

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003434.D
 Acq On : 10 Dec 2015 04:06
 Operator : UM/IZ
 Sample : PB87152BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87152BS

Manual Integrations
 APPROVED

MMdadoda
 12/10/2015 5:48:34 PM

Quant Time: Dec 10 05:53:15 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	73587	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	318298	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	170377	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	325766	20.00	ng	0.00
75) Chrysene-d12	21.32	240	279494	20.00	ng	0.00
86) Perylene-d12	23.57	264	280110	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	566600	136.89	ng	0.00
7) Phenol-d6	6.90	99	739413	128.65	ng	0.00
23) Nitrobenzene-d5	8.88	82	435912	84.91	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	205647	120.86	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1040015	83.17	ng	0.00
78) Terphenyl-d14	19.76	244	964864	81.41	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	58060	33.81	ng	# 100
3) Pyridine	3.60	79	174314	36.23	ng	88
4) n-Nitrosodimethylamine	3.53	42	64198	41.68	ng	84
6) Aniline	7.05	93	197372	26.09	ng	95
8) 2-Chlorophenol	7.29	128	230115	43.91	ng	95
9) Benzaldehyde	6.86	77	112486	39.91	ng	97
10) Phenol	6.92	94	272657	44.71	ng	# 71
11) bis(2-Chloroethyl)ether	7.15	93	192987	39.11	ng	96
12) 1,3-Dichlorobenzene	7.61	146	225461	39.16	ng	98
13) 1,4-Dichlorobenzene	7.76	146	231550	39.00	ng	97
14) 1,2-Dichlorobenzene	8.07	146	225132	39.72	ng	96
15) Benzyl Alcohol	7.96	79	181450	45.62	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	198814	37.72	ng	91
17) 2-Methylphenol	8.16	107	190068	44.58	ng	97
18) Hexachloroethane	8.80	117	81062	39.74	ng	90
19) n-Nitroso-di-n-propylamine	8.53	70	149752	39.72	ng	# 88
20) 3+4-Methylphenols	8.49	107	255672	43.34	ng	97
22) Acetophenone	8.55	105	307746	39.45	ng	# 90
24) Nitrobenzene	8.92	77	229219	41.30	ng	90
25) Isophorone	9.45	82	415032	39.97	ng	98
26) 2-Nitrophenol	9.63	139	116764	41.59	ng	95
27) 2,4-Dimethylphenol	9.69	122	215552	44.10	ng	94
28) bis(2-Chloroethoxy)methane	9.93	93	268435	43.02	ng	99
29) 2,4-Dichlorophenol	10.16	162	215159	46.21	ng	98
30) 1,2,4-Trichlorobenzene	10.38	180	211759	40.73	ng	98
31) Naphthalene	10.56	128	681148	40.90	ng	100
32) Benzoic acid	9.83	122	127826m	43.18	ng	
33) 4-Chloroaniline	10.67	127	51715	7.52	ng	96
34) Hexachlorobutadiene	10.85	225	123994	40.22	ng	97
35) Caprolactam	11.45	113	60081m	39.03	ng	
36) 4-Chloro-3-methylphenol	11.80	107	221301	42.15	ng	90
37) 2-Methylnaphthalene	12.18	142	493623	43.21	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	229576	41.91	ng	# 100
40) Hexachlorocyclopentadiene	12.53	237	280955	91.96	ng	99

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003434.D
 Acq On : 10 Dec 2015 04:06
 Operator : UM/IZ
 Sample : PB87152BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 PB87152BS

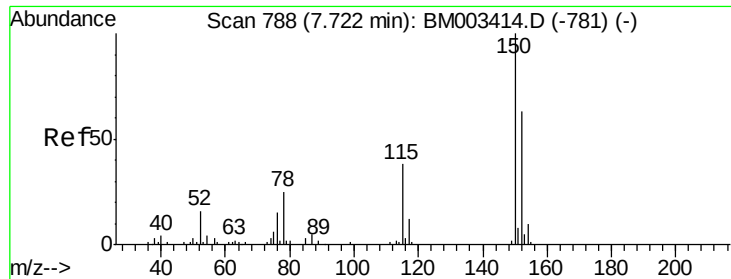
Manual Integrations
 APPROVED

MMdadoda
 12/10/2015 5:48:34 PM

Quant Time: Dec 10 05:53:15 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	160022	44.79	ng	99
43) 2,4,5-Trichlorophenol	12.87	196	169822	45.23	ng #	90
45) 1,1'-Biphenyl	13.20	154	619468	41.00	ng	99
46) 2-Chloronaphthalene	13.25	162	468664	42.23	ng #	93
47) 2-Nitroaniline	13.45	65	114187	41.48	ng	93
48) Acenaphthylene	14.09	152	769940	41.61	ng	100
49) Dimethylphthalate	13.83	163	568622	40.50	ng	100
50) 2,6-Dinitrotoluene	13.95	165	123290	42.09	ng	94
51) Acenaphthene	14.44	154	443840	41.40	ng	99
52) 3-Nitroaniline	14.28	138	48258	16.10	ng	91
53) 2,4-Dinitrophenol	14.49	184	110539	67.90	ng #	77
54) Dibenzofuran	14.77	168	700164	45.21	ng	94
55) 4-Nitrophenol	14.59	139	193488	78.16	ng	83
56) 2,4-Dinitrotoluene	14.74	165	162525	42.76	ng #	69
57) Fluorene	15.43	166	532169	41.45	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	133654	46.31	ng #	100
59) Diethylphthalate	15.20	149	550207	39.91	ng	99
60) 4-Chlorophenyl-phenylether	15.42	204	260068	40.06	ng	94
61) 4-Nitroaniline	15.44	138	116183	37.95	ng	76
62) Azobenzene	15.72	77	489350	45.28	ng	96
64) 4,6-Dinitro-2-methylphenol	15.50	198	75604	38.47	ng	86
65) n-Nitrosodiphenylamine	15.64	169	463548	45.01	ng	99
66) 4-Bromophenyl-phenylether	16.32	248	152190	43.33	ng #	88
67) Hexachlorobenzene	16.43	284	164672	43.64	ng #	80
68) Atrazine	16.59	200	147196	45.82	ng	98
69) Pentachlorophenol	16.77	266	179238	83.20	ng	99
70) Phenanthrene	17.16	178	777744	42.55	ng	99
71) Anthracene	17.26	178	784819	43.21	ng	99
72) Carbazole	17.53	167	688202	43.49	ng	99
73) Di-n-butylphthalate	18.09	149	806491	43.60	ng	99
74) Fluoranthene	19.19	202	790829	41.95	ng	98
76) Benzidine	19.37	184	276767	30.91	ng	100
77) Pyrene	19.55	202	816183	41.64	ng	99
79) Butylbenzylphthalate	20.45	149	317660	42.08	ng	94
80) Benzo(a)anthracene	21.30	228	716187	42.74	ng	100
81) 3,3'-Dichlorobenzidine	21.23	252	135695	25.43	ng	97
82) Chrysene	21.35	228	648228	40.19	ng	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	441203	42.62	ng	99
84) Di-n-octyl phthalate	22.11	149	773584	45.23	ng #	94
85) Indeno(1,2,3-cd)pyrene	25.85	276	848825	50.09	ng #	100
87) Benzo(b)fluoranthene	22.89	252	728003	42.76	ng	98
88) Benzo(k)fluoranthene	22.94	252	674230	40.56	ng	100
89) Benzo(a)pyrene	23.47	252	696488	43.49	ng #	98
90) Dibenzo(a,h)anthracene	25.86	278	704615	45.06	ng	99
91) Benzo(g,h,i)perylene	26.55	276	721436	45.67	ng	99

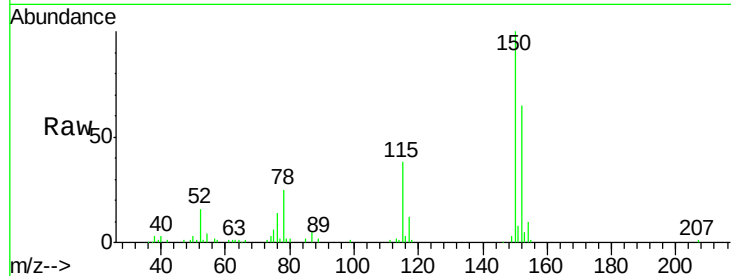
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

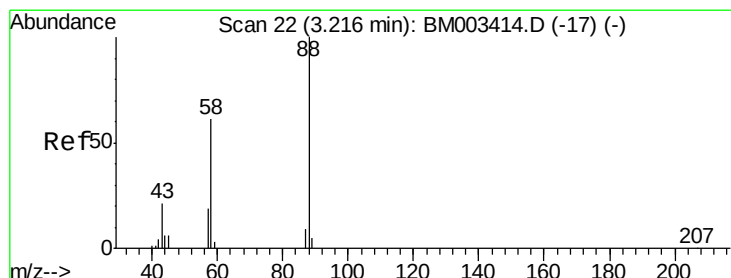
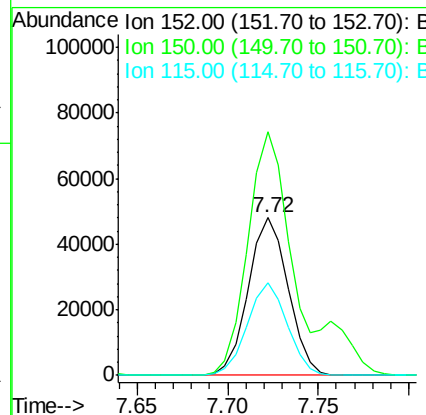
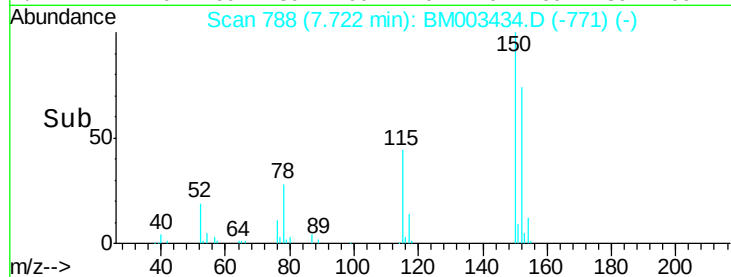
Instrument :
BNA_M
ClientSampleId :
PB87152BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.8	119.5	179.3
115	59.2	43.0	64.4

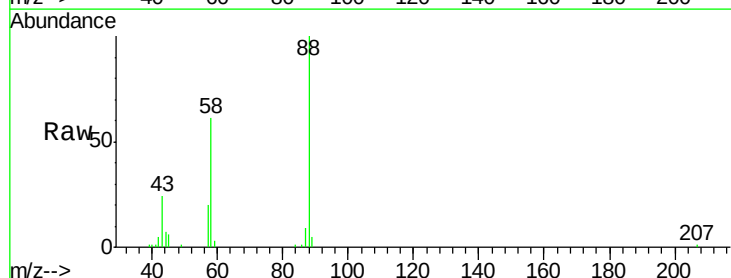
Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM

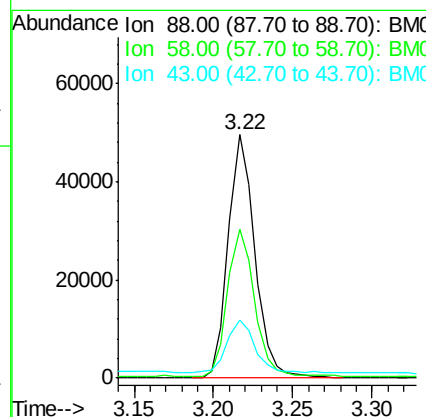
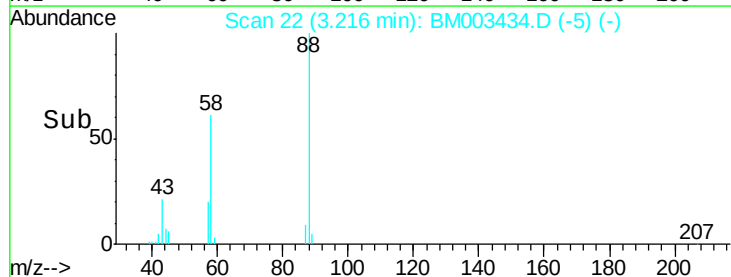


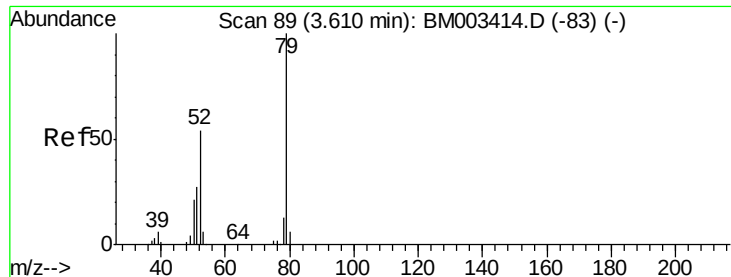
#2

1,4-Dioxane
Concen: 33.81 ng
RT: 3.22 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06



Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.3	0.0	0.0#
43	23.3	0.0	0.0#





#3

Pyridine

Concen: 36.23 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

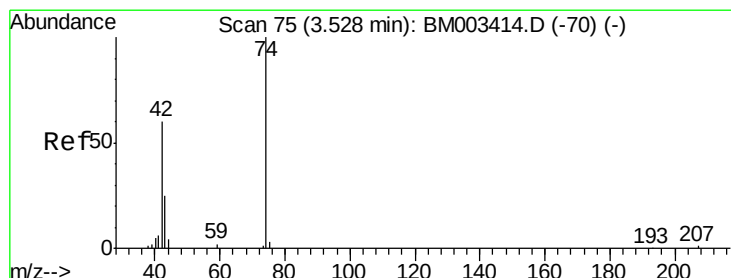
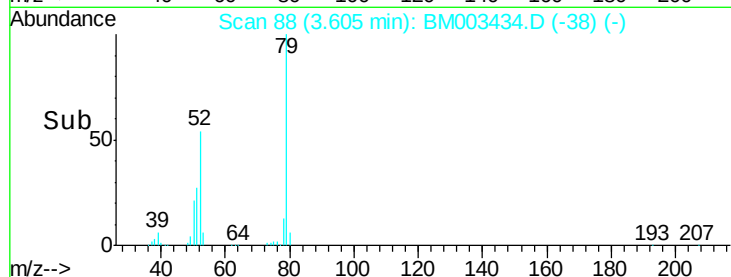
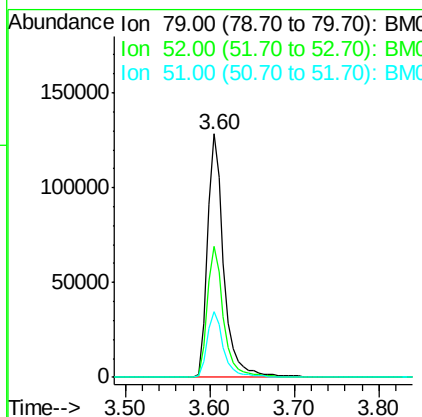
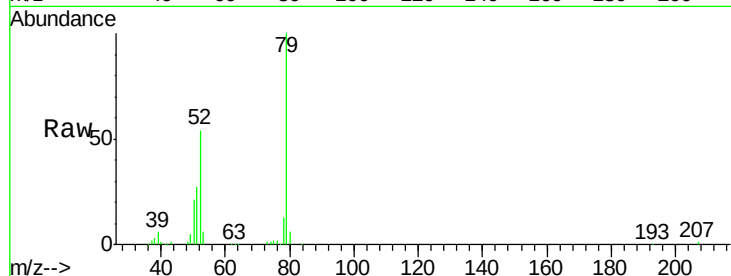
ClientSampleId :

PB87152BS

Tgt Ion:	79	Resp:	174314
Ion	Ratio	Lower	Upper
79	100		
52	53.7	51.1	76.7
51	27.2	26.1	39.1

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#4

n-Nitrosodimethylamine

Concen: 41.68 ng

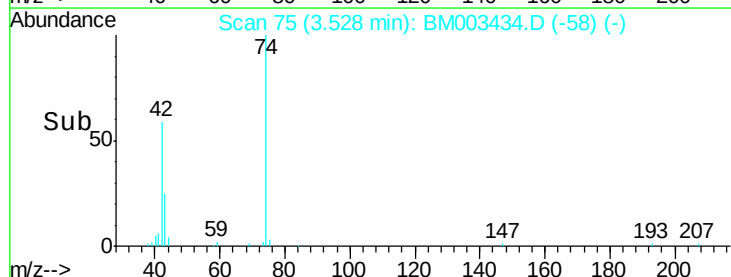
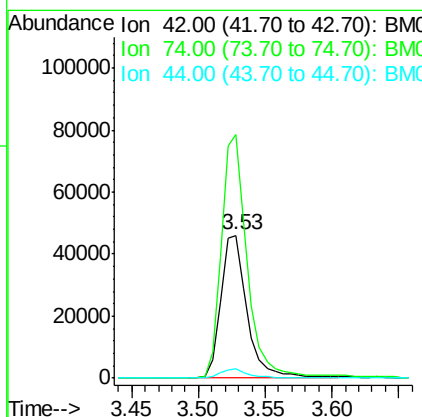
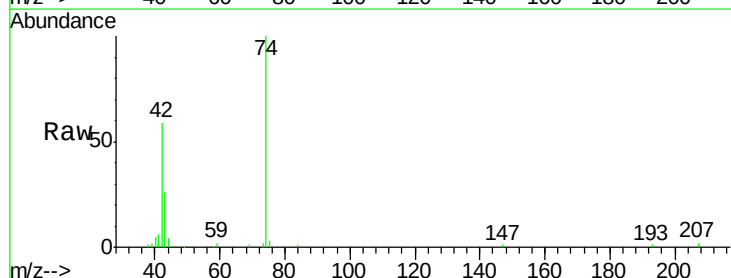
RT: 3.53 min Scan# 75

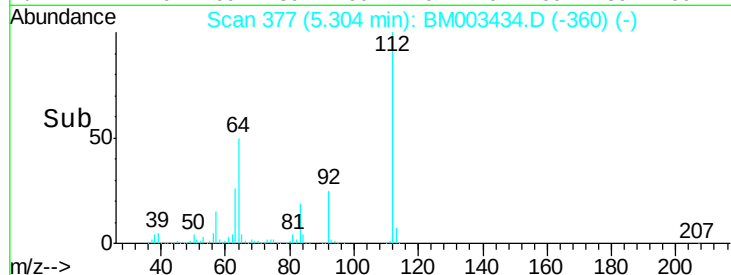
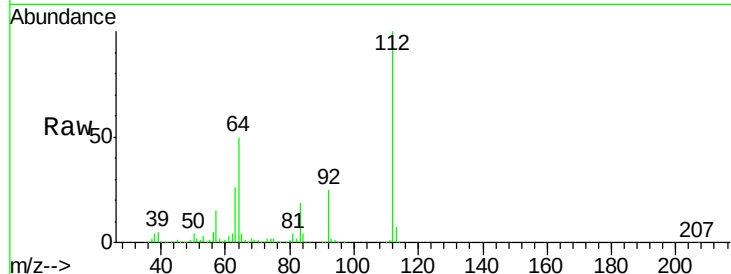
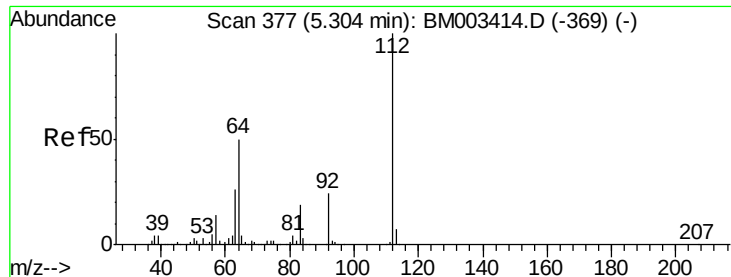
Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	42	Resp:	64198
Ion	Ratio	Lower	Upper
42	100		
74	170.3	119.3	178.9
44	6.2	5.4	8.2





#5

2-Fluorophenol

Concen: 136.89 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	112	Resp:	566600
Ion Ratio	Lower	Upper	
112	100		
64	50.4	38.6	57.8
63	26.4	19.3	28.9

Instrument :

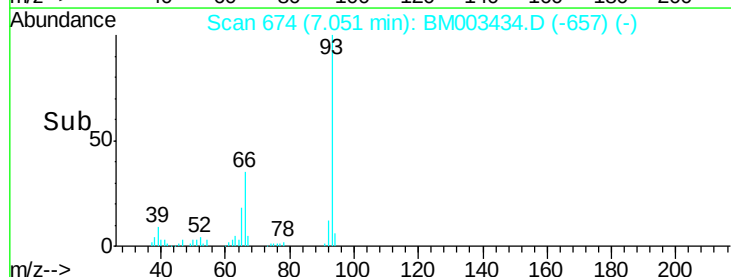
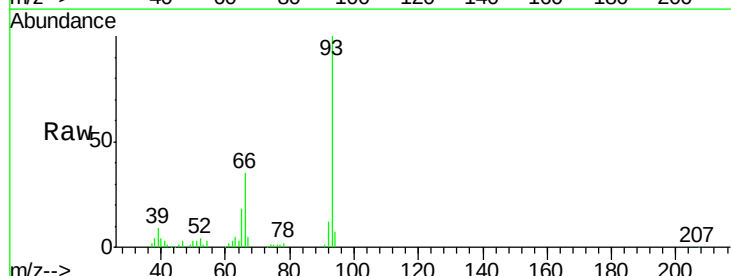
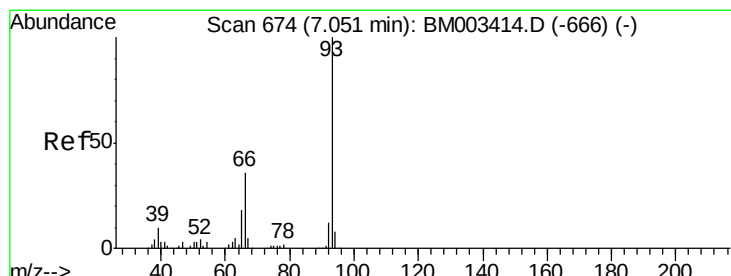
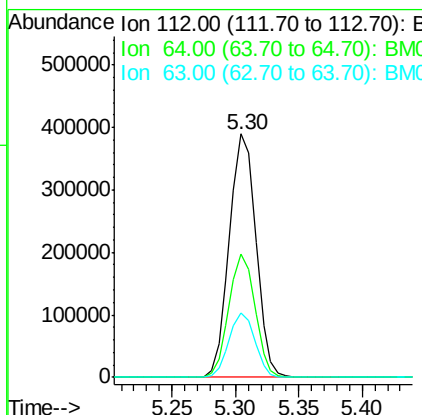
BNA_M

ClientSampleId :

PB87152BS

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#6

Aniline

Concen: 26.09 ng

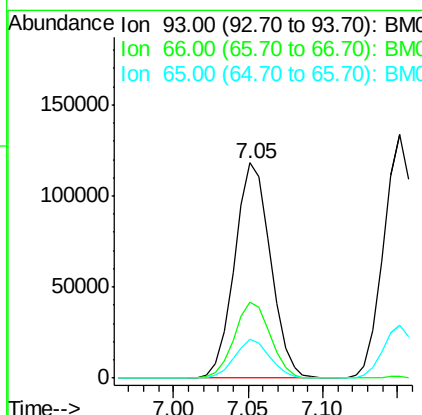
RT: 7.05 min Scan# 674

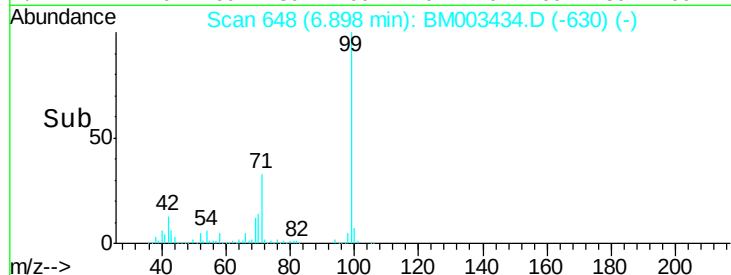
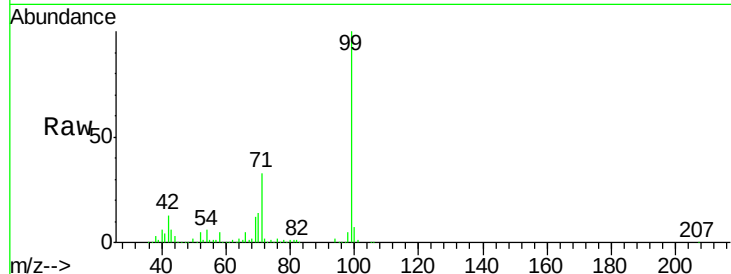
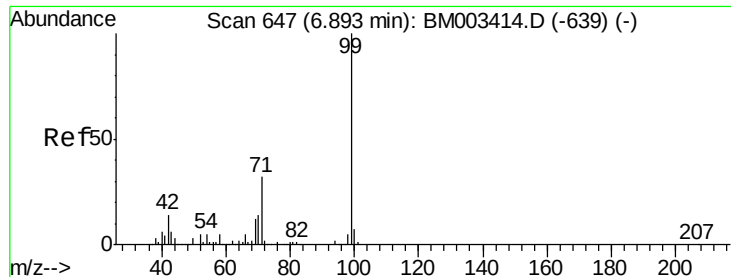
Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	93	Resp:	197372
Ion Ratio	Lower	Upper	
93	100		
66	35.5	30.8	46.2
65	17.9	16.0	24.0





#7

Phenol-d6

Concen: 128.65 ng

RT: 6.90 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	99	Resp:	739413
Ion Ratio	Lower	Upper	
99	100		
42	13.3	11.0	16.4
71	32.9	23.4	35.2

Instrument :

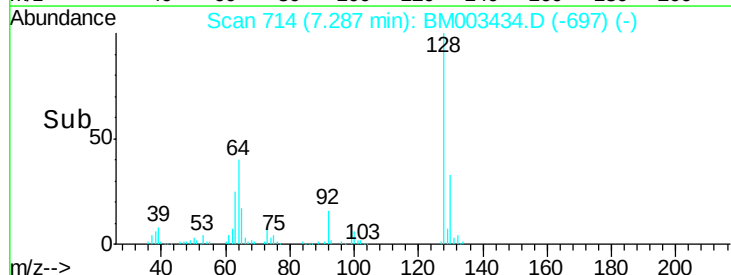
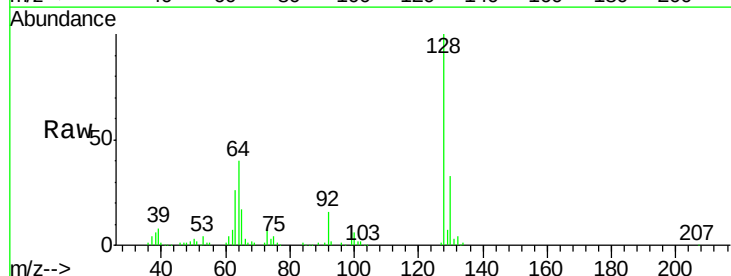
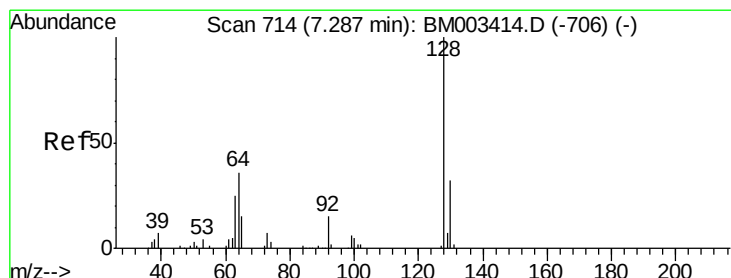
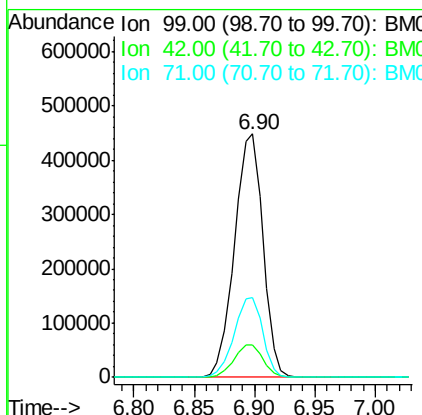
BNA_M

ClientSampleId :

PB87152BS

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#8

2-Chlorophenol

Concen: 43.91 ng

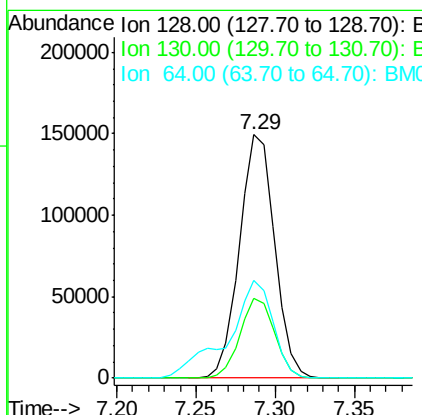
RT: 7.29 min Scan# 714

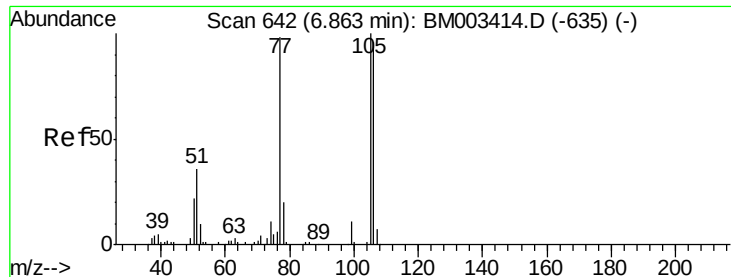
Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	128	Resp:	230115
Ion Ratio	Lower	Upper	
128	100		
130	32.7	12.0	52.0
64	40.0	24.9	64.9





#9

Benzaldehyde

Concen: 39.91 ng

RT: 6.86 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

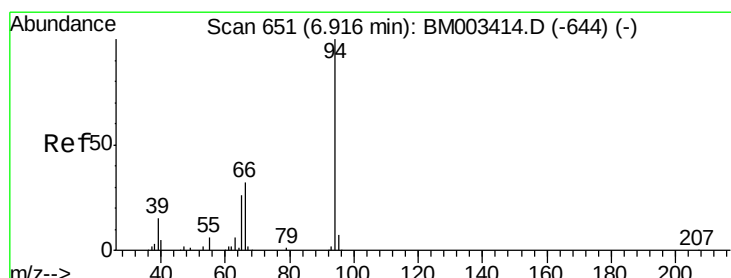
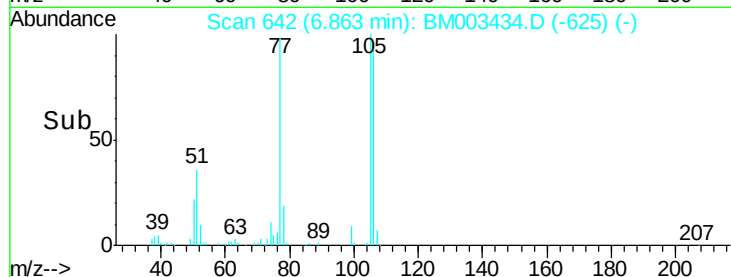
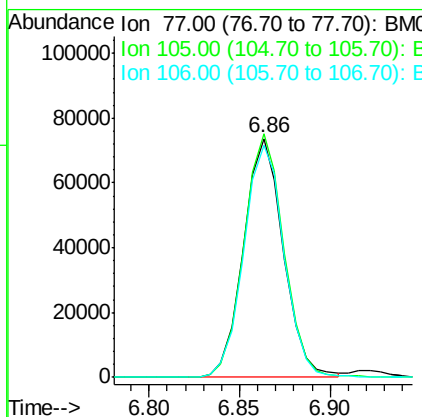
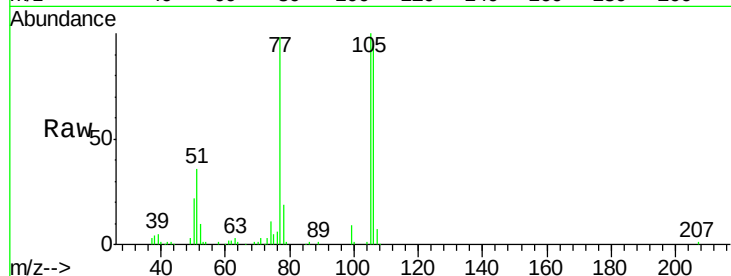
ClientSampleId :

