

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077253.D
 Acq On : 11 Feb 2015 14:40
 Operator : TP/IZ
 Sample : PB81706BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleID :
 PB81706BS

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:12:07 PM

Quant Time: Feb 12 01:32:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	60617	40.00	ng	-0.06
21) Naphthalene-d8	10.45	136	268422m	40.00	ng	-0.05
38) Acenaphthene-d10	14.58	164	132178	40.00	ng	-0.05
63) Phenanthrene-d10	17.47	188	230680	40.00	ng	-0.03
75) Chrysene-d12	20.99	240	204787	40.00	ng	-0.02
86) Perylene-d12	22.64	264	182216	40.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.56	112	219698	119.18	ng	-0.03
7) Phenol-d6	6.98	99	282998	121.70	ng	-0.03
23) Nitrobenzene-d5	8.85	82	181841	75.06	ng	-0.05
41) 2,4,6-Tribromophenol	16.34	330	65518	122.13	ng	-0.03
44) 2-Fluorobiphenyl	13.12	172	373884	86.09	ng	-0.05
78) Terphenyl-d14	19.72	244	346201	77.84	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.05	88	22138	28.05	ng	# 80
3) Pyridine	1.47	79	63337	31.01	ng	92
4) n-Nitrosodimethylamine	1.44	42	40041	39.58	ng	99
6) Aniline	6.84	93	31211	9.70	ng	92
8) 2-Chlorophenol	7.07	128	81080	38.15	ng	96
10) Phenol	7.00	94	89085	36.08	ng	96
11) bis(2-Chloroethyl)ether	7.09	93	74556	38.59	ng	# 77
12) 1,3-Dichlorobenzene	7.38	146	86205	35.65	ng	96
13) 1,4-Dichlorobenzene	7.58	146	87407	34.09	ng	95
14) 1,2-Dichlorobenzene	7.89	146	82900	35.09	ng	98
15) Benzyl Alcohol	8.01	79	72595	38.58	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.35	45	99996	38.50	ng	# 70
17) 2-Methylphenol	8.36	107	65522m	37.73	ng	
18) Hexachloroethane	8.64	117	33122	37.14	ng	94
19) n-Nitroso-di-n-propylamine	8.64	70	60983	37.46	ng	99
20) 3+4-Methylphenols	8.75	107	85674m	37.26	ng	
22) Acetophenone	8.54	105	118709	36.11	ng	100
24) Nitrobenzene	8.90	77	86909	35.22	ng	98
25) Isophorone	9.50	82	161445	36.59	ng	98
26) 2-Nitrophenol	9.64	139	41274	34.99	ng	# 89
27) 2,4-Dimethylphenol	9.94	122	74071	38.81	ng	94
28) bis(2-Chloroethoxy)methane	10.13	93	100184	39.95	ng	98
29) 2,4-Dichlorophenol	10.26	162	67513m	37.96	ng	
30) 1,2,4-Trichlorobenzene	10.37	180	69680	35.27	ng	94
31) Naphthalene	10.50	128	241731	34.98	ng	98
32) Benzoic acid	10.36	122	22080m	20.88	ng	
33) 4-Chloroaniline	10.77	127	41241m	14.77	ng	
34) Hexachlorobutadiene	10.88	225	41389	35.31	ng	93
35) Caprolactam	11.63	113	20350m	38.86	ng	
36) 4-Chloro-3-methylphenol	12.09	107	71402	35.06	ng	99
37) 2-Methylnaphthalene	12.16	142	175745	37.24	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	68363	41.84	ng	98
40) Hexachlorocyclopentadiene	12.55	237	67145	81.12	ng	96
42) 2,4,6-Trichlorophenol	12.92	196	44071	37.02	ng	99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021115\
 Data File : BF077253.D
 Acq On : 11 Feb 2015 14:40
 Operator : TP/IZ
 Sample : PB81706BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Manual Integrations
 APPROVED

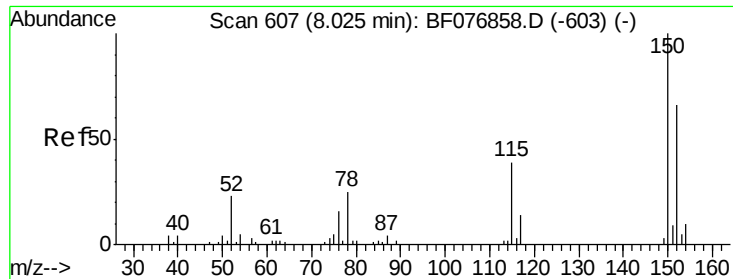
apatel
 2/12/2015 4:12:07 PM

Quant Time: Feb 12 01:32:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	13.03	196	43474m	35.80	ng	
45) 1,1'-Biphenyl	13.31	154	207558	42.36	ng	99
46) 2-Chloronaphthalene	13.29	162	161054	39.95	ng	98
47) 2-Nitroaniline	13.64	65	51088	41.77	ng	93
48) Acenaphthylene	14.23	152	266103	39.13	ng	99
49) Dimethylphthalate	14.20	163	196666	41.96	ng	# 99
50) 2,6-Dinitrotoluene	14.29	165	41226	44.03	ng	96
51) Acenaphthene	14.65	154	149809	38.83	ng	96
52) 3-Nitroaniline	14.65	138	19900	19.29	ng	99
53) 2,4-Dinitrophenol	14.93	184	26011	74.00	ng	93
54) Dibenzofuran	15.08	168	232849	41.43	ng	99
55) 4-Nitrophenol	15.28	139	45619	62.09	ng	87
56) 2,4-Dinitrotoluene	15.23	165	55163	41.79	ng	92
57) Fluorene	15.85	166	185490	38.95	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.45	232	29698	33.59	ng	# 93
59) Diethylphthalate	15.87	149	204726	43.22	ng	98
60) 4-Chlorophenyl-phenylether	15.95	204	84550	43.40	ng	96
61) 4-Nitroaniline	16.03	138	34686	31.37	ng	98
62) Azobenzene	16.26	77	189440m	38.38	ng	
64) 4,6-Dinitro-2-methylphenol	16.10	198	23195	35.75	ng	# 70
65) n-Nitrosodiphenylamine	16.21	169	160386	39.00	ng	97
66) 4-Bromophenyl-phenylether	16.83	248	47094	40.30	ng	94
67) Hexachlorobenzene	16.85	284	47926	38.92	ng	# 89
68) Atrazine	17.23	200	49618	39.76	ng	97
69) Pentachlorophenol	17.23	266	27497	58.30	ng	96
70) Phenanthrene	17.51	178	268643	37.35	ng	98
71) Anthracene	17.59	178	267342	38.11	ng	99
72) Carbazole	17.88	167	245589	36.10	ng	99
73) Di-n-butylphthalate	18.49	149	315004	40.00	ng	99
74) Fluoranthene	19.16	202	263998	35.82	ng	98
76) Benzidine	19.41	184	80479	24.56	ng	99
77) Pyrene	19.45	202	273463	38.97	ng	99
79) Butylbenzylphthalate	20.40	149	129300	40.68	ng	97
80) Benzo(a)anthracene	20.98	228	247250	38.49	ng	99
81) 3,3'-Dichlorobenzidine	20.99	252	38185	18.70	ng	98
82) Chrysene	21.01	228	206429	35.24	ng	98
83) Bis(2-ethylhexyl)phthalate	21.14	149	176950	40.24	ng	99
84) Di-n-octyl phthalate	21.91	149	315534	41.35	ng	98
85) Indeno(1,2,3-cd)pyrene	23.76	276	219287m	35.32	ng	
87) Benzo(b)fluoranthene	22.23	252	213452m	34.79	ng	
88) Benzo(k)fluoranthene	22.26	252	206652m	38.55	ng	
89) Benzo(a)pyrene	22.58	252	202719	37.45	ng	99
90) Dibenzo(a,h)anthracene	23.78	278	179990m	36.24	ng	
91) Benzo(g,h,i)perylene	24.02	276	180916m	36.64	ng	

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



#1

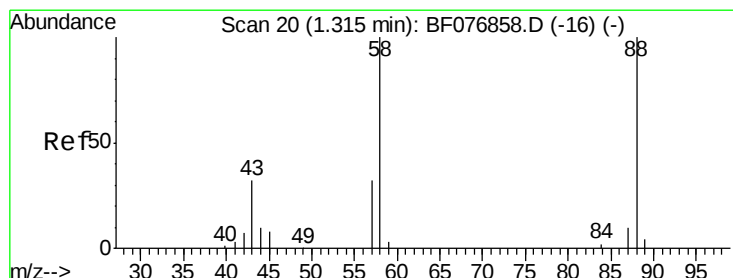
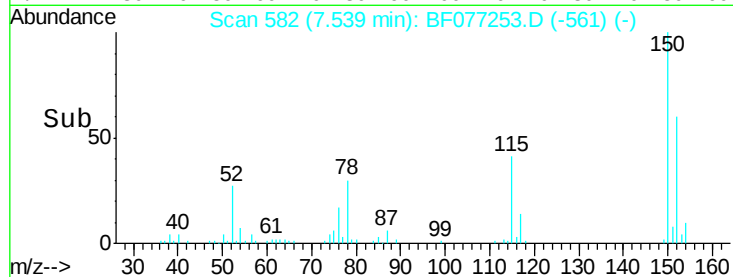
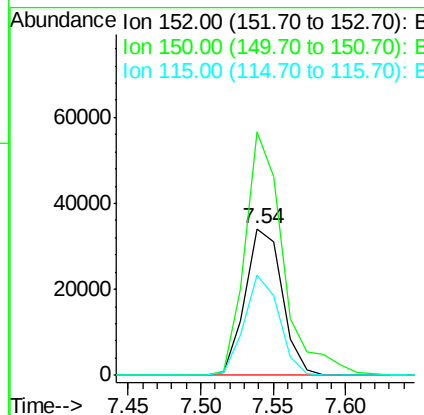
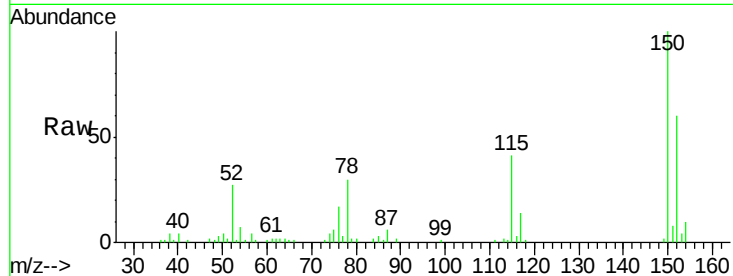
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.06 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleId :
PB81706BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	165.8	121.7	182.5
115	68.2	47.0	70.6

Manual Integrations
APPROVED

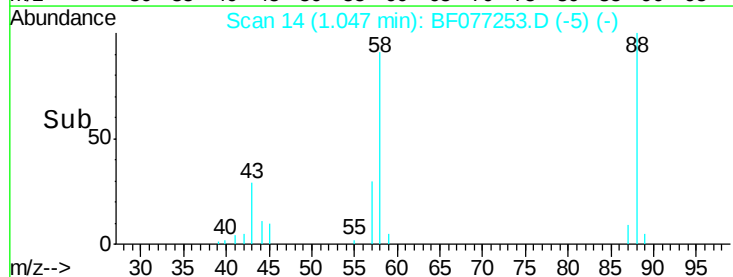
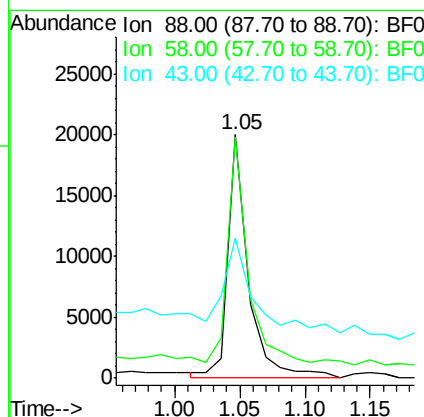
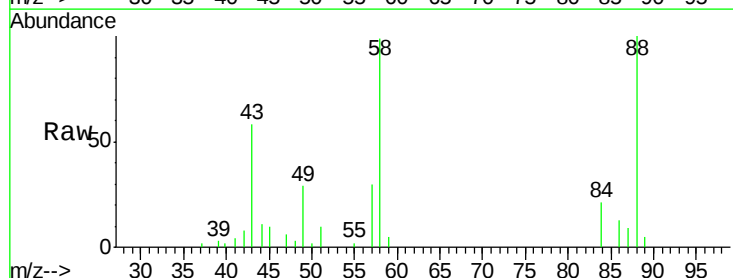
apatel
2/12/2015 4:12:07 PM

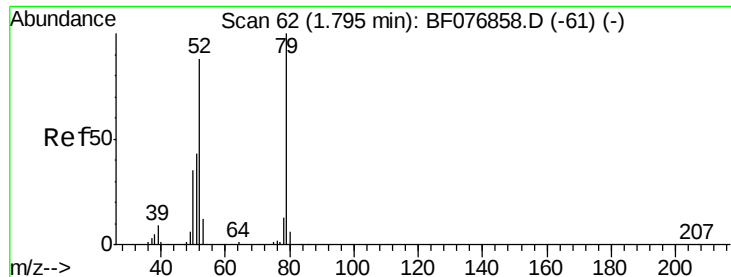


#2

1,4-Dioxane
Concen: 28.05 ng
RT: 1.05 min Scan# 14
Delta R.T. 0.00 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.0	77.0	115.4
43	77.2	25.6	38.4#





#3

Pyridine

Concen: 31.01 ng

RT: 1.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

ClientSampleId :

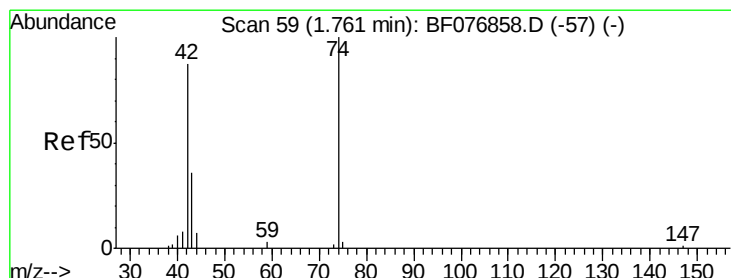
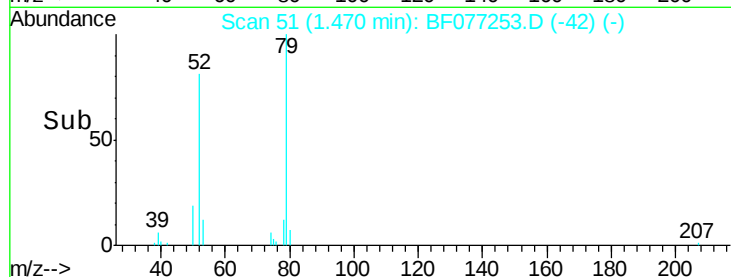
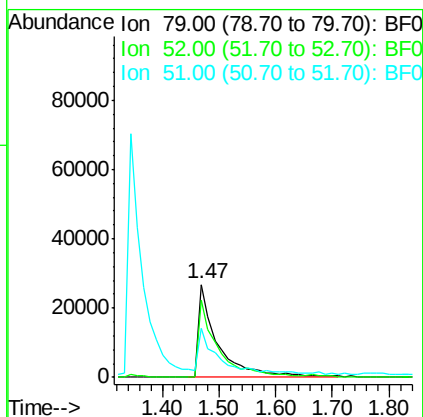
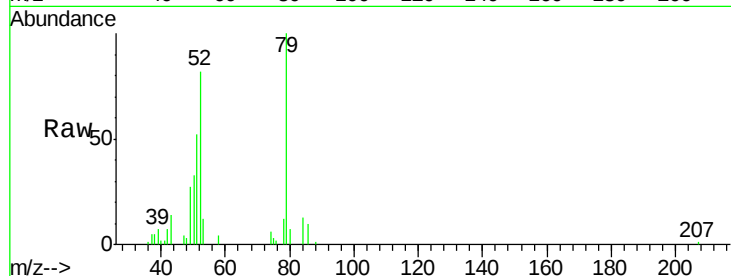
PB81706BS

Manual Integrations
APPROVED

apatel

2/12/2015 4:12:07 PM

Tgt Ion:	79	Resp:	63337
Ion Ratio	Lower	Upper	
79	100		
52	82.4	70.1	105.1
51	52.0	35.1	52.7



#4

n-Nitrosodimethylamine

Concen: 39.58 ng

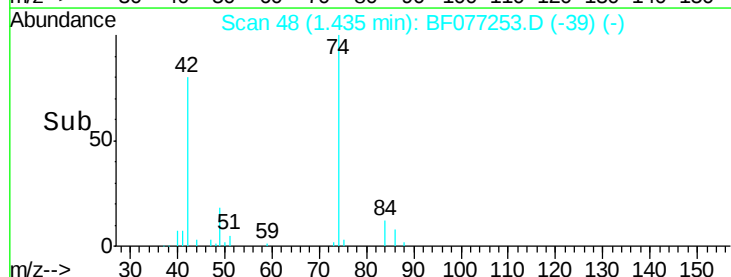
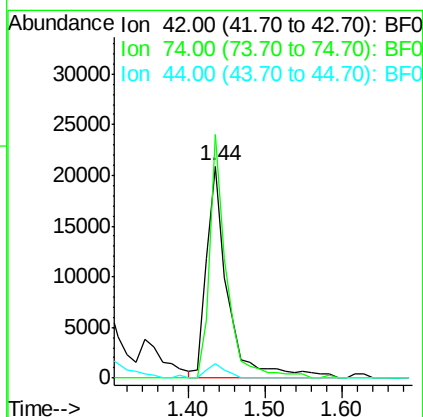
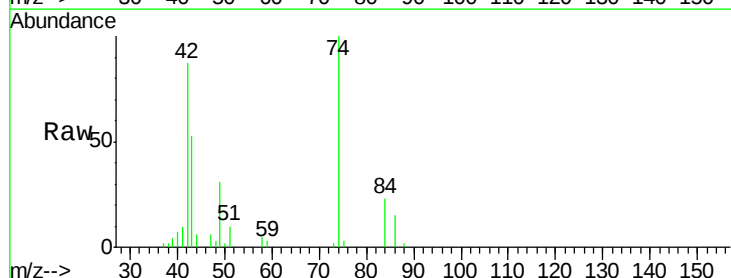
RT: 1.44 min Scan# 48

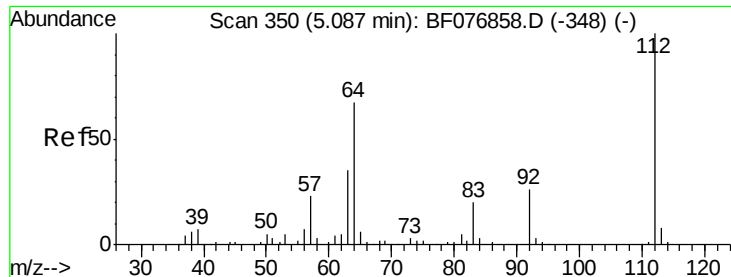
Delta R.T. 0.00 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Tgt Ion:	42	Resp:	40041
Ion Ratio	Lower	Upper	
42	100		
74	115.0	92.4	138.6
44	6.6	6.2	9.2





#5

2-Fluorophenol

Concen: 119.18 ng

RT: 4.56 min Scan# 321

Delta R.T. -0.03 min

Lab File: BF077253.D

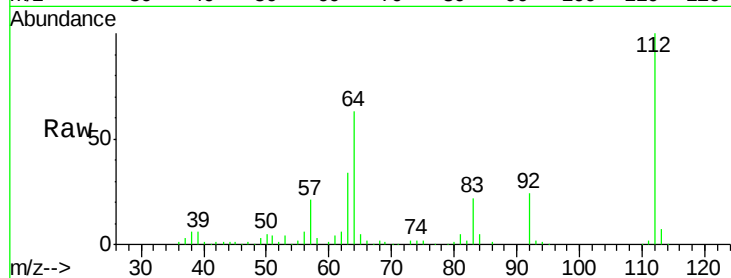
Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

ClientSampleId :

