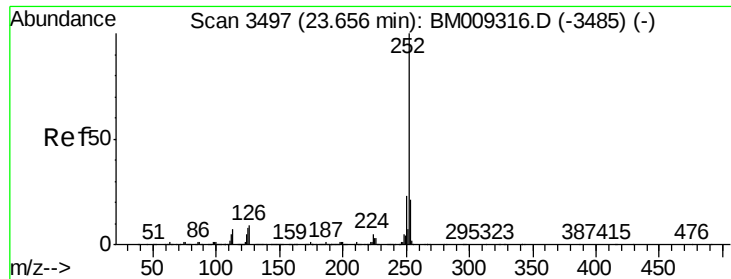
Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.3	8.1	12.1





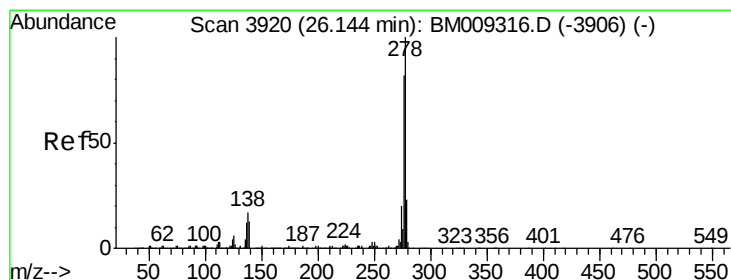
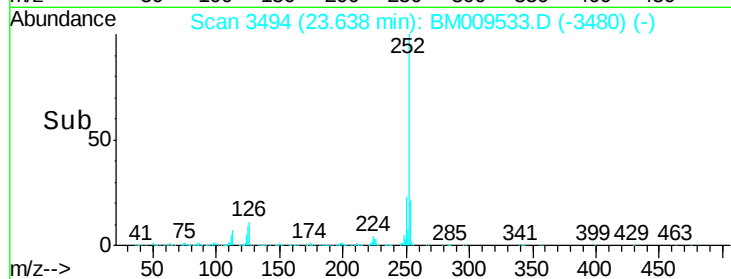
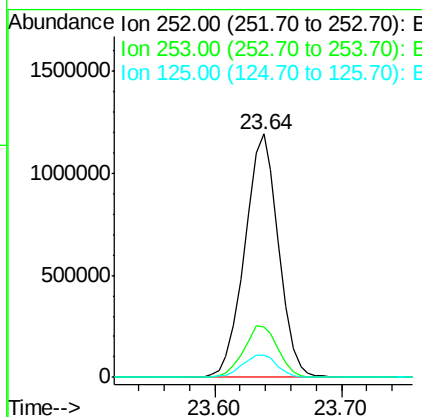
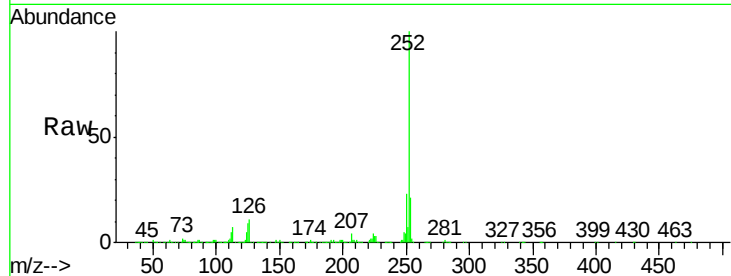
#89
Benzo(a)pyrene
Concen: 44.06 ng
RT: 23.64 min Scan# 3494
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB98027BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.6	26.4
125	9.3	7.4	11.2

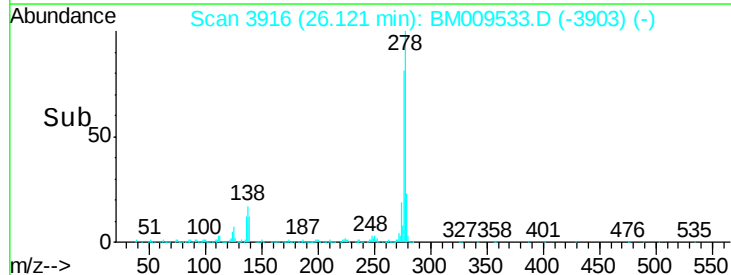
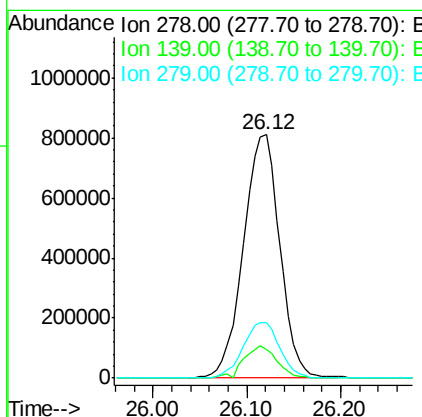
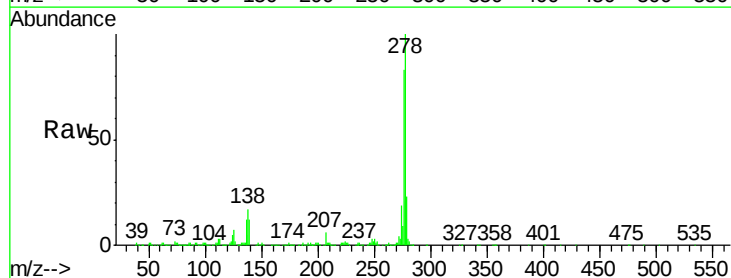
Manual Integrations
APPROVED

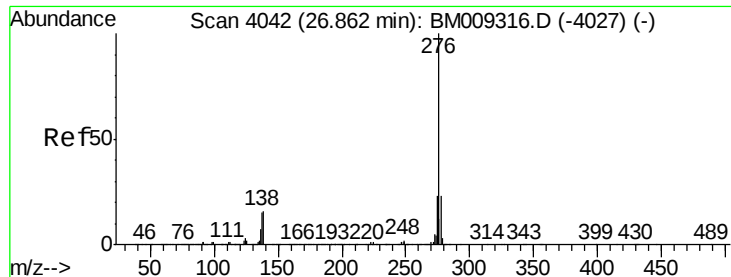
UGO
4/5/2017 7:59:42 PM



#90
Dibenzo(a,h)anthracene
Concen: 44.22 ng
RT: 26.12 min Scan# 3916
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.0	13.4	20.0#
279	22.9	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 43.64 ng
 RT: 26.83 min Scan# 4037
 Delta R.T. -0.03 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	16.8	19.0	28.6

Manual Integrations
 APPROVED

UGO
 4/5/2017 7:59:42 PM