PB87152BS

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM

Tgt Ion:	77	Resp:	112486
Ion	Ratio	Lower	Upper
77	100		
105	101.9	78.8	118.8
106	97.1	73.7	113.7



#10

Phenol

Concen: 44.71 ng

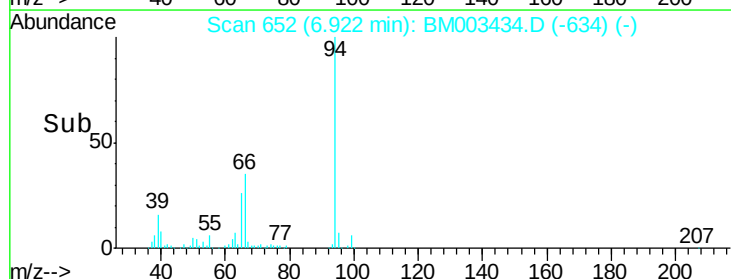
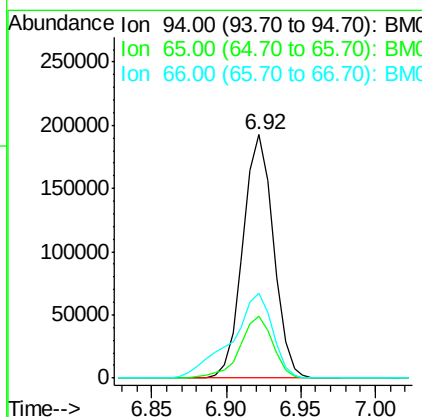
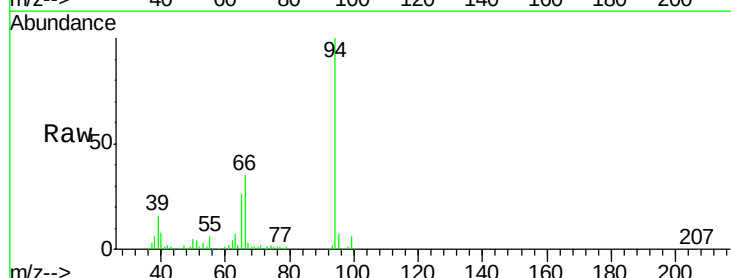
RT: 6.92 min Scan# 652

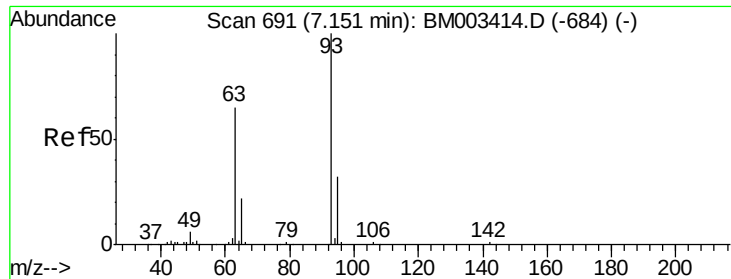
Delta R.T. 0.01 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	94	Resp:	272657
Ion	Ratio	Lower	Upper
94	100		
65	25.6	18.8	58.8
66	34.9	39.9	79.9#





#11

bis(2-Chloroethyl)ether

Concen: 39.11 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

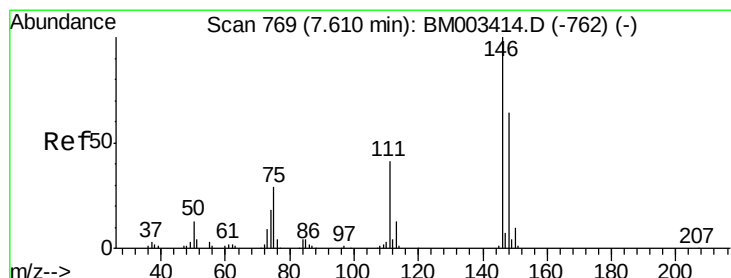
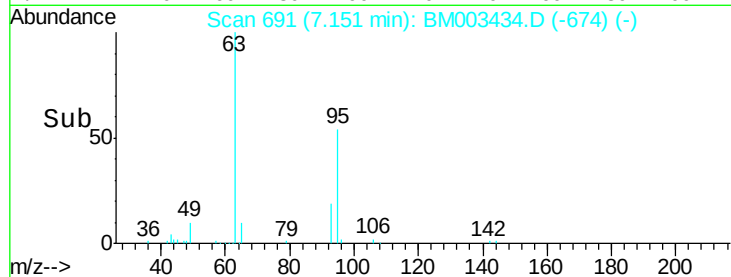
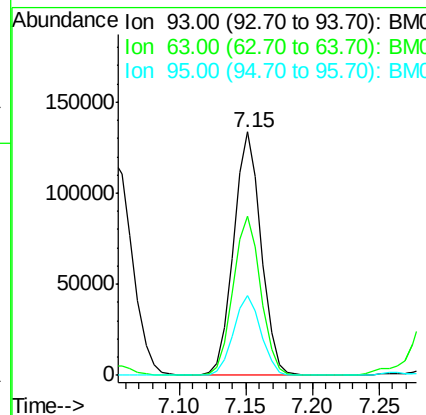
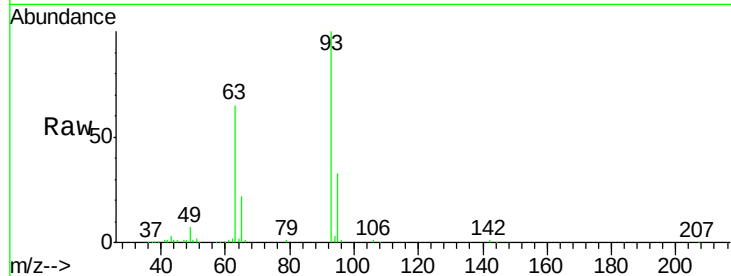
ClientSampleId :

PB87152BS

Tgt Ion:	93	Resp:	192987
Ion	Ratio	Lower	Upper
93	100		
63	65.4	49.5	89.5
95	33.0	13.5	53.5

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#12

1,3-Dichlorobenzene

Concen: 39.16 ng

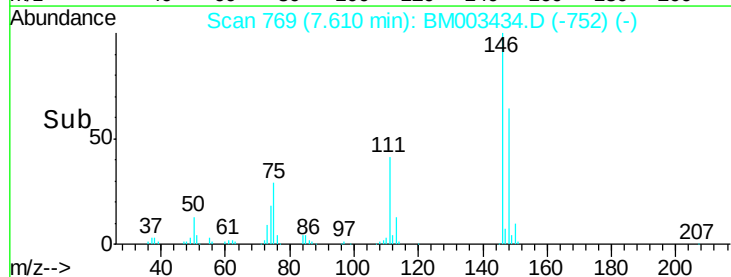
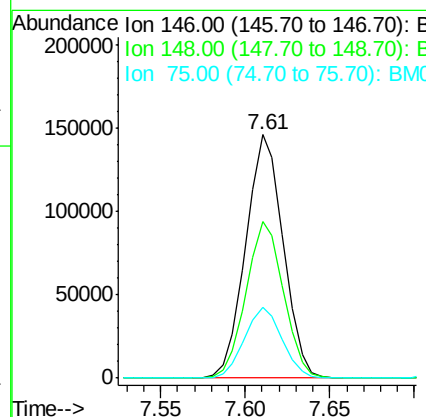
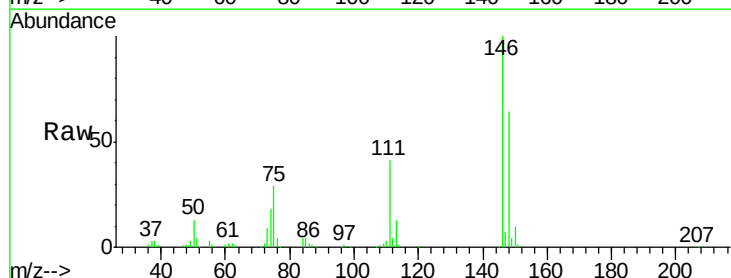
RT: 7.61 min Scan# 769

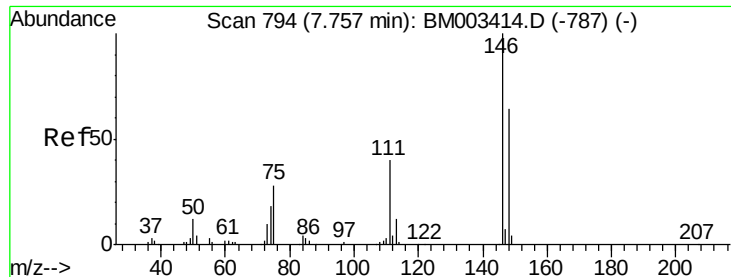
Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

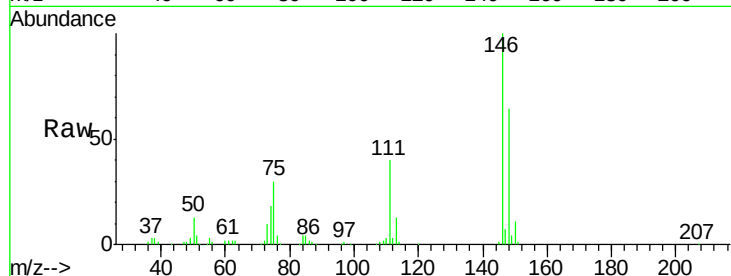
Tgt Ion:	146	Resp:	225461
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
75	29.3	21.4	32.2





#13
 1,4-Dichlorobenzene
 Concen: 39.00 ng
 RT: 7.76 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

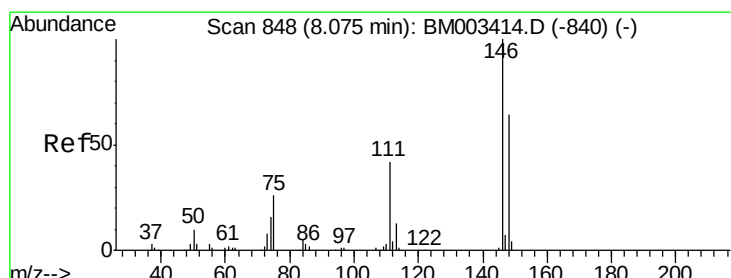
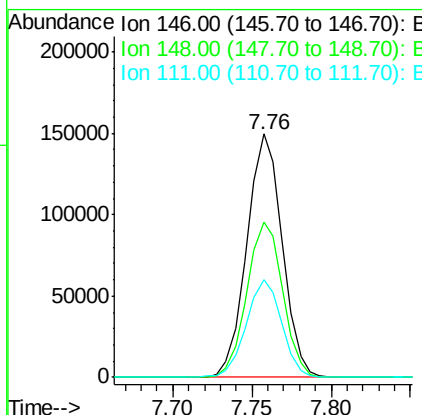
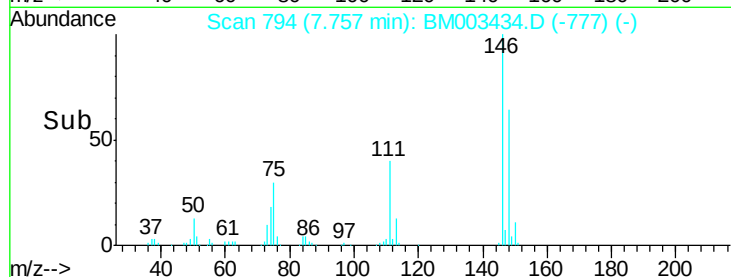
Instrument :
 BNA_M
 ClientSampleId :
 PB87152BS



Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.9	77.9
111	40.2	29.2	43.8

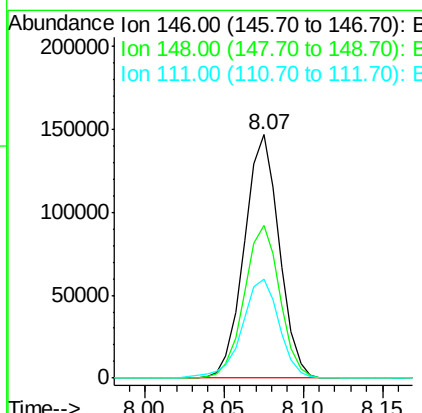
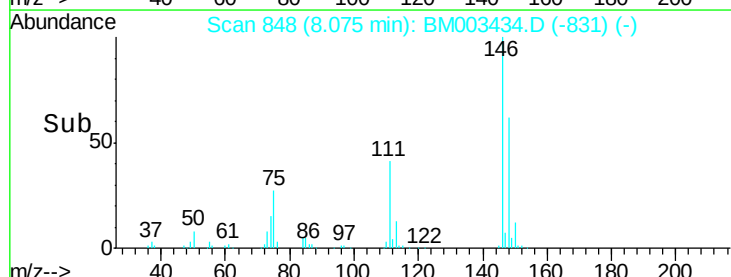
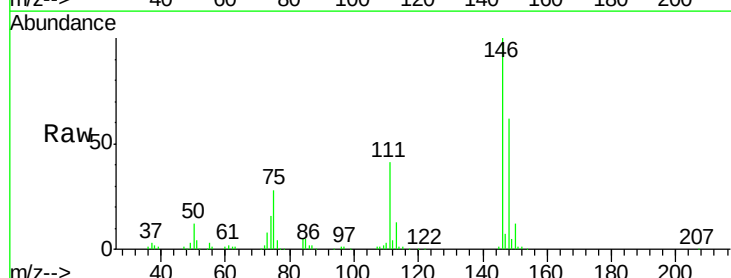
Manual Integrations
 APPROVED

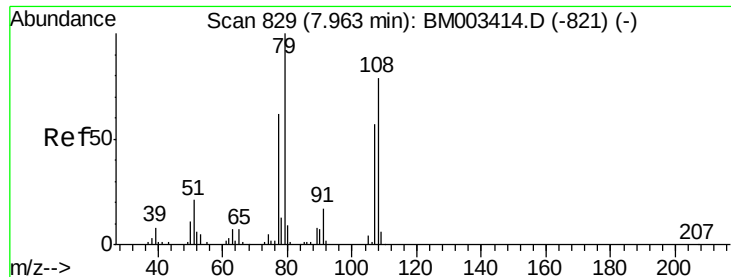
MMdadoda
 12/10/2015 5:48:34 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.72 ng
 RT: 8.07 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.3	78.5
111	40.8	30.6	45.8





#15

Benzyl Alcohol

Concen: 45.62 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

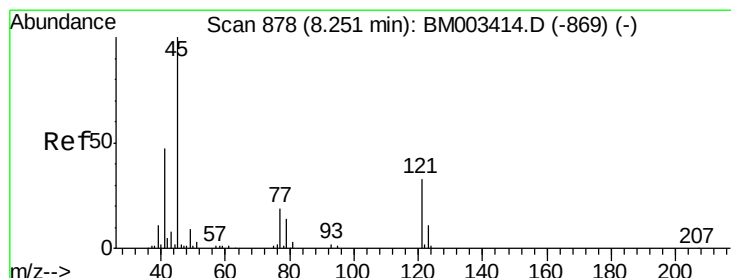
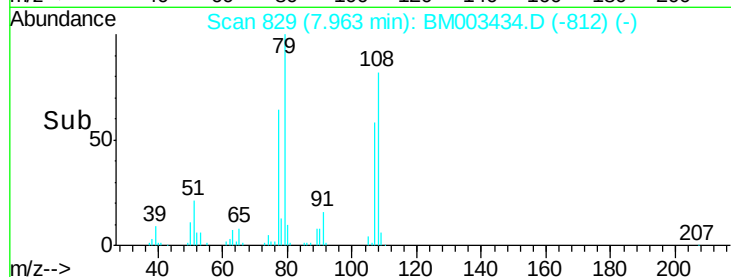
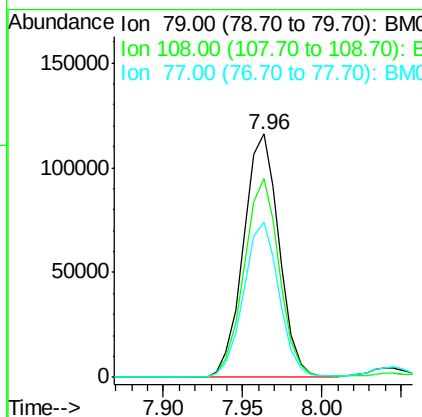
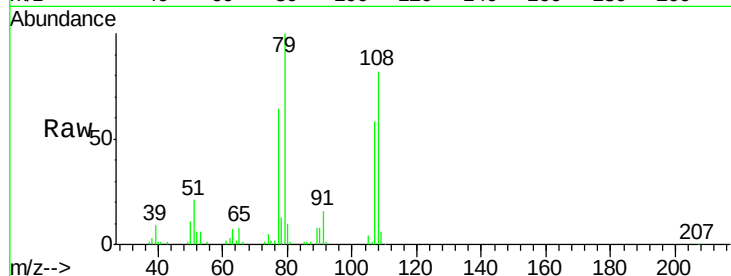
ClientSampleId :

PB87152BS

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM

Tgt Ion	Ratio	Lower	Upper
79	100		
108	81.7	65.0	97.4
77	64.0	53.0	79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.72 ng

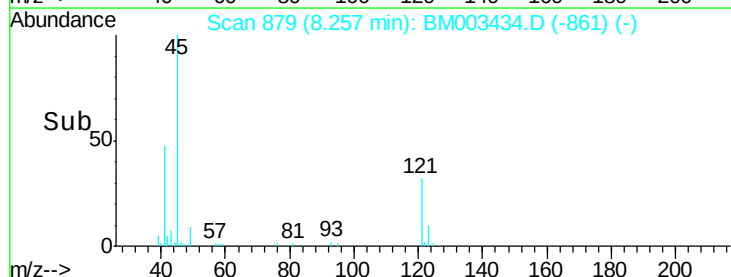
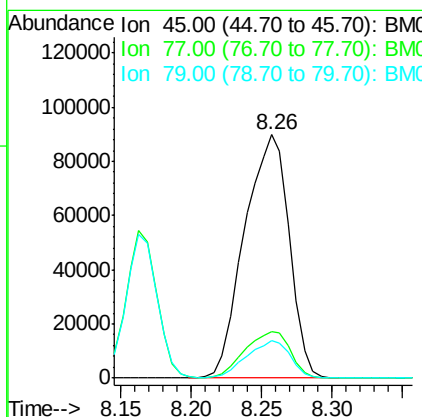
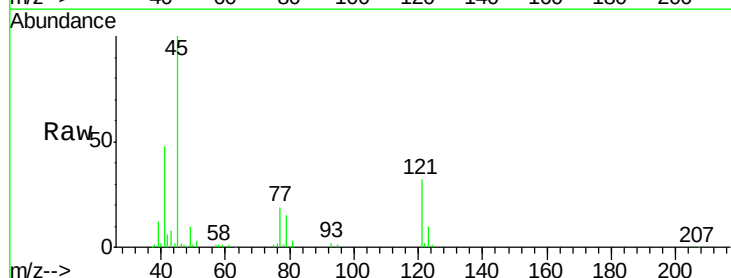
RT: 8.26 min Scan# 879

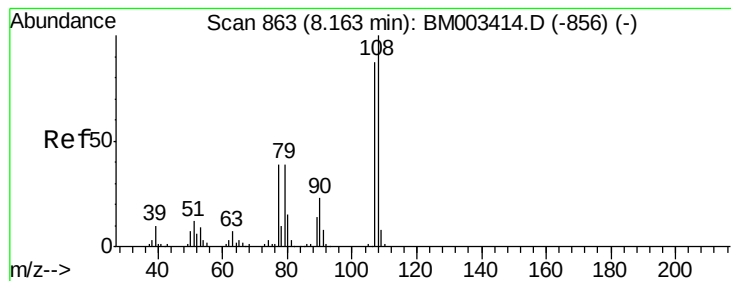
Delta R.T. 0.01 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

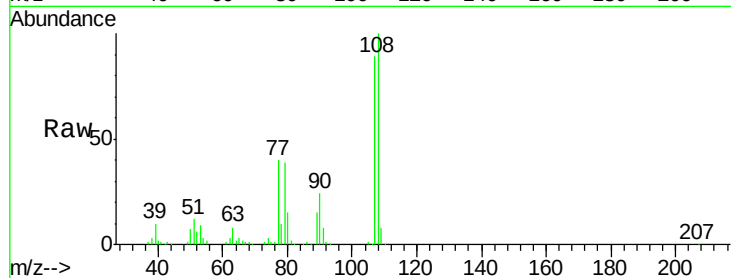
Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.1	0.0	35.2
79	15.3	0.0	32.0





#17
2-Methylphenol
Concen: 44.58 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

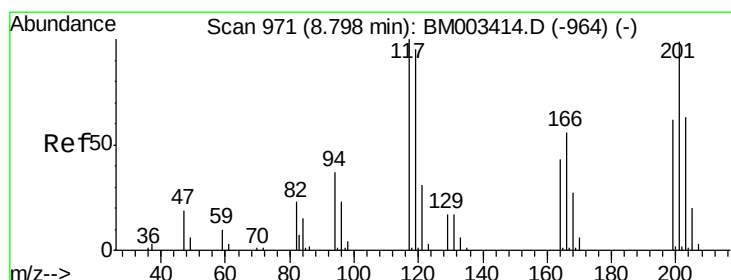
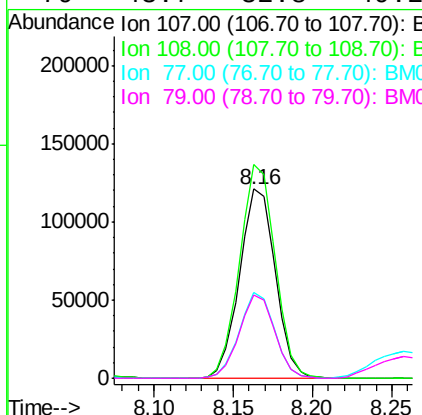
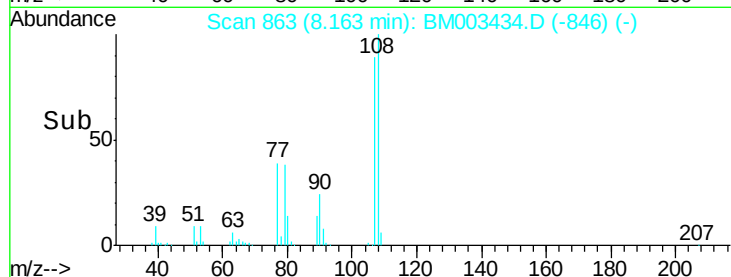
Instrument :
BNA_M
ClientSampleId :
PB87152BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	190068		
108	112.9	89.8	134.8	
77	45.2	32.6	48.8	
79	43.7	32.8	49.2	

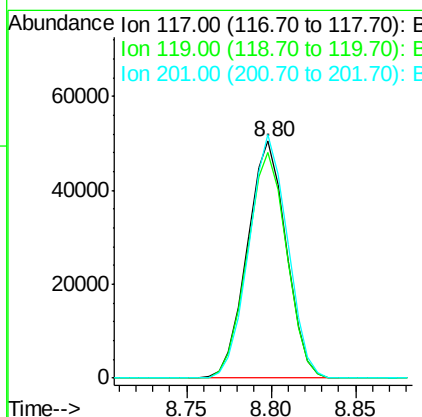
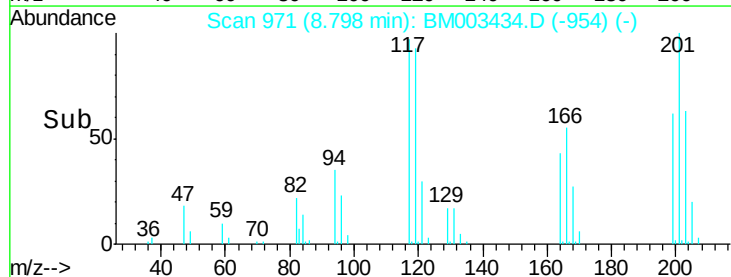
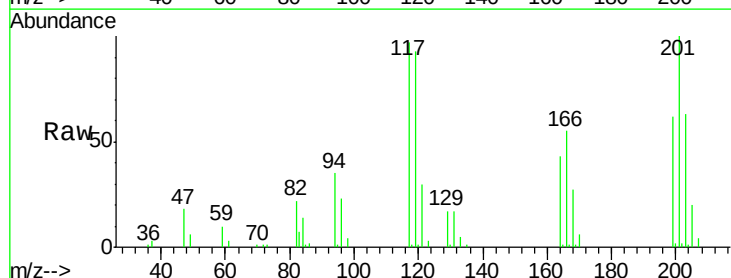
Manual Integrations
APPROVED

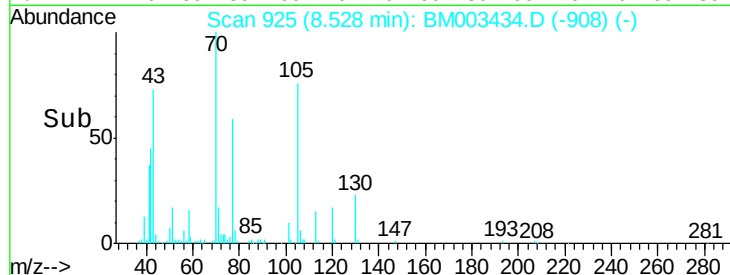
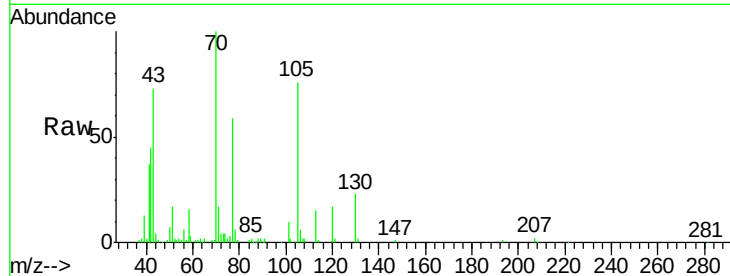
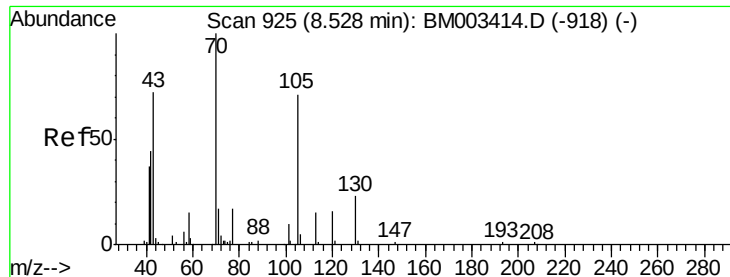
MMdadoda
12/10/2015 5:48:34 PM



#18
Hexachloroethane
Concen: 39.74 ng
RT: 8.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	81062		
119	95.2	79.2	118.8	
201	102.7	69.8	104.6	





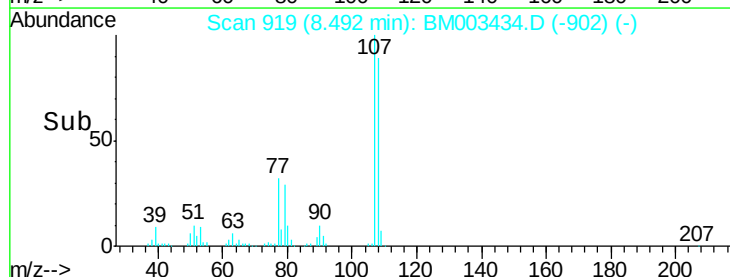
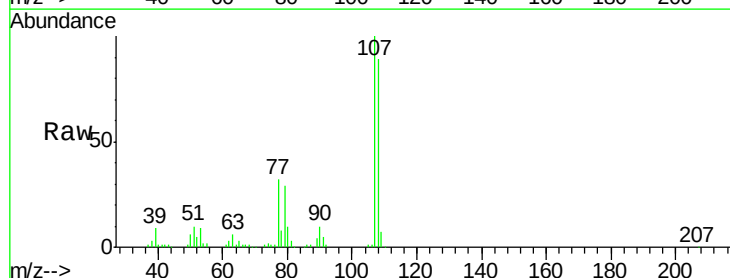
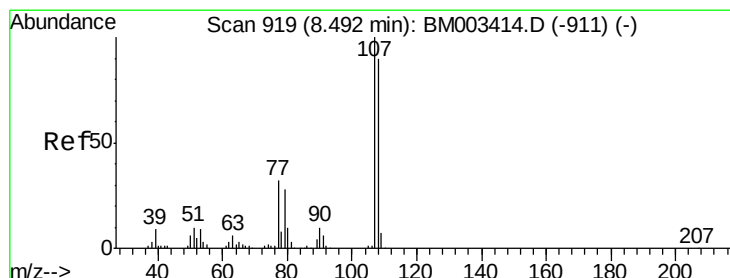
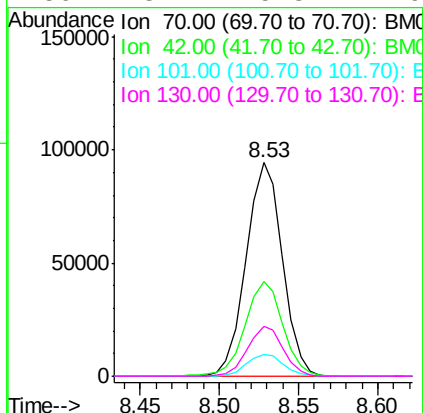
#19
n-Nitroso-di-n-propylamine
Concen: 39.72 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Manual Integrations
APPROVED

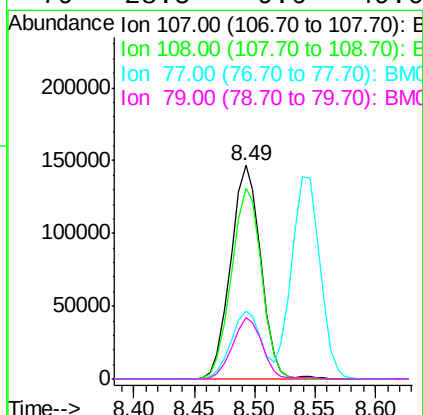
MMdadoda
12/10/2015 5:48:34 PM

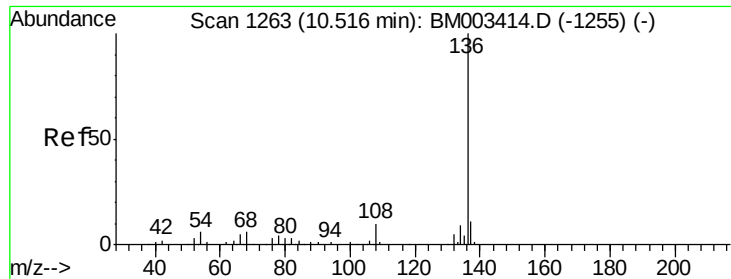
Tgt Ion	Ratio	Lower	Upper
70	100		
42	44.5	44.5	66.7
101	9.9	7.4	11.2
130	23.2	15.3	22.9#



#20
3+4-Methylphenols
Concen: 43.34 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	73.2	113.2
77	32.0	10.7	50.7
79	28.5	9.6	49.6





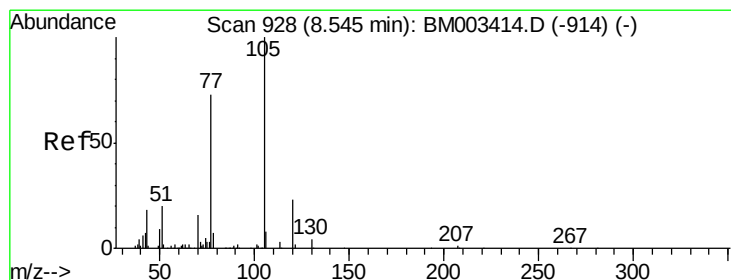
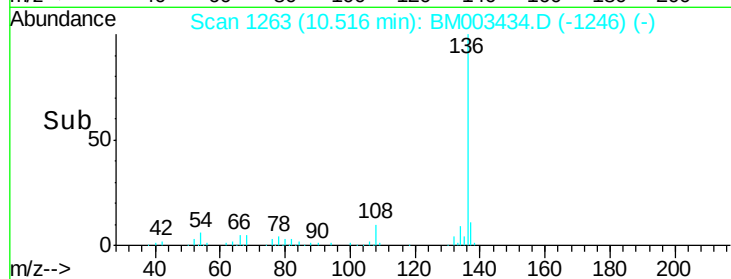
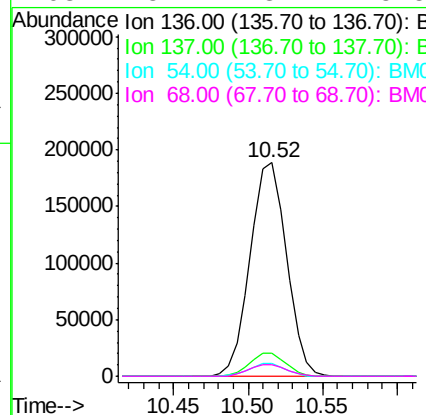
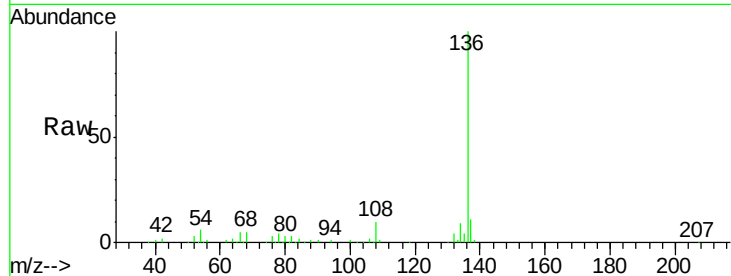
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	318298		
137	10.9	8.7	13.1	
54	5.7	4.6	6.8	
68	5.4	3.7	5.5	