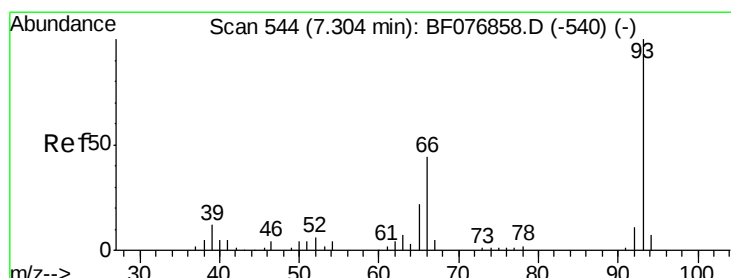
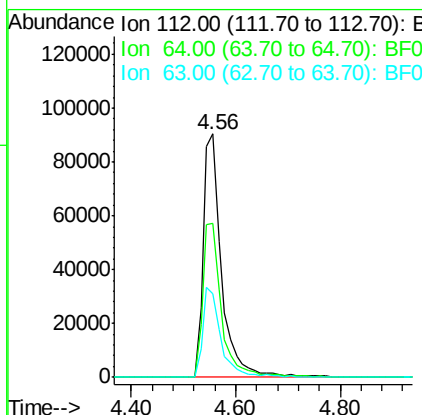
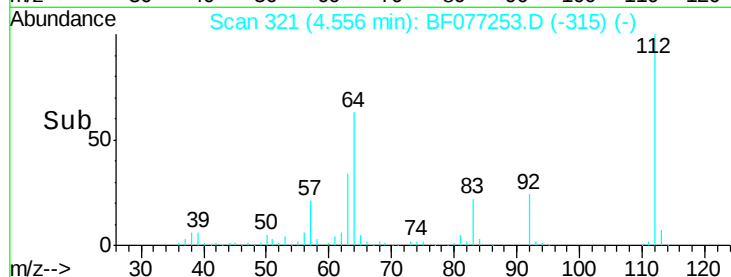
PB81706BS



Tgt Ion:	112	Resp:	219698
Ion Ratio	Lower	Upper	
112	100		
64	63.3	54.2	81.4
63	34.2	28.4	42.6

Manual Integrations
APPROVED

apatel
2/12/2015 4:12:07 PM



#6

Aniline

Concen: 9.70 ng

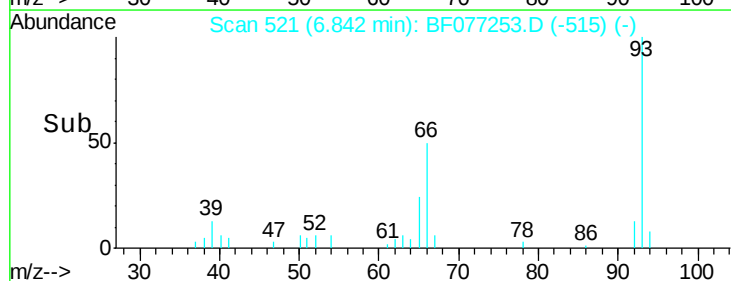
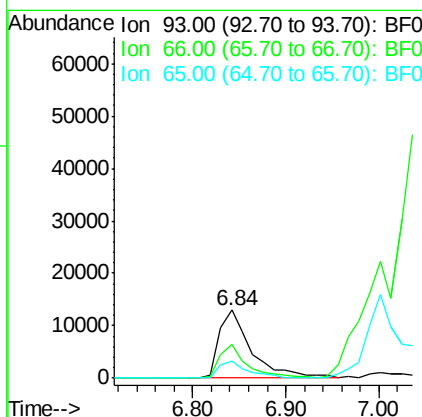
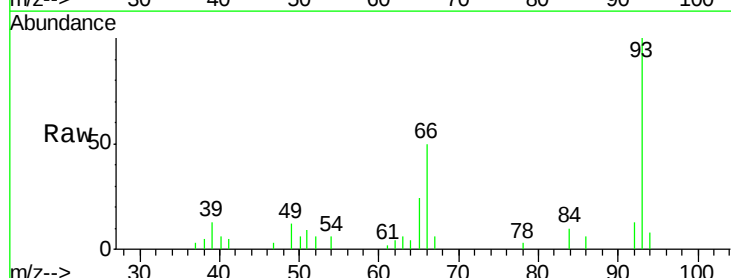
RT: 6.84 min Scan# 521

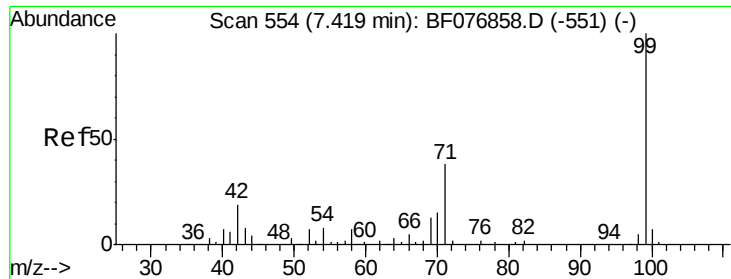
Delta R.T. -0.03 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Tgt Ion:	93	Resp:	31211
Ion Ratio	Lower	Upper	
93	100		
66	49.6	35.0	52.4
65	24.5	17.7	26.5





#7

Phenol-d6

Concen: 121.70 ng

RT: 6.98 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

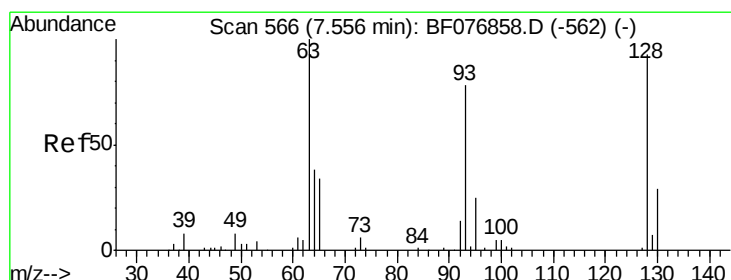
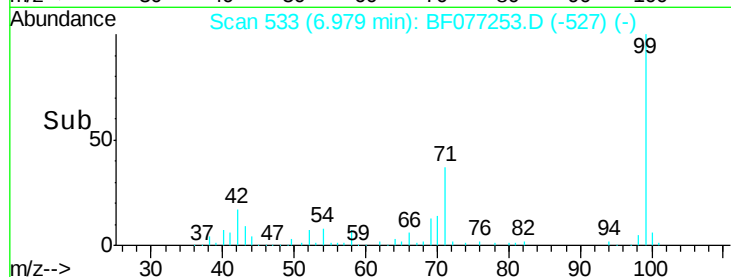
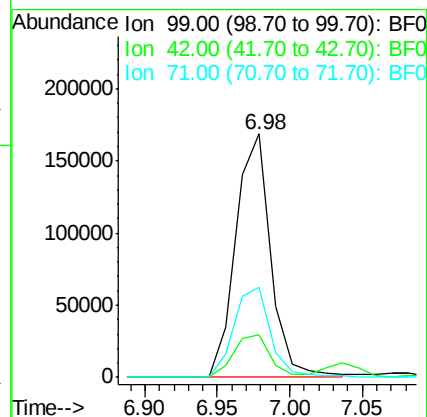
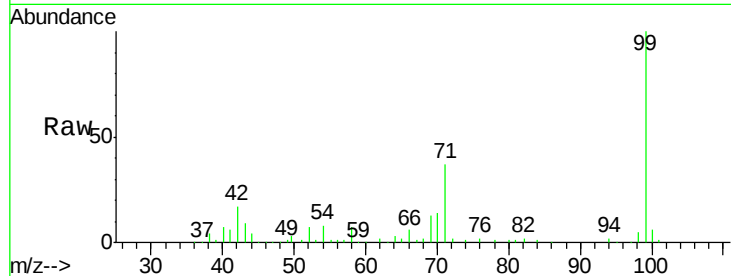
ClientSampleId :

PB81706BS

Tgt Ion:	99	Resp:	282998
Ion Ratio	Lower	Upper	
99	100		
42	17.5	15.0	22.4
71	36.7	30.5	45.7

Manual Integrations
APPROVED

apatel
2/12/2015 4:12:07 PM



#8

2-Chlorophenol

Concen: 38.15 ng

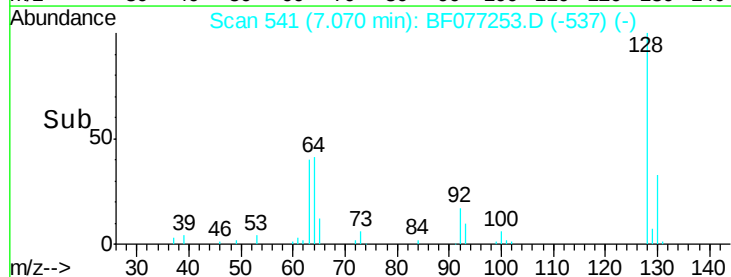
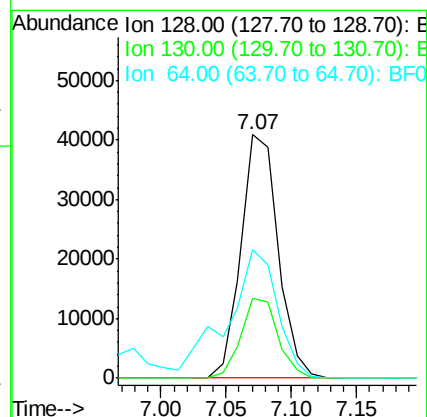
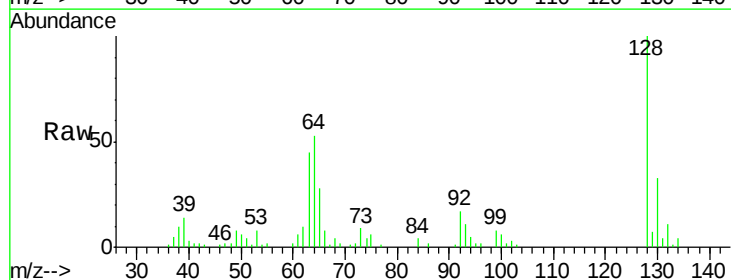
RT: 7.07 min Scan# 541

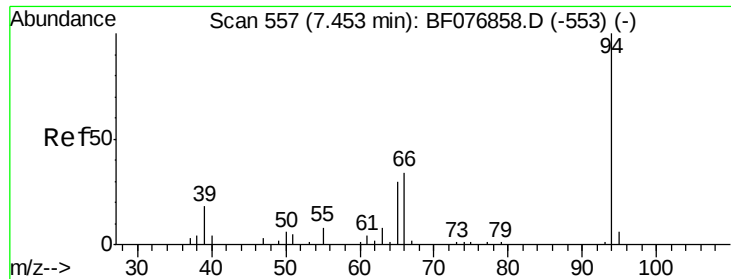
Delta R.T. -0.06 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Tgt Ion:	128	Resp:	81080
Ion Ratio	Lower	Upper	
128	100		
130	33.0	11.0	51.0
64	52.6	29.3	69.3





#10

Phenol

Concen: 36.08 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.03 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

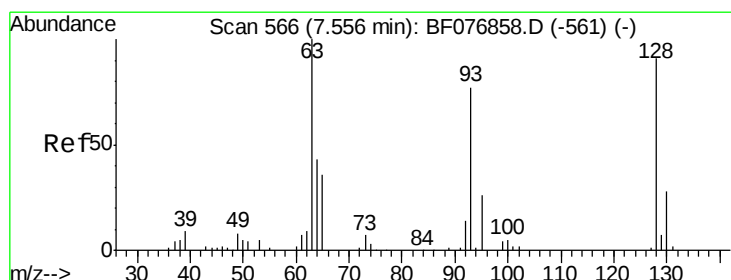
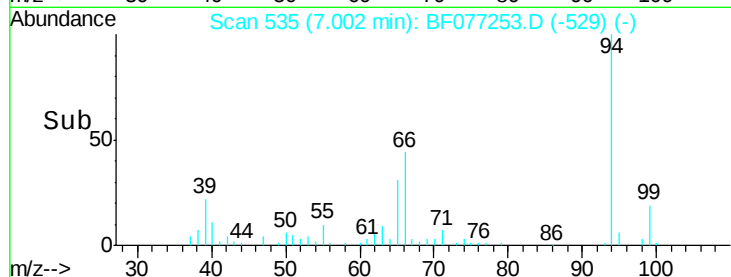
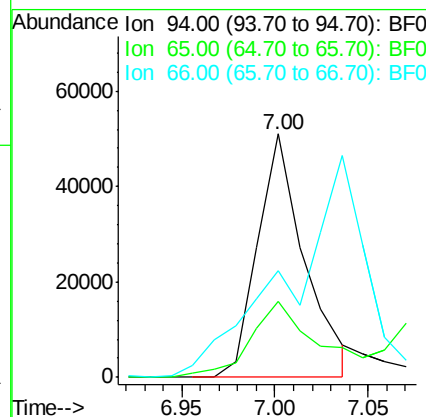
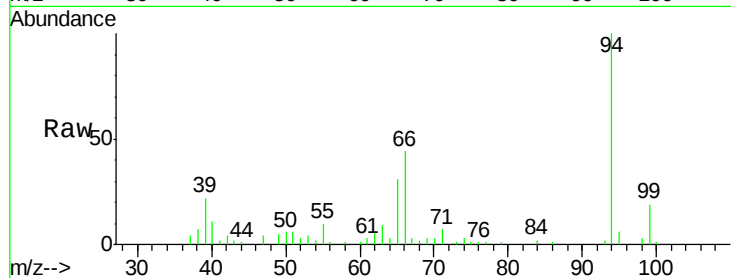
ClientSampleId :

PB81706BS

Tgt Ion:	94	Resp:	89085
Ion Ratio	Lower	Upper	
94	100		
65	31.3	11.3	51.3
66	43.7	19.5	59.5

Manual Integrations
APPROVED

apatel
2/12/2015 4:12:07 PM



#11

bis(2-Chloroethyl)ether

Concen: 38.59 ng

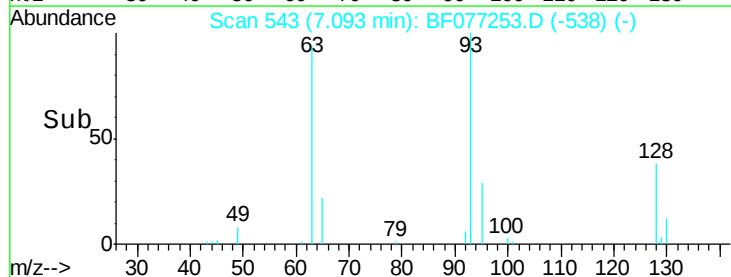
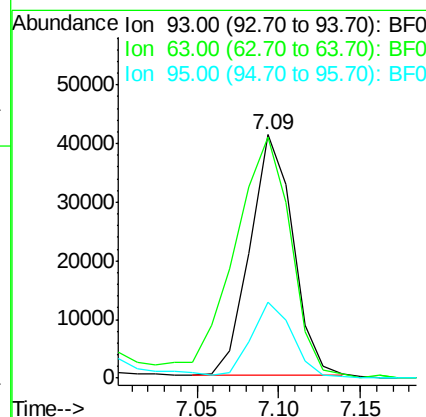
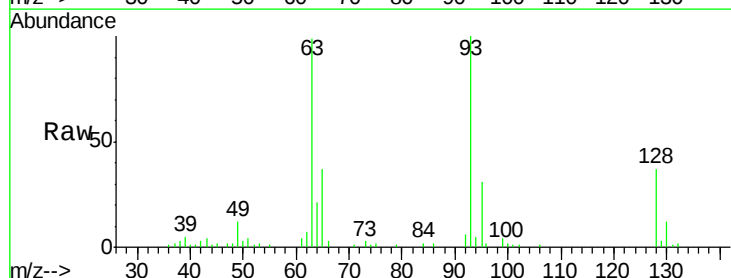
RT: 7.09 min Scan# 543

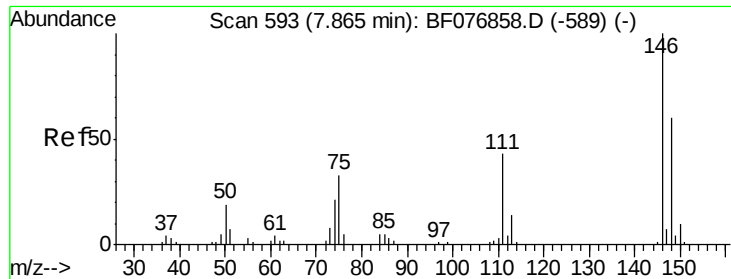
Delta R.T. -0.05 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Tgt Ion:	93	Resp:	74556
Ion Ratio	Lower	Upper	
93	100		
63	99.2	111.3	151.3#
95	31.2	13.8	53.8





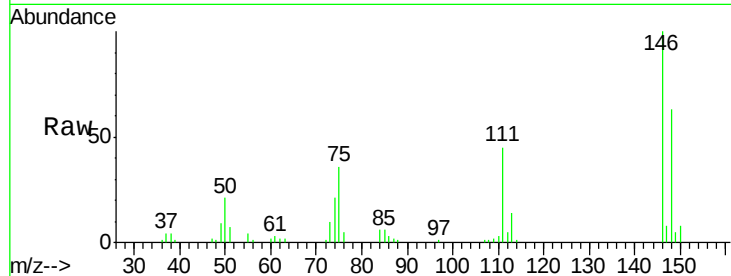
#12
 1,3-Dichlorobenzene
 Concen: 35.65 ng
 RT: 7.38 min Scan# 568
 Delta R.T. -0.06 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

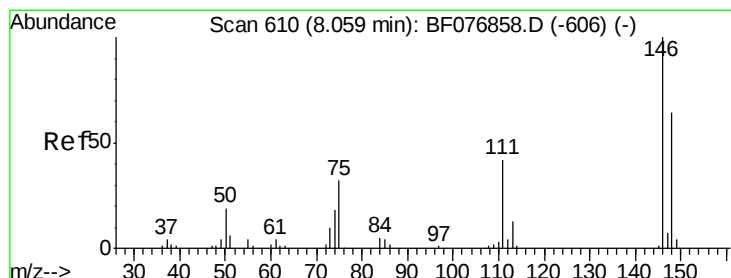
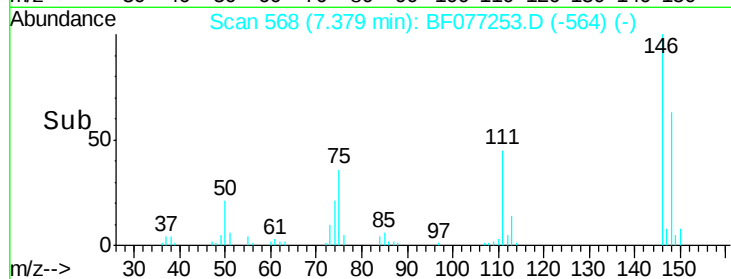
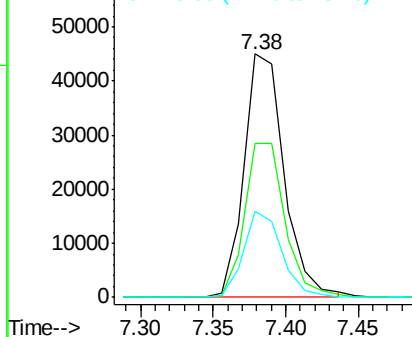
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	48.1	72.1
75	35.6	26.8	40.2

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:12:07 PM

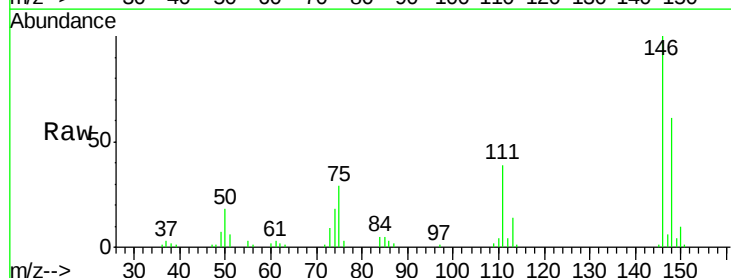


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

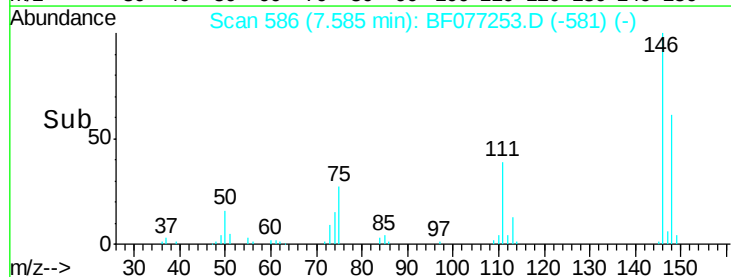
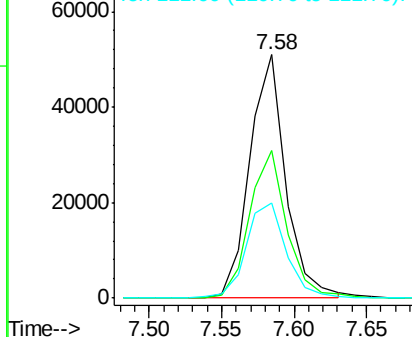


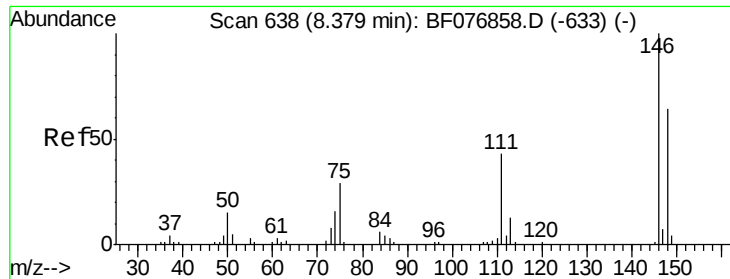
#13
 1,4-Dichlorobenzene
 Concen: 34.09 ng
 RT: 7.58 min Scan# 586
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	51.5	77.3
111	39.2	33.9	50.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





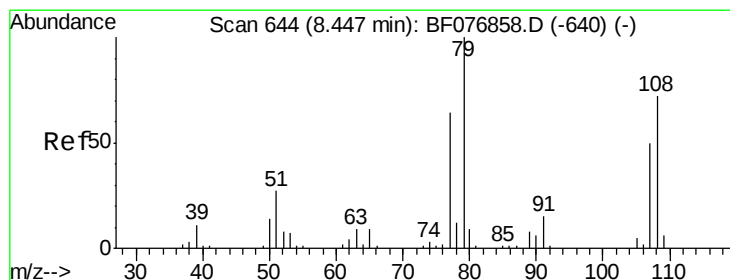
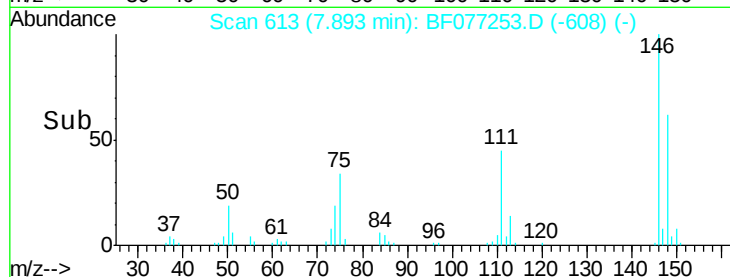
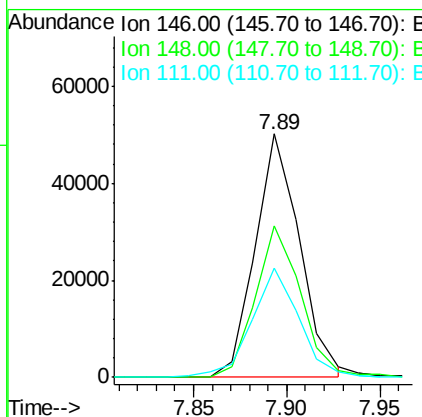
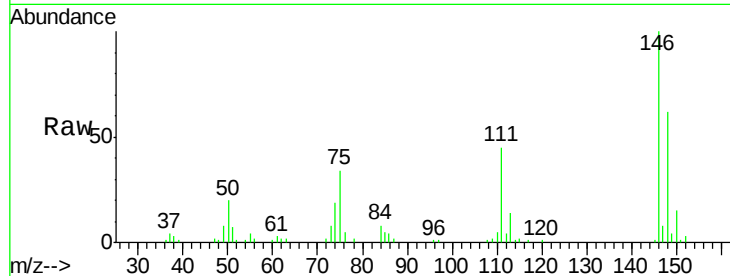
#14
1,2-Dichlorobenzene
Concen: 35.09 ng
RT: 7.89 min Scan# 613
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleId :
PB81706BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.3	76.9
111	44.8	34.5	51.7

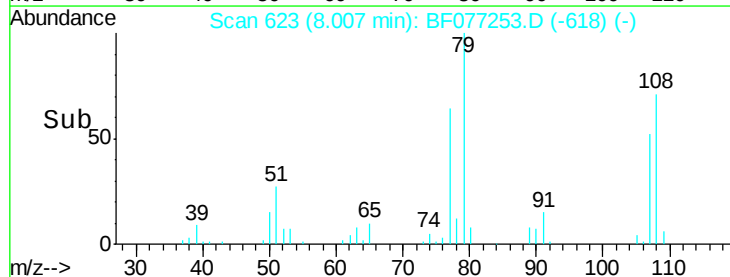
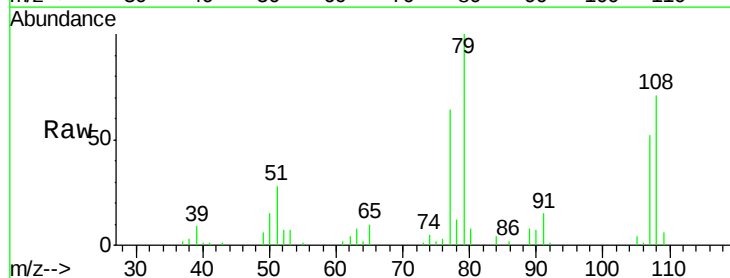
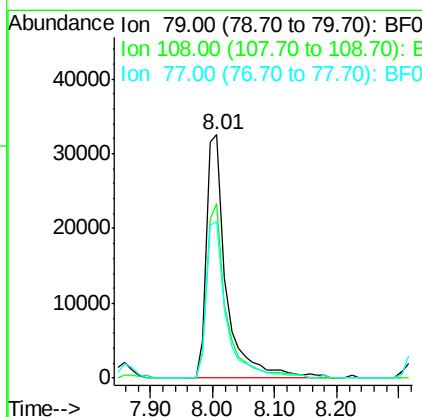
Manual Integrations
APPROVED

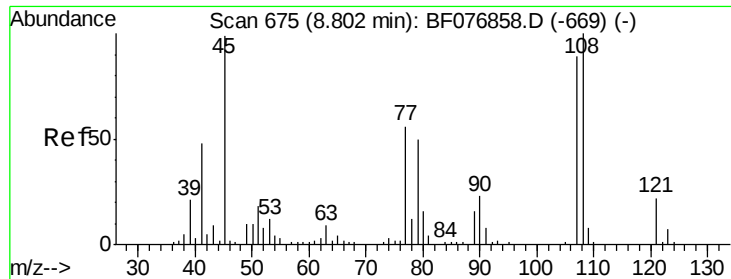
apatel
2/12/2015 4:12:07 PM



#15
Benzyl Alcohol
Concen: 38.58 ng
RT: 8.01 min Scan# 623
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Lower	Upper
79	100		
108	71.5	57.2	85.8
77	64.3	51.2	76.8





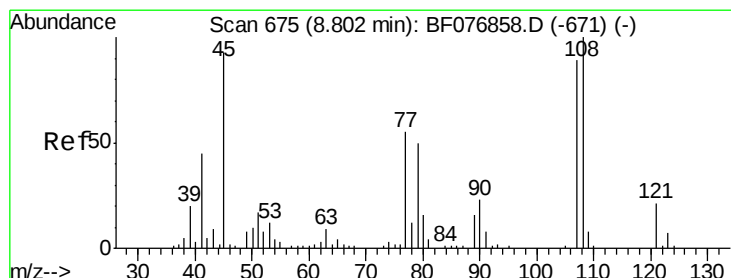
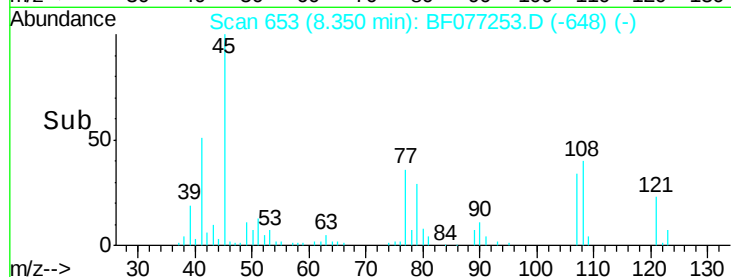
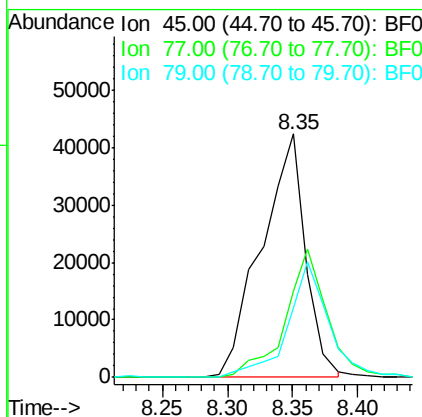
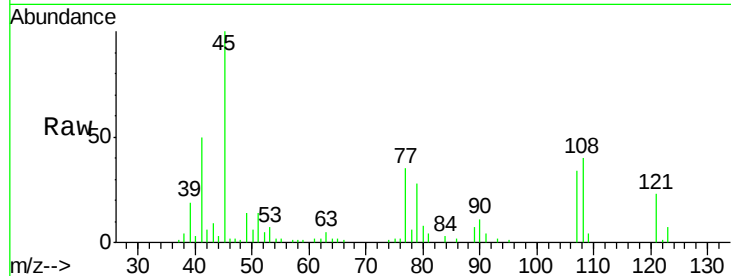
#16
2,2'-oxybis(1-chloropropane)
Concen: 38.50 ng
RT: 8.35 min Scan# 653
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampled :
PB81706BS

Tgt Ion: 45 Resp: 99996
Ion Ratio Lower Upper
45 100
77 35.3 36.1 76.1#
79 28.4 30.5 70.5#

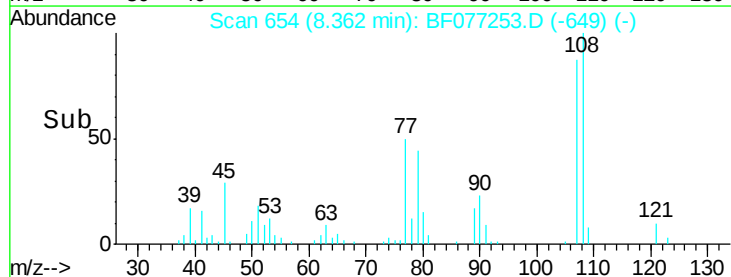
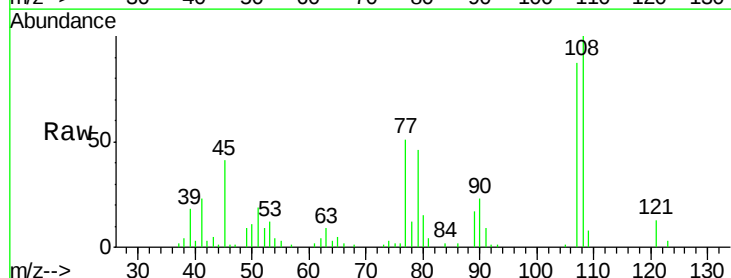
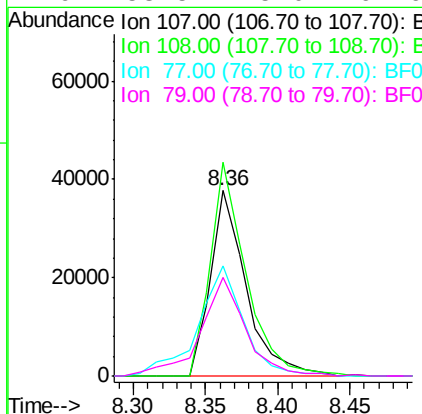
Manual Integrations
APPROVED

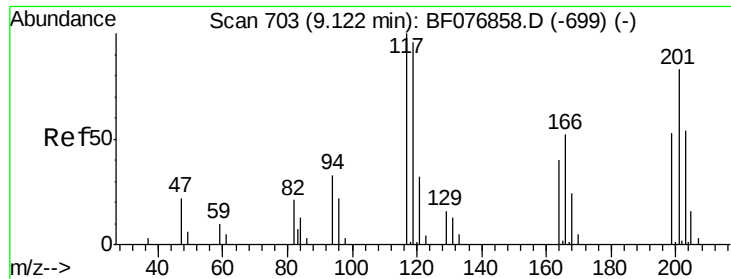
apatel
2/12/2015 4:12:07 PM



#17
2-Methylphenol
Concen: 37.73 ng m
RT: 8.36 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion: 107 Resp: 65522
Ion Ratio Lower Upper
107 100
108 115.4 89.7 134.5
77 59.4 50.1 75.1
79 53.5 45.0 67.6





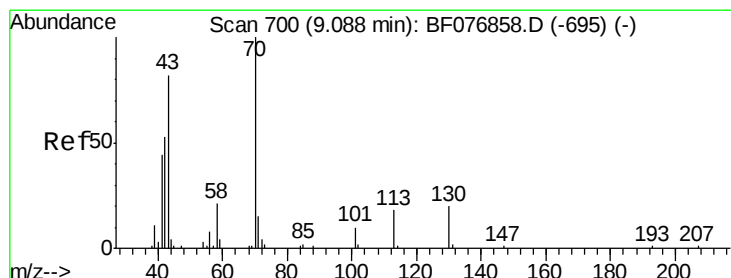
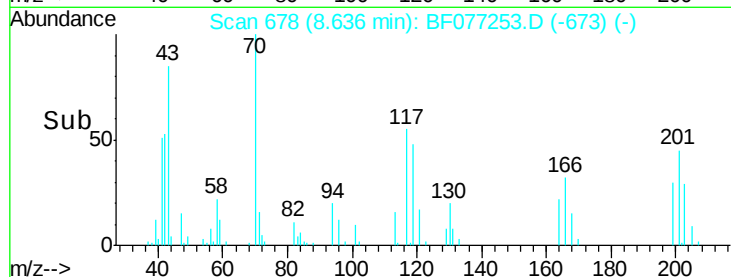
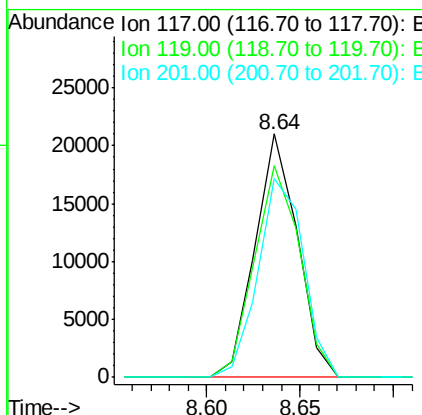
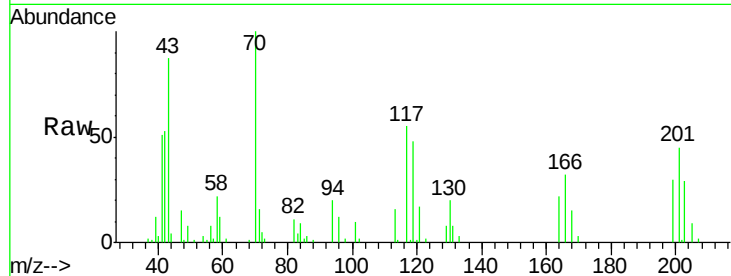
#18
Hexachloroethane
Concen: 37.14 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleId :
PB81706BS

Tgt Ion: 117 Resp: 33122
Ion Ratio Lower Upper
117 100
119 87.0 77.1 115.7
201 81.5 66.8 100.2

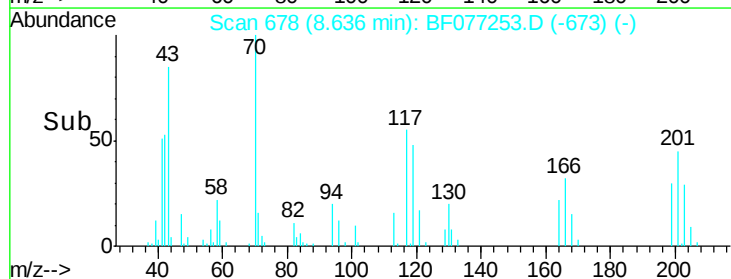
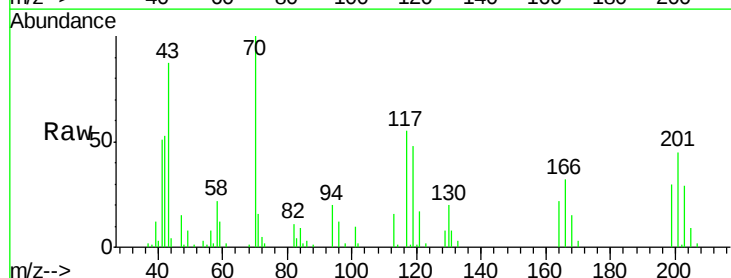
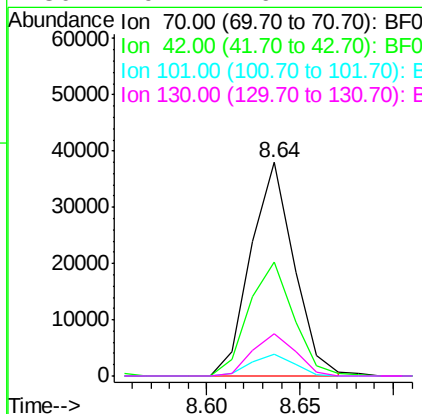
Manual Integrations
APPROVED

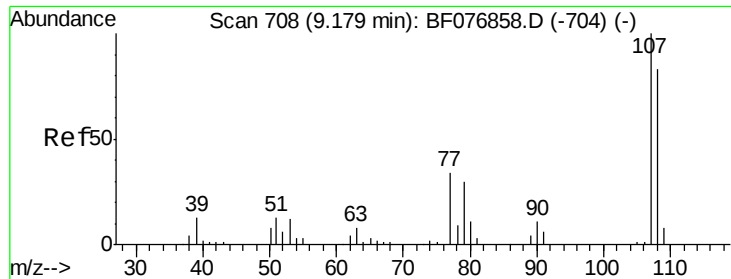
apatel
2/12/2015 4:12:07 PM



#19
n-Nitroso-di-n-propylamine
Concen: 37.46 ng
RT: 8.64 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

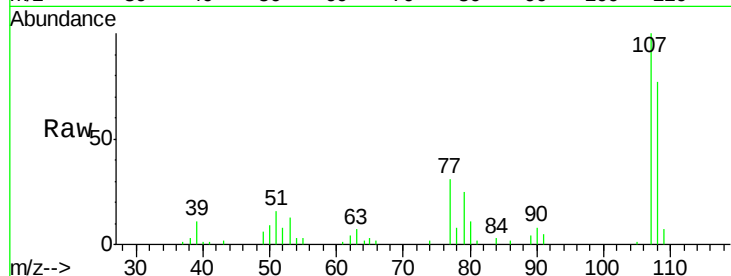
Tgt Ion: 70 Resp: 60983
Ion Ratio Lower Upper
70 100
42 53.5 42.1 63.1
101 10.3 7.8 11.8
130 19.7 16.2 24.4





#20
3+4-Methylphenols
Concen: 37.26 ng m
RT: 8.75 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

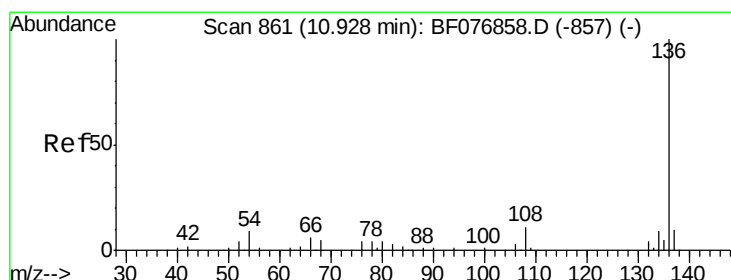
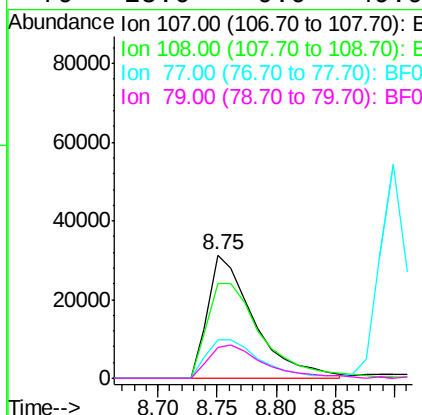
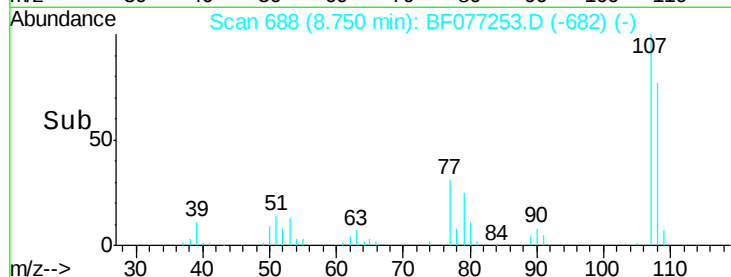
Instrument :
BNA_F
ClientSampleId :
PB81706BS