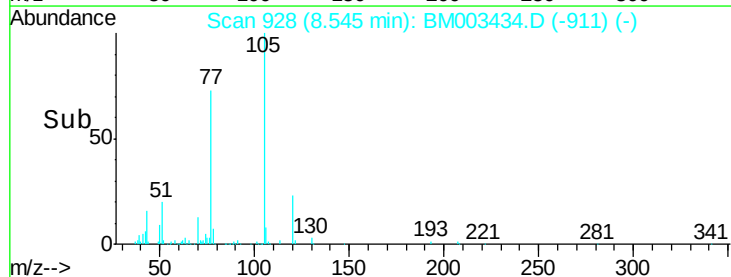
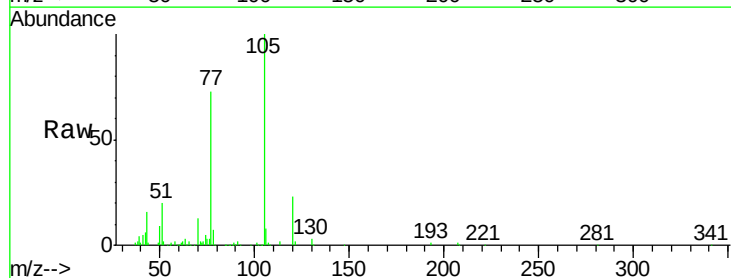
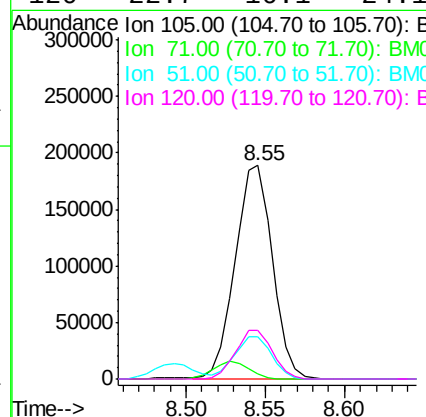
Manual Integrations
APPROVED

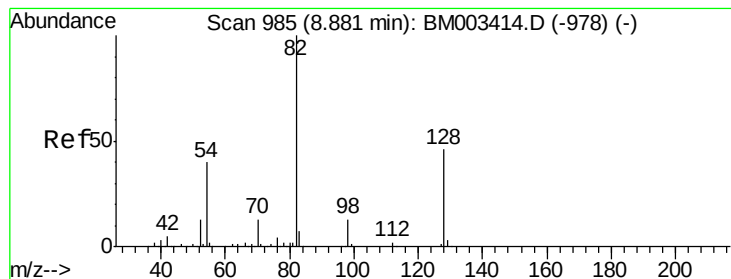
MMdadoda
12/10/2015 5:48:34 PM



#22
Acetophenone
Concen: 39.45 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	307746		
71	2.2	0.6	1.0#	
51	19.5	21.6	32.4#	
120	22.7	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 84.91 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM003434.D

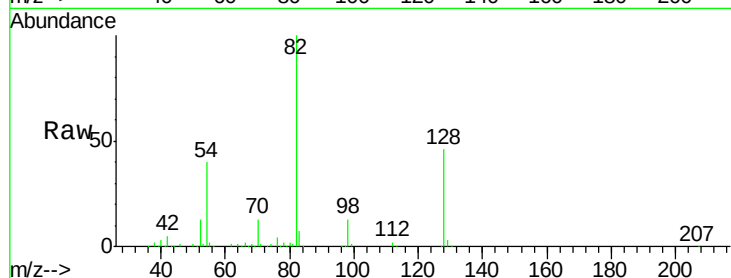
Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

ClientSampleId :

PB87152BS



Tgt Ion: 82 Resp: 435912

Ion Ratio Lower Upper

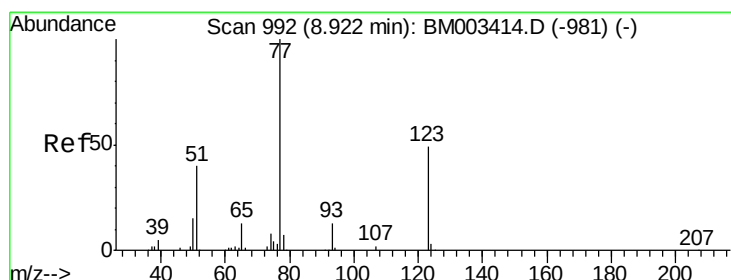
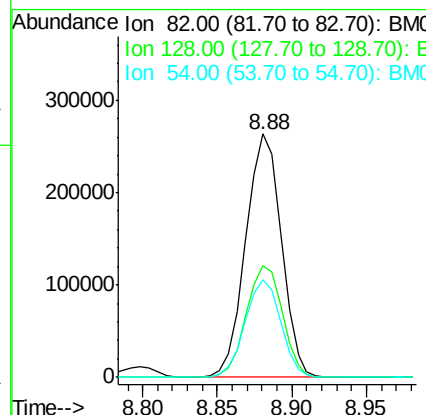
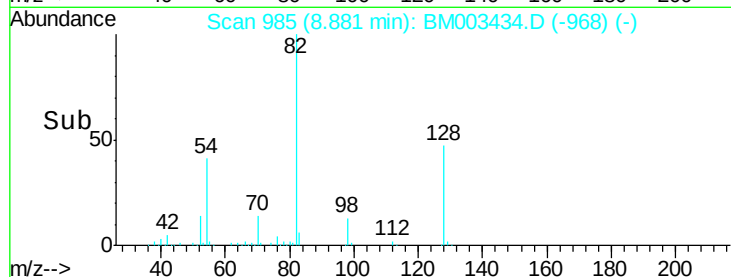
82 100

128 46.1 32.8 49.2

54 40.2 40.6 60.8#

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#24

Nitrobenzene

Concen: 41.30 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

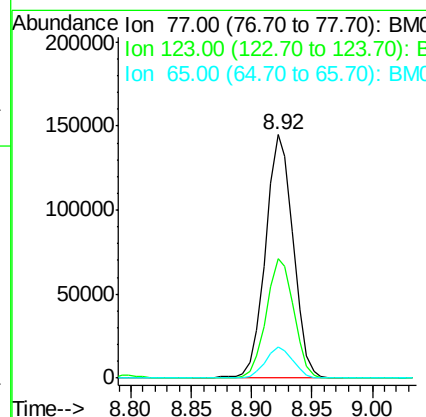
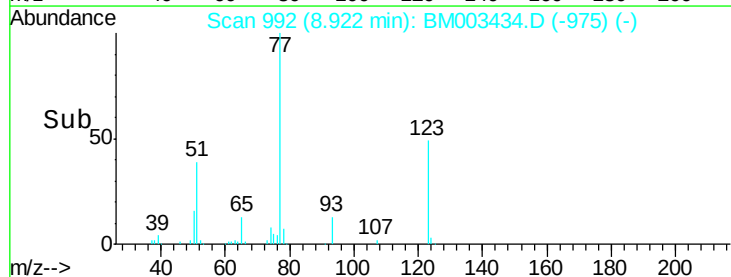
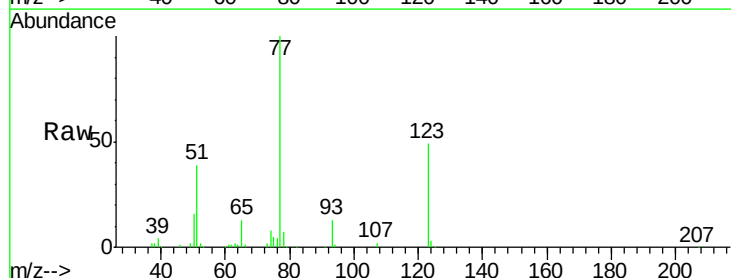
Tgt Ion: 77 Resp: 229219

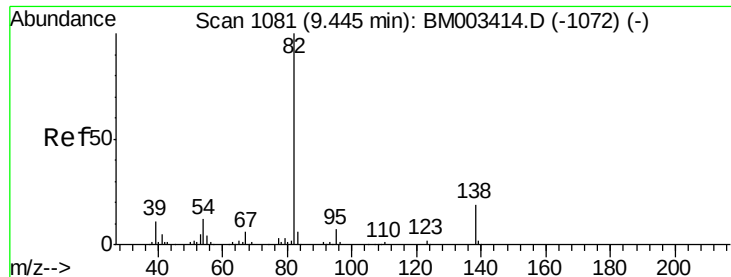
Ion Ratio Lower Upper

77 100

123 49.0 32.6 49.0

65 12.8 10.9 16.3





#25

Isophorone

Concen: 39.97 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM003434.D

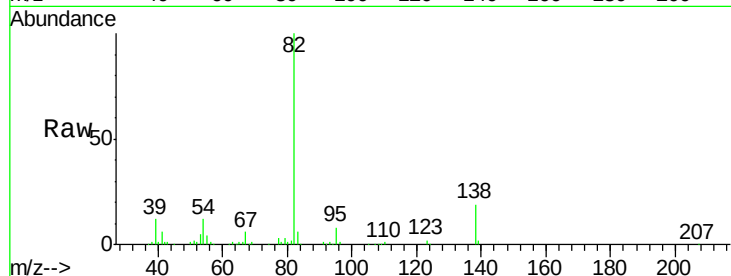
Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

ClientSampleId :

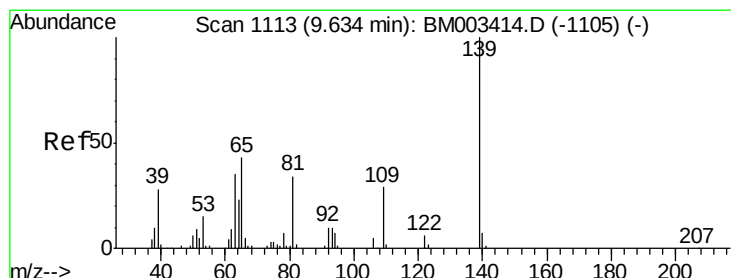
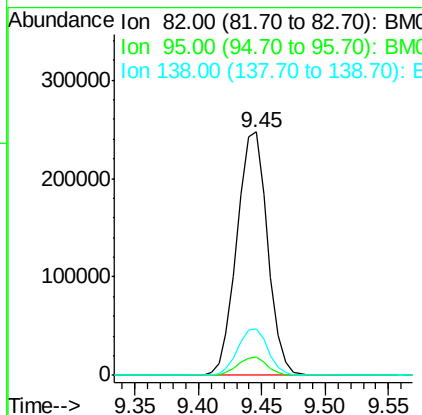
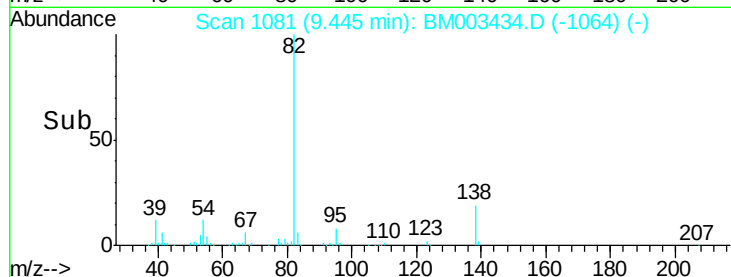
PB87152BS



Tgt Ion:	82	Resp:	415032
Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.8	8.6
138	19.1	16.3	24.5

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#26

2-Nitrophenol

Concen: 41.59 ng

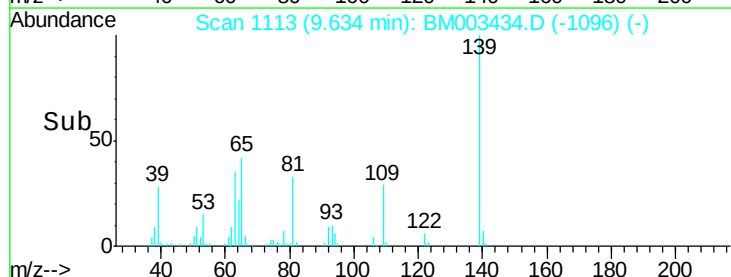
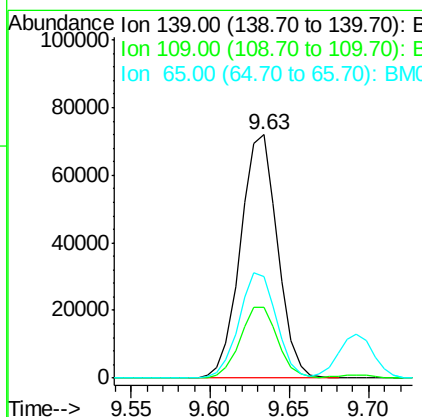
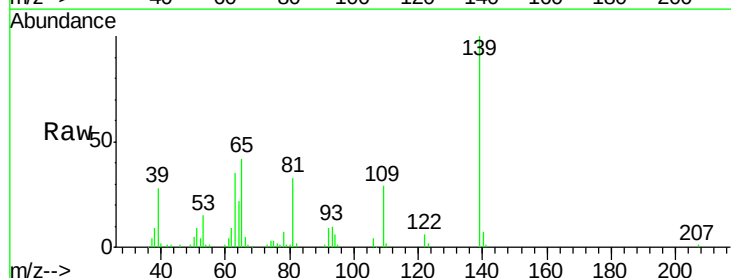
RT: 9.63 min Scan# 1113

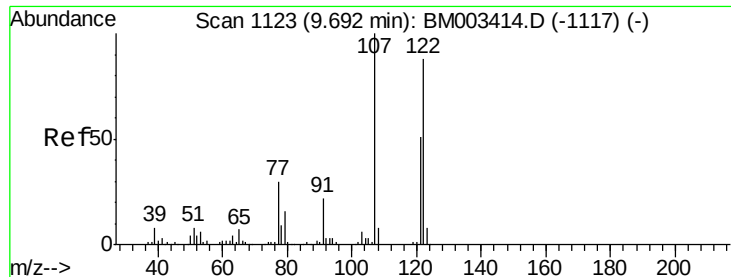
Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	139	Resp:	116764
Ion	Ratio	Lower	Upper
139	100		
109	29.0	20.1	30.1
65	41.9	31.5	47.3





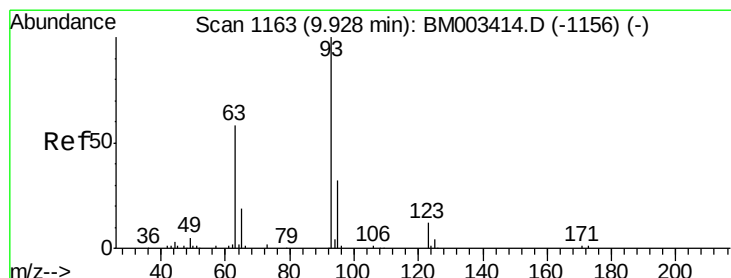
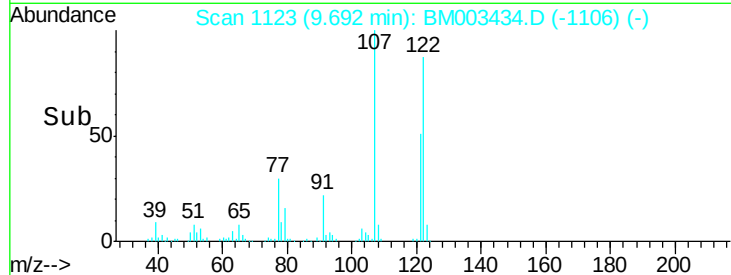
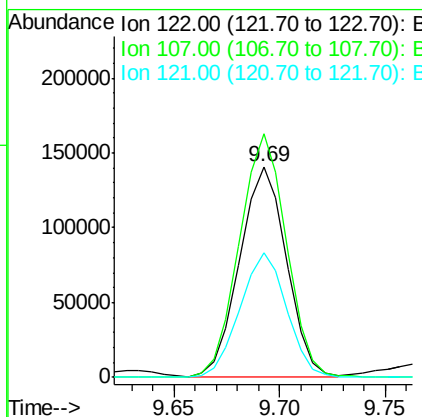
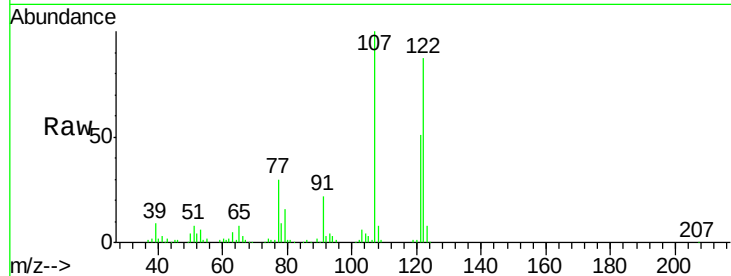
#27
 2,4-Dimethylphenol
 Concen: 44.10 ng
 RT: 9.69 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Instrument :
 BNA_M
 ClientSampleId :
 PB87152BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	21552		
107	115.5	84.7	127.1	
121	58.9	46.6	69.8	

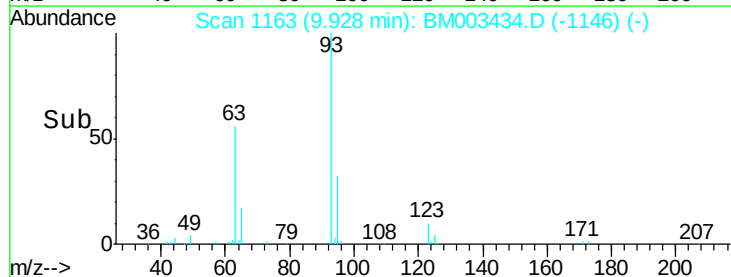
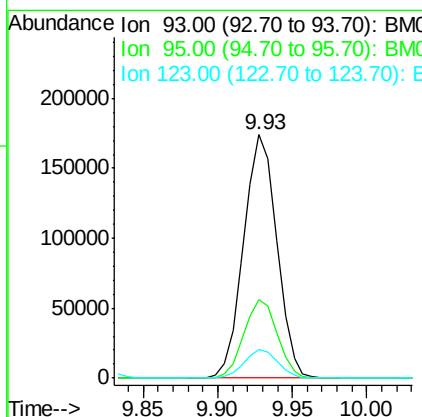
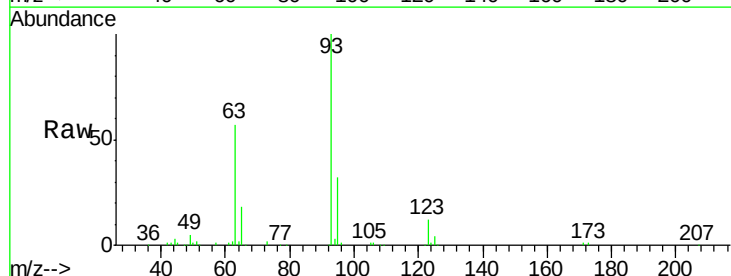
Manual Integrations
 APPROVED

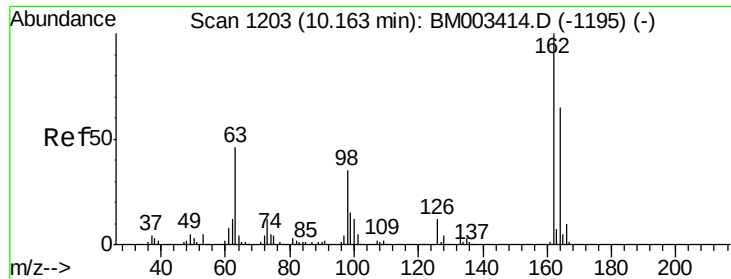
MMdadoda
 12/10/2015 5:48:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.02 ng
 RT: 9.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	268435		
95	32.2	25.5	38.3	
123	11.8	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 46.21 ng

RT: 10.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

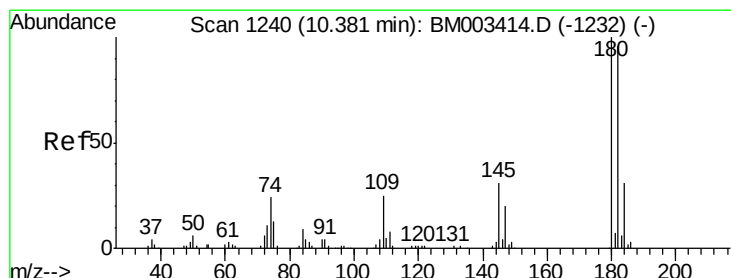
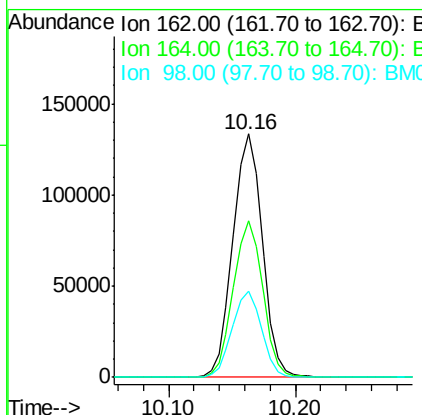
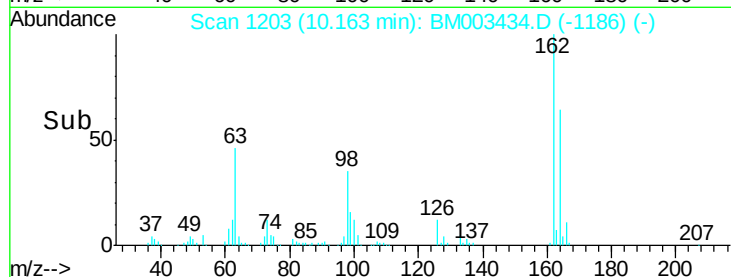
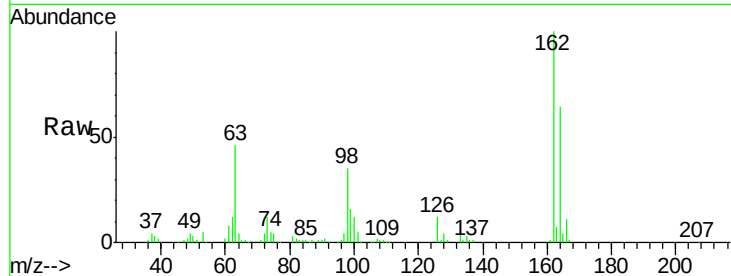
ClientSampleId :

PB87152BS

Tgt Ion:	162	Resp:	215159
Ion Ratio		Lower	Upper
162	100		
164	64.4	42.8	82.8
98	35.4	14.5	54.5

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#30

1,2,4-Trichlorobenzene

Concen: 40.73 ng

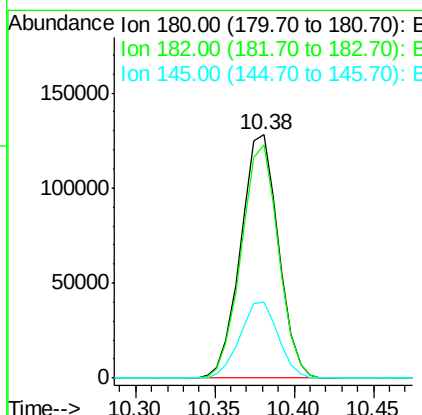
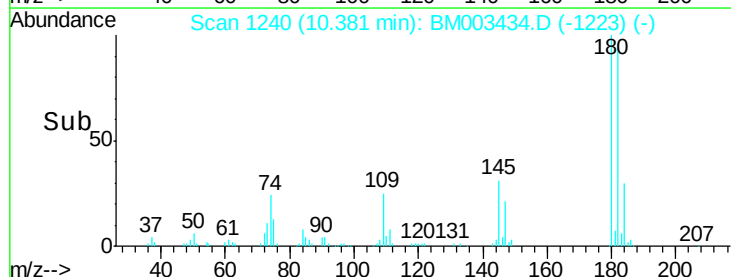
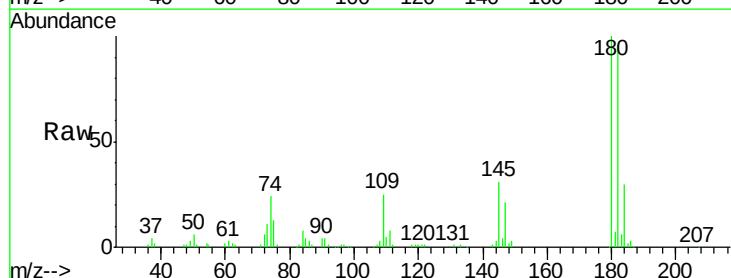
RT: 10.38 min Scan# 1240

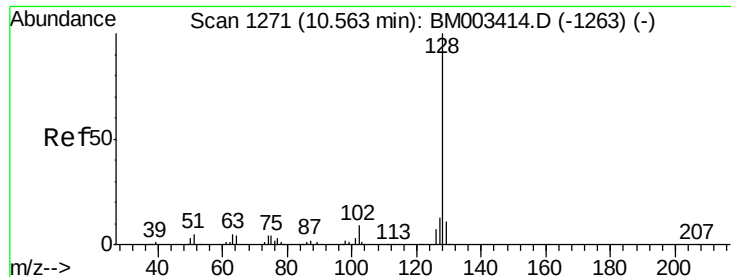
Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	180	Resp:	211759
Ion Ratio		Lower	Upper
180	100		
182	96.0	77.6	116.4
145	31.4	23.4	35.2





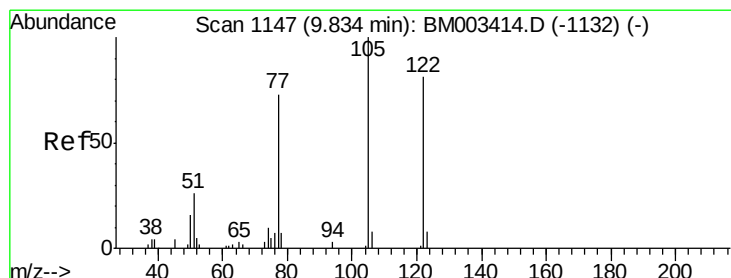
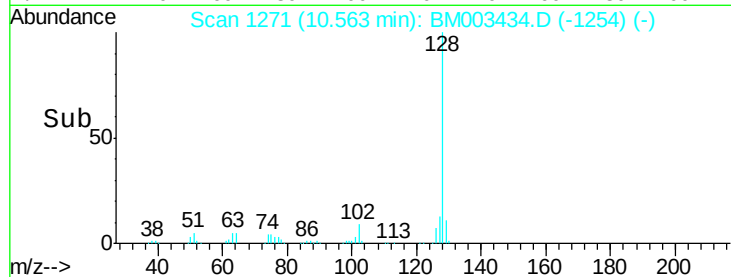
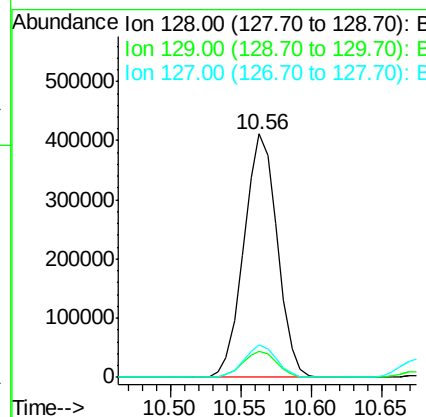
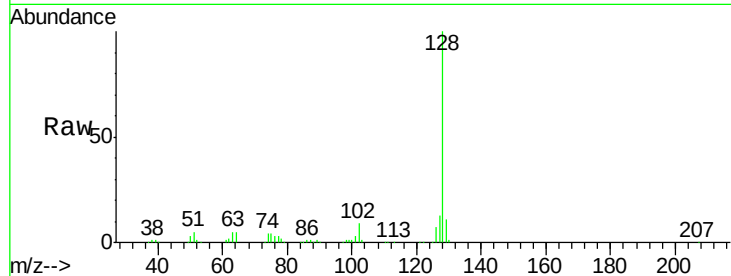
#31
Naphthalene
Concen: 40.90 ng
RT: 10.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	681148		
129	10.9	8.9	13.3	
127	13.1	10.4	15.6	

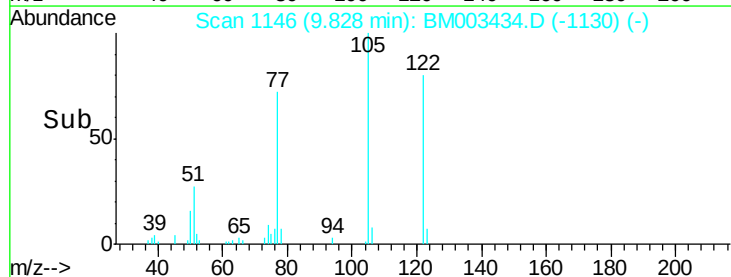
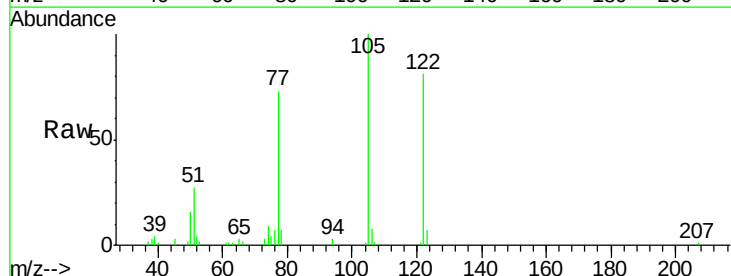
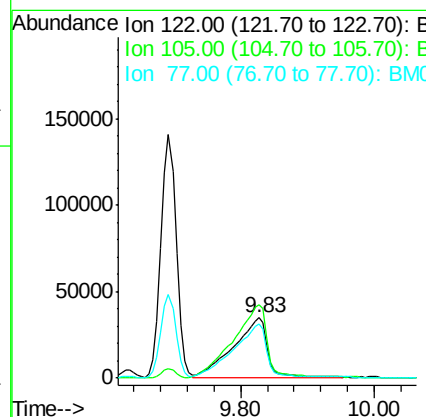
Manual Integrations
APPROVED

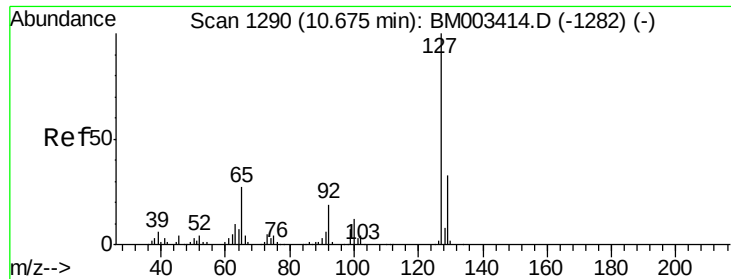
MMdadoda
12/10/2015 5:48:34 PM



#32
Benzoic acid
Concen: 43.18 ng m
RT: 9.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

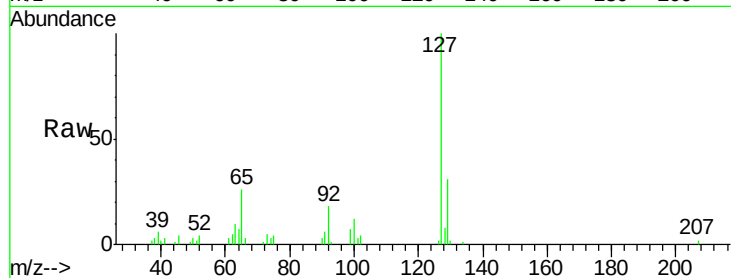
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	127826		
105	123.1	99.9	139.9	
77	89.6	73.7	113.7	