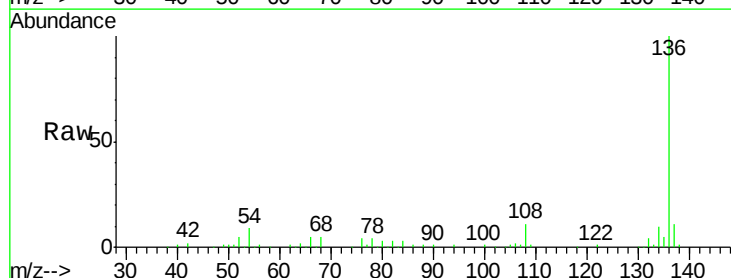
Tgt Ion:	107	Resp:	85674
Ion Ratio	Lower	Upper	
107	100		
108	77.3	63.5	103.5
77	31.4	14.0	54.0
79	25.0	9.9	49.9

Manual Integrations
APPROVED

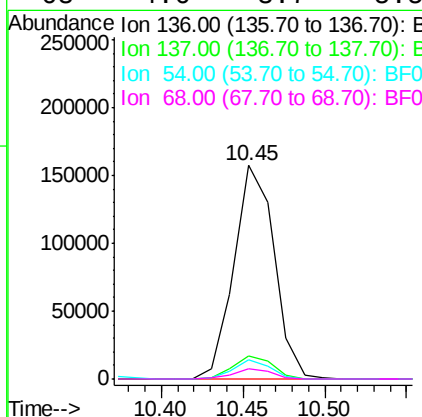
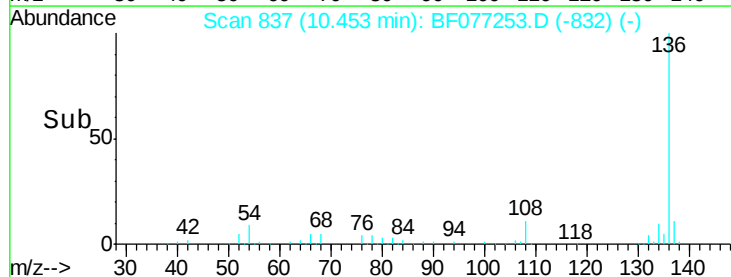
apatel
2/12/2015 4:12:07 PM

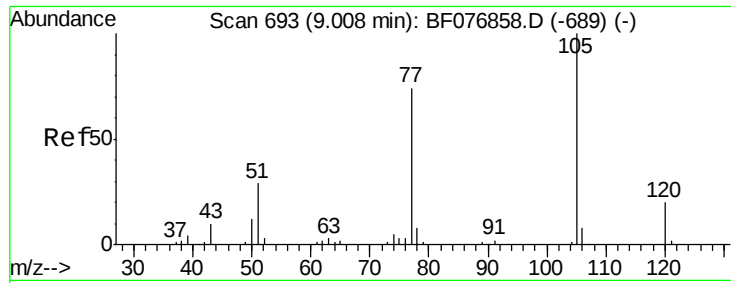


#21
Naphthalene-d8
Concen: 40.00 ng m
RT: 10.45 min Scan# 837
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40



Tgt Ion:	136	Resp:	268422
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.1	12.1
54	8.9	7.0	10.4
68	4.6	3.7	5.5





#22

Acetophenone

Concen: 36.11 ng

RT: 8.54 min Scan# 670

Delta R.T. -0.06 min

Lab File: BF077253.D

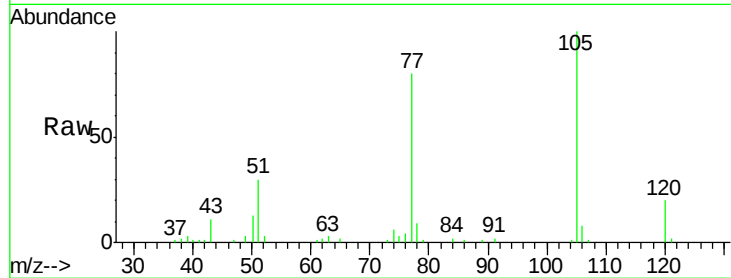
Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

ClientSampleId :

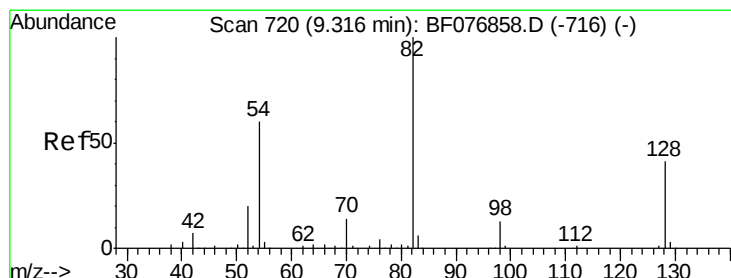
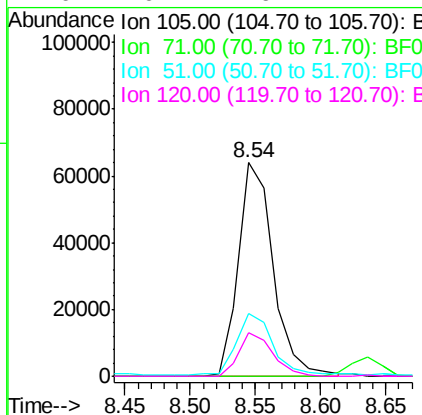
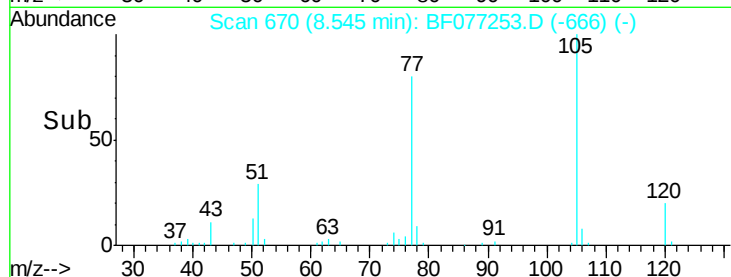
PB81706BS



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	118709		
71	71	0.0	0.0	0.0	0.0
51	51	29.5	23.3	34.9	
120	120	20.1	16.1	24.1	

Manual Integrations
APPROVED

apatel
2/12/2015 4:12:07 PM



#23

Nitrobenzene-d5

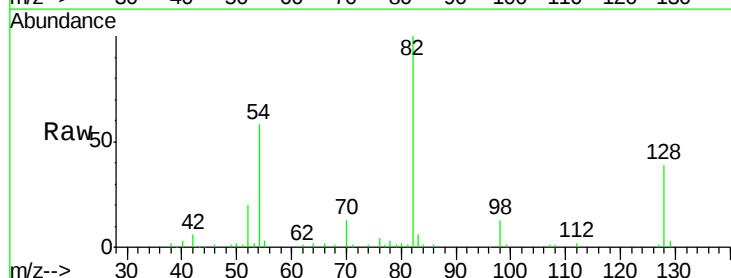
Concen: 75.06 ng

RT: 8.85 min Scan# 697

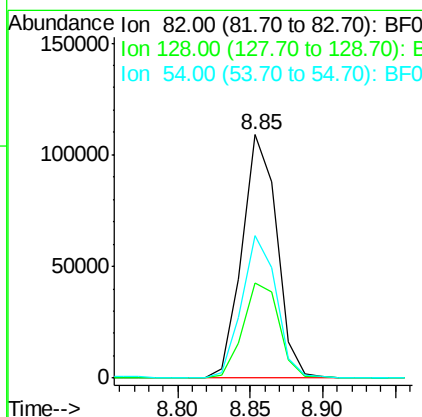
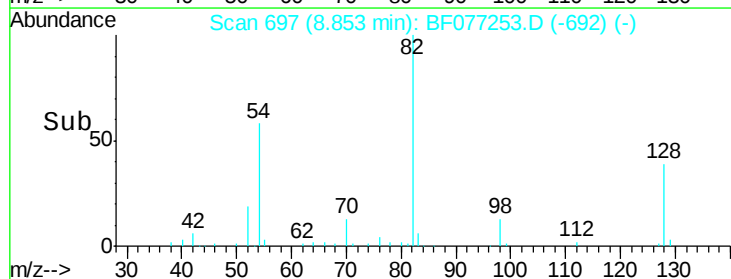
Delta R.T. -0.05 min

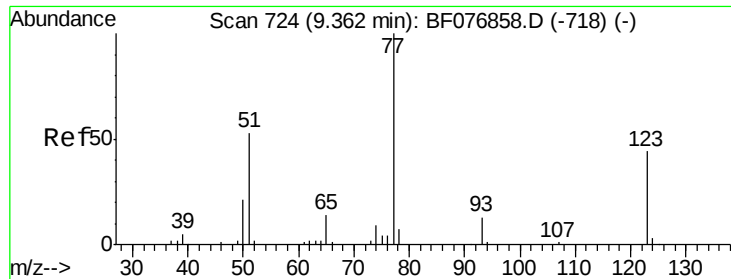
Lab File: BF077253.D

Acq: 11 Feb 2015 14:40



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100	181841		
128	128	39.1	33.1	49.7	
54	54	58.4	48.3	72.5	





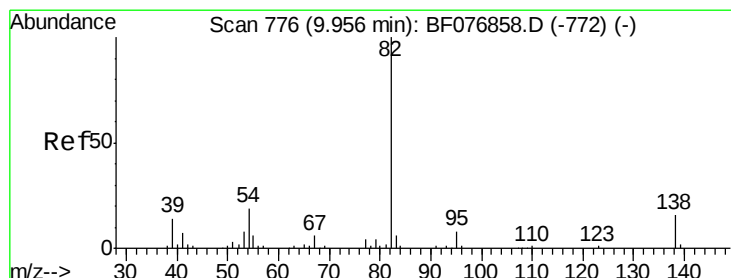
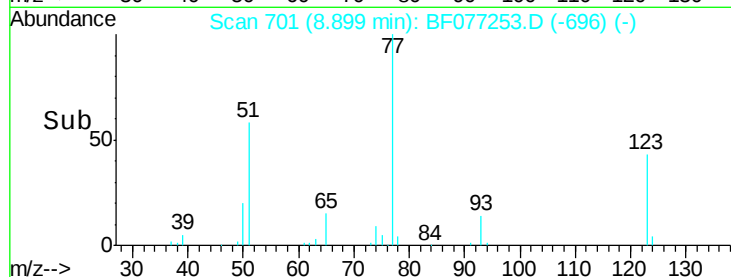
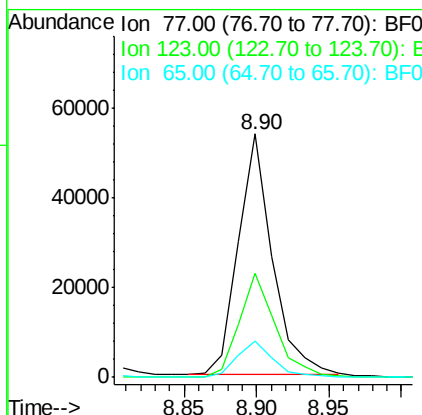
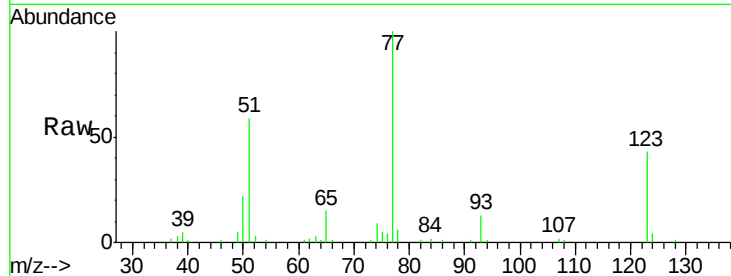
#24
 Nitrobenzene
 Concen: 35.22 ng
 RT: 8.90 min Scan# 701
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	35.2	52.8
65	14.8	11.4	17.2

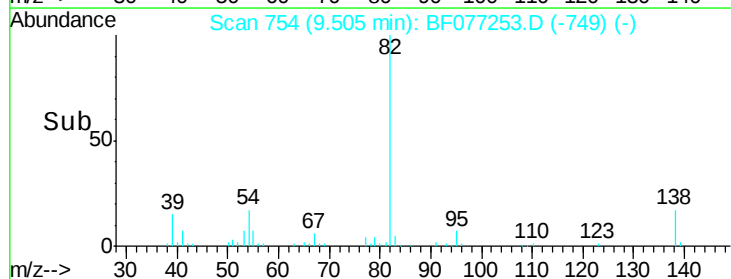
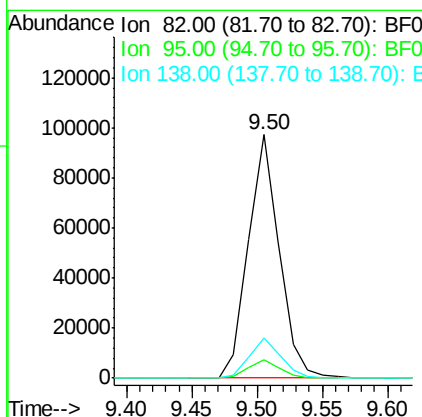
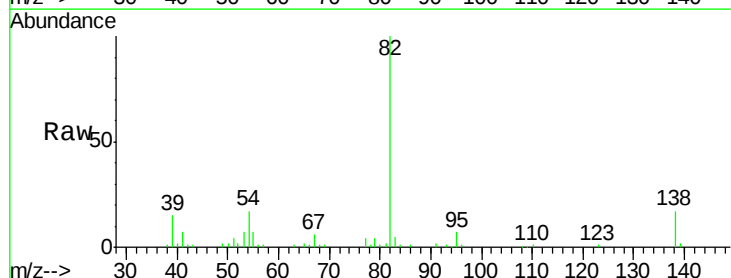
Manual Integrations
 APPROVED

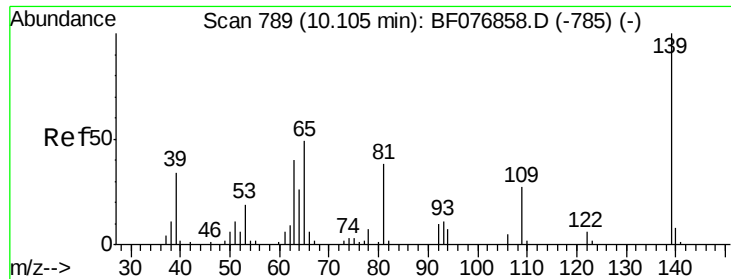
apatel
 2/12/2015 4:12:07 PM



#25
 Isophorone
 Concen: 36.59 ng
 RT: 9.50 min Scan# 754
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.6	10.0
138	16.6	12.6	18.8





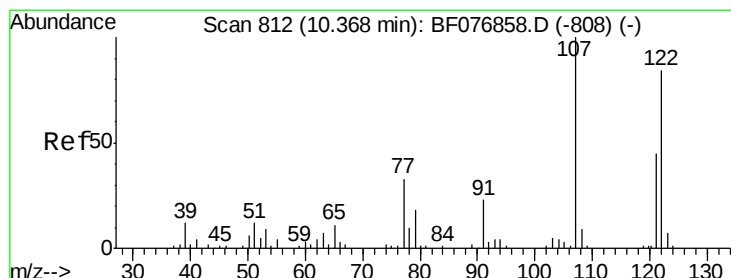
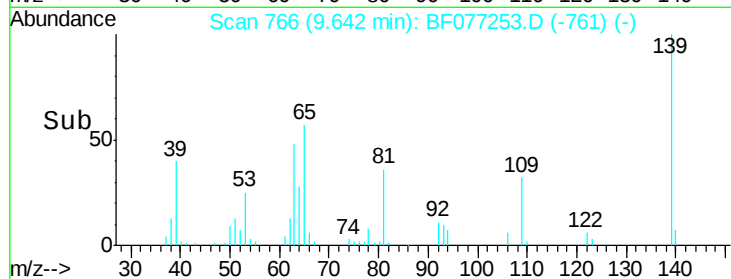
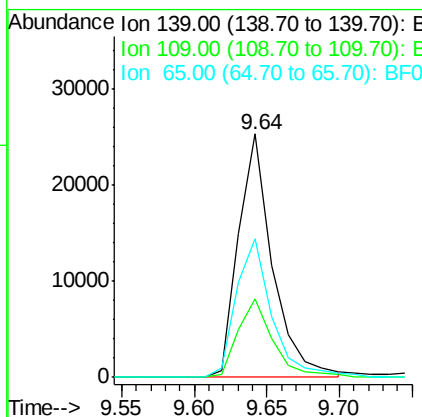
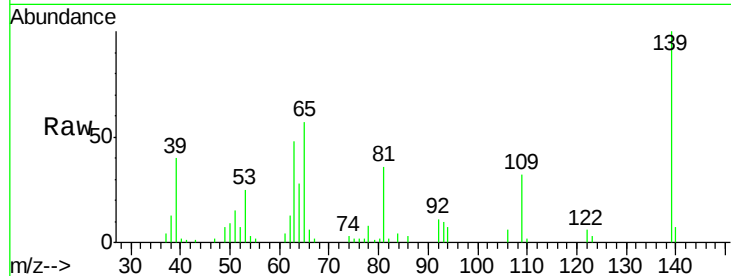
#26
2-Nitrophenol
Concen: 34.99 ng
RT: 9.64 min Scan# 766
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleId :
PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	41274		
109	32.0	21.3	31.9#	
65	57.0	39.4	59.0	

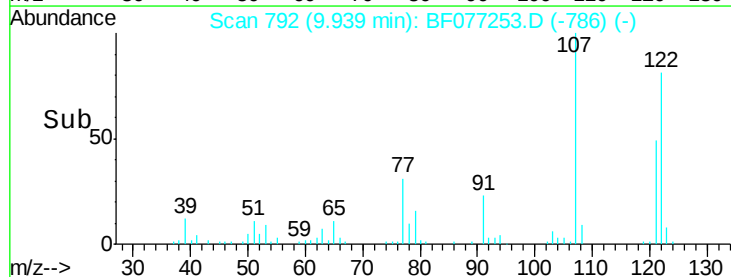
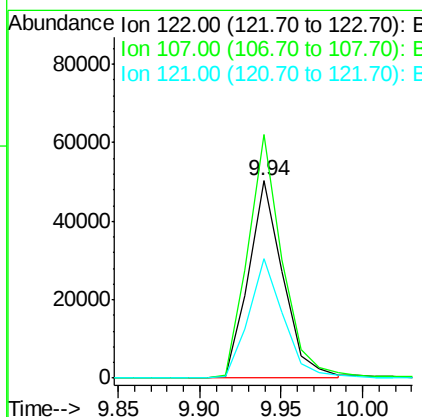
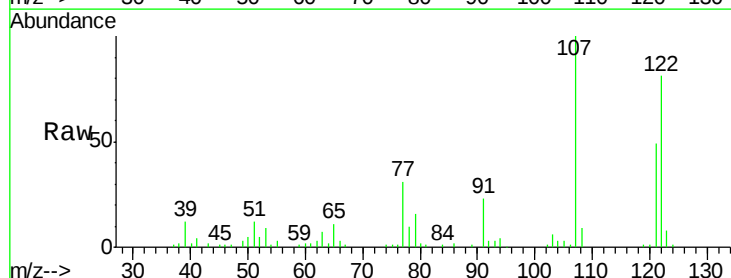
Manual Integrations
APPROVED

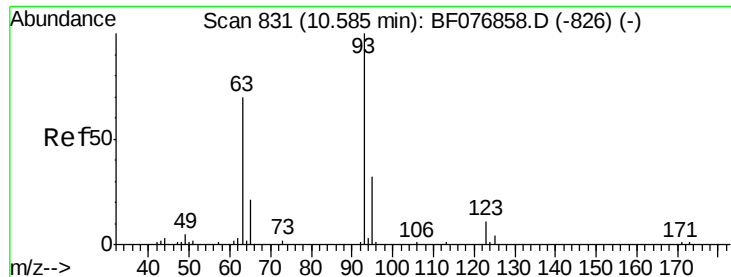
apatel
2/12/2015 4:12:07 PM



#27
2,4-Dimethylphenol
Concen: 38.81 ng
RT: 9.94 min Scan# 792
Delta R.T. -0.03 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	74071		
107	123.3	95.2	142.8	
121	60.4	42.9	64.3	





#28

bis(2-Chloroethoxy)methane

Concen: 39.95 ng

RT: 10.13 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

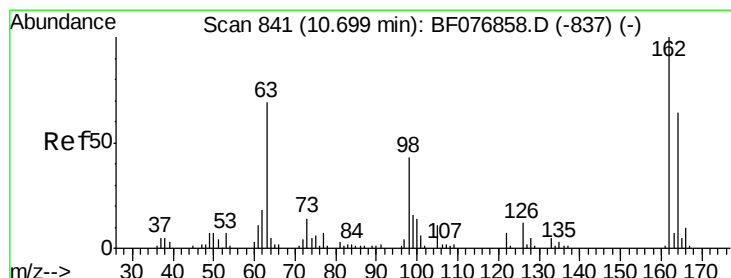
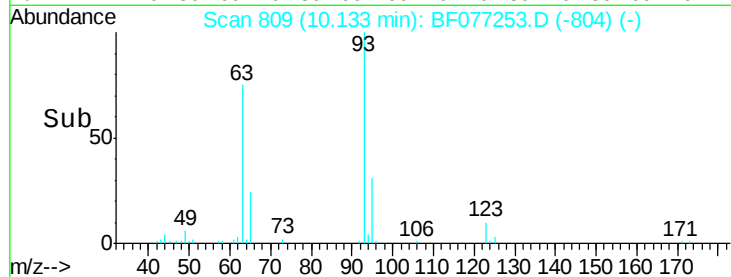
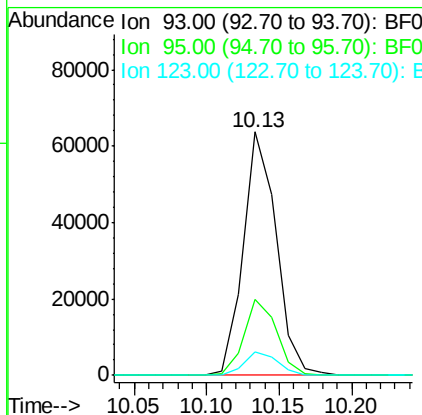
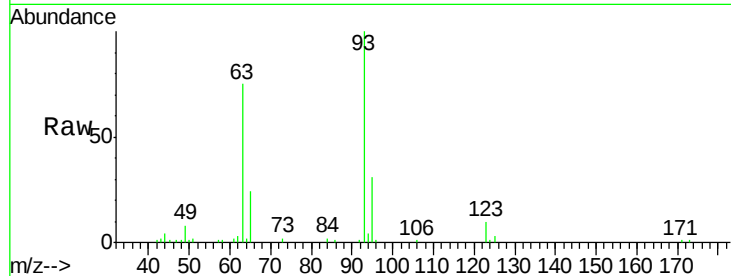
ClientSampleId :

PB81706BS

Tgt Ion:	93	Resp:	100184
Ion Ratio	Lower	Upper	
93	100		
95	31.1	25.6	38.4
123	9.8	8.9	13.3

Manual Integrations
APPROVED

apatel
2/12/2015 4:12:07 PM



#29

2,4-Dichlorophenol

Concen: 37.96 ng m

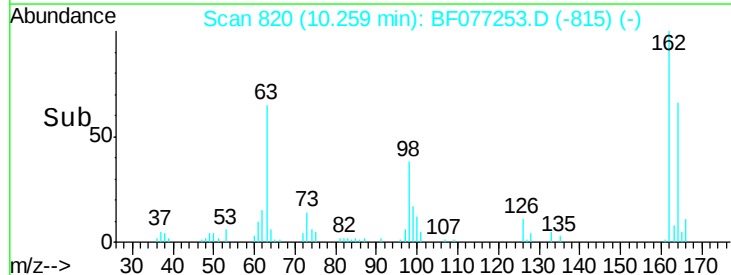
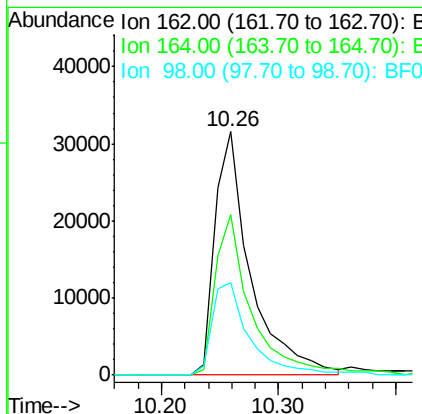
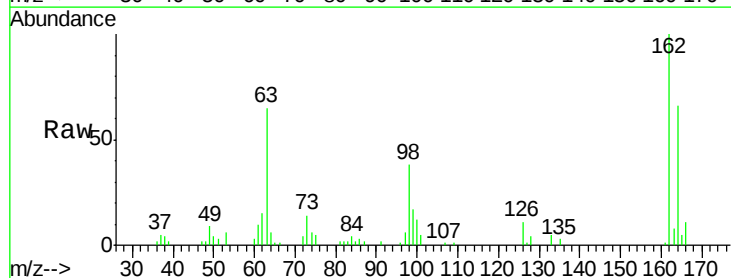
RT: 10.26 min Scan# 820

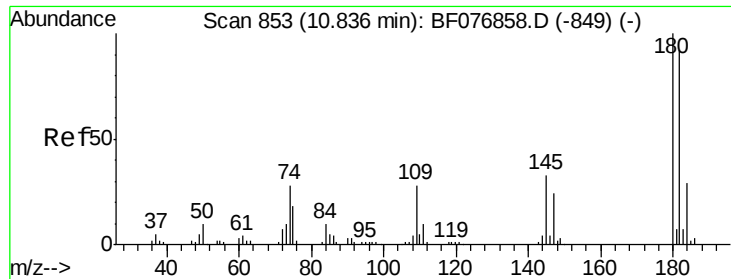
Delta R.T. -0.05 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Tgt Ion:	162	Resp:	67513
Ion Ratio	Lower	Upper	
162	100		
164	65.7	43.8	83.8
98	38.0	22.5	62.5





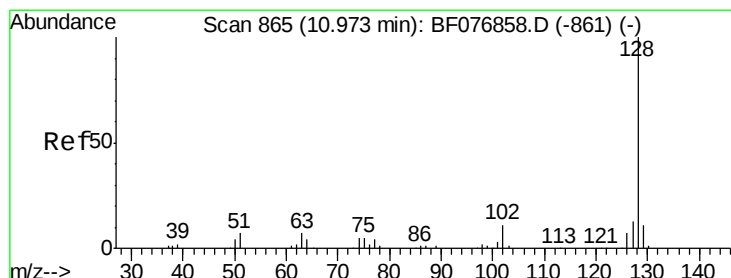
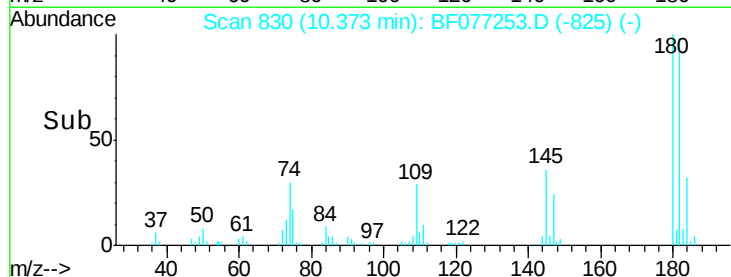
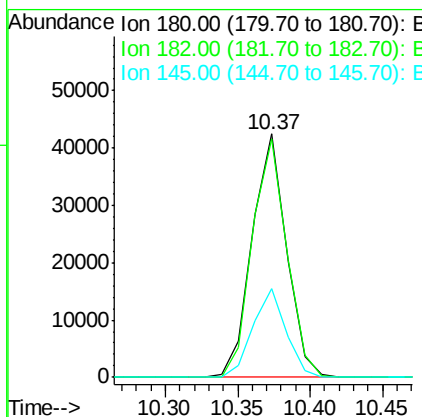
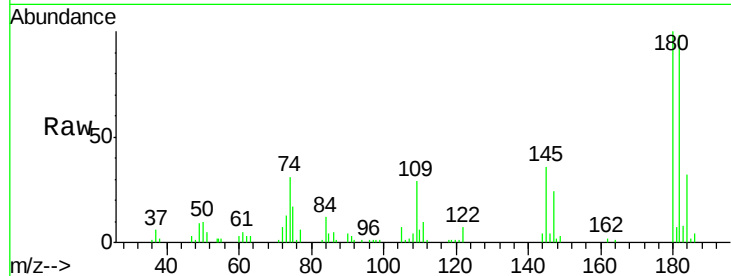
#30
 1,2,4-Trichlorobenzene
 Concen: 35.27 ng
 RT: 10.37 min Scan# 830
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	69680		
182	98.2	73.6	110.4	
145	36.4	26.6	39.8	

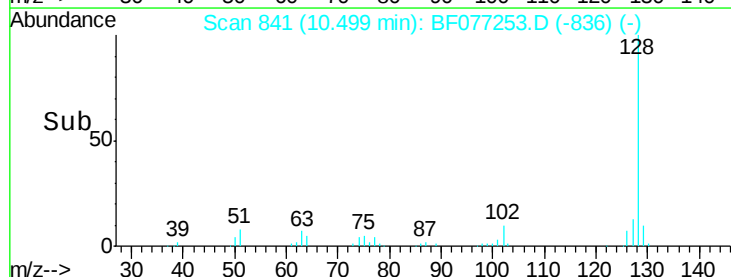
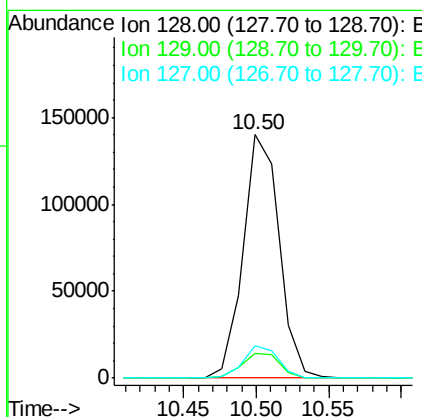
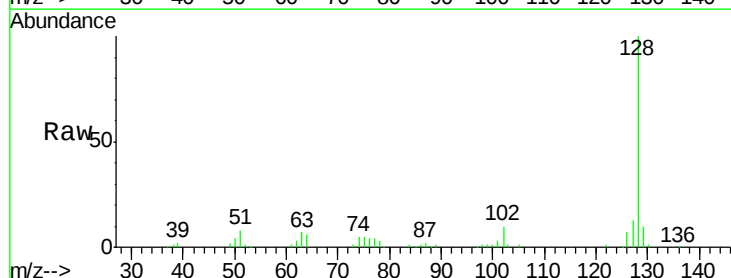
Manual Integrations
 APPROVED

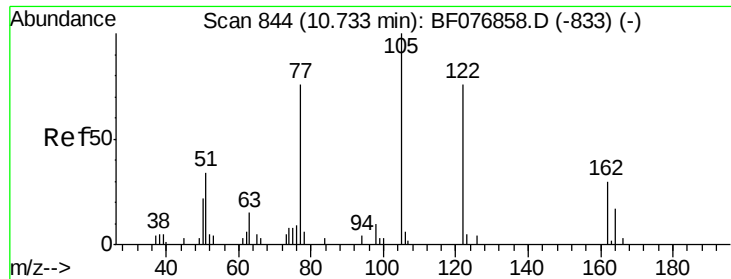
apatel
 2/12/2015 4:12:07 PM



#31
 Naphthalene
 Concen: 34.98 ng
 RT: 10.50 min Scan# 841
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	241731		
129	10.3	9.0	13.6	
127	13.4	10.2	15.2	





#32

Benzoic acid

Concen: 20.88 ng m

RT: 10.36 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF077253.D

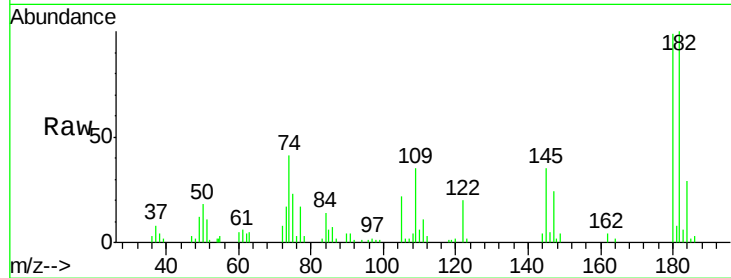
Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

ClientSampleId :

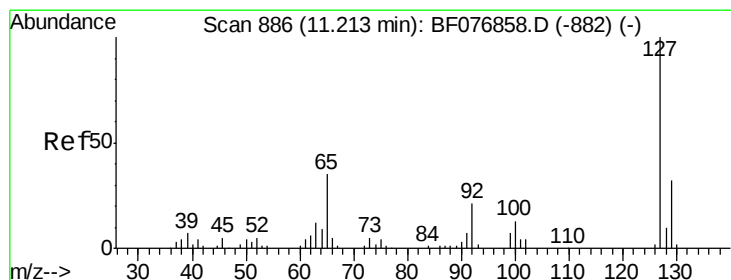
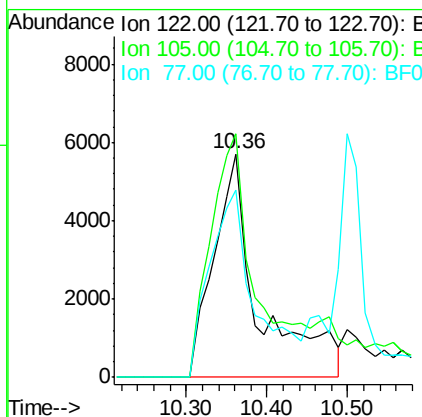
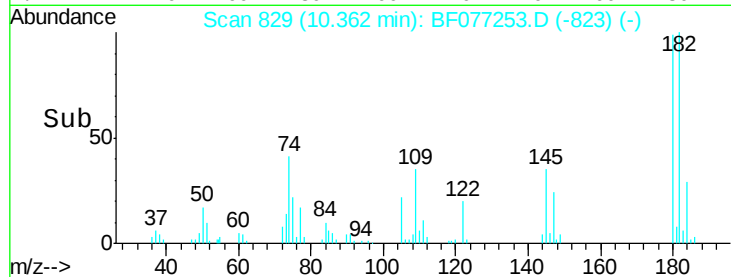
PB81706BS



Tgt Ion:	122	Resp:	22080
Ion Ratio	Lower	Upper	
122	100		
105	109.0	111.3	151.3#
77	83.9	79.2	119.2

Manual Integrations
APPROVED

apatel
2/12/2015 4:12:07 PM



#33

4-Chloroaniline

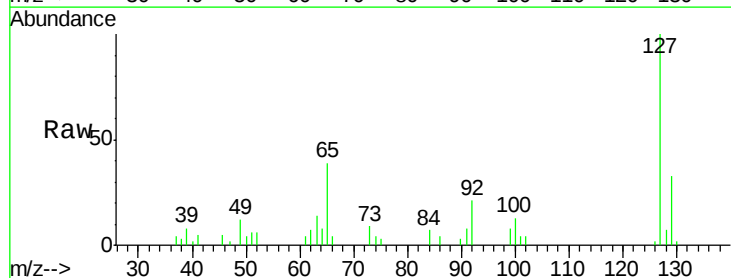
Concen: 14.77 ng m

RT: 10.77 min Scan# 865

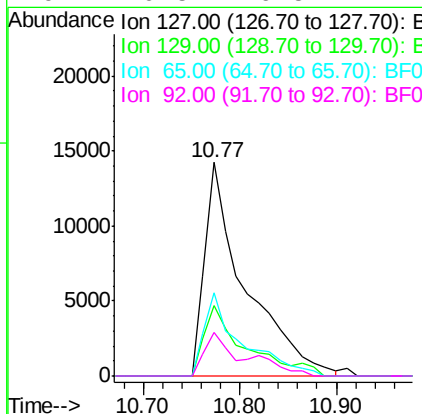
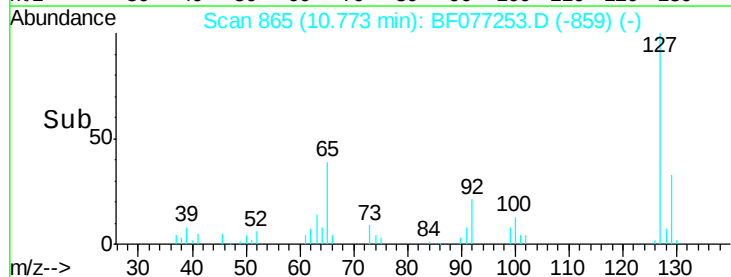
Delta R.T. -0.03 min

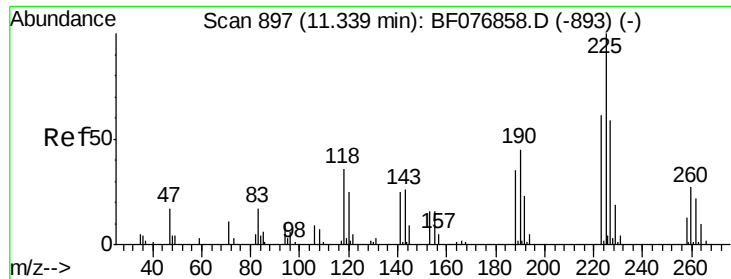
Lab File: BF077253.D

Acq: 11 Feb 2015 14:40



Tgt Ion:	127	Resp:	41241
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.3	37.9
65	39.2	27.8	41.6
92	20.5	16.5	24.7





#34

Hexachlorobutadiene

Concen: 35.31 ng

RT: 10.88 min Scan# 874

Delta R.T. -0.05 min

Lab File: BF077253.D

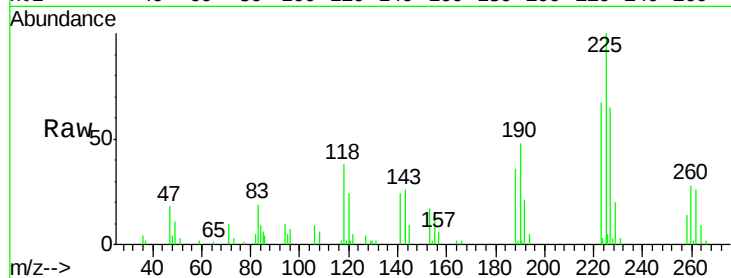
Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

ClientSampleId :

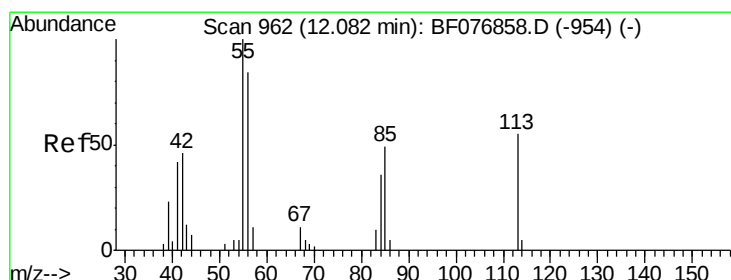
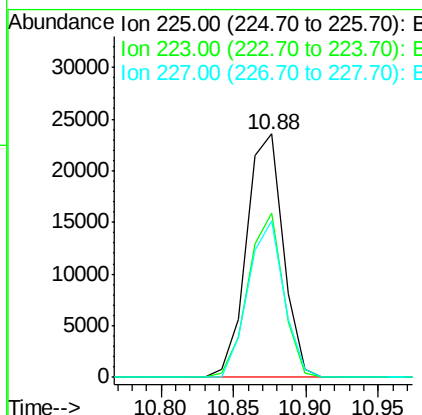
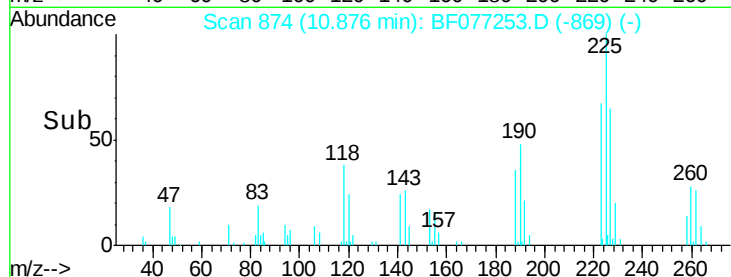
PB81706BS



Tgt Ion:	225	Resp:	41389
Ion Ratio	Lower	Upper	
225	100		
223	67.2	49.1	73.7
227	64.5	47.5	71.3