#33
4-Chloroaniline
Concen: 7.52 ng
RT: 10.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

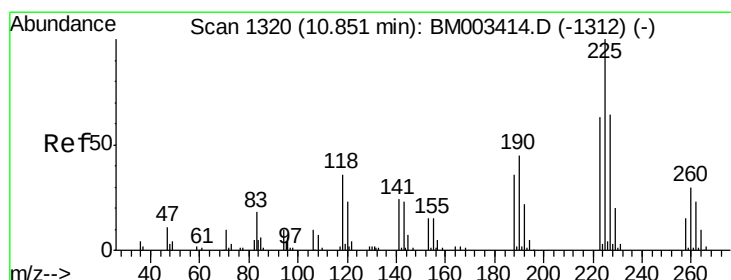
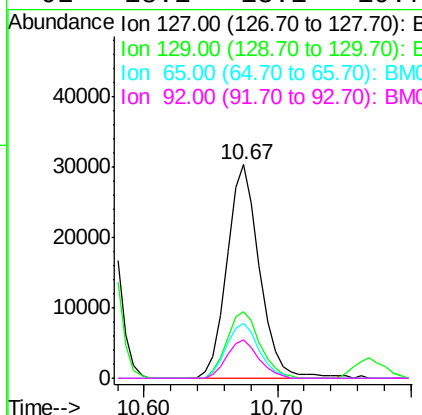
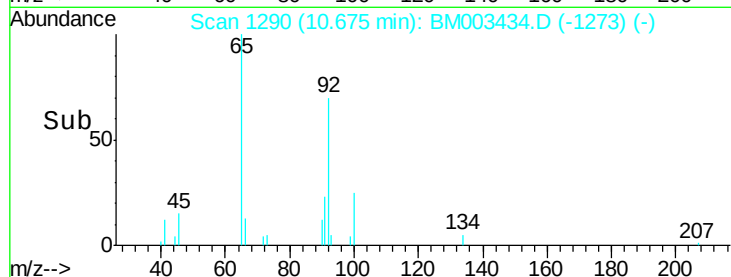
Instrument :
BNA_M
ClientSampleId :
PB87152BS



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	51715		
129	31.1	25.3	37.9	
65	25.7	17.6	26.4	
92	18.1	13.1	19.7	

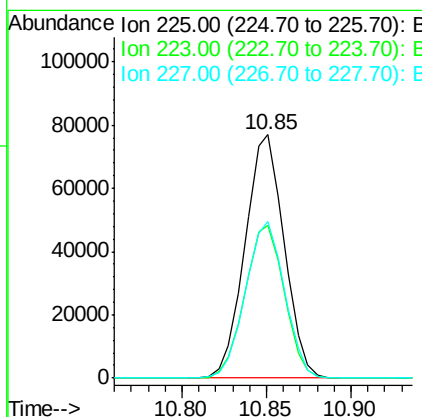
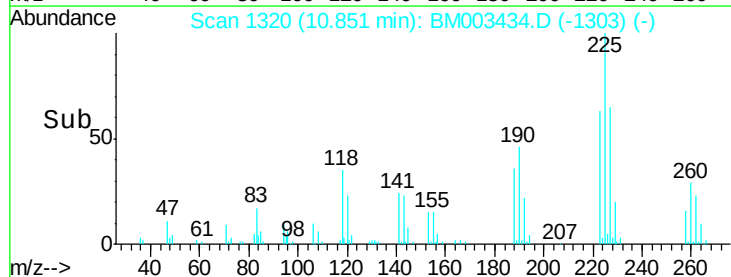
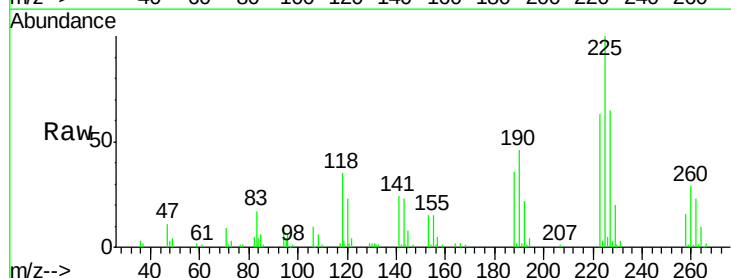
Manual Integrations
APPROVED

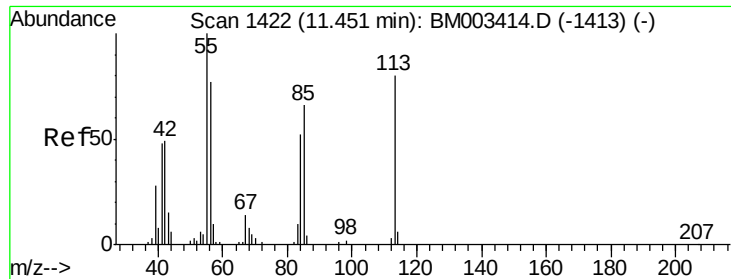
MMdadoda
12/10/2015 5:48:34 PM



#34
Hexachlorobutadiene
Concen: 40.22 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123994		
223	62.6	47.9	71.9	
227	64.5	50.1	75.1	





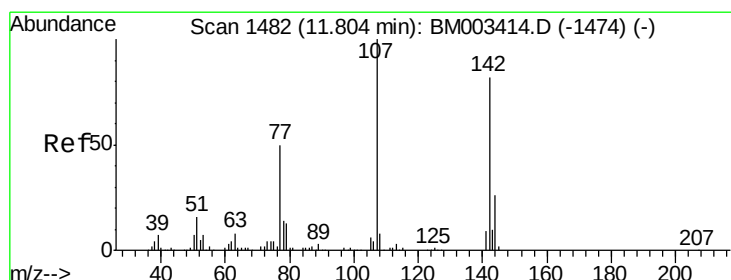
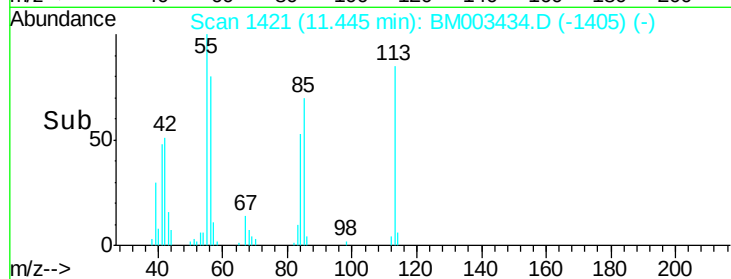
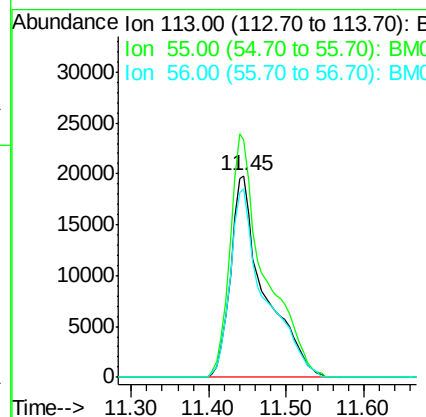
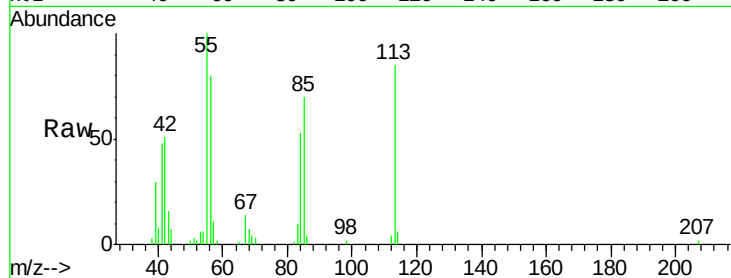
#35
 Caprolactam
 Concen: 39.03 ng m
 RT: 11.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Instrument :
 BNA_M
 ClientSampleId :
 PB87152BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	117.8	145.9	185.9#
56	93.7	101.0	141.0#

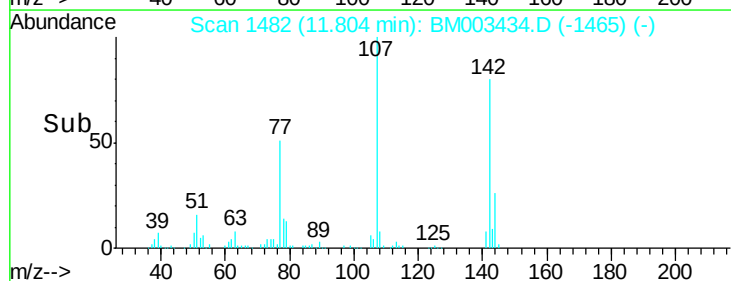
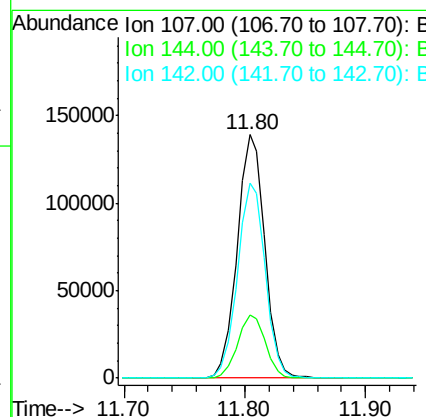
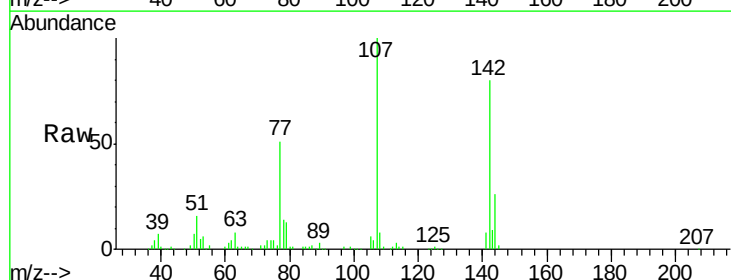
Manual Integrations
 APPROVED

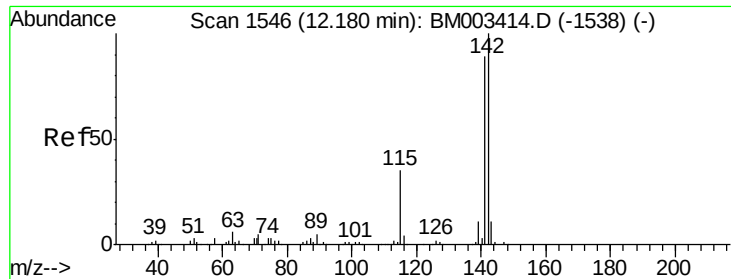
MMdadoda
 12/10/2015 5:48:34 PM



#36
 4-Chloro-3-methylphenol
 Concen: 42.15 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

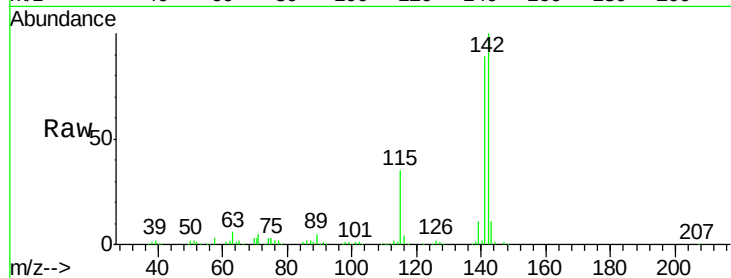
Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	23.3	34.9
142	80.2	72.6	109.0





#37
2-Methylnaphthalene
Concen: 43.21 ng
RT: 12.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

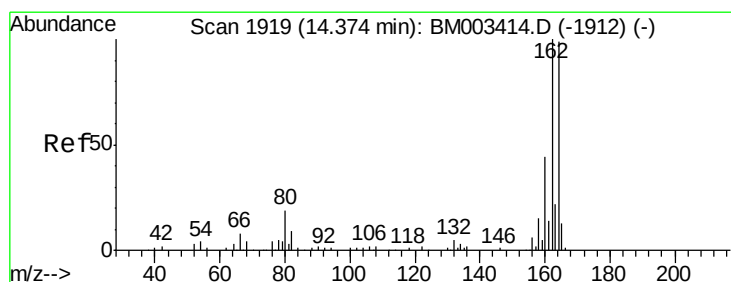
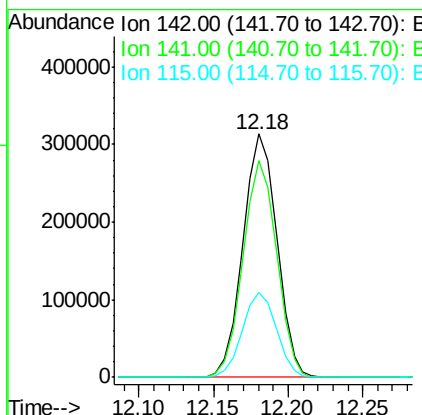
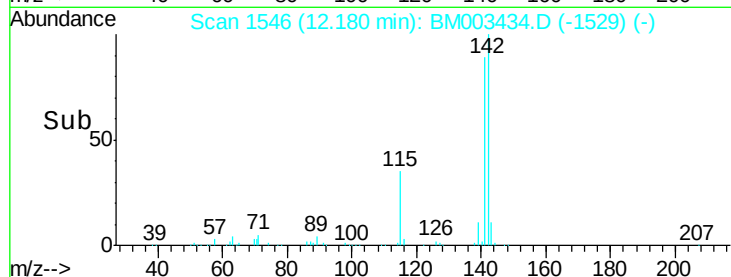
Instrument :
BNA_M
ClientSampleId :
PB87152BS



Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
115	35.1	25.4	38.0

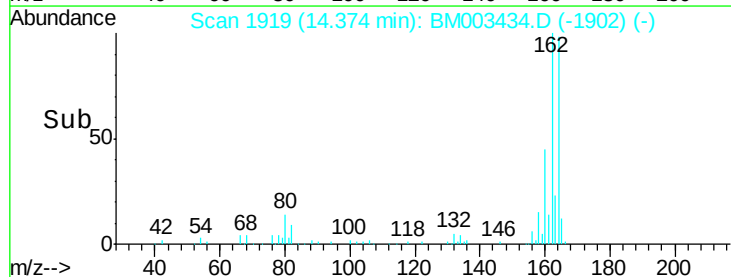
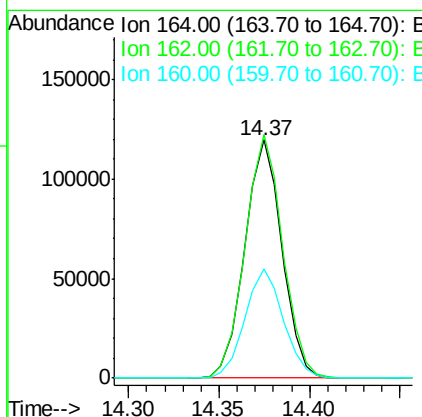
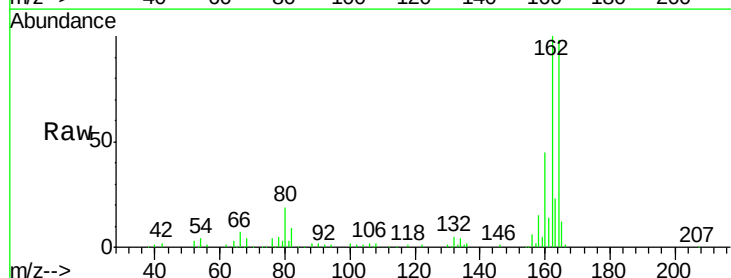
Manual Integrations
APPROVED

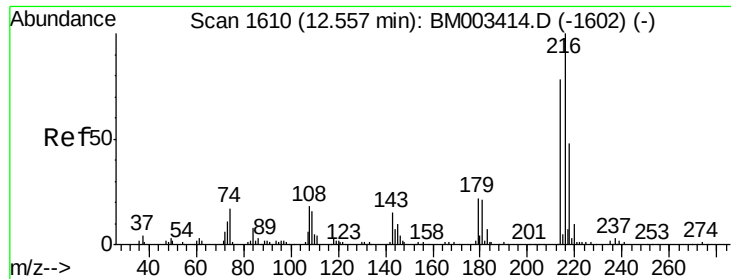
MMdadoda
12/10/2015 5:48:34 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.4	123.6
160	45.8	35.8	53.6





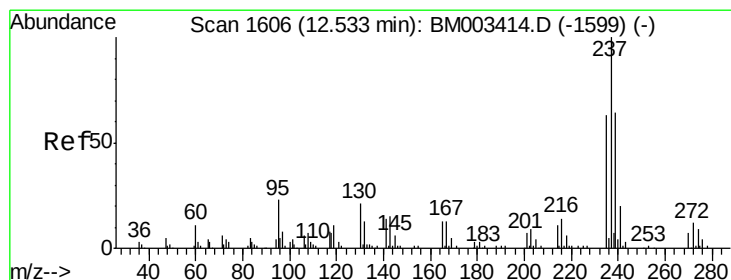
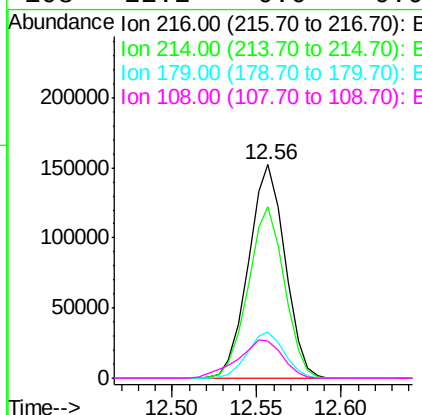
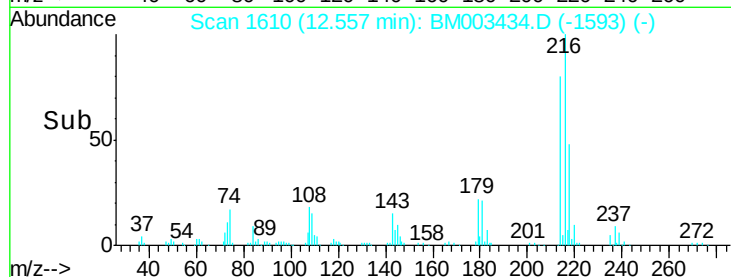
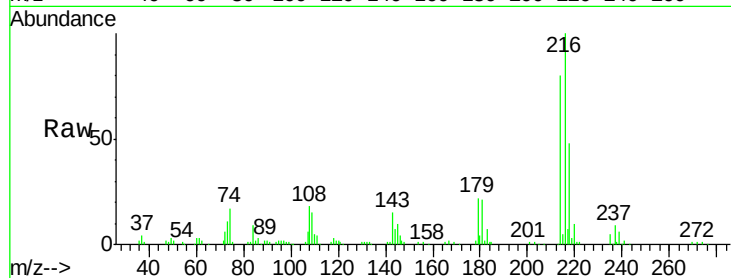
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.91 ng
 RT: 12.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Instrument :
 BNA_M
 ClientSampleId :
 PB87152BS

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	0.0	0.0#
179	21.6	0.0	0.0#
108	22.2	0.0	0.0#

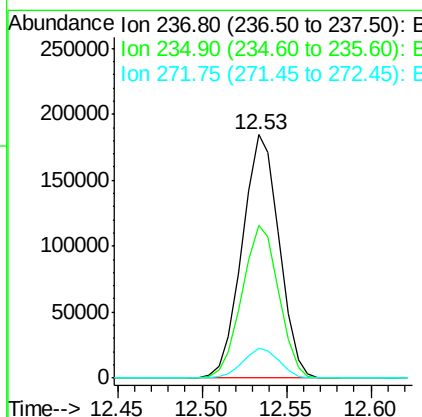
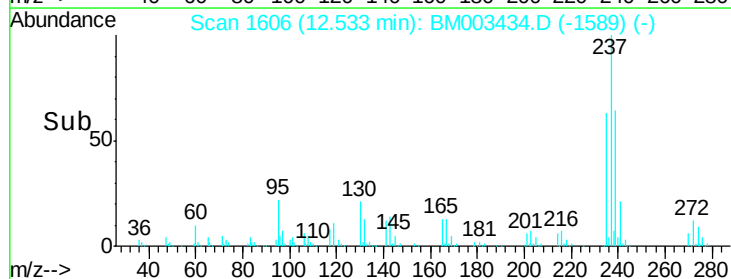
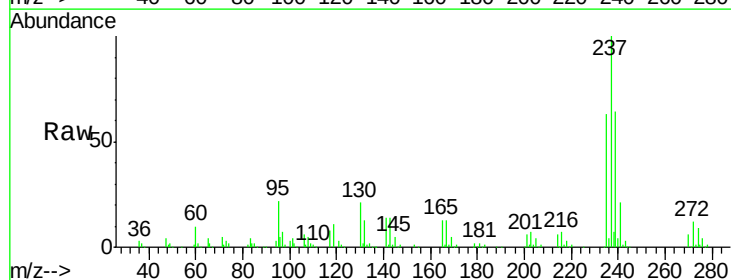
Manual Integrations
 APPROVED

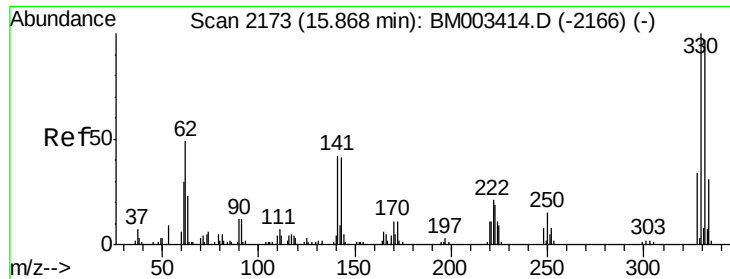
MMdadoda
 12/10/2015 5:48:34 PM



#40
 Hexachlorocyclopentadiene
 Concen: 91.96 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	42.0	82.0
272	12.3	0.0	33.4





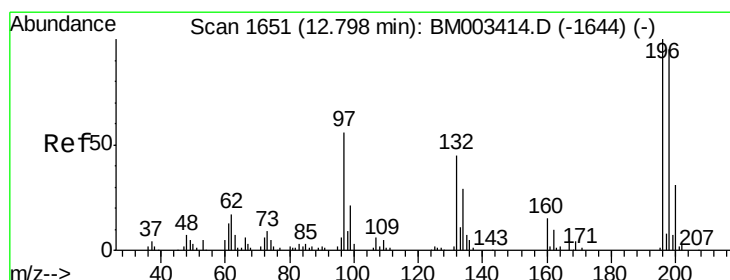
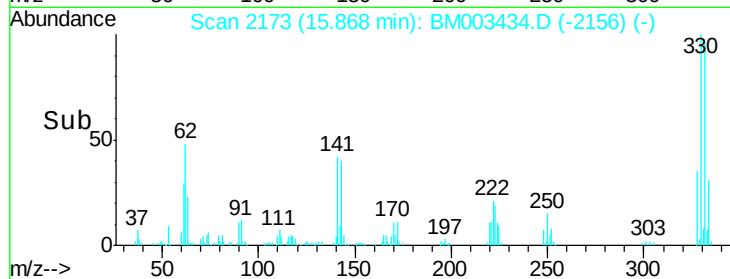
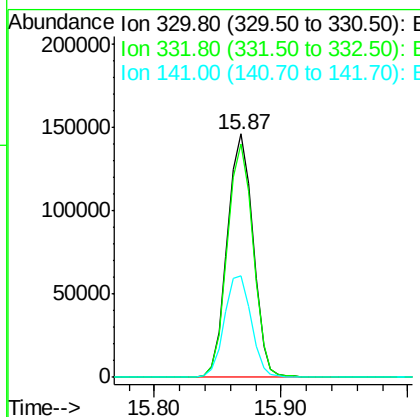
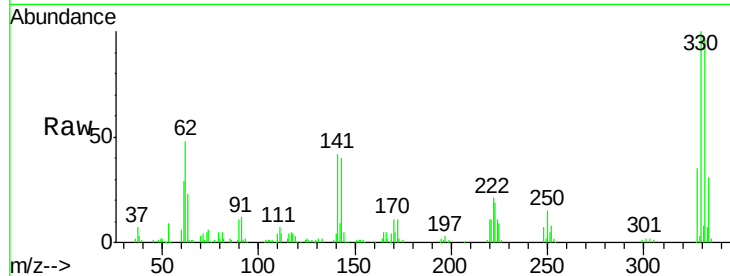
#41
 2,4,6-Tribromophenol
 Concen: 120.86 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Instrument :
 BNA_M
 ClientSampleId :
 PB87152BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.0	0.0	0.0#
141	43.3	0.0	0.0#

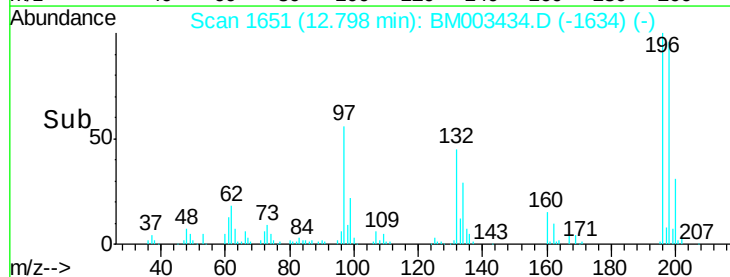
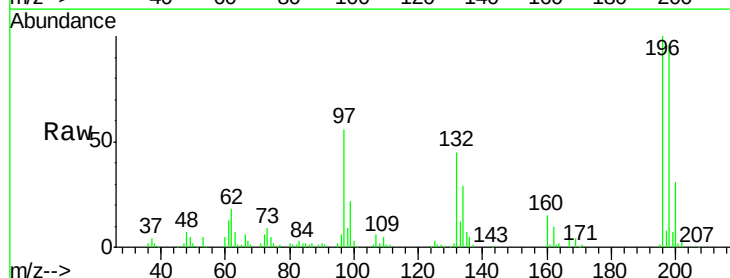
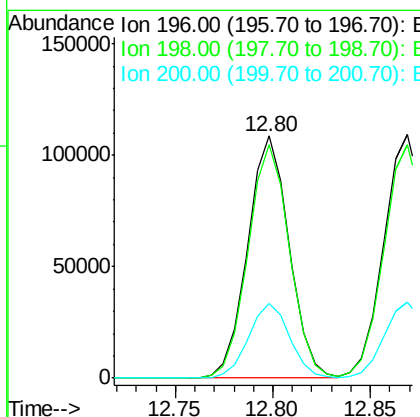
Manual Integrations
 APPROVED

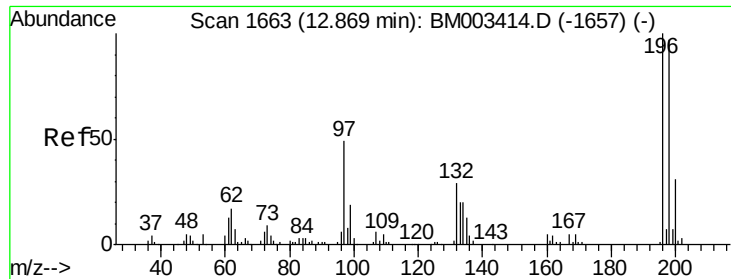
MMdadoda
 12/10/2015 5:48:34 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.79 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	96.4	76.3	114.5
200	30.9	25.6	38.4





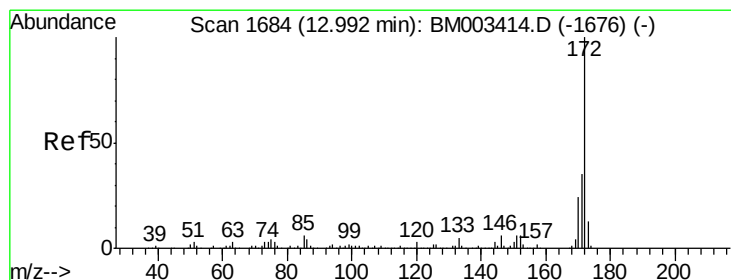
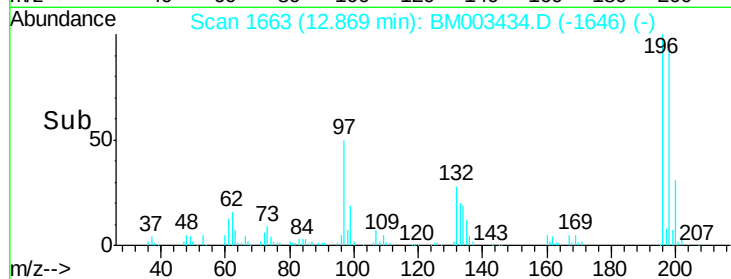
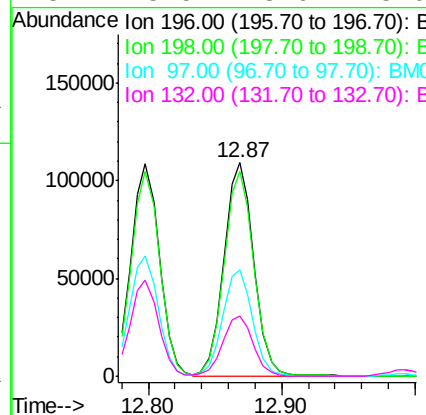
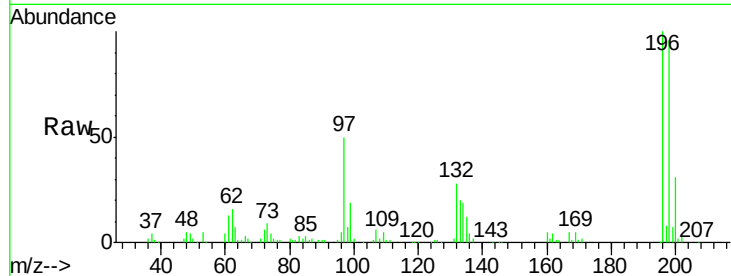
#43
 2,4,5-Trichlorophenol
 Concen: 45.23 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Instrument :
 BNA_M
 ClientSampleId :
 PB87152BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169822		
198	95.9	79.4	119.0	
97	49.8	26.8	40.2	
132	28.5	18.6	28.0	

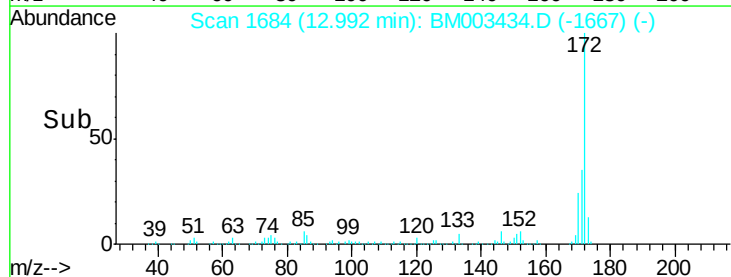
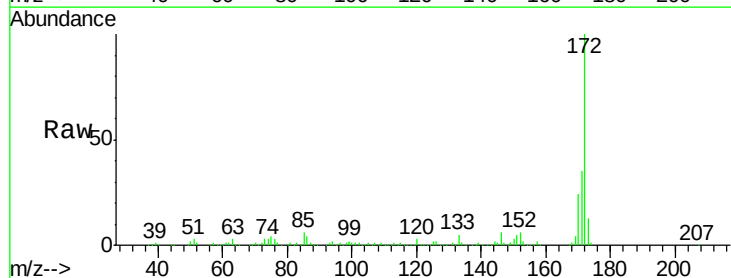
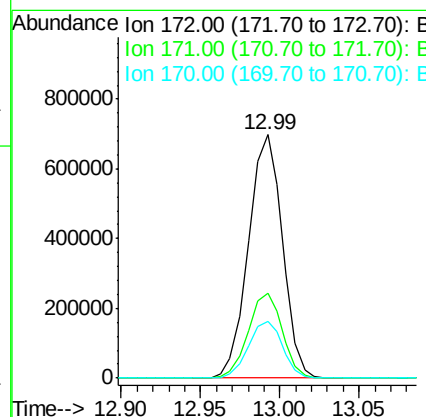
Manual Integrations
 APPROVED

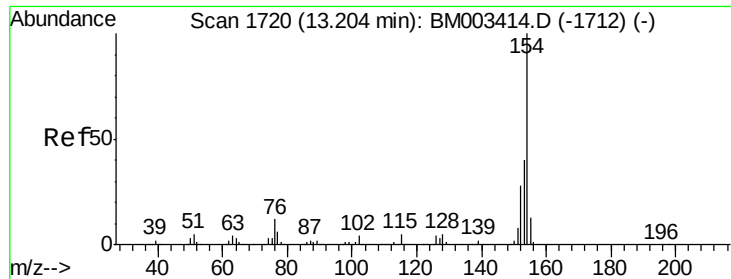
MMdadoda
 12/10/2015 5:48:34 PM



#44
 2-Fluorobiphenyl
 Concen: 83.17 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1040015		
171	34.8	28.5	42.7	
170	23.5	18.8	28.2	