Manual Integrations
APPROVED

apatel
2/12/2015 4:12:07 PM



#35

Caprolactam

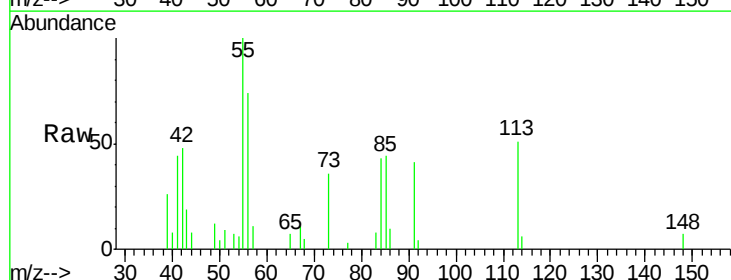
Concen: 38.86 ng m

RT: 11.63 min Scan# 940

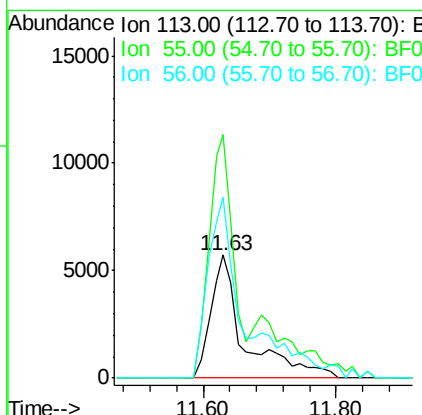
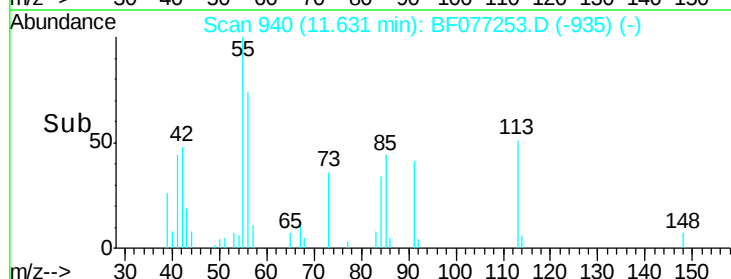
Delta R.T. -0.05 min

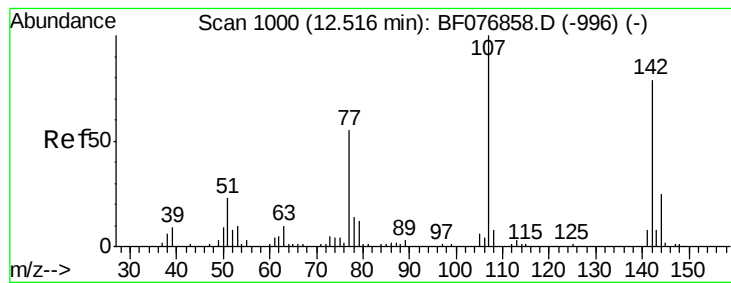
Lab File: BF077253.D

Acq: 11 Feb 2015 14:40



Tgt Ion:	113	Resp:	20350
Ion Ratio	Lower	Upper	
113	100		
55	197.8	162.1	202.1
56	146.9	133.7	173.7





#36

4-Chloro-3-methylphenol

Concen: 35.06 ng

RT: 12.09 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

ClientSampleId :

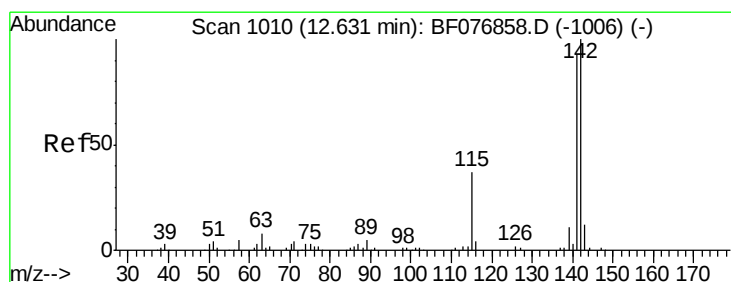
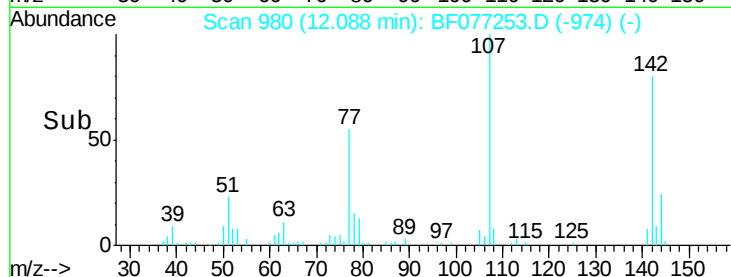
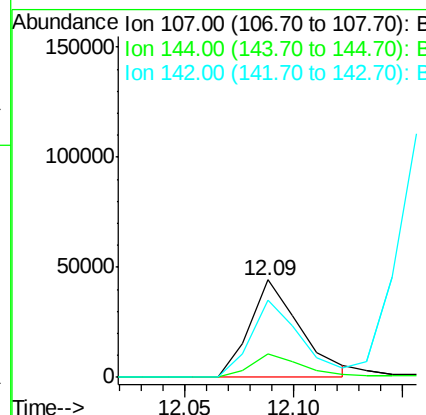
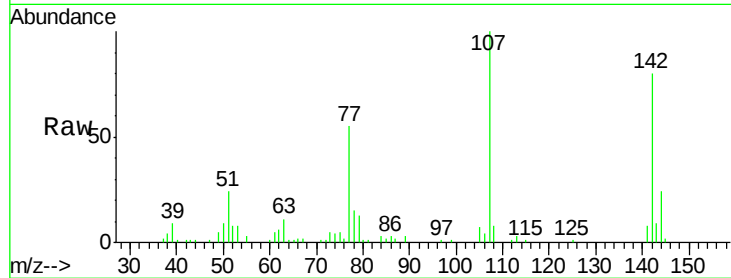
PB81706BS

Manual Integrations
APPROVED

apatel

2/12/2015 4:12:07 PM

Tgt Ion:	107	Resp:	71402
Ion Ratio	Lower	Upper	
107	100		
144	24.2	20.0	30.0
142	79.7	63.5	95.3



#37

2-Methylnaphthalene

Concen: 37.24 ng

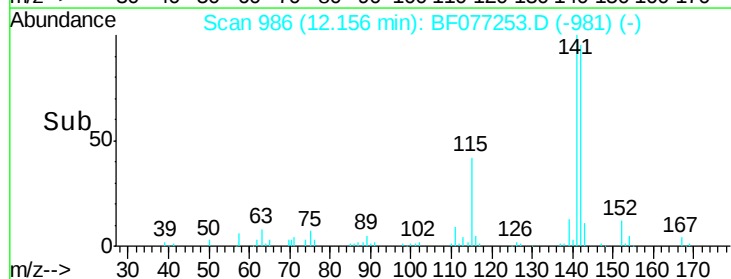
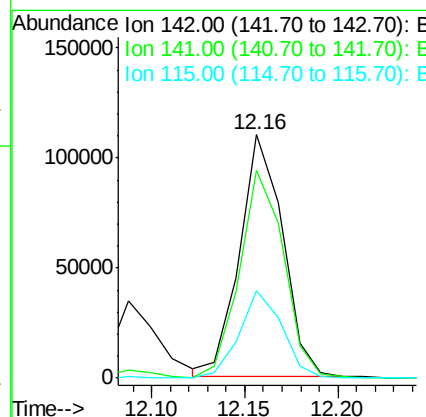
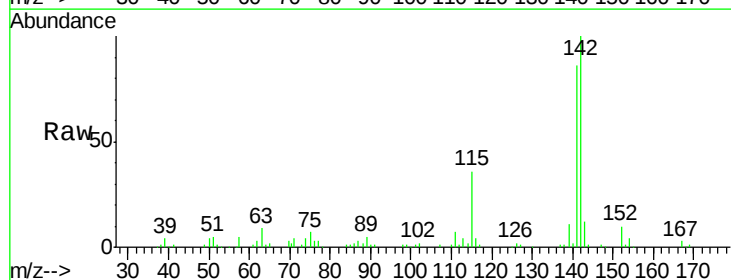
RT: 12.16 min Scan# 986

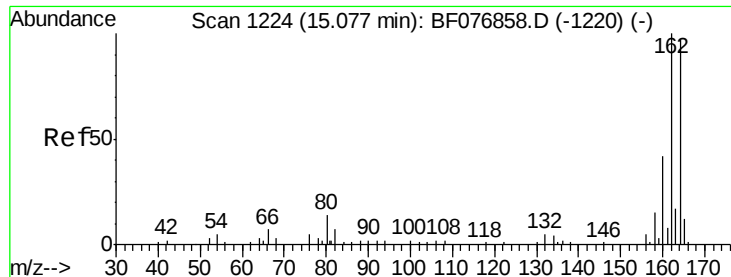
Delta R.T. -0.05 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Tgt Ion:	142	Resp:	175745
Ion Ratio	Lower	Upper	
142	100		
141	85.6	74.5	111.7
115	35.7	29.7	44.5





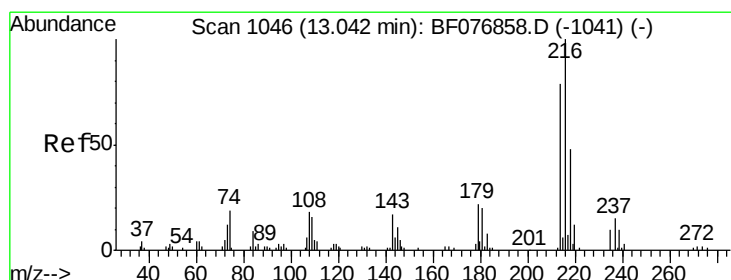
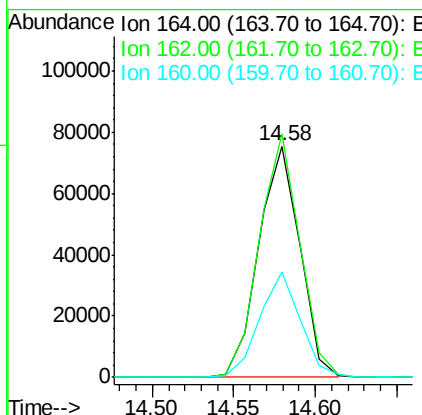
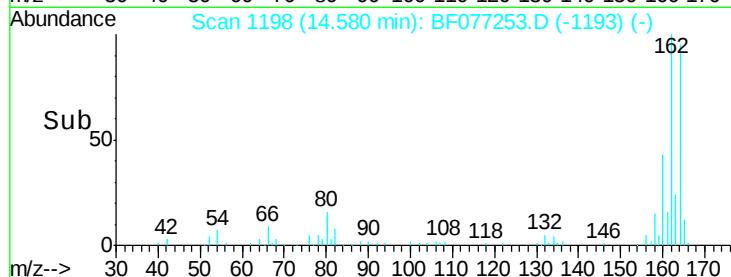
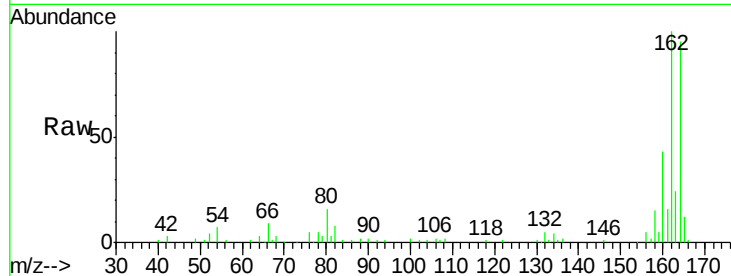
#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 14.58 min Scan# 1198
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	132178		
162	105.5	82.4	123.6	
160	45.8	34.8	52.2	

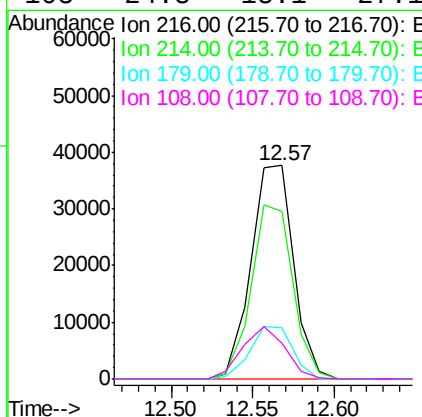
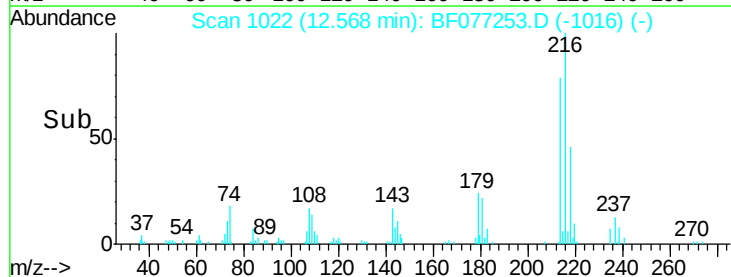
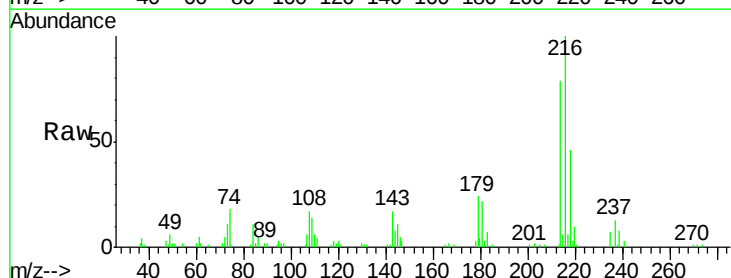
Manual Integrations
 APPROVED

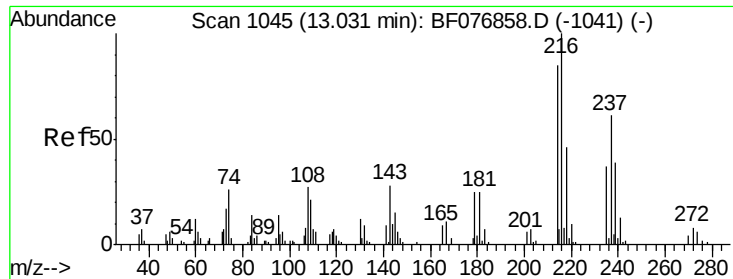
apatel
 2/12/2015 4:12:07 PM



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.84 ng
 RT: 12.57 min Scan# 1022
 Delta R.T. -0.03 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	68363		
214	79.7	64.9	97.3	
179	24.8	18.6	28.0	
108	24.8	18.1	27.1	





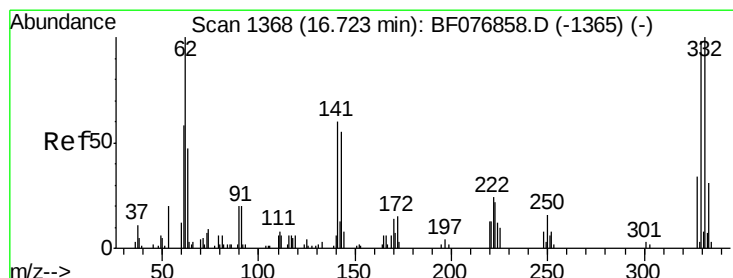
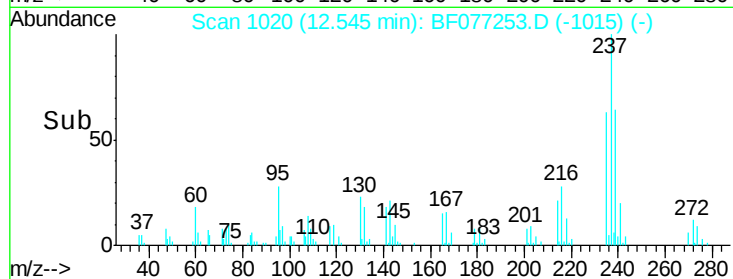
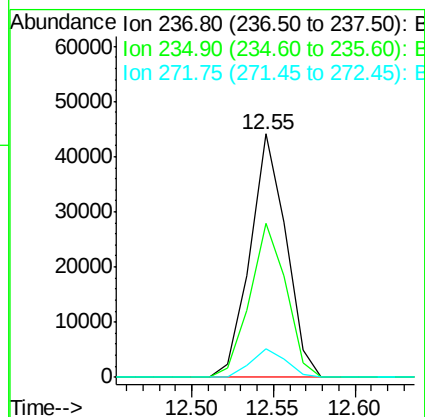
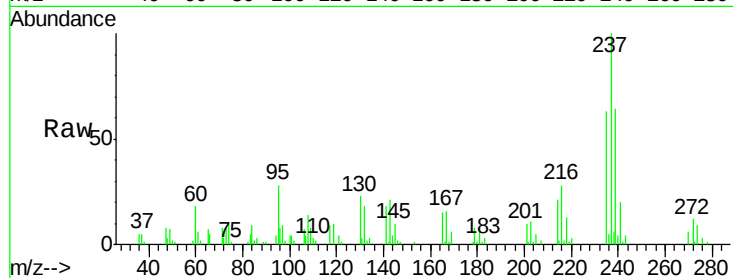
#40
 Hexachlorocyclopentadiene
 Concen: 81.12 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion:	237	Resp:	67145
Ion Ratio	Lower	Upper	
237	100		
235	63.5	40.4	80.4
272	11.7	0.0	33.2

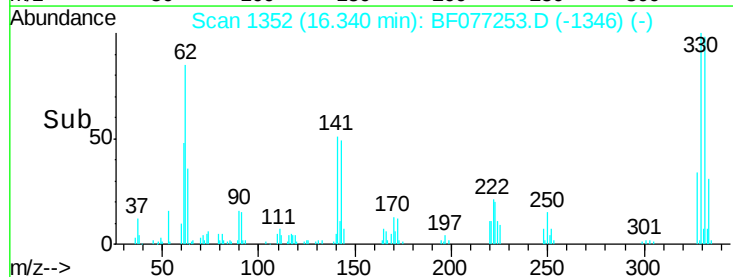
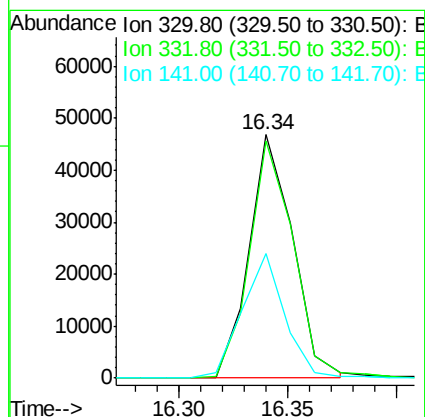
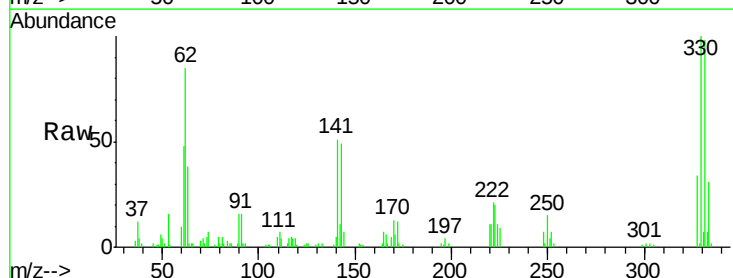
Manual Integrations
 APPROVED

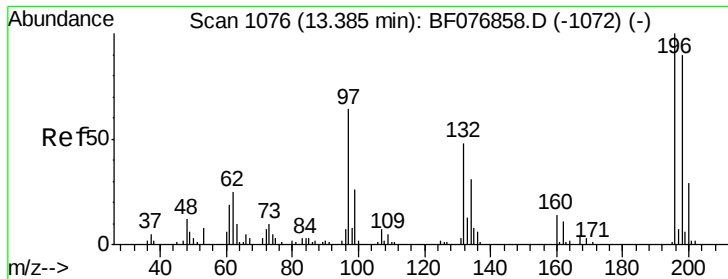
apatel
 2/12/2015 4:12:07 PM



#41
 2,4,6-Tribromophenol
 Concen: 122.13 ng
 RT: 16.34 min Scan# 1352
 Delta R.T. -0.03 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion:	330	Resp:	65518
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.8	116.6
141	50.2	38.5	57.7





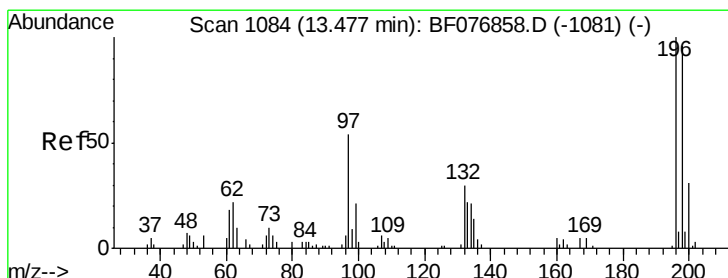
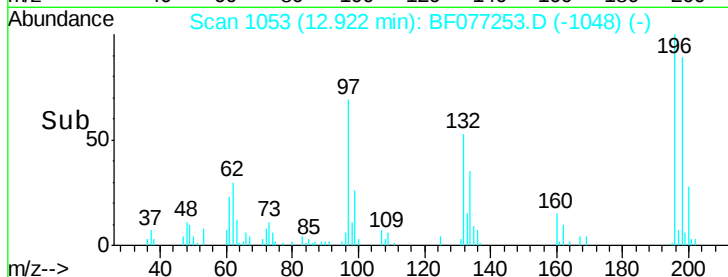
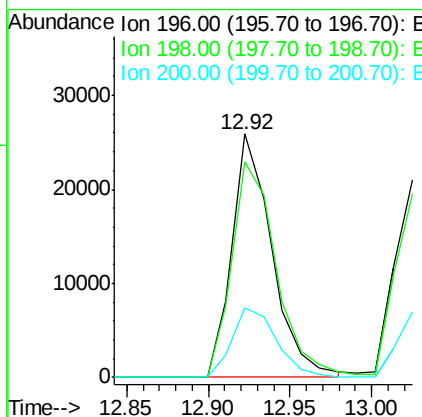
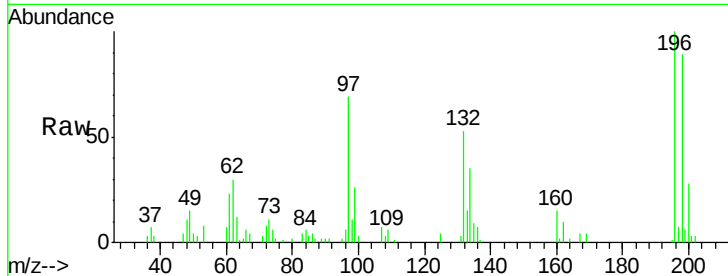
#42
 2,4,6-Trichlorophenol
 Concen: 37.02 ng
 RT: 12.92 min Scan# 1053
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	44071		
198	88.7	72.0	108.0	
200	28.5	23.4	35.2	

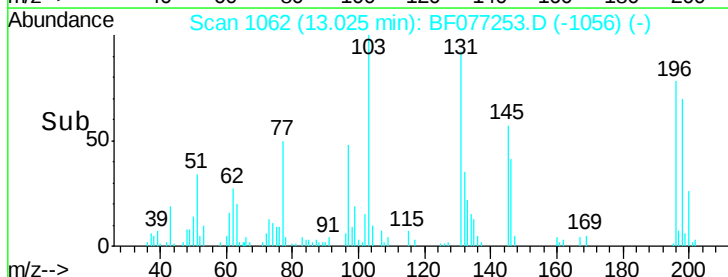
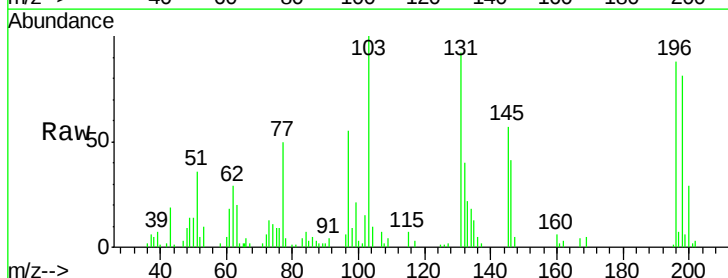
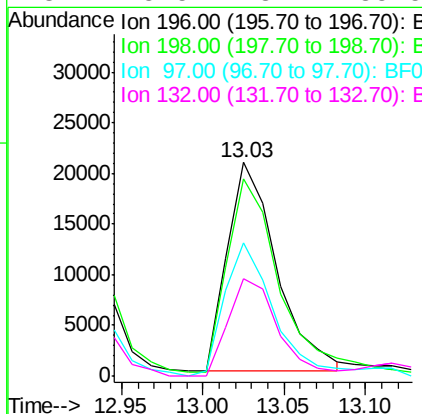
Manual Integrations
 APPROVED

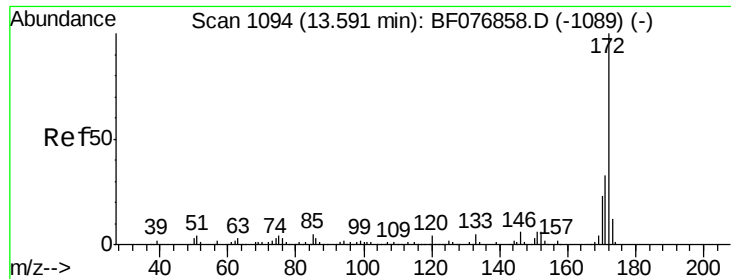
apatel
 2/12/2015 4:12:07 PM



#43
 2,4,5-Trichlorophenol
 Concen: 35.80 ng m
 RT: 13.03 min Scan# 1062
 Delta R.T. -0.03 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	43474		
198	92.4	76.6	115.0	
97	62.1	43.4	65.0	
132	45.5	23.7	35.5#	





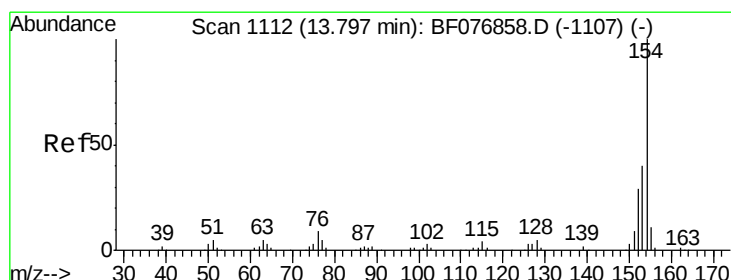
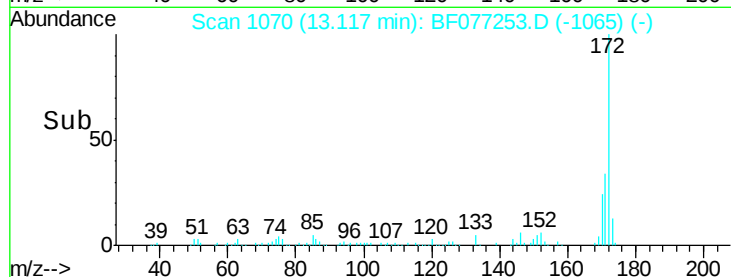
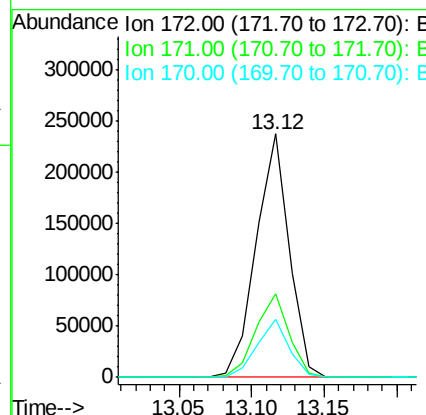
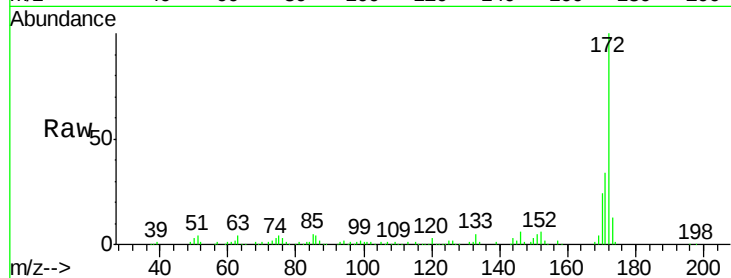
#44
2-Fluorobiphenyl
Concen: 86.09 ng
RT: 13.12 min Scan# 1070
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleId :
PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	373884		
171	34.5	26.6	40.0	
170	24.0	18.0	27.0	

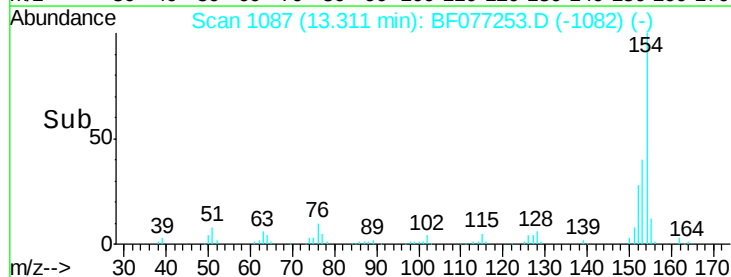
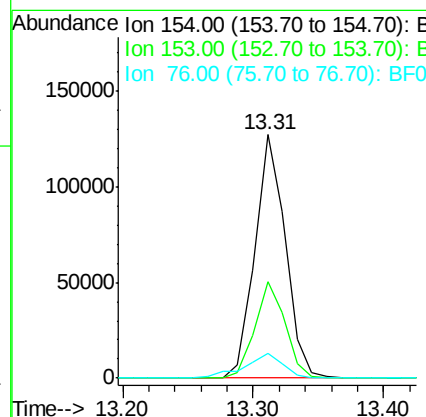
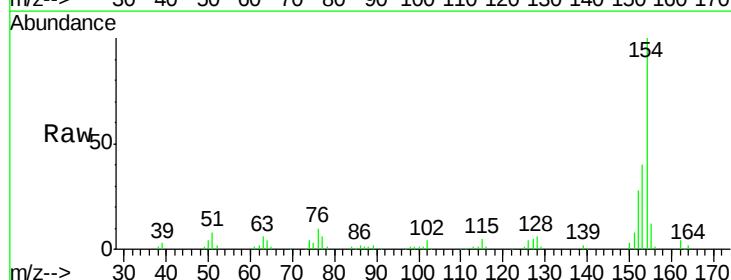
Manual Integrations
APPROVED

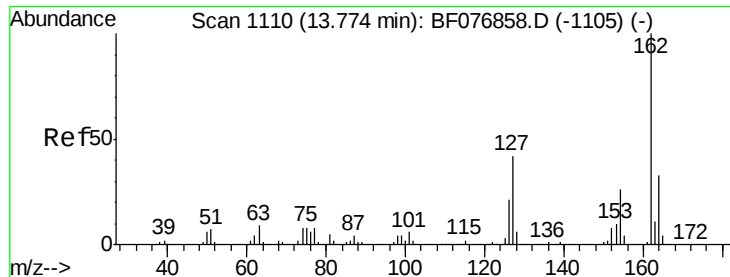
apatel
2/12/2015 4:12:07 PM



#45
1,1'-Biphenyl
Concen: 42.36 ng
RT: 13.31 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

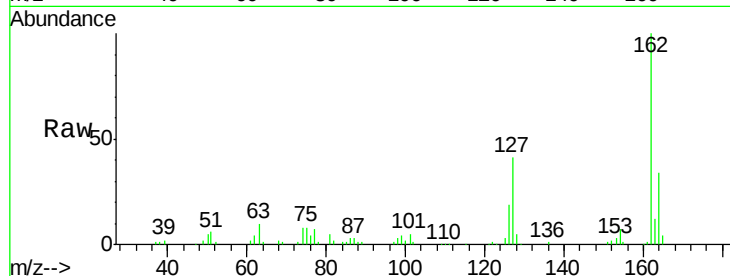
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	207558		
153	39.6	20.2	60.2	
76	10.3	0.0	29.0	





#46
 2-Chloronaphthalene
 Concen: 39.95 ng
 RT: 13.29 min Scan# 1085
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

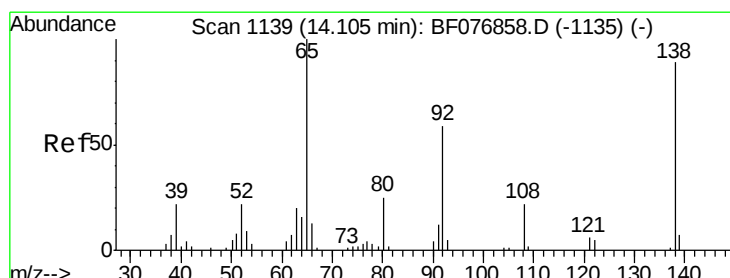
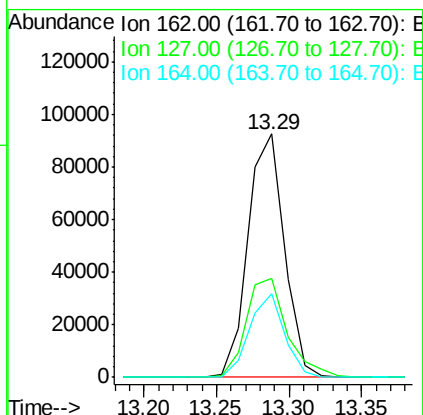
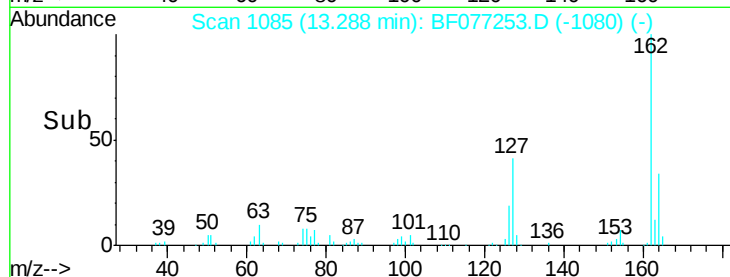
Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS



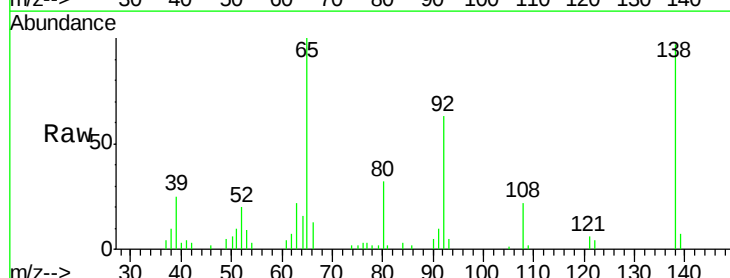
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	33.8	50.6
164	34.1	26.8	40.2

Manual Integrations
 APPROVED

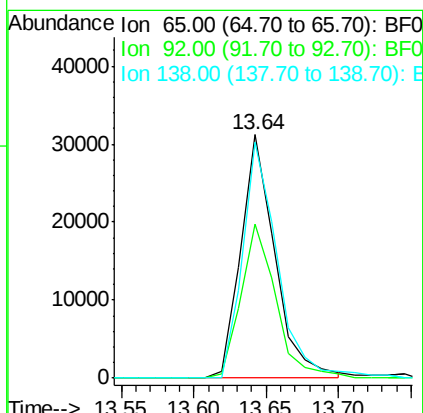
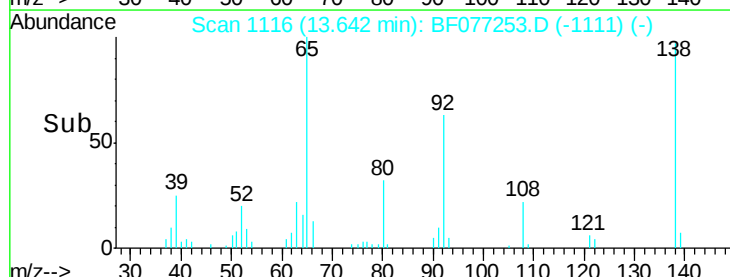
apatel
 2/12/2015 4:12:07 PM

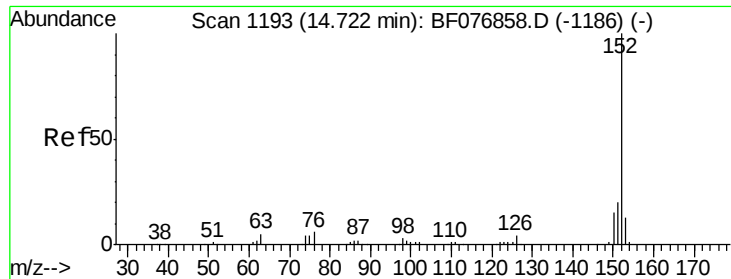


#47
 2-Nitroaniline
 Concen: 41.77 ng
 RT: 13.64 min Scan# 1116
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40



Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	47.3	70.9
138	96.7	71.4	107.2





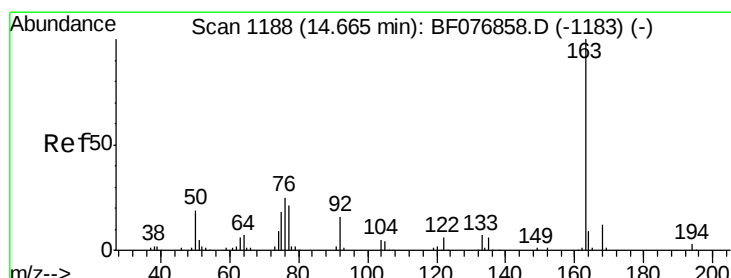
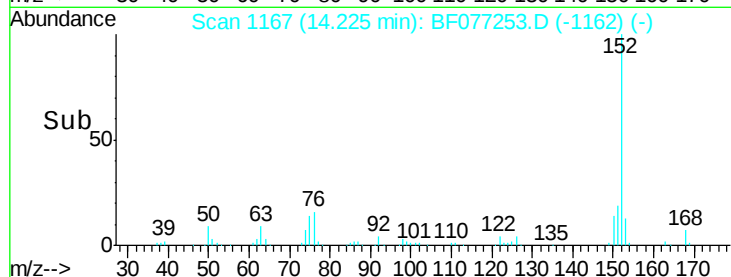
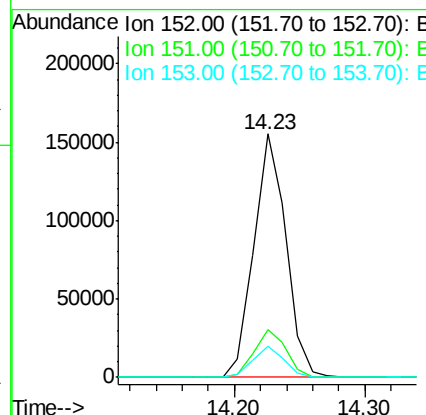
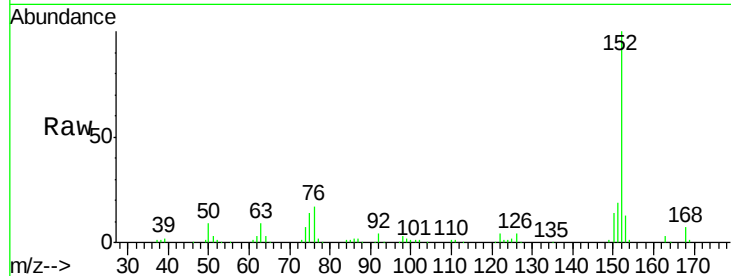
#48
Acenaphthylene
Concen: 39.13 ng
RT: 14.23 min Scan# 1167
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleId :
PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	266103		
151	19.4	15.9	23.9	
153	12.9	10.2	15.4	

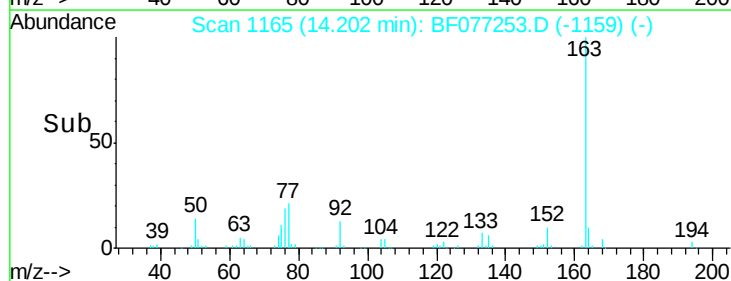
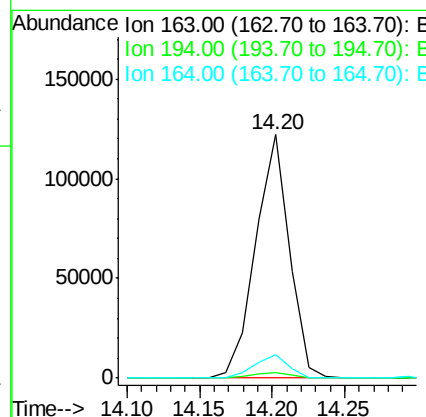
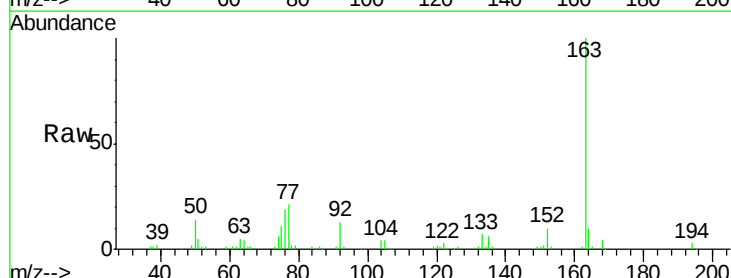
Manual Integrations
APPROVED