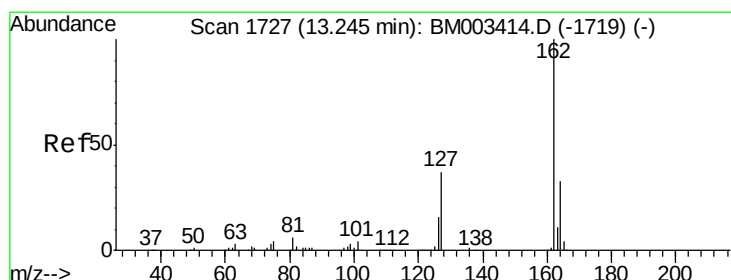
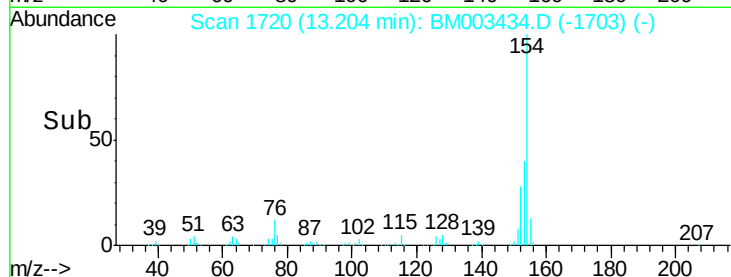
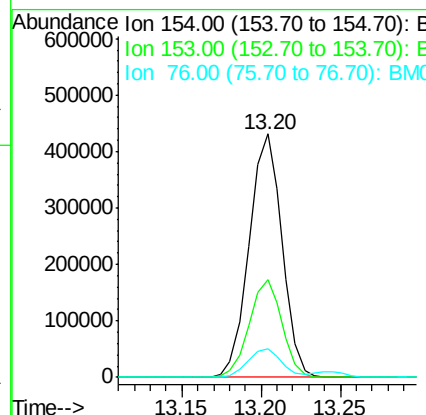
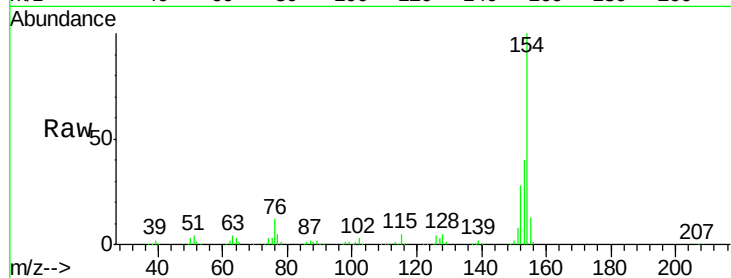
#45
 1,1'-Biphenyl
 Concen: 41.00 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Instrument :
 BNA_M
 ClientSampleId :
 PB87152BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.7	60.7
76	11.8	0.0	30.9

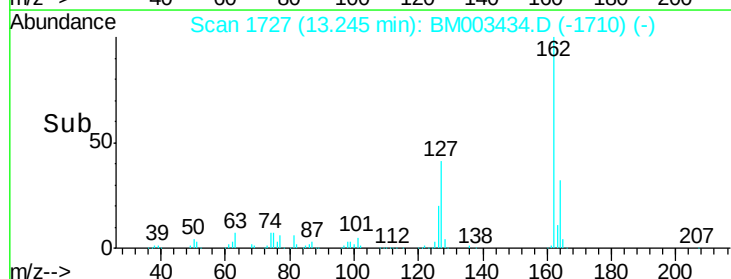
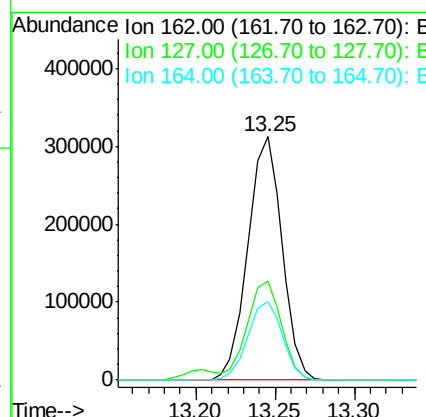
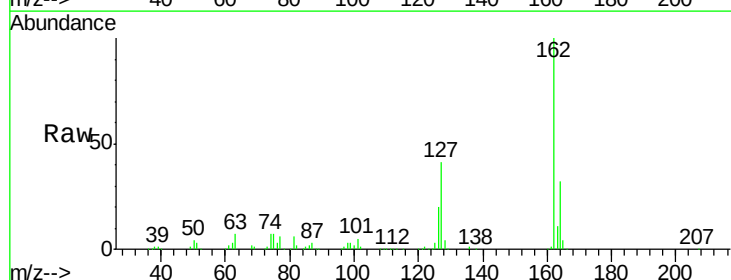
Manual Integrations
 APPROVED

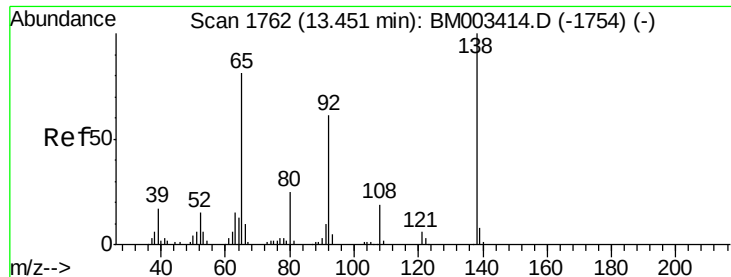
MMdadoda
 12/10/2015 5:48:34 PM



#46
 2-Chloronaphthalene
 Concen: 42.23 ng
 RT: 13.25 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	26.9	40.3#
164	32.5	26.8	40.2





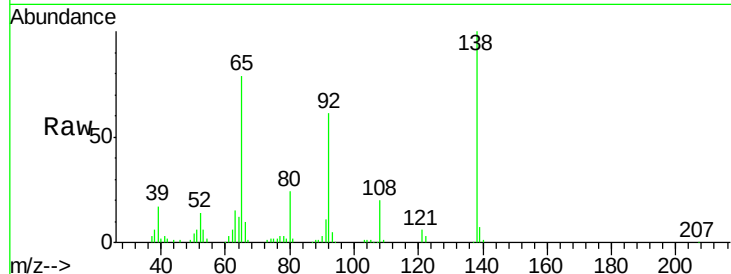
#47
2-Nitroaniline
Concen: 41.48 ng
RT: 13.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

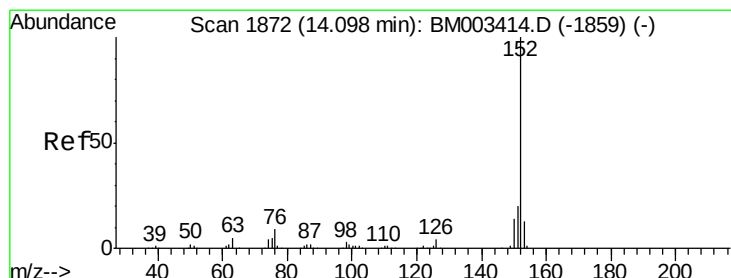
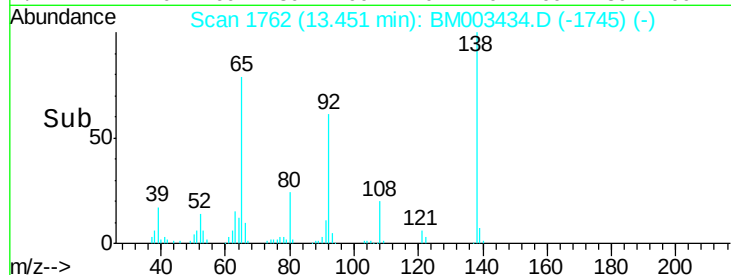
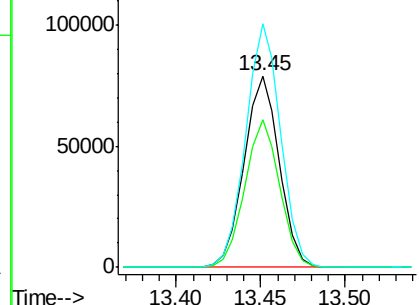
Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.0	59.1	88.7
138	127.0	93.9	140.9

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM

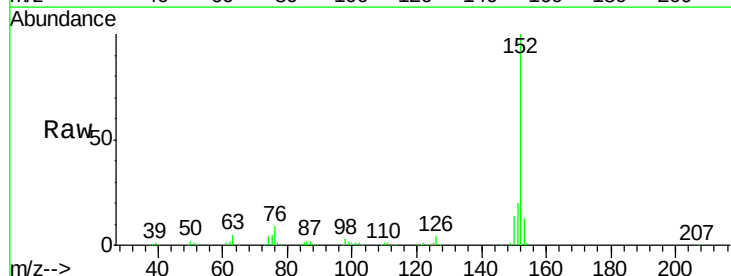


Abundance Ion 65.00 (64.70 to 65.70): BM003414.D (-1754) (-)
Ion 92.00 (91.70 to 92.70): BM003414.D (-1754) (-)
Ion 138.00 (137.70 to 138.70): BM003414.D (-1754) (-)

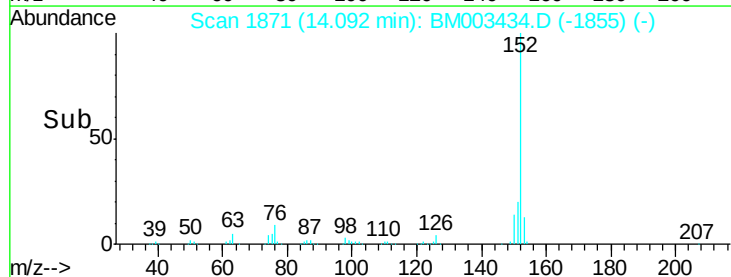
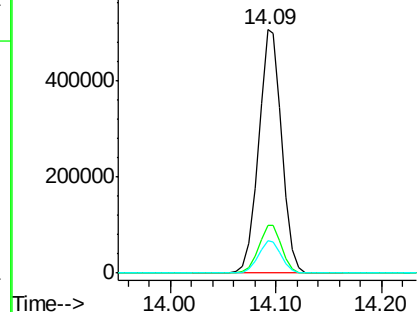


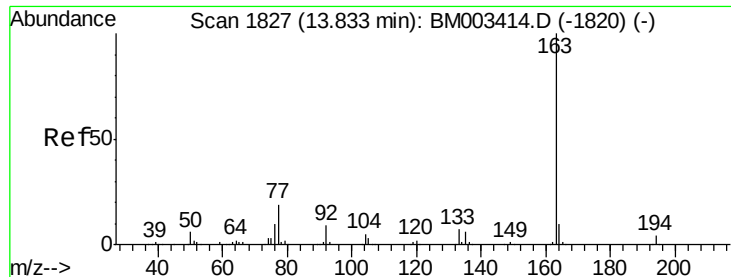
#48
Acenaphthylene
Concen: 41.61 ng
RT: 14.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	13.2	10.6	16.0



Abundance Ion 152.00 (151.70 to 152.70): BM003414.D (-1859) (-)
Ion 151.00 (150.70 to 151.70): BM003414.D (-1859) (-)
Ion 153.00 (152.70 to 153.70): BM003414.D (-1859) (-)





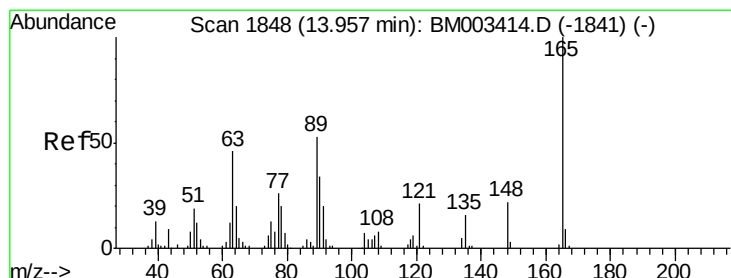
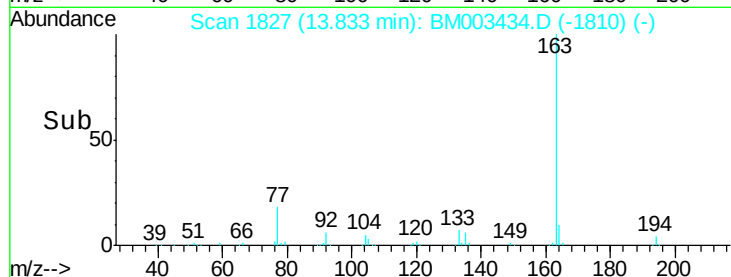
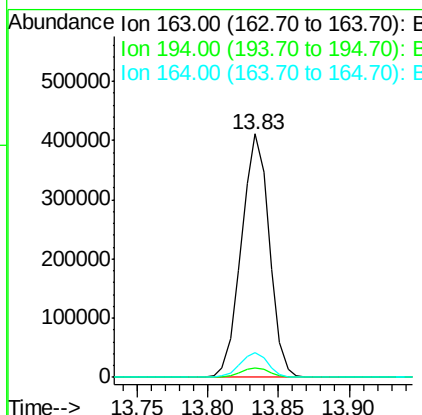
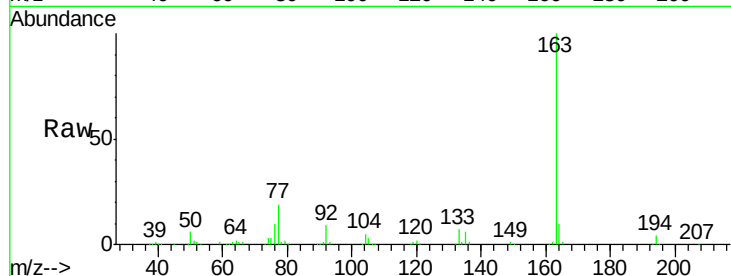
#49
Dimethylphthalate
Concen: 40.50 ng
RT: 13.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	568622		
194	3.9	2.7	4.1	
164	10.2	8.2	12.2	

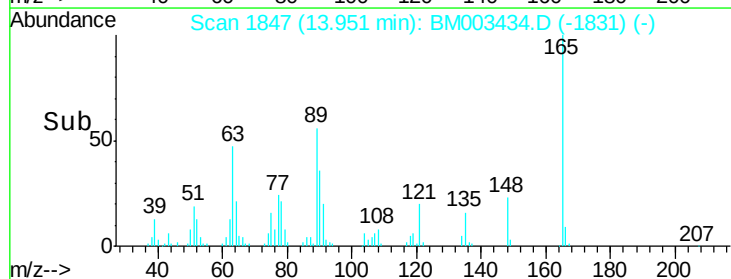
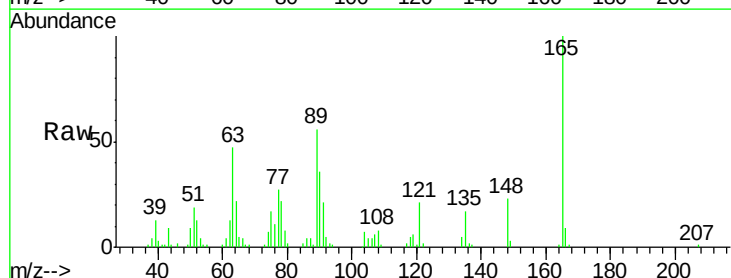
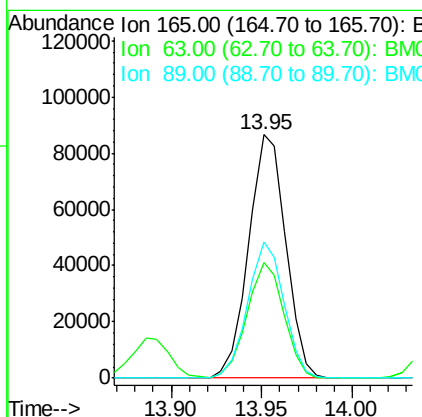
Manual Integrations
APPROVED

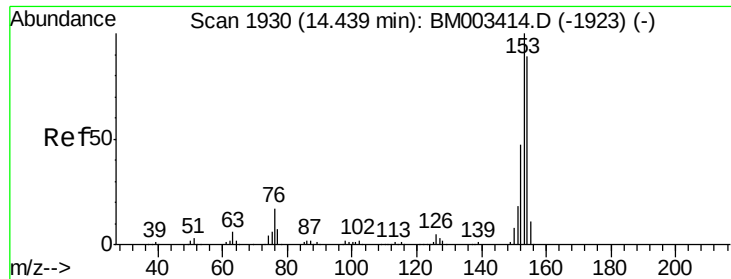
MMdadoda
12/10/2015 5:48:34 PM



#50
2,6-Dinitrotoluene
Concen: 42.09 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	123290		
63	47.3	44.1	66.1	
89	55.9	44.3	66.5	





#51

Acenaphthene

Concen: 41.40 ng

RT: 14.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BM003434.D

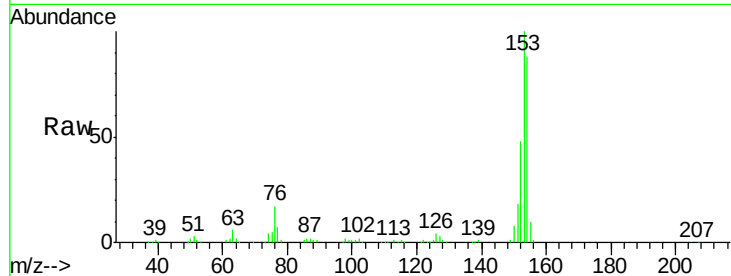
Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

ClientSampleId :

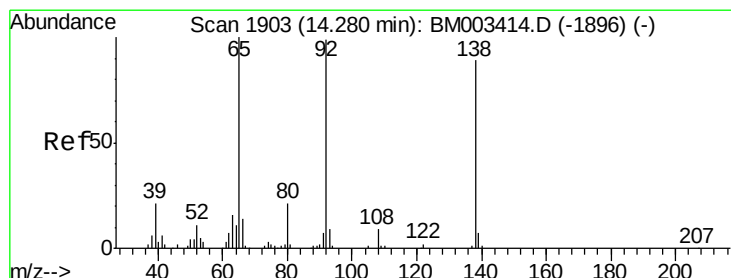
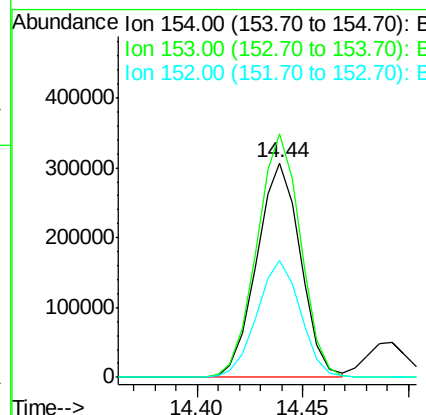
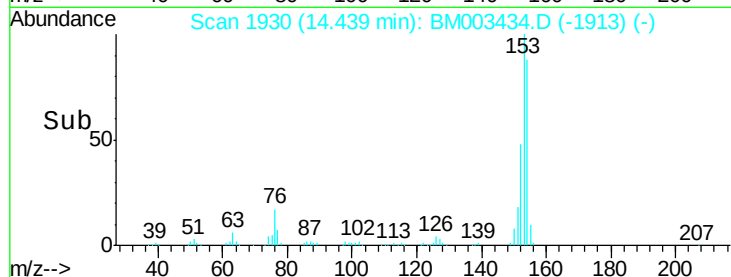
PB87152BS



Tgt Ion:	154	Resp:	443840
Ion Ratio	Lower	Upper	
154	100		
153	113.5	90.0	135.0
152	54.8	42.6	63.8

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#52

3-Nitroaniline

Concen: 16.10 ng

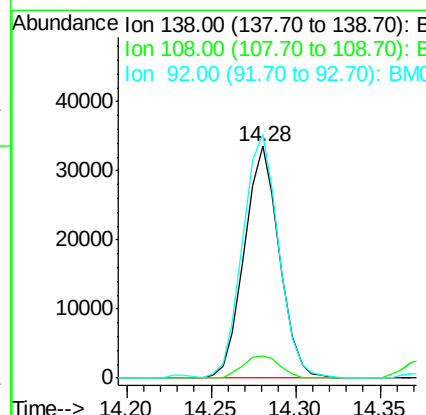
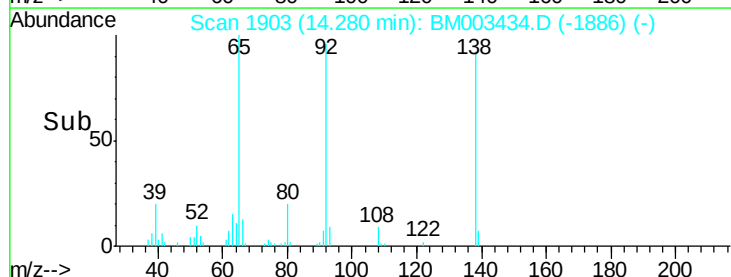
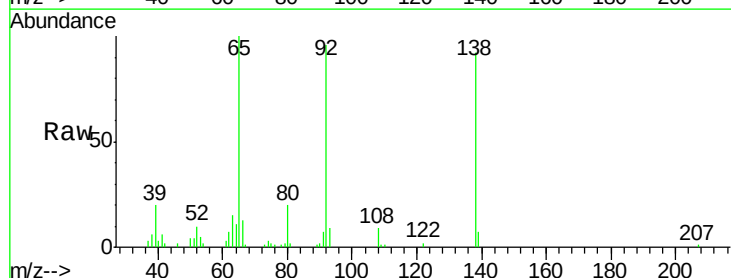
RT: 14.28 min Scan# 1903

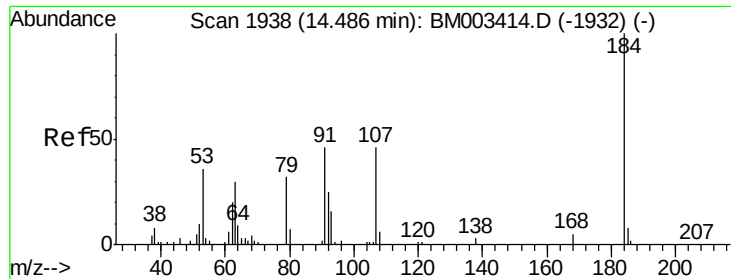
Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	138	Resp:	48258
Ion Ratio	Lower	Upper	
138	100		
108	9.8	7.3	10.9
92	105.2	76.6	114.8





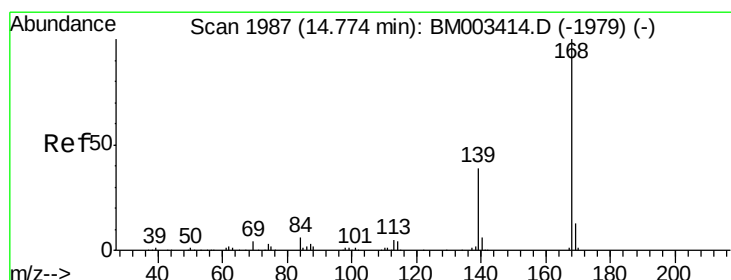
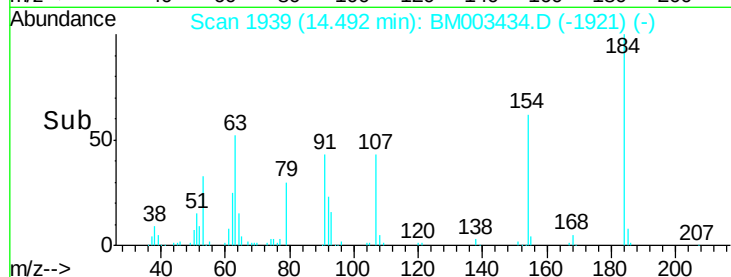
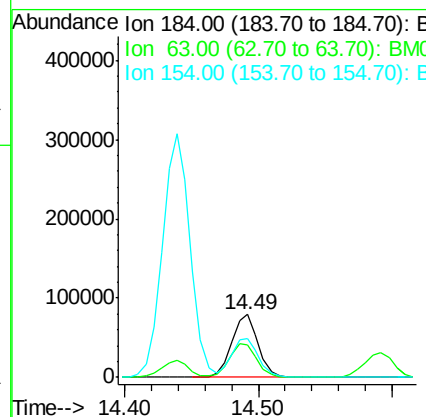
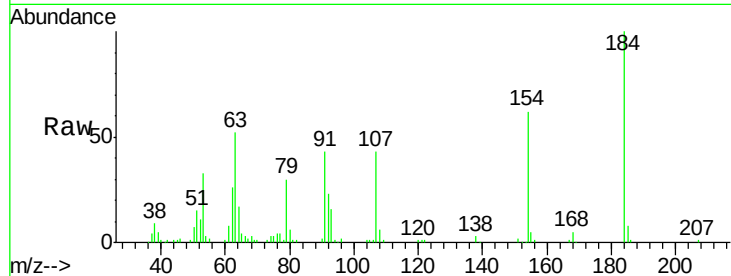
#53
2,4-Dinitrophenol
Concen: 67.90 ng
RT: 14.49 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	52.2	69.2	103.8#	
154	62.4	53.3	79.9	

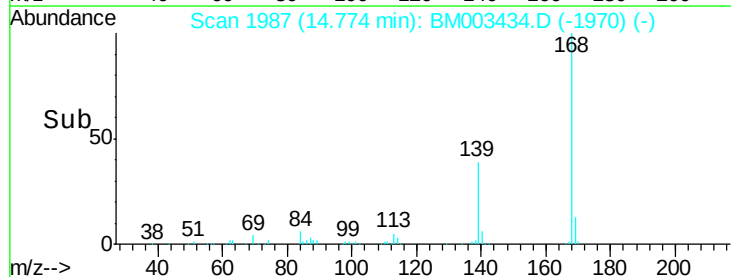
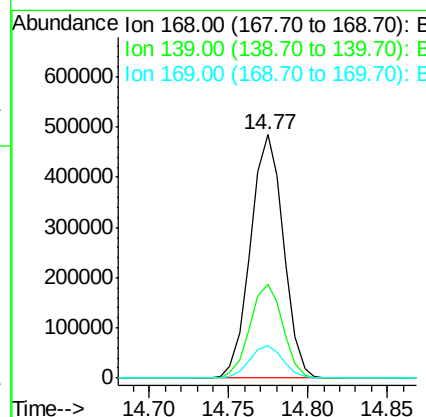
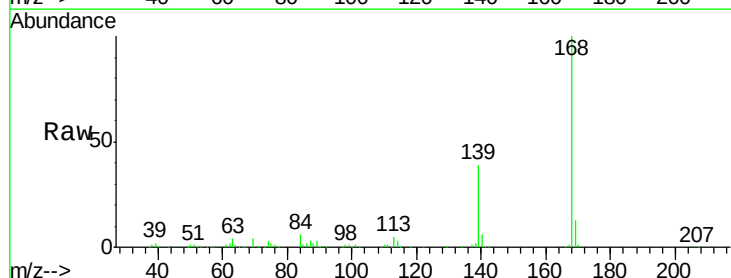
Manual Integrations
APPROVED

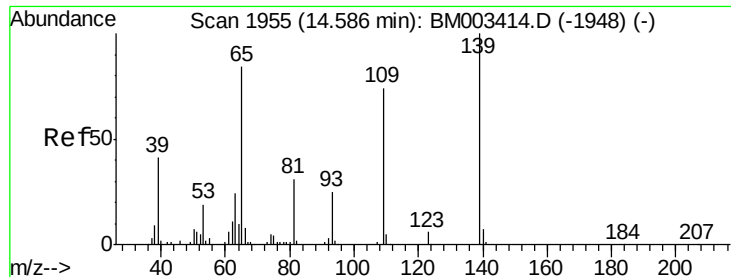
MMdadoda
12/10/2015 5:48:34 PM



#54
Dibenzofuran
Concen: 45.21 ng
RT: 14.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.8	27.3	40.9	
169	13.4	10.6	16.0	





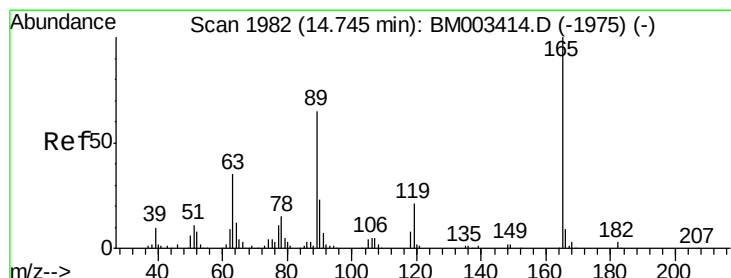
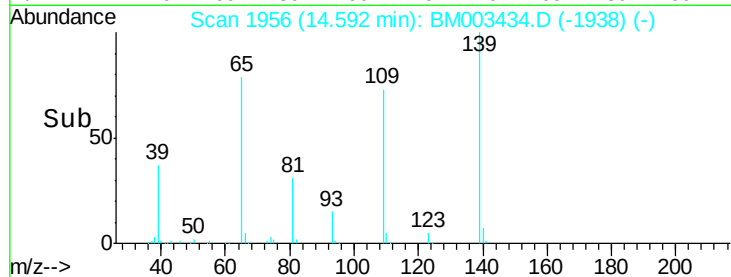
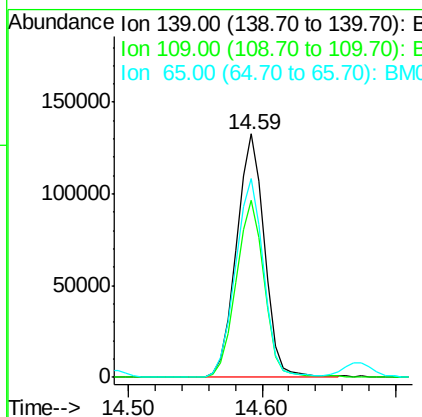
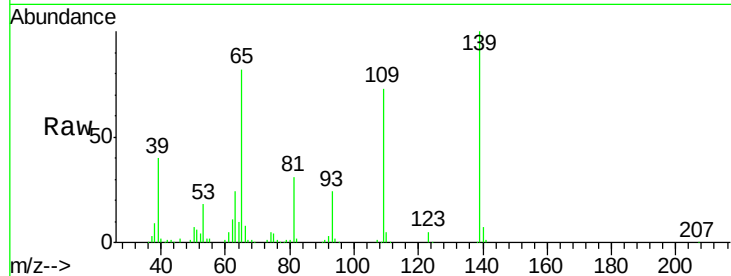
#55
4-Nitrophenol
Concen: 78.16 ng
RT: 14.59 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	193488		
109	73.0	37.7	77.7	
65	81.5	49.9	89.9	

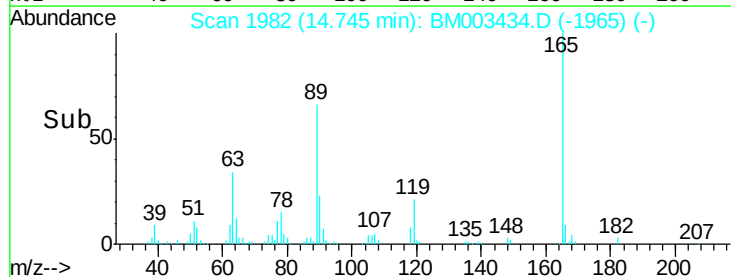
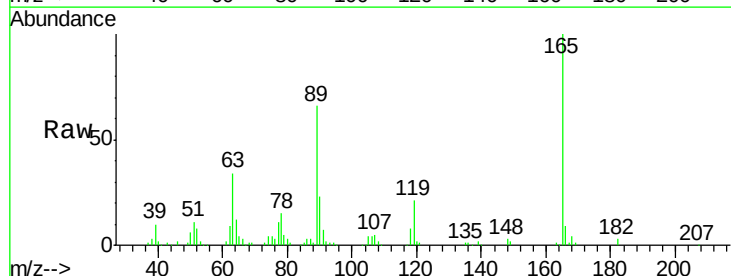
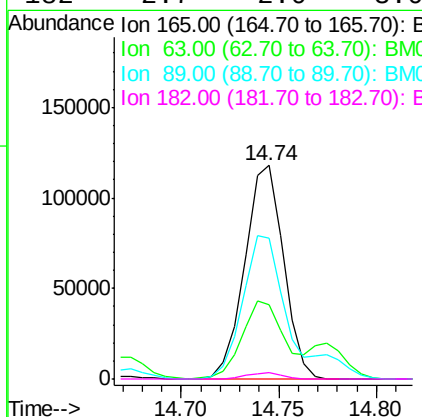
Manual Integrations
APPROVED

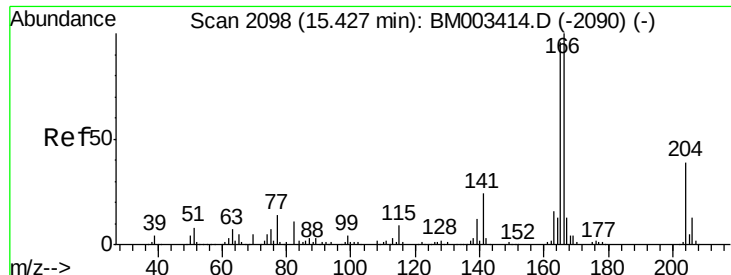
MMdadoda
12/10/2015 5:48:34 PM



#56
2,4-Dinitrotoluene
Concen: 42.76 ng
RT: 14.74 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	162525		
63	34.5	52.4	78.6#	
89	66.2	72.4	108.6#	
182	2.7	2.0	3.0	





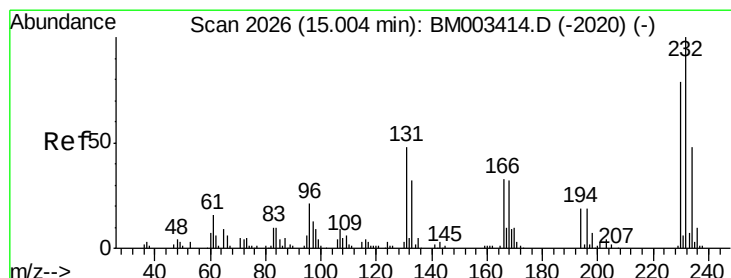
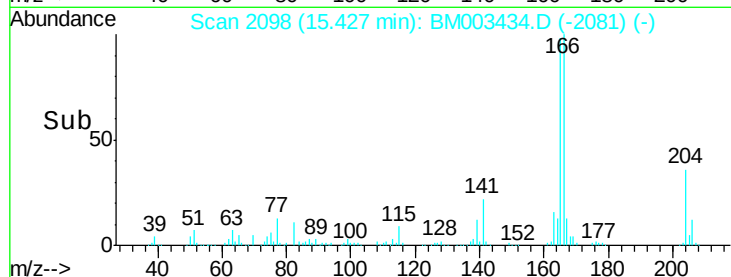
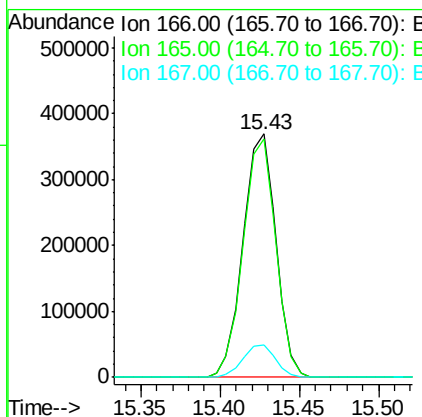
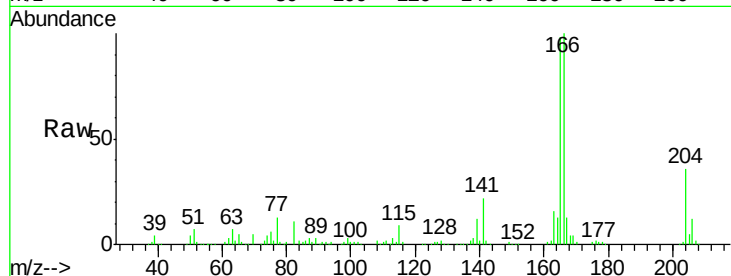
#57
 Fluorene
 Concen: 41.45 ng
 RT: 15.43 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Instrument :
 BNA_M
 ClientSampleId :
 PB87152BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	532169		
165	97.7	79.0	118.4	
167	13.2	10.3	15.5	

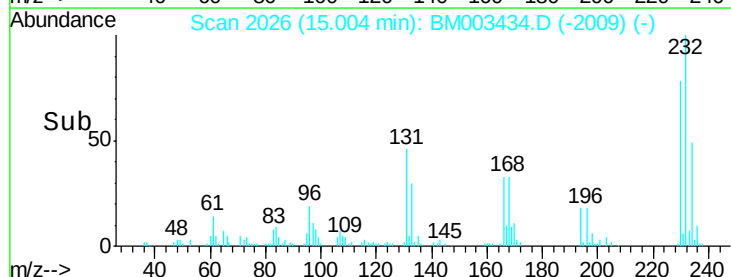
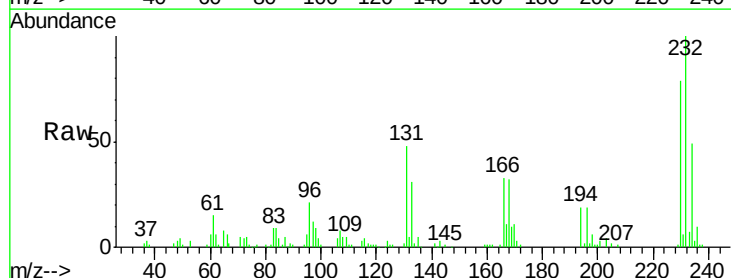
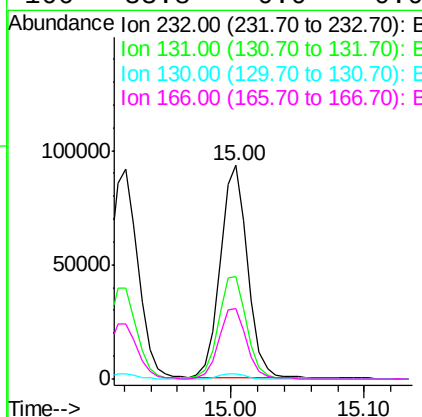
Manual Integrations
 APPROVED

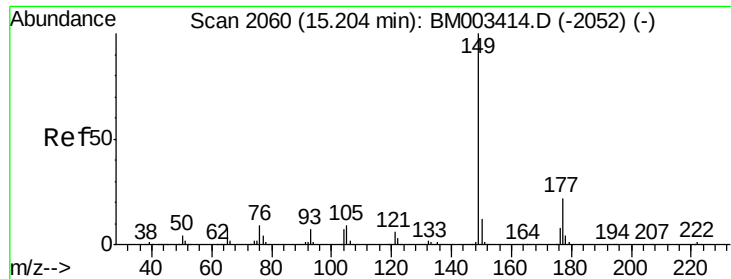
MMdadoda
 12/10/2015 5:48:34 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.31 ng
 RT: 15.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	133654		
131	50.4	0.0	0.0#	
130	2.4	0.0	0.0#	
166	33.8	0.0	0.0#	





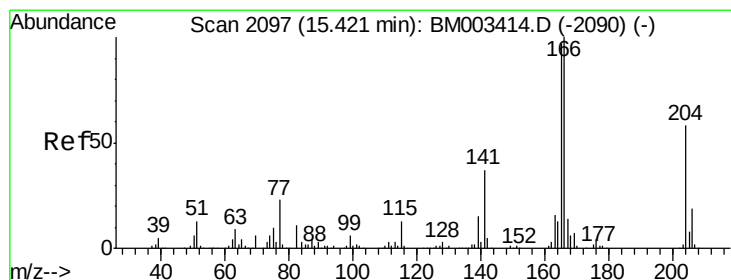
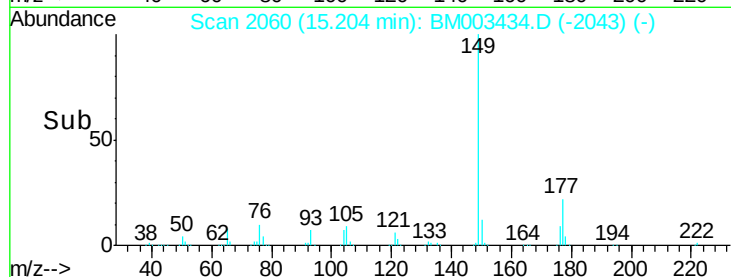
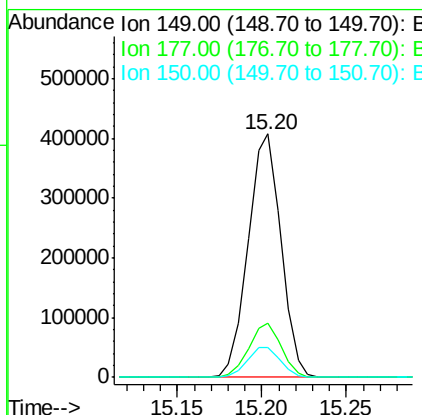
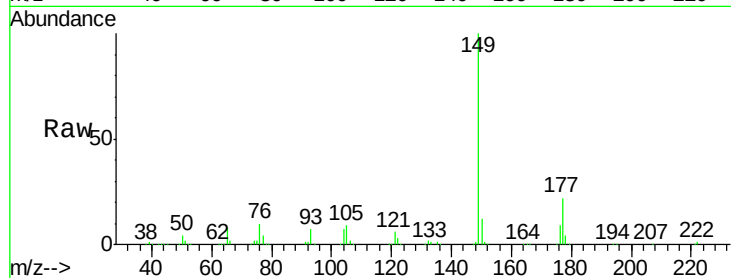
#59
Diethylphthalate
Concen: 39.91 ng
RT: 15.20 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	18.3	27.5
150	12.3	9.8	14.8

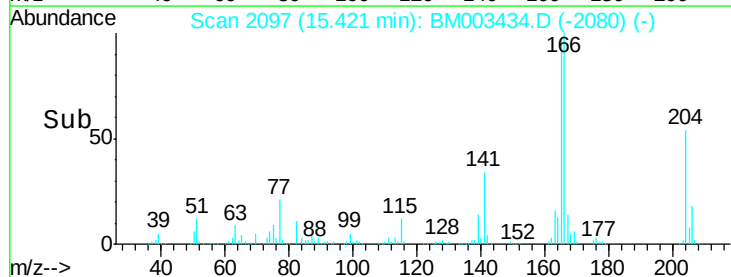
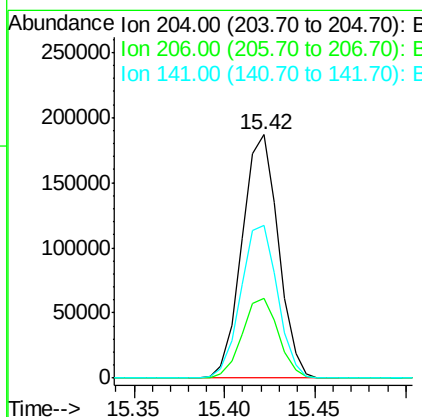
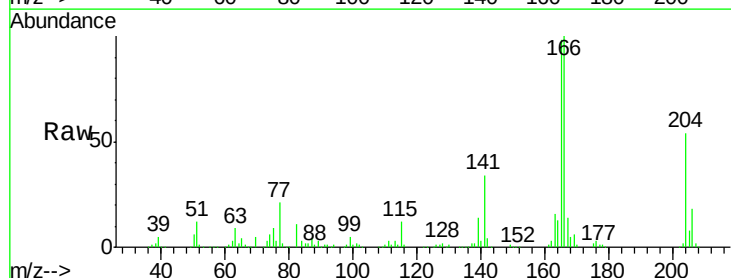
Manual Integrations
APPROVED

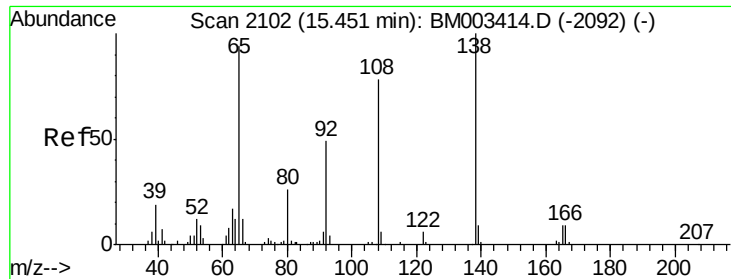
MMdadoda
12/10/2015 5:48:34 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.06 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	62.7	45.2	67.8





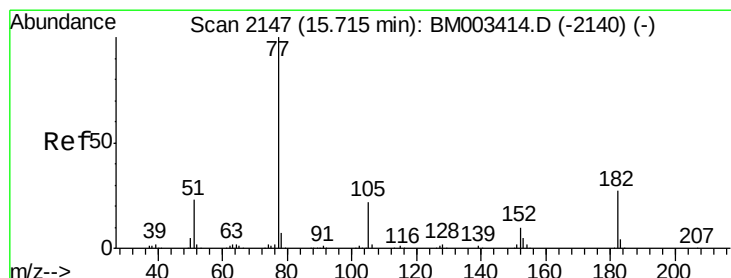
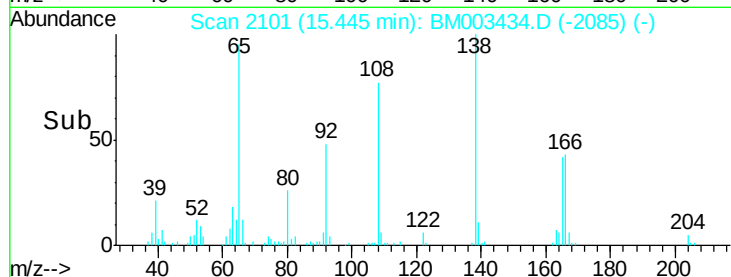
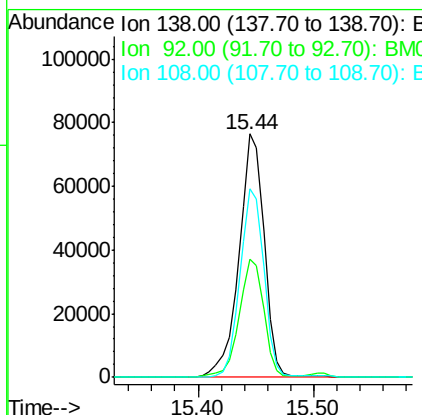
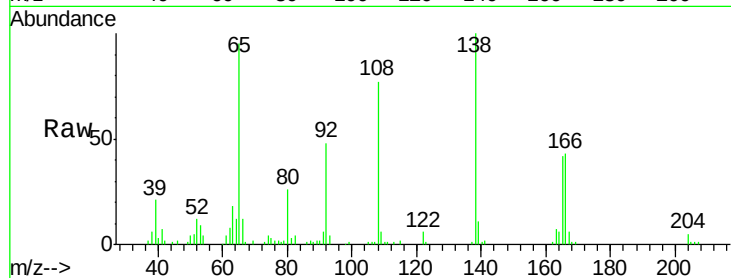
#61
4-Nitroaniline
Concen: 37.95 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.4	16.7	56.7
108	77.4	37.6	77.6

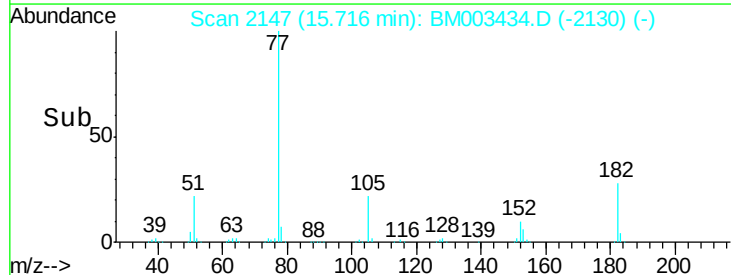
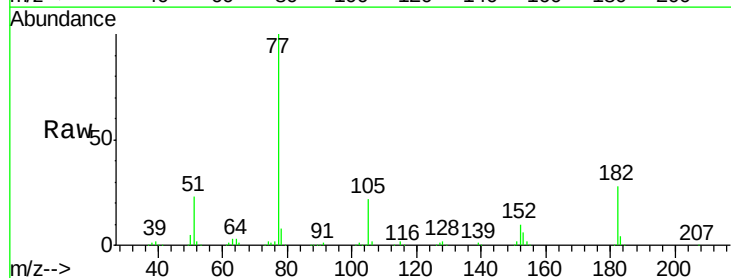
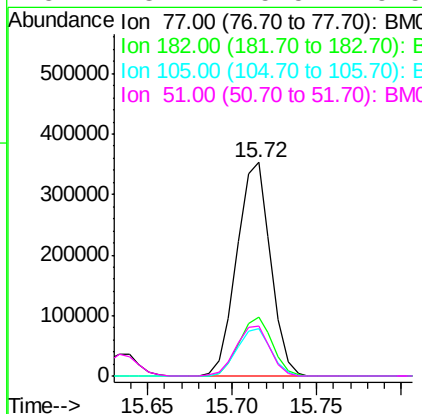
Manual Integrations
APPROVED

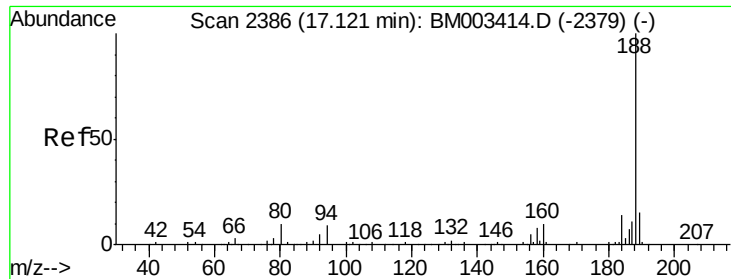
MMdadoda
12/10/2015 5:48:34 PM



#62
Azobenzene
Concen: 45.28 ng
RT: 15.72 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.9	6.5	46.5
105	22.1	3.8	43.8
51	23.2	5.5	45.5





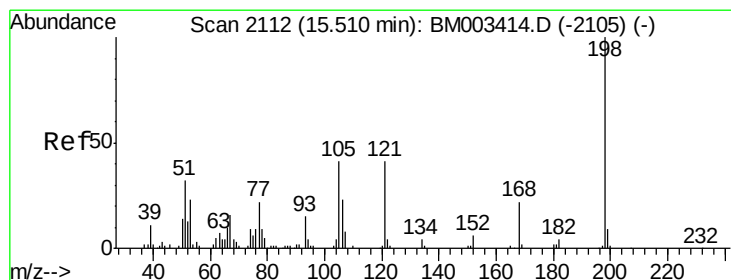
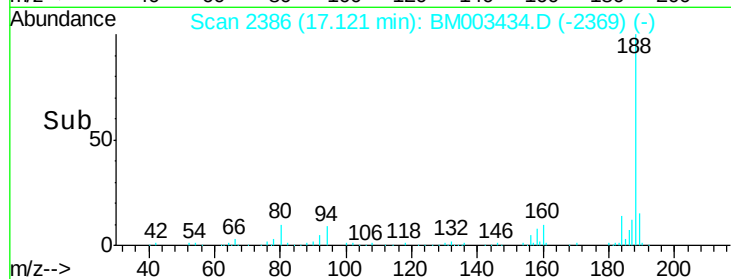
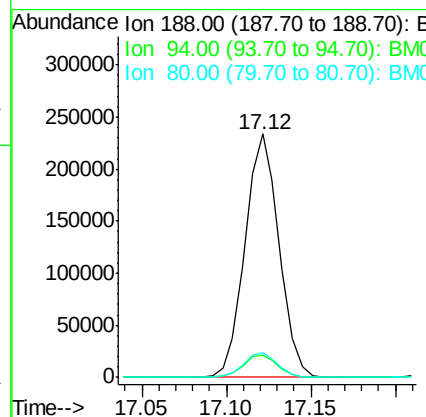
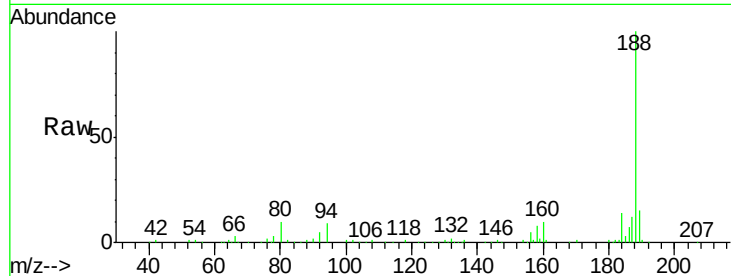
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.1	8.7	13.1
80	10.0	9.3	13.9

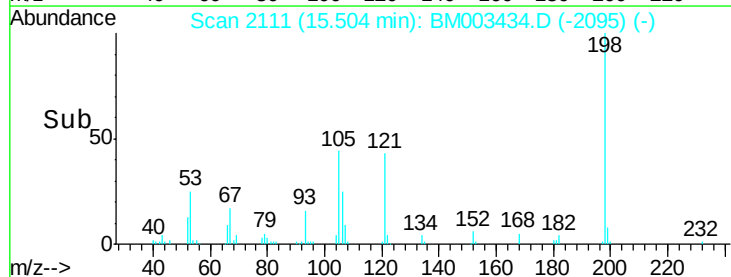
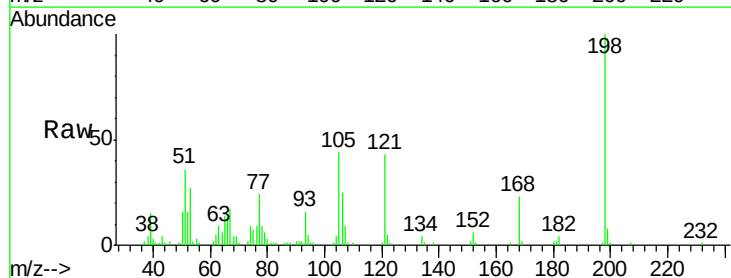
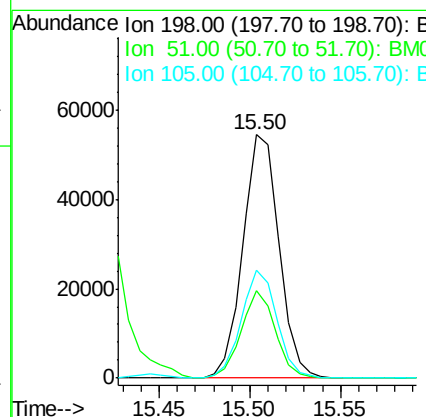
Manual Integrations
APPROVED

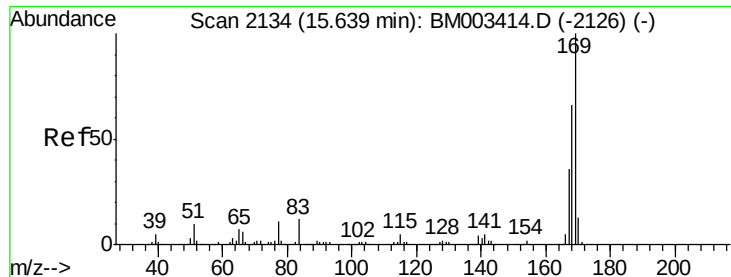
MMdadoda
12/10/2015 5:48:34 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.47 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	36.1	28.8	68.8
105	44.1	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 45.01 ng

RT: 15.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

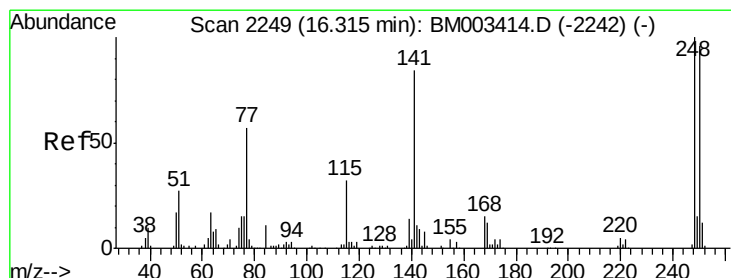
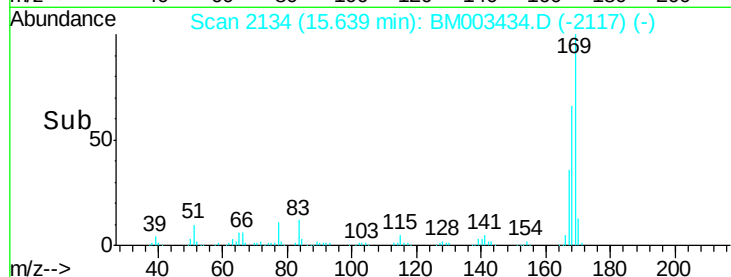
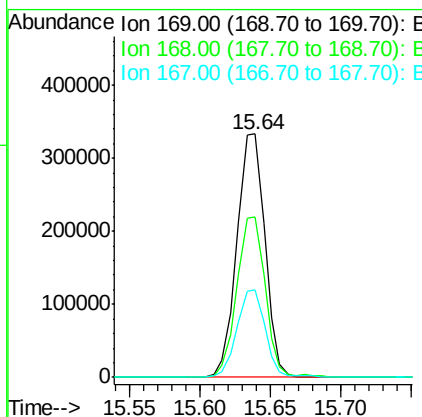
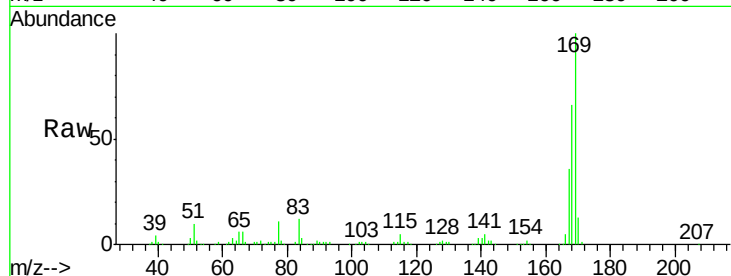
ClientSampleId :

PB87152BS

Tgt Ion:	169	Resp:	463548
Ion Ratio	Lower	Upper	
169	100		
168	65.8	53.9	80.9
167	36.1	28.9	43.3

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#66

4-Bromophenyl-phenylether

Concen: 43.33 ng

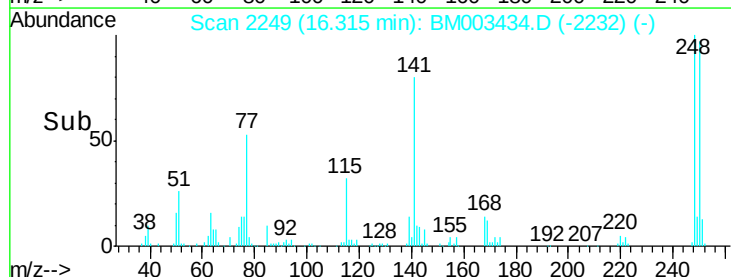
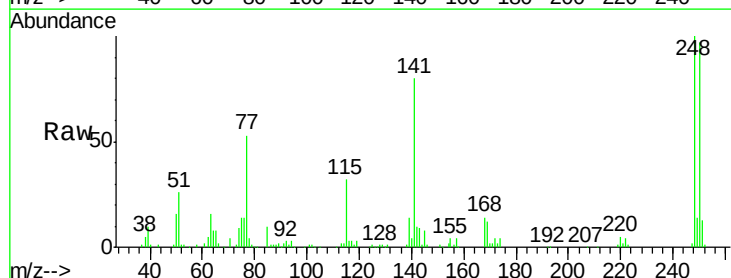
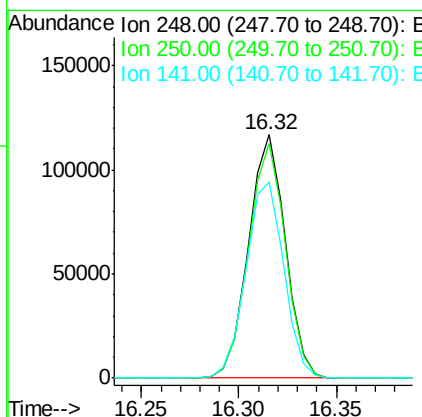
RT: 16.32 min Scan# 2249

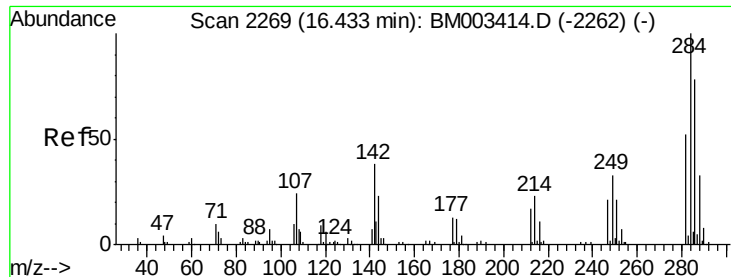
Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	248	Resp:	152190
Ion Ratio	Lower	Upper	
248	100		
250	96.6	77.4	116.0
141	80.5	45.2	67.8#





#67

Hexachlorobenzene

Concen: 43.64 ng

RT: 16.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BM003434.D

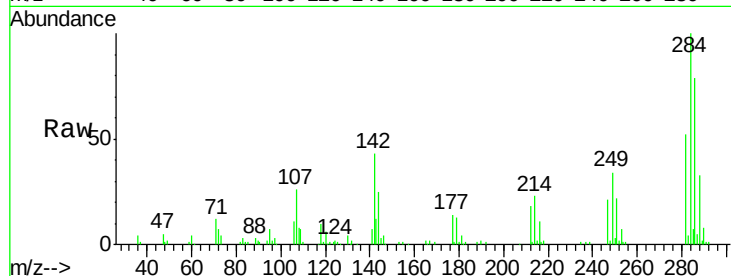
Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

ClientSampleId :

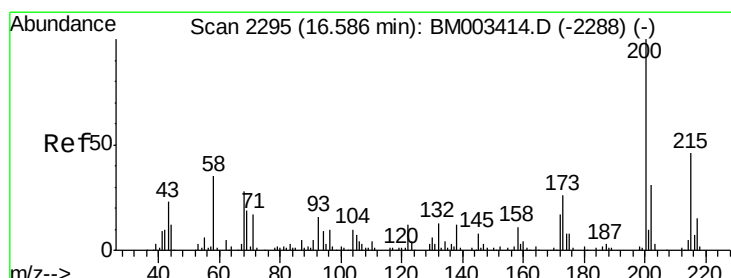
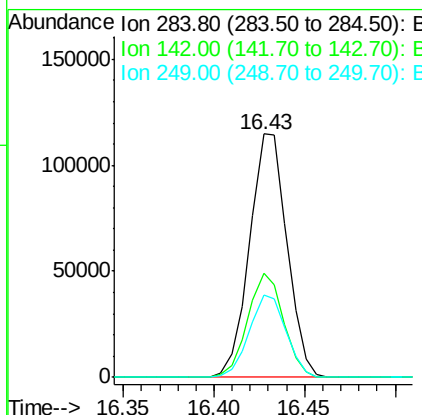
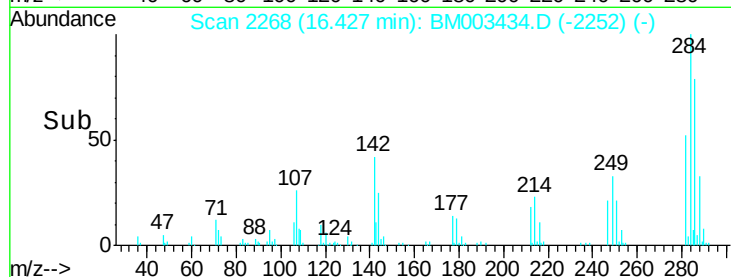
PB87152BS



Tgt Ion:	284	Resp:	164672
Ion Ratio	Lower	Upper	
284	100		
142	42.6	20.4	30.6#
249	34.0	23.8	35.6

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#68

Atrazine

Concen: 45.82 ng

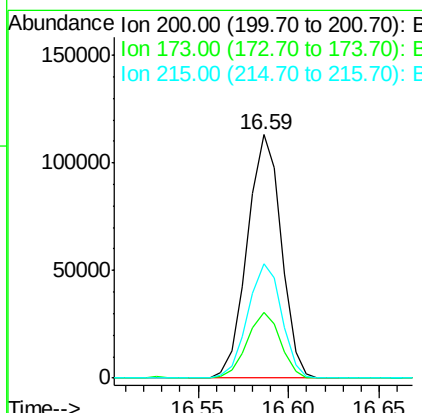
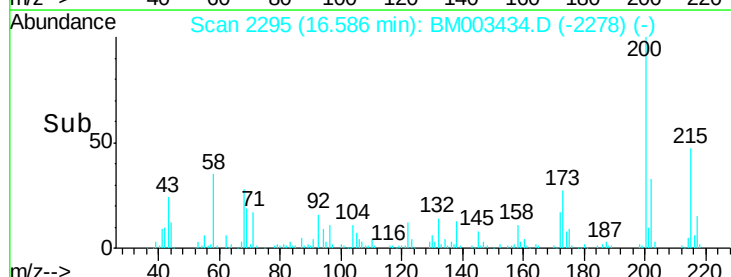
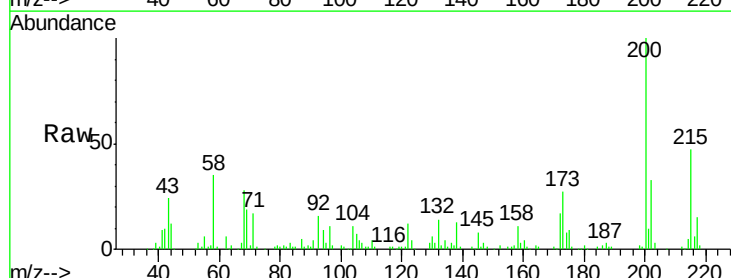
RT: 16.59 min Scan# 2295

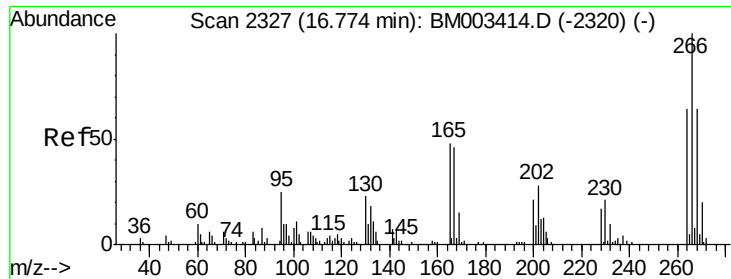
Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	200	Resp:	147196
Ion Ratio	Lower	Upper	
200	100		
173	27.0	4.8	44.8
215	47.2	26.9	66.9





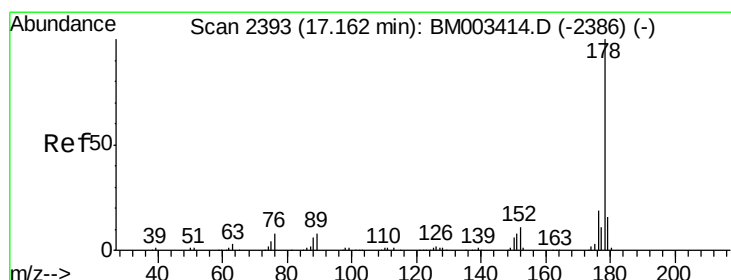
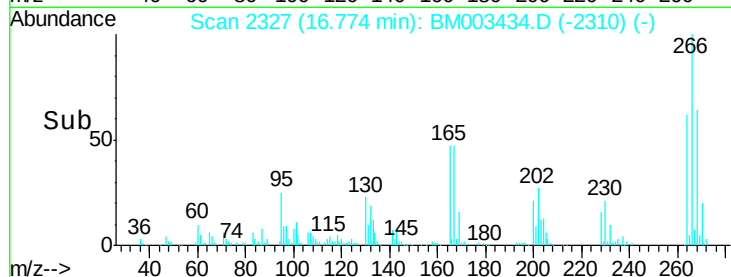
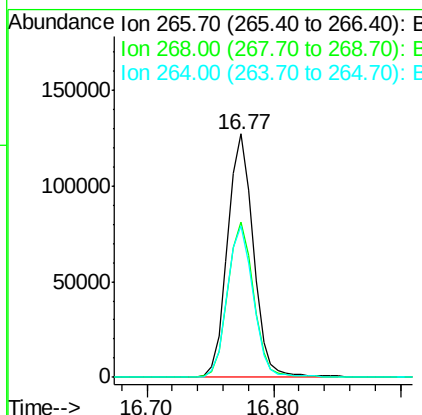
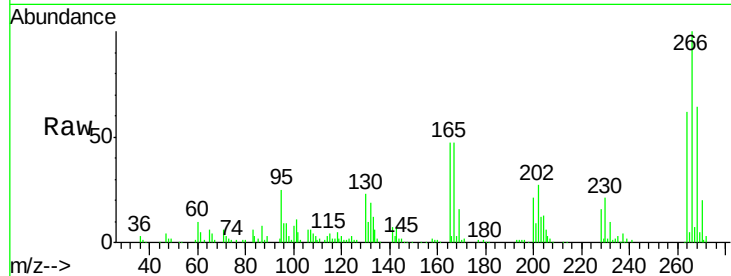
#69
 Pentachlorophenol
 Concen: 83.20 ng
 RT: 16.77 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Instrument :
 BNA_M
 ClientSampleId :
 PB87152BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	179238		
268	63.7	52.0	78.0	
264	62.2	49.0	73.4	

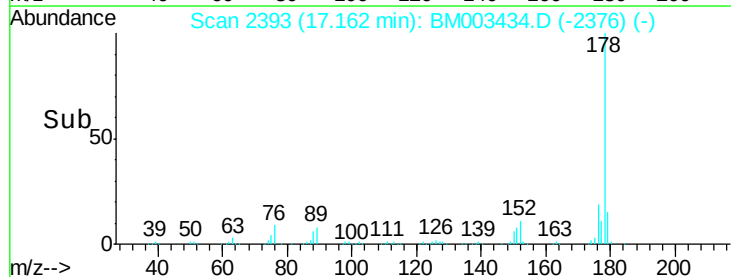
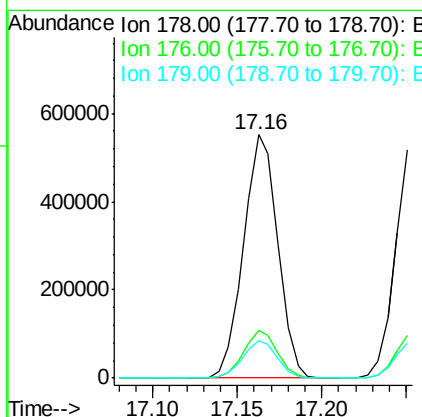
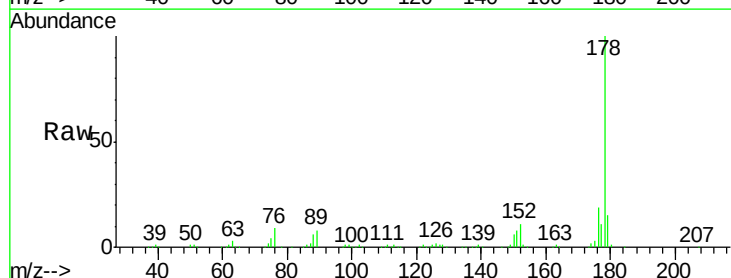
Manual Integrations
 APPROVED

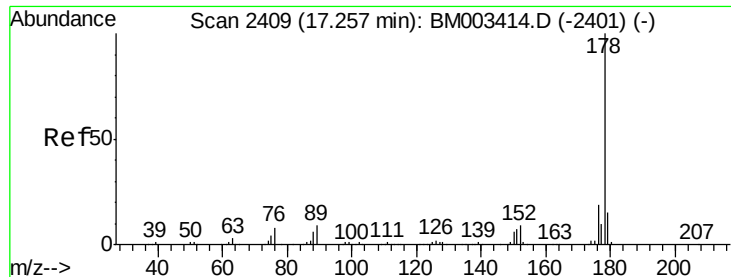
MMdadoda
 12/10/2015 5:48:34 PM



#70
 Phenanthrene
 Concen: 42.55 ng
 RT: 17.16 min Scan# 2393
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	777744		
176	19.5	15.2	22.8	
179	15.4	12.1	18.1	





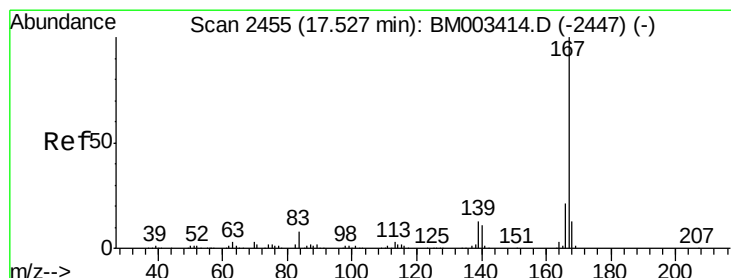
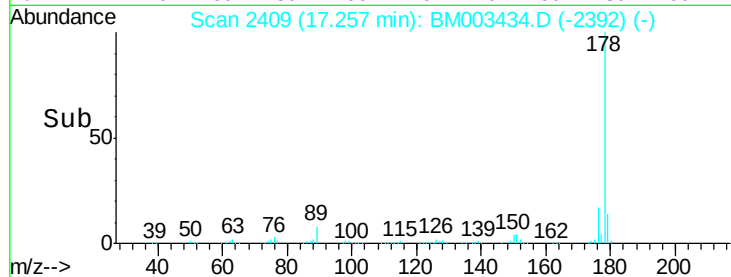
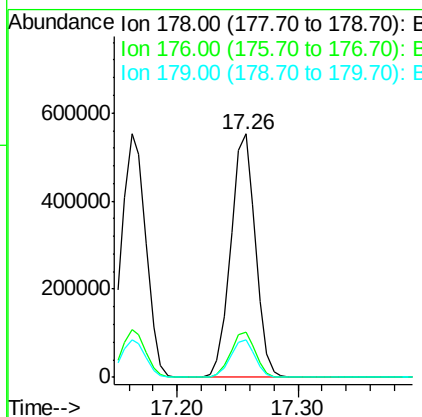
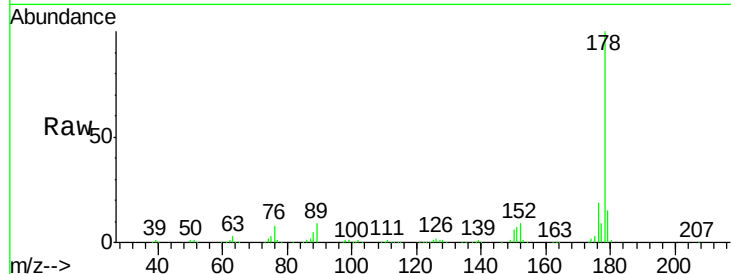
#71
 Anthracene
 Concen: 43.21 ng
 RT: 17.26 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Instrument :
 BNA_M
 ClientSampleId :
 PB87152BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.4	12.6	19.0

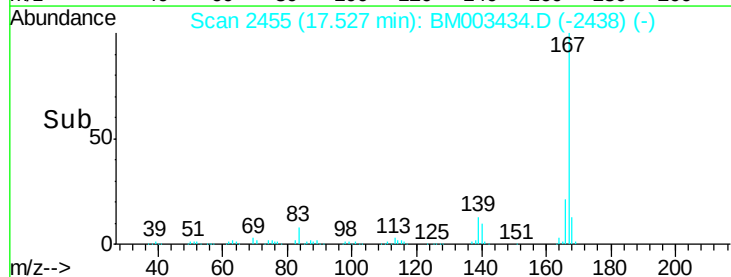
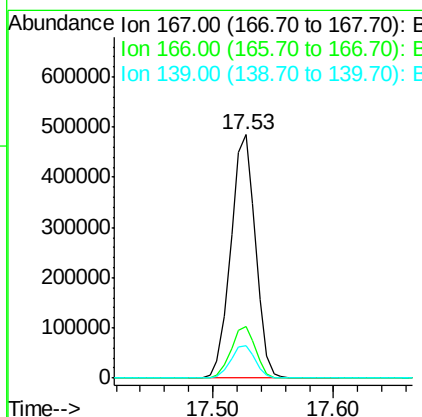
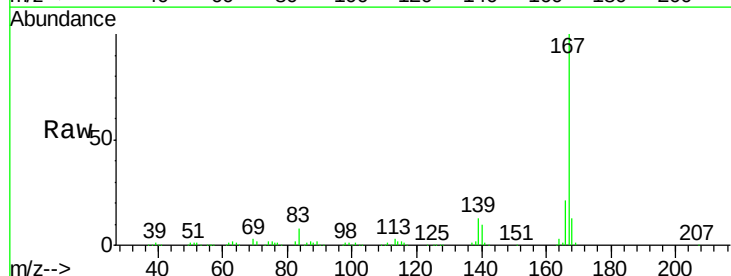
Manual Integrations
 APPROVED

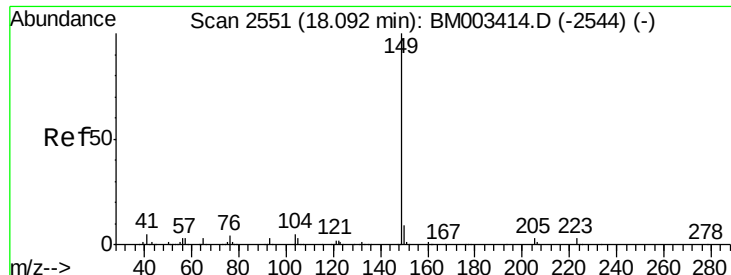
MMdadoda
 12/10/2015 5:48:34 PM



#72
 Carbazole
 Concen: 43.49 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	13.3	10.8	16.2





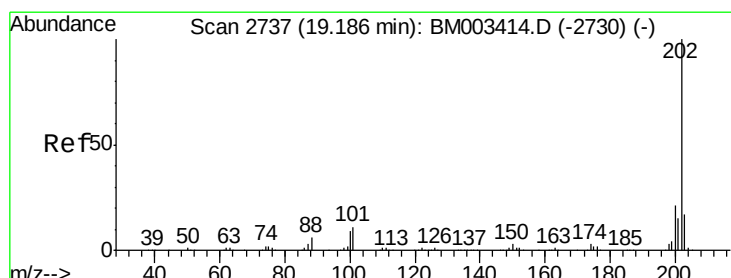
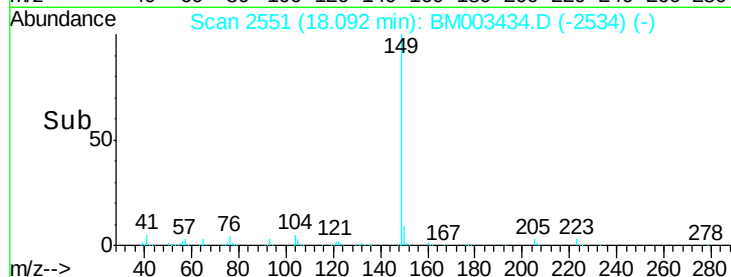
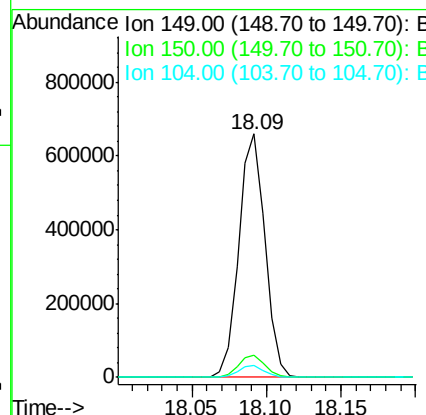
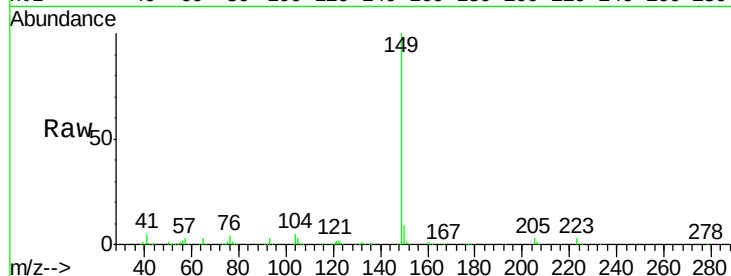
#73
Di-n-butylphthalate
Concen: 43.60 ng
RT: 18.09 min Scan# 2551
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	806491		
150	9.0	7.5	11.3	
104	4.7	3.7	5.5	

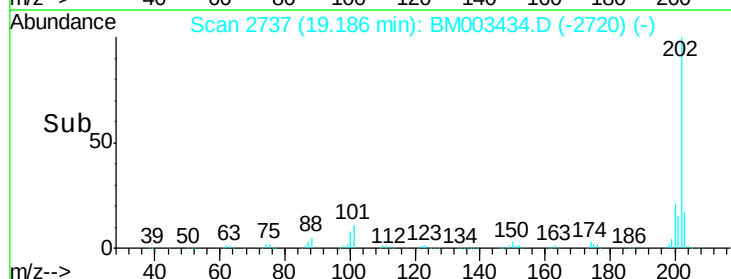
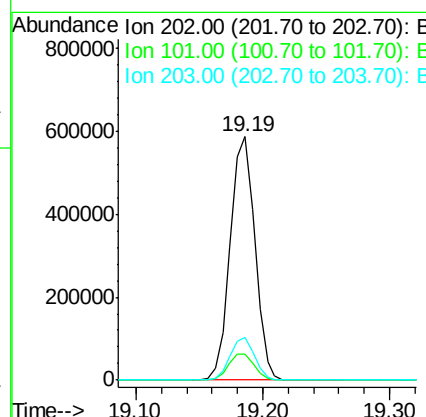
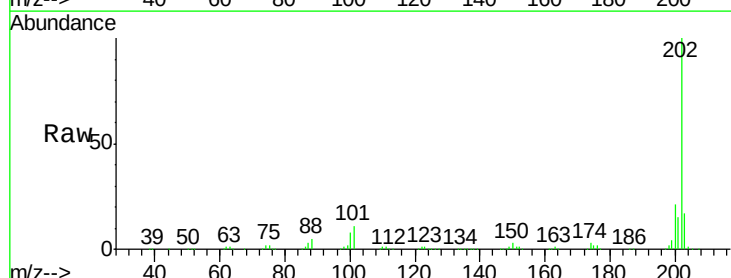
Manual Integrations
APPROVED

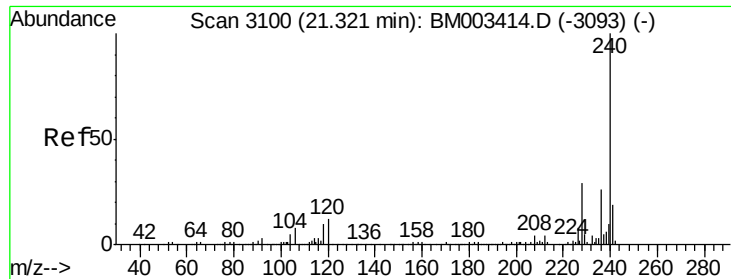
MMdadoda
12/10/2015 5:48:34 PM



#74
Fluoranthene
Concen: 41.95 ng
RT: 19.19 min Scan# 2737
Delta R.T. 0.00 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	790829		
101	10.8	0.0	28.7	
203	17.5	0.0	37.2	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

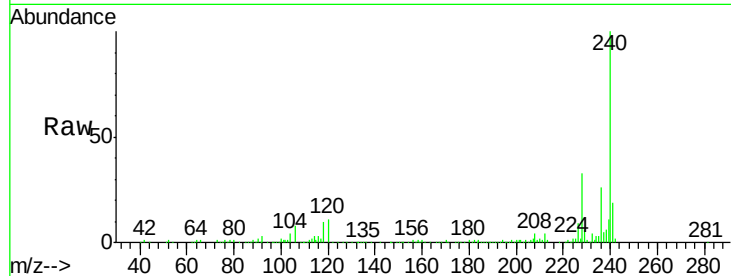
ClientSampleId :

PB87152BS

Tgt Ion:	240	Resp:	279494
Ion Ratio		Lower	Upper
240	100		
120	11.4	8.2	12.2
236	25.5	20.0	30.0

Manual Integrations
APPROVED

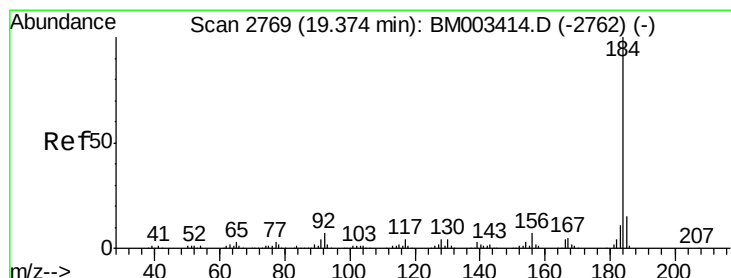
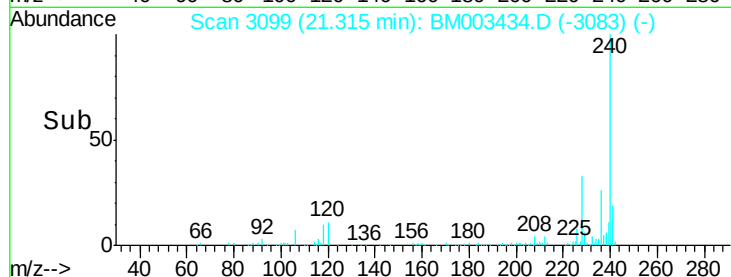
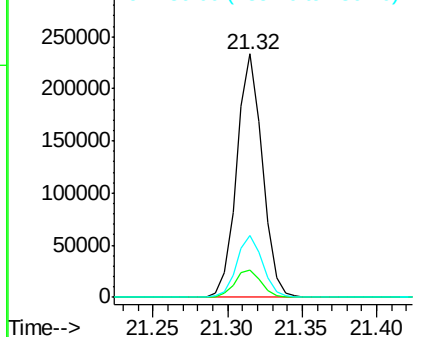
MMdadoda
12/10/2015 5:48:34 PM



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: 30.91 ng

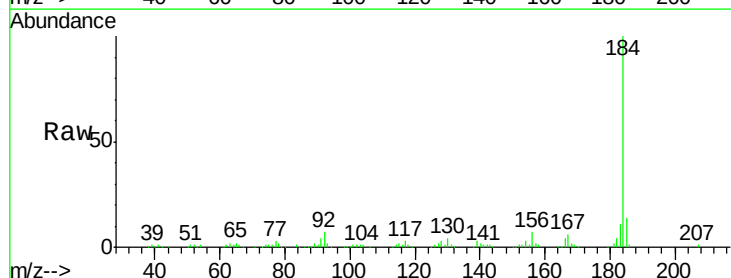
RT: 19.37 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

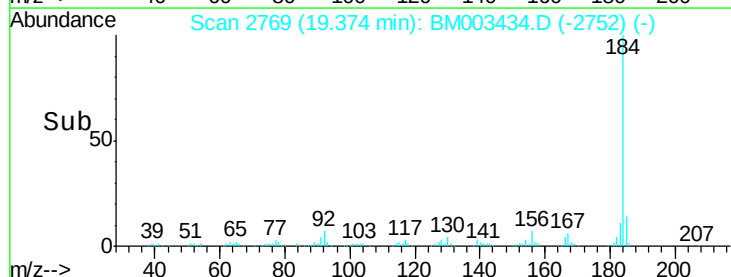
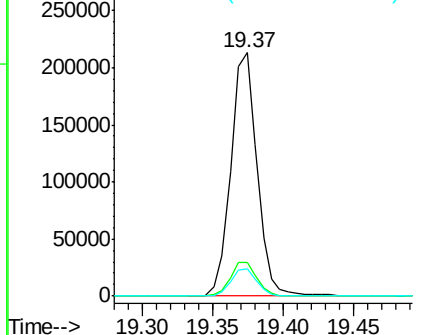
Tgt Ion:	184	Resp:	276767
Ion Ratio		Lower	Upper
184	100		
185	14.1	11.3	16.9
183	11.4	8.9	13.3

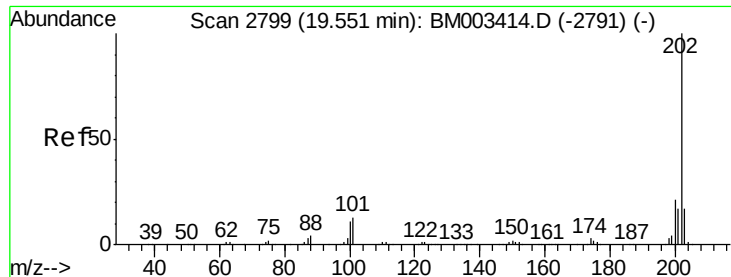


Abundance Ion 184.00 (183.70 to 184.70): E

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: 19.55 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM003434.D

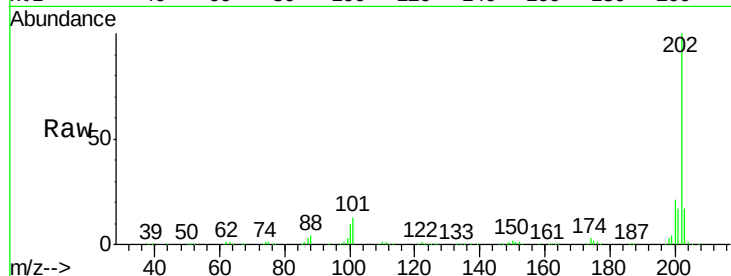
Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

ClientSampleId :

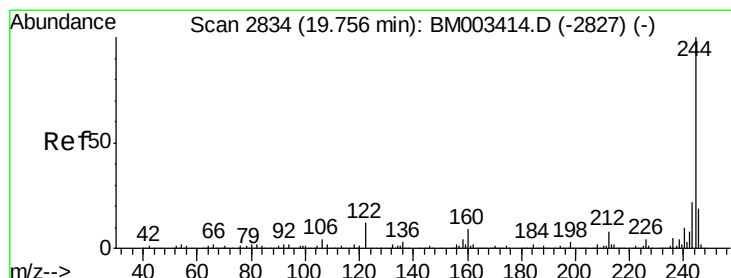
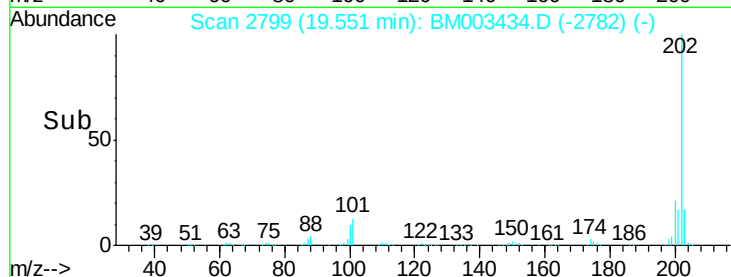
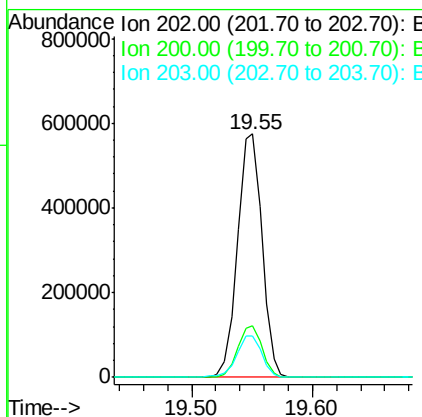
PB87152BS



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	816183		
200	21.4	16.9	25.3	
203	17.2	14.1	21.1	

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#78

Terphenyl-d14

Concen: 81.41 ng

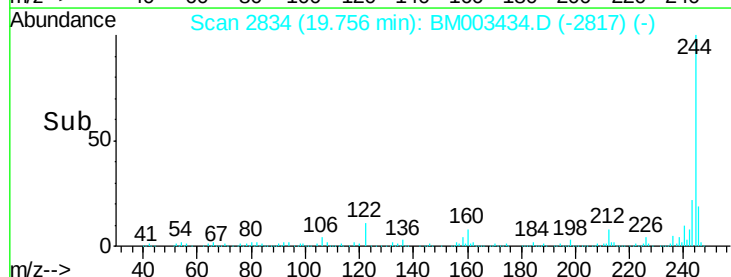
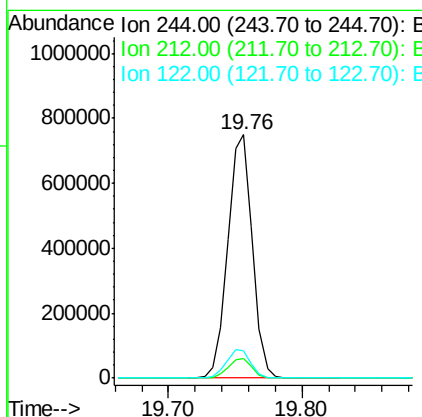
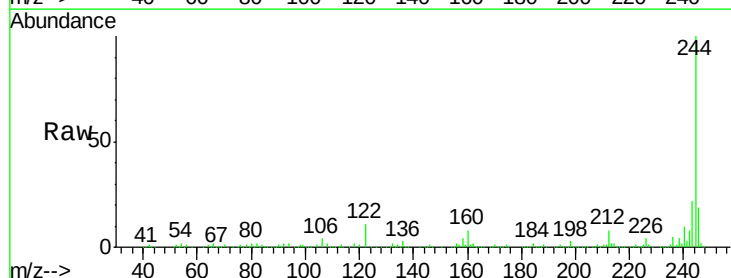
RT: 19.76 min Scan# 2834

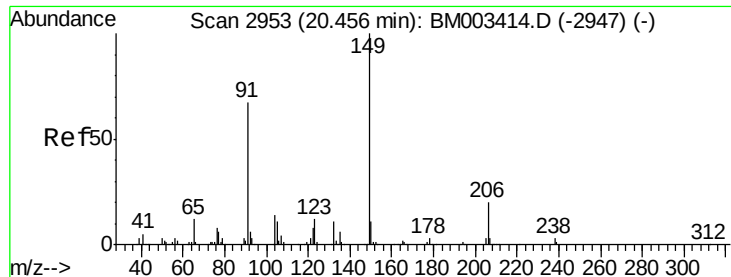
Delta R.T. 0.00 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	964864		
212	7.8	4.9	7.3#	
122	11.2	6.2	9.4#	





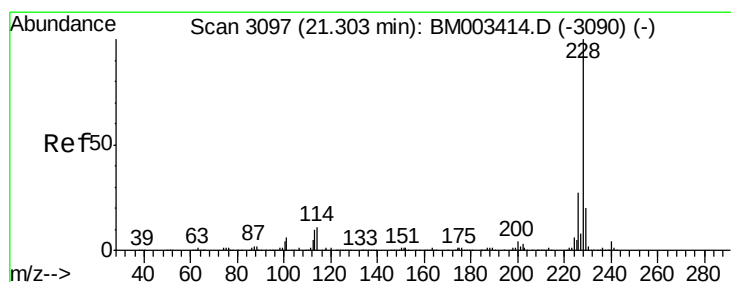
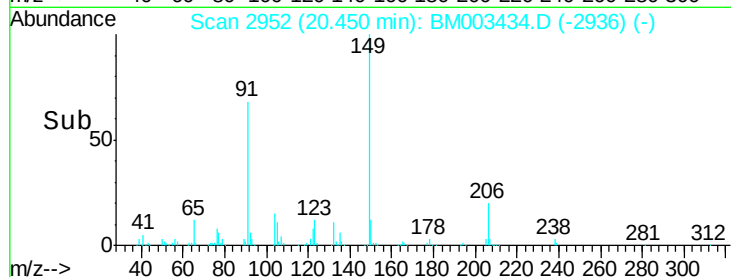
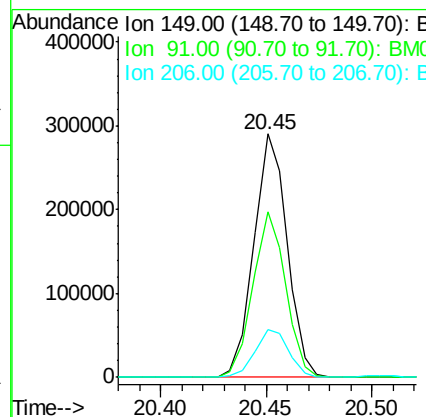
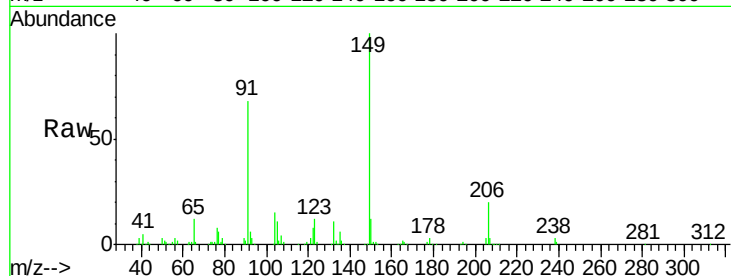
#79
Butylbenzylphthalate
Concen: 42.08 ng
RT: 20.45 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	317660		
91	68.0	50.1	75.1	
206	19.6	16.2	24.2	

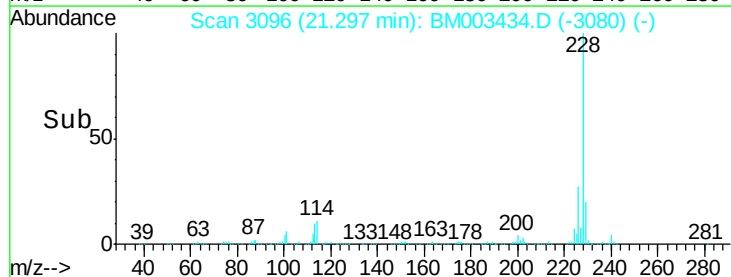
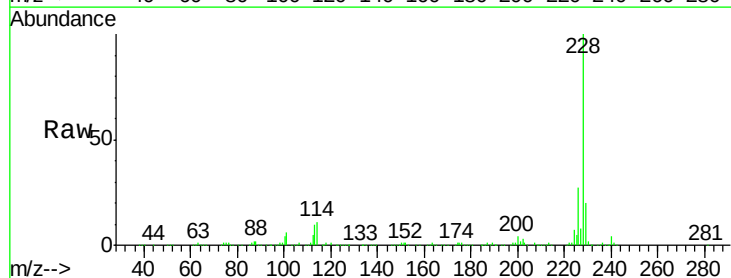
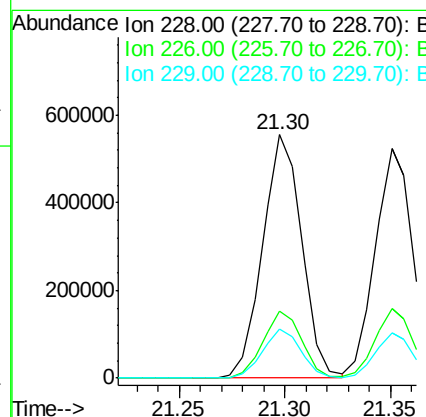
Manual Integrations
APPROVED

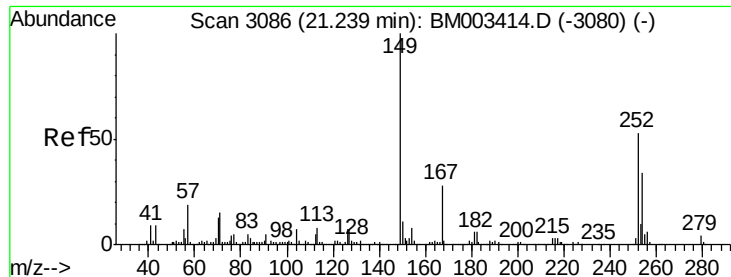
MMdadoda
12/10/2015 5:48:34 PM



#80
Benzo(a)anthracene
Concen: 42.74 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	716187		
226	27.5	21.7	32.5	
229	20.0	16.0	24.0	





#81

3,3'-Dichlorobenzidine

Concen: 25.43 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

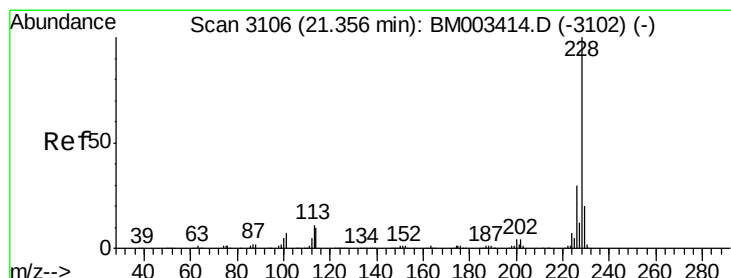
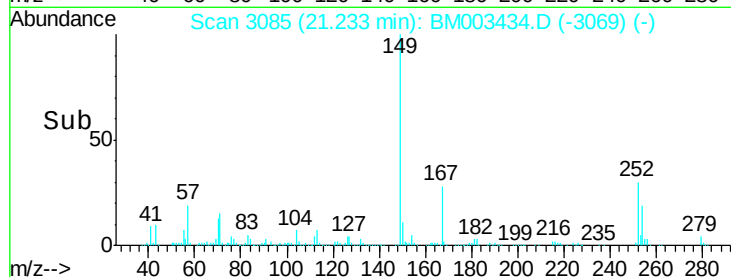
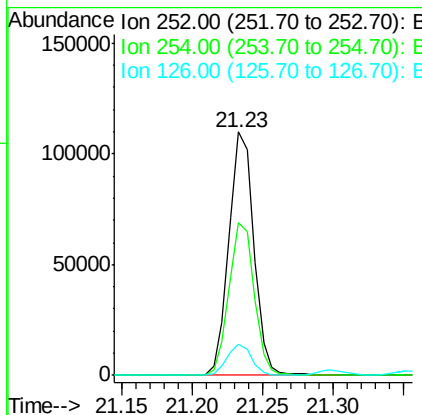
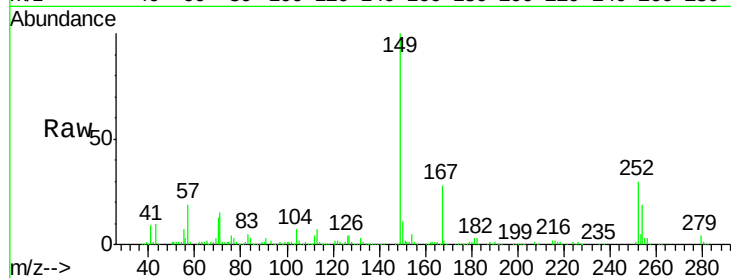
ClientSampleId :

PB87152BS

Tgt Ion:	252	Resp:	135695
Ion Ratio	Lower	Upper	
252	100		
254	62.5	51.9	77.9
126	12.8	9.8	14.8

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#82

Chrysene

Concen: 40.19 ng

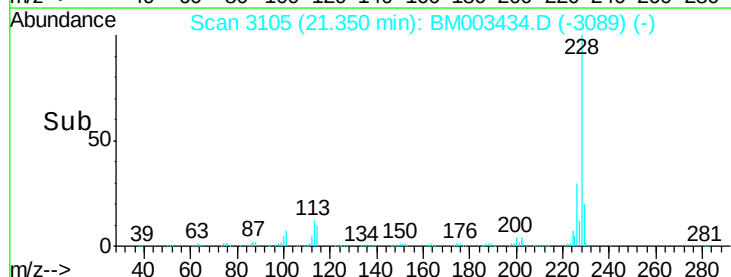
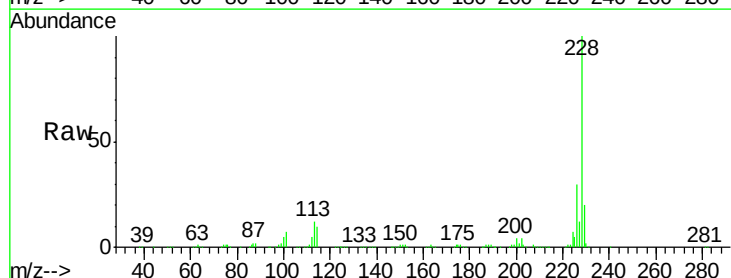
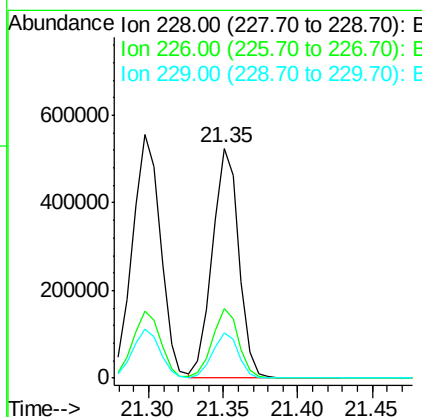
RT: 21.35 min Scan# 3105

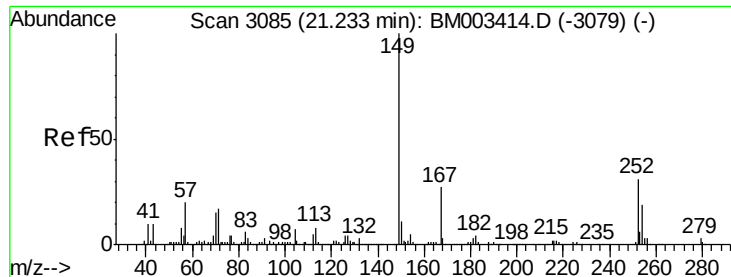
Delta R.T. -0.01 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	228	Resp:	648228
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.1	36.1
229	19.7	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.62 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM003434.D

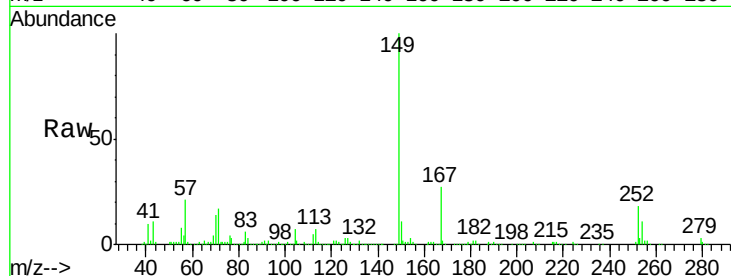
Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

ClientSampleId :

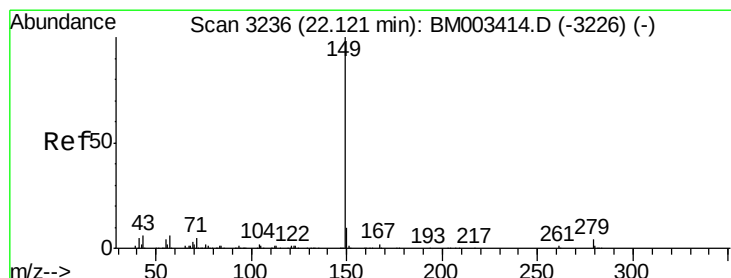
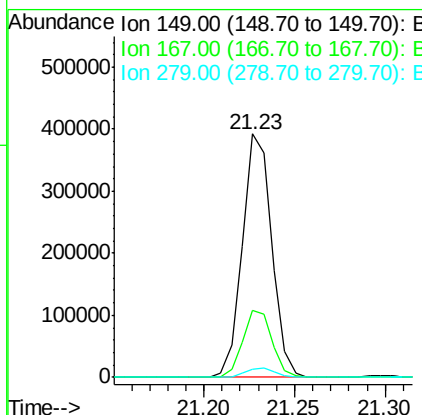
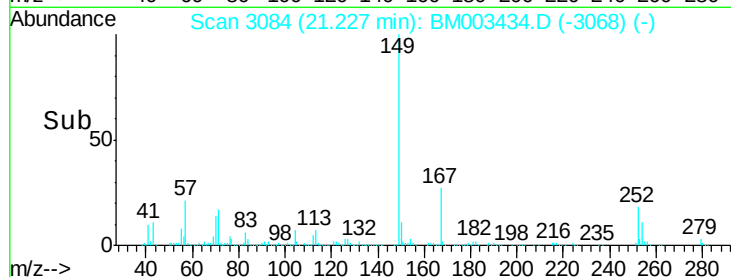
PB87152BS



Tgt Ion:	149	Resp:	441203
Ion Ratio	Lower	Upper	
149	100		
167	27.5	22.4	33.6
279	3.4	3.4	5.0

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#84

Di-n-octyl phthalate

Concen: 45.23 ng

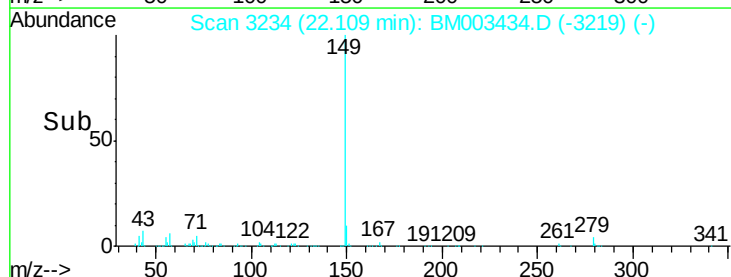
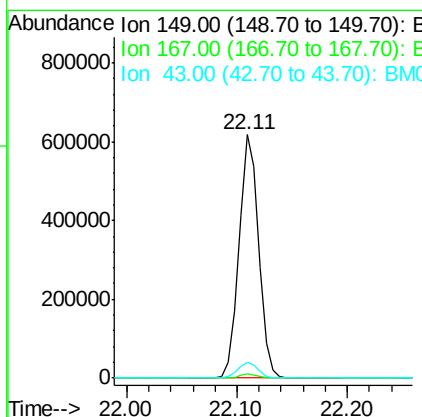
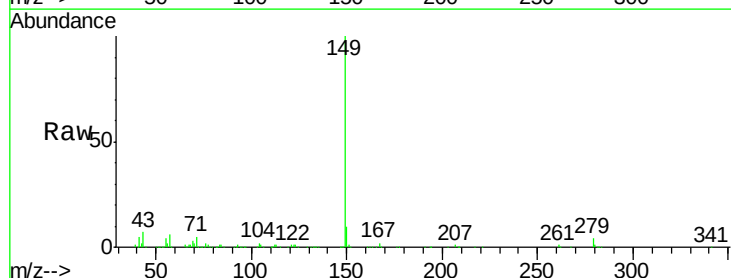
RT: 22.11 min Scan# 3234

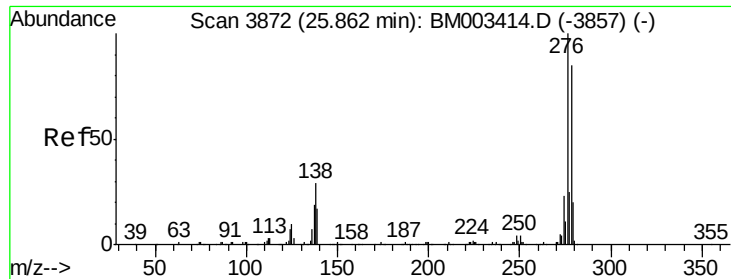
Delta R.T. -0.01 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	149	Resp:	773584
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	6.6	7.3	10.9#





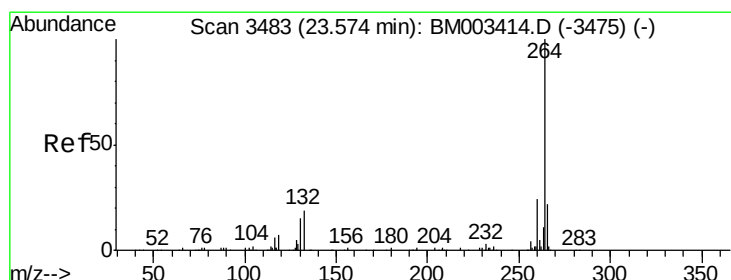
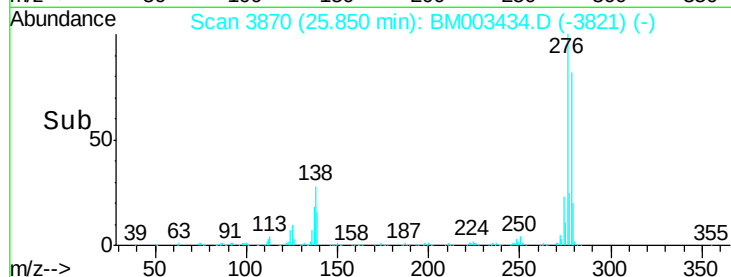
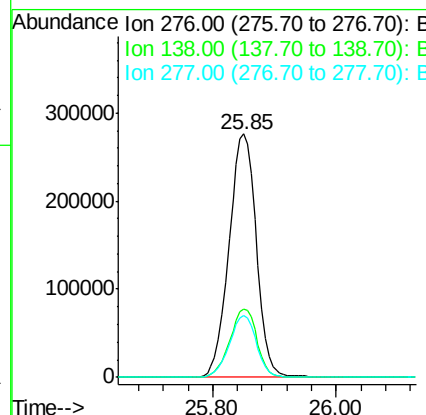
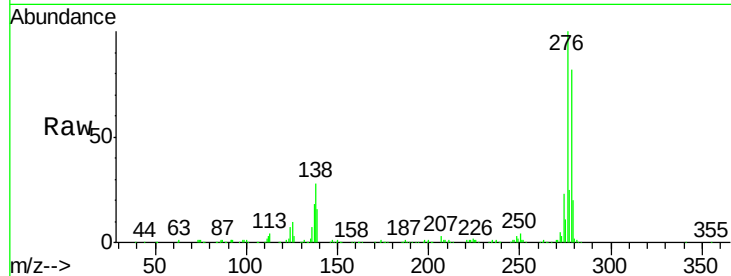
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.09 ng
 RT: 25.85 min Scan# 3870
 Delta R.T. -0.01 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Instrument :
 BNA_M
 ClientSampleId :
 PB87152BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	28.0	0.0	0.0#
277	25.1	0.0	0.0#

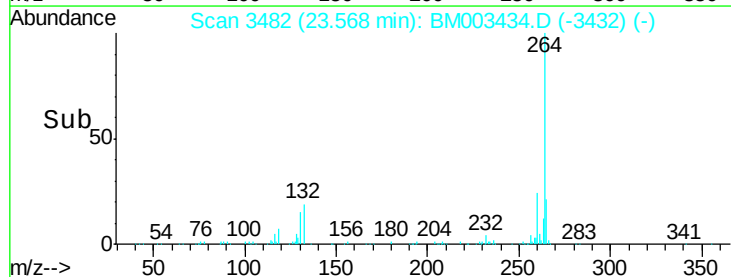
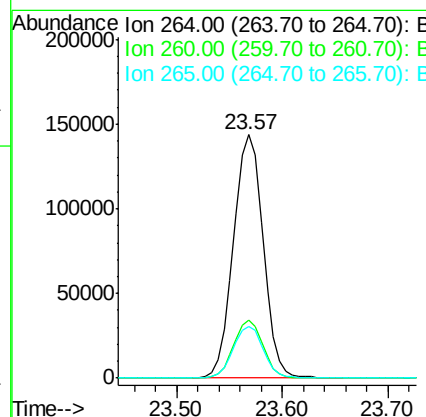
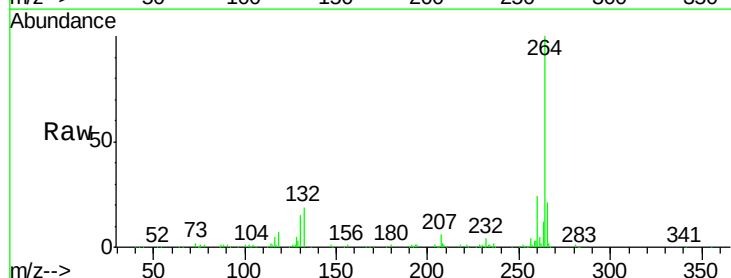
Manual Integrations
 APPROVED

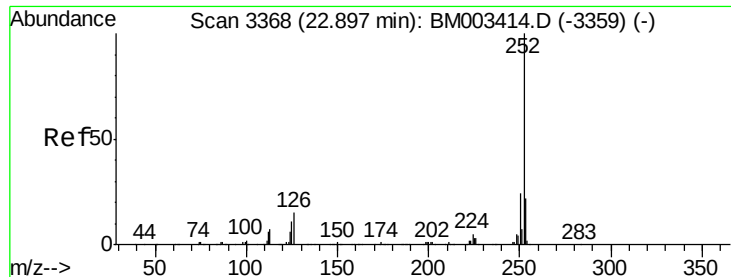
MMdadoda
 12/10/2015 5:48:34 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.57 min Scan# 3482
 Delta R.T. -0.01 min
 Lab File: BM003434.D
 Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.0	18.6	27.8
265	21.2	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 42.76 ng

RT: 22.89 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

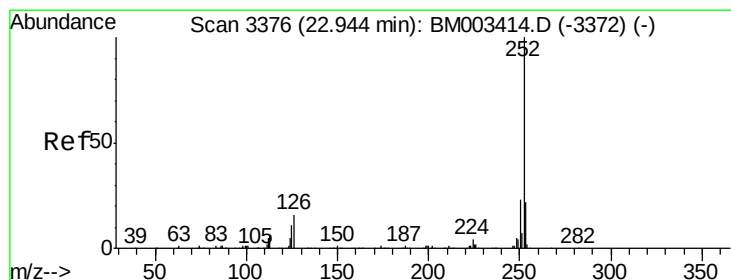
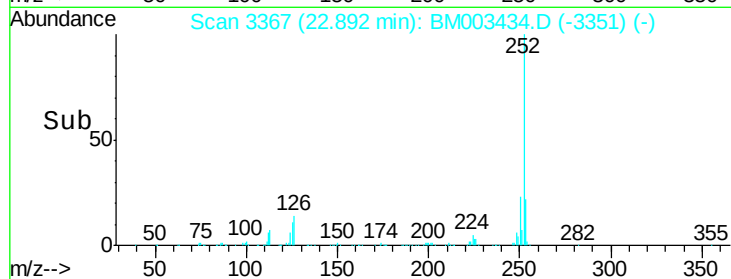
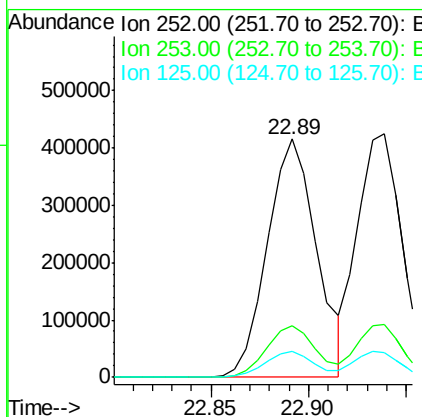
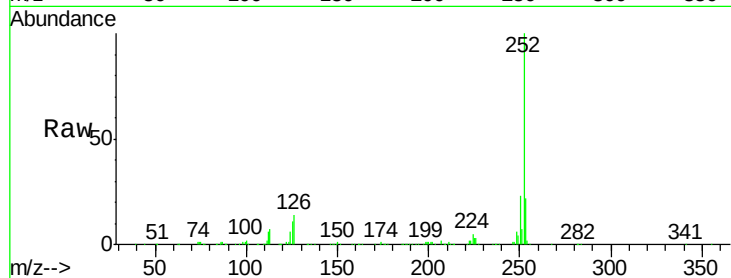
ClientSampleId :

PB87152BS

Tgt Ion:	252	Resp:	728003
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	10.9	9.9	14.9

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#88

Benzo(k)fluoranthene

Concen: 40.56 ng

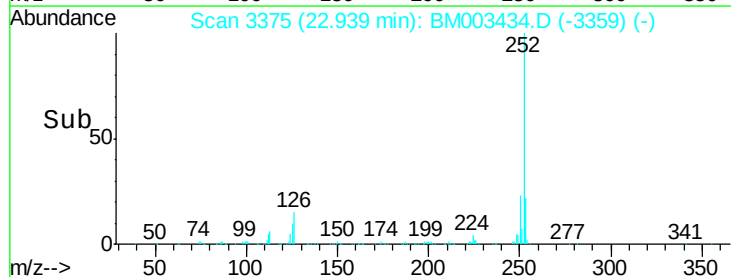
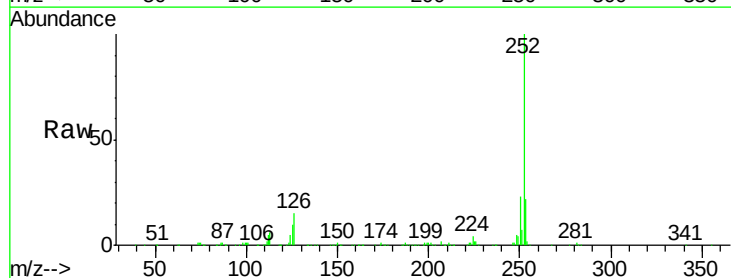
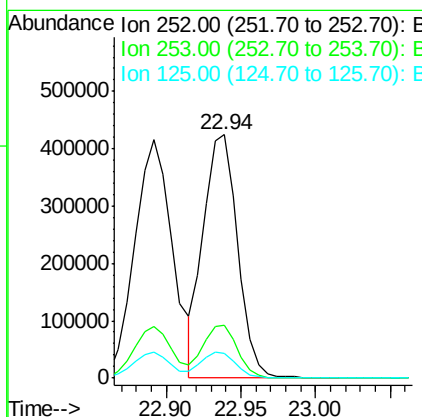
RT: 22.94 min Scan# 3375

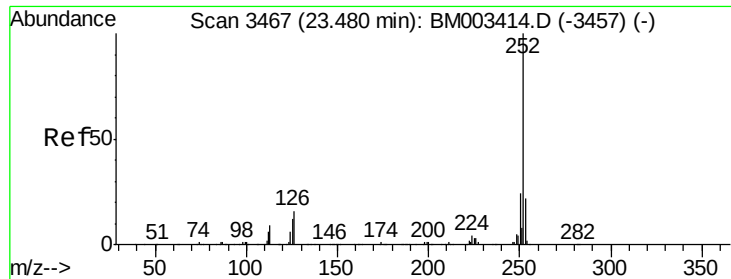
Delta R.T. -0.01 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Tgt Ion:	252	Resp:	674230
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.2	25.8
125	10.2	8.1	12.1





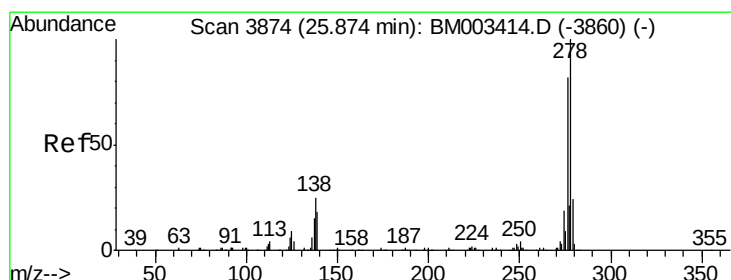
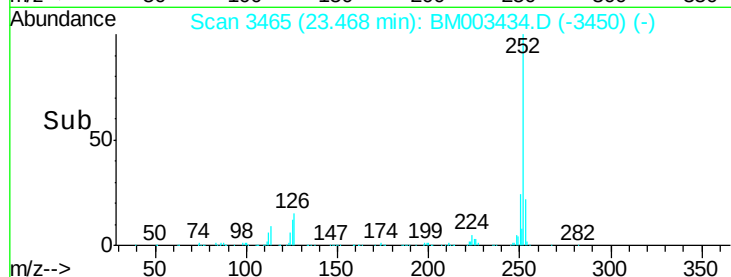
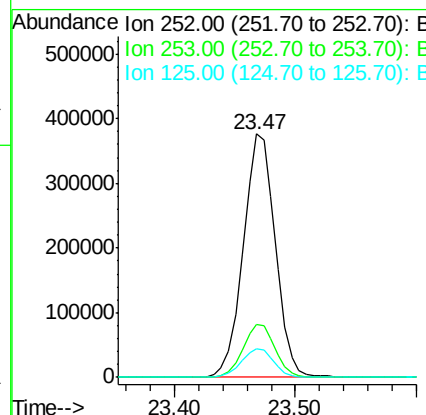
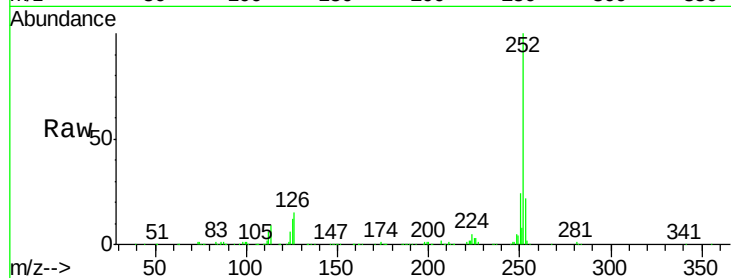
#89
Benzo(a)pyrene
Concen: 43.49 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Instrument :
BNA_M
ClientSampleId :
PB87152BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	696488		
253	21.8	17.6	26.4	
125	11.8	7.4	11.2	

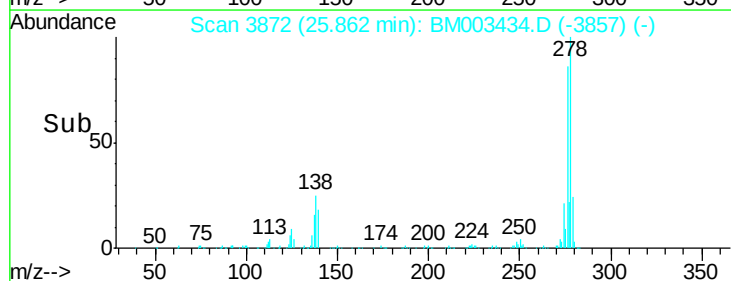
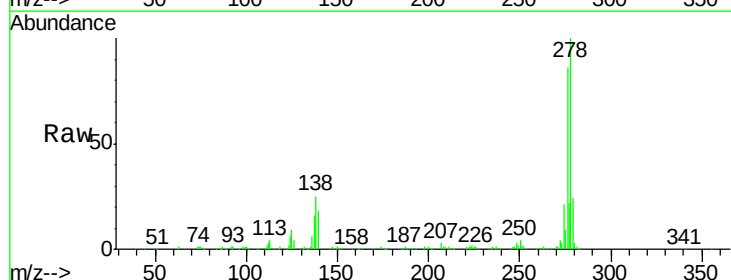
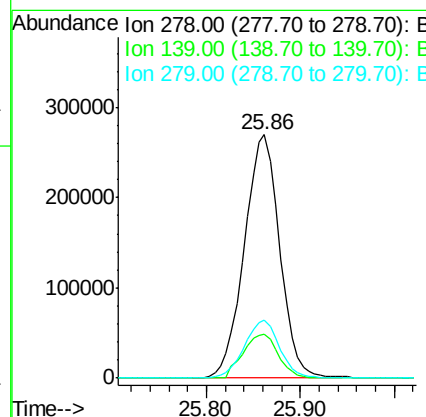
Manual Integrations
APPROVED

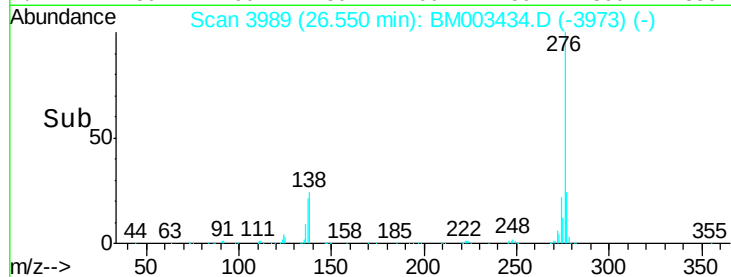
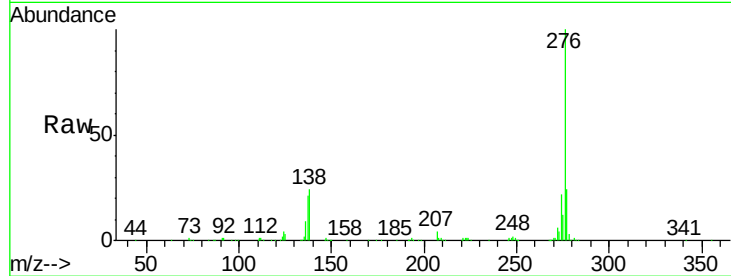
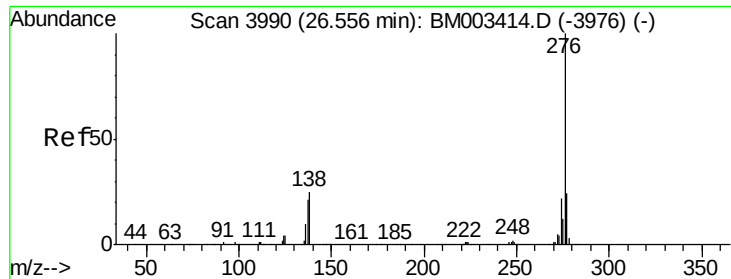
MMdadoda
12/10/2015 5:48:34 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.06 ng
RT: 25.86 min Scan# 3872
Delta R.T. -0.01 min
Lab File: BM003434.D
Acq: 10 Dec 2015 04:06

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	704615		
139	18.0	13.4	20.0	
279	23.7	19.0	28.4	





#91

Benzo(g,h,i)perylene

Concen: 45.67 ng

RT: 26.55 min Scan# 3989

Delta R.T. -0.01 min

Lab File: BM003434.D

Acq: 10 Dec 2015 04:06

Instrument :

BNA_M

ClientSampleId :

PB87152BS

Tgt Ion:	276	Resp:	721436
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.5	27.7
138	24.2	19.0	28.6

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM