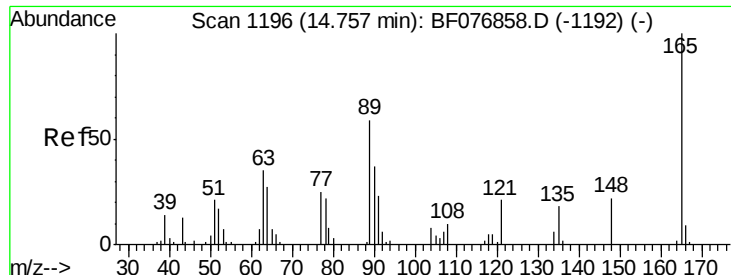
apatel
2/12/2015 4:12:07 PM



#49
Dimethylphthalate
Concen: 41.96 ng
RT: 14.20 min Scan# 1165
Delta R.T. -0.03 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	196666		
194	2.5	2.6	4.0#	
164	9.5	7.5	11.3	





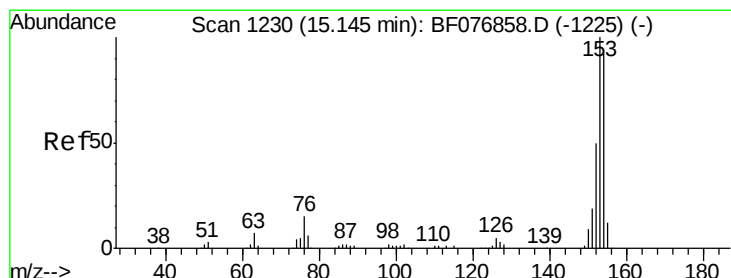
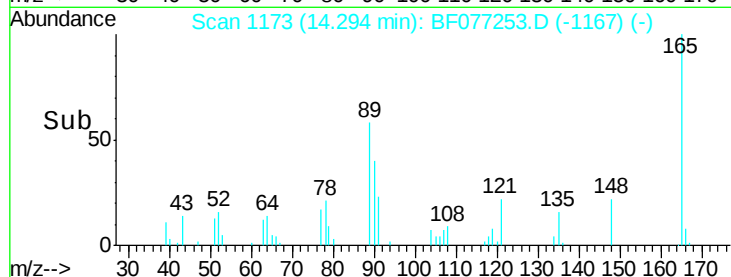
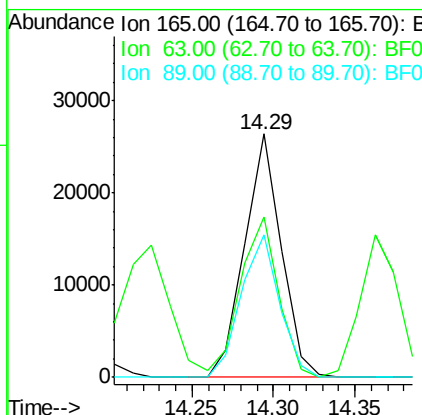
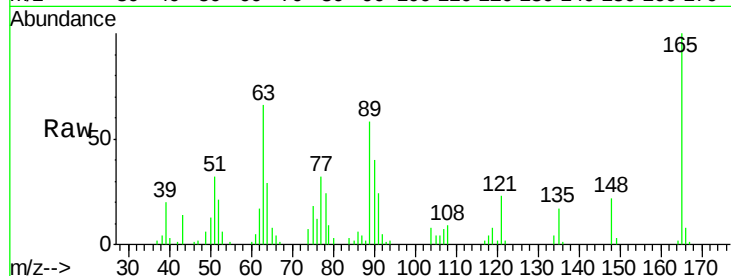
#50
 2,6-Dinitrotoluene
 Concen: 44.03 ng
 RT: 14.29 min Scan# 1173
 Delta R.T. -0.03 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	41226		
63	65.8	48.1	72.1	
89	58.4	47.2	70.8	

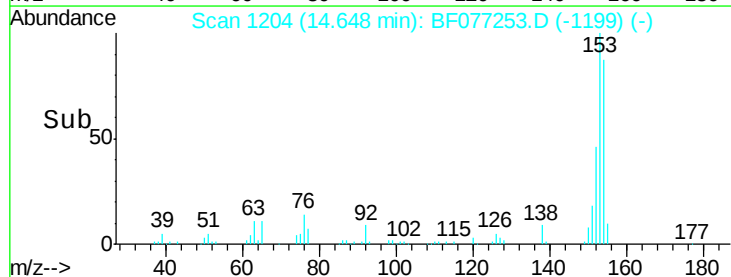
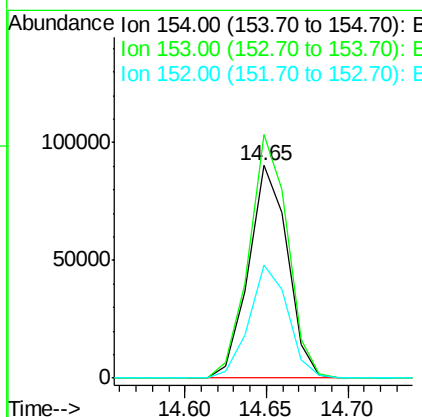
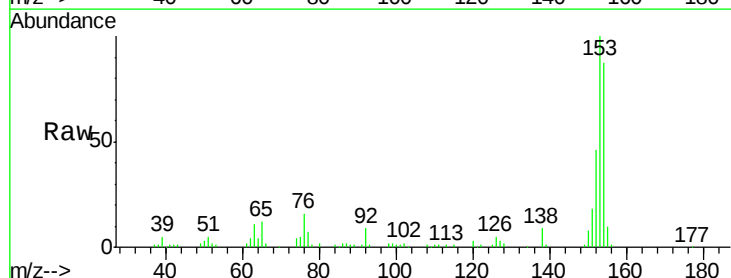
Manual Integrations
 APPROVED

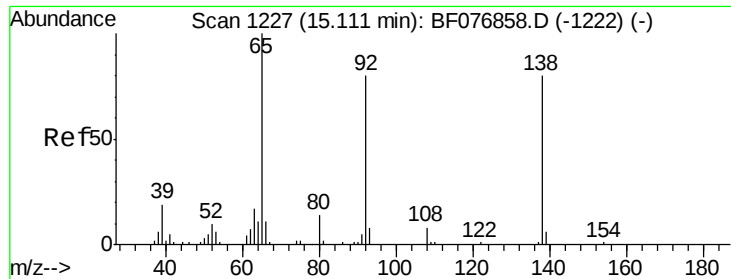
apatel
 2/12/2015 4:12:07 PM



#51
 Acenaphthene
 Concen: 38.83 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	149809		
153	114.5	87.0	130.6	
152	53.2	43.5	65.3	





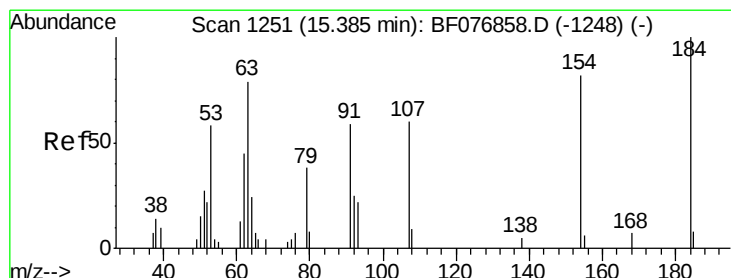
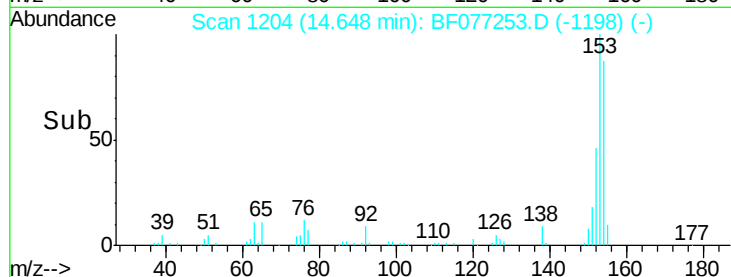
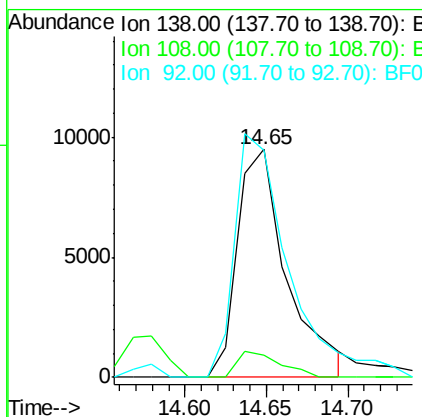
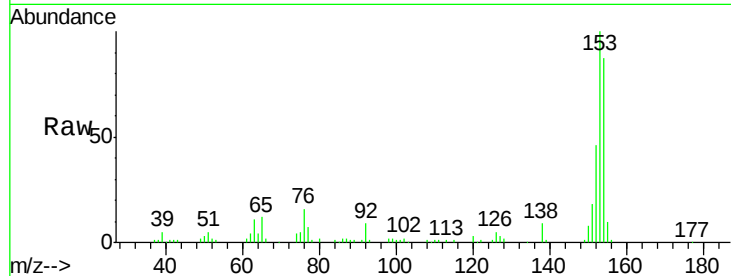
#52
 3-Nitroaniline
 Concen: 19.29 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.03 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampled :
 PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	19900		
108	9.6	8.3	12.5	
92	99.7	80.9	121.3	

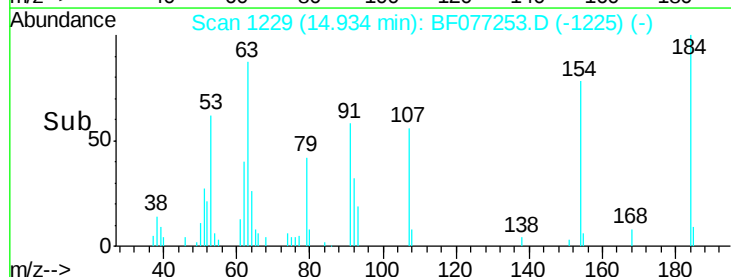
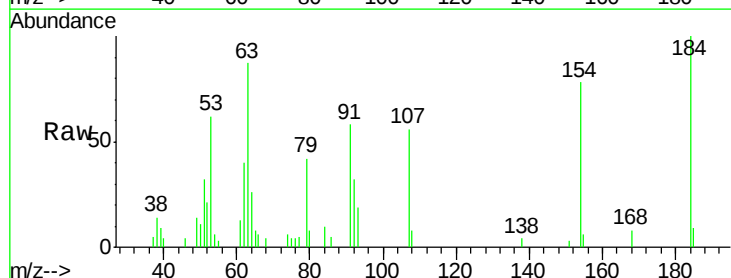
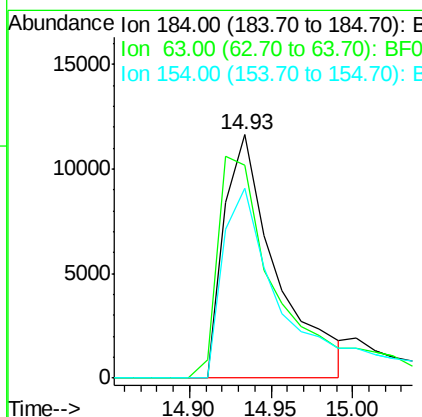
Manual Integrations
 APPROVED

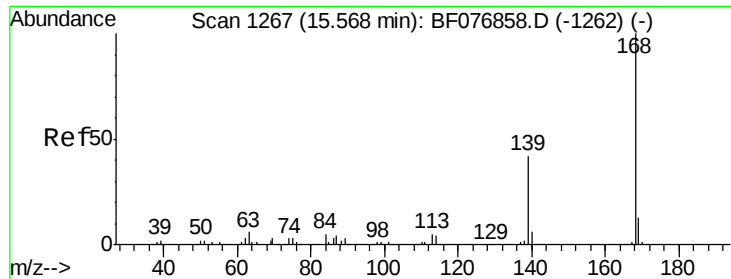
apatel
 2/12/2015 4:12:07 PM



#53
 2,4-Dinitrophenol
 Concen: 74.00 ng
 RT: 14.93 min Scan# 1229
 Delta R.T. -0.06 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	26011		
63	87.3	63.0	94.6	
154	78.0	65.5	98.3	





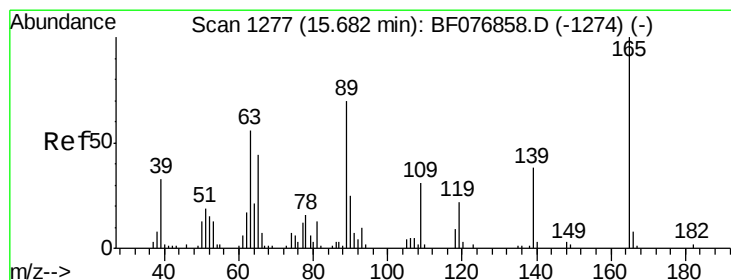
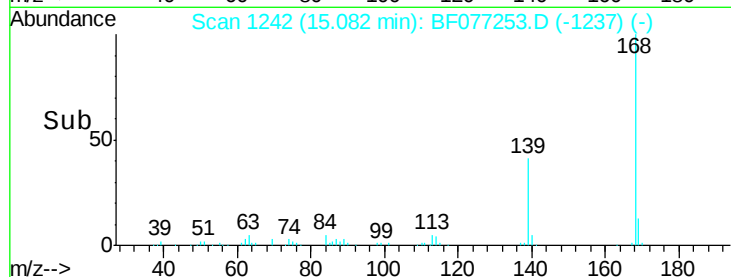
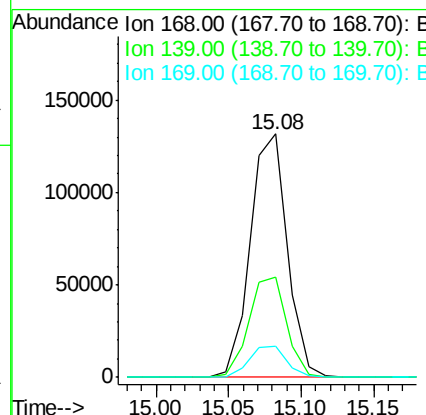
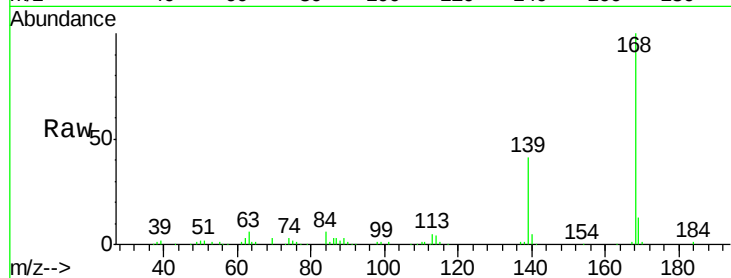
#54
Dibenzenofuran
Concen: 41.43 ng
RT: 15.08 min Scan# 1242
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleId :
PB81706BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	33.4	50.2
169	12.7	10.6	15.8

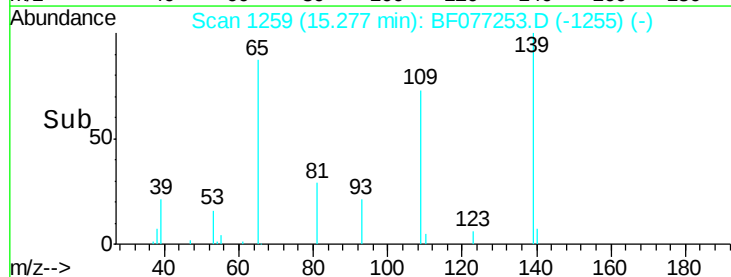
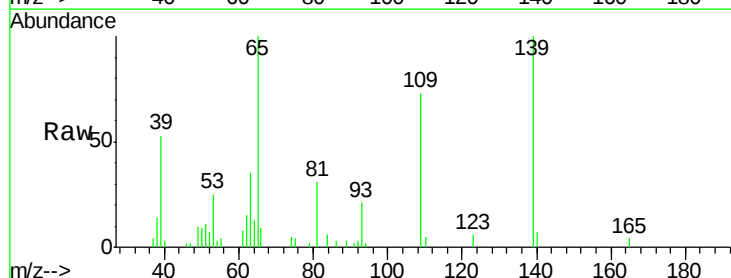
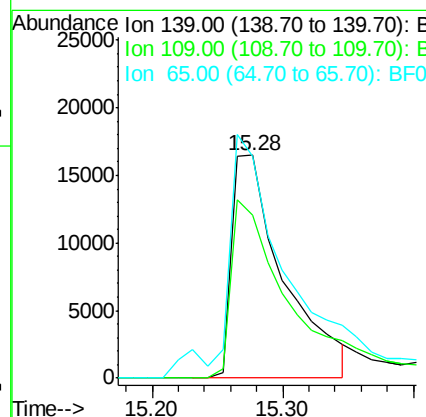
Manual Integrations
APPROVED

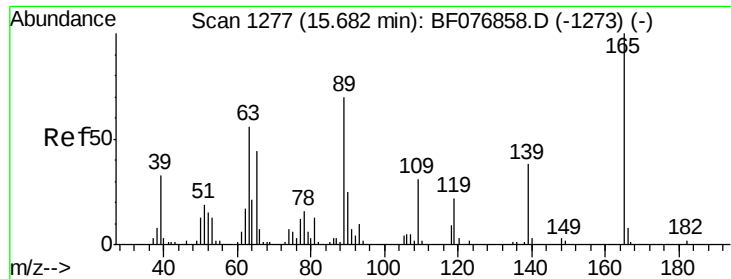
apatel
2/12/2015 4:12:07 PM



#55
4-Nitrophenol
Concen: 62.09 ng
RT: 15.28 min Scan# 1259
Delta R.T. -0.06 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.1	61.0	101.0
65	99.8	96.6	136.6





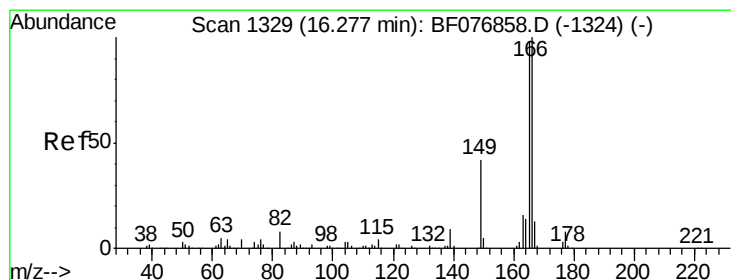
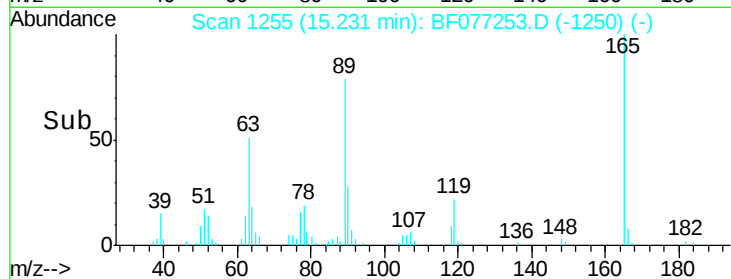
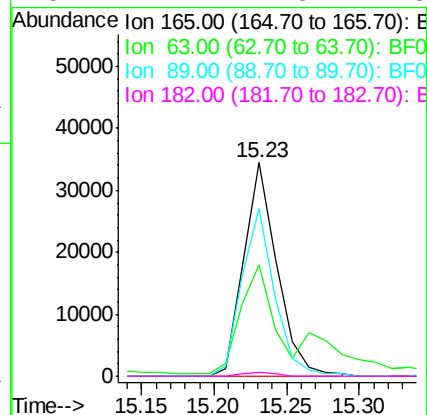
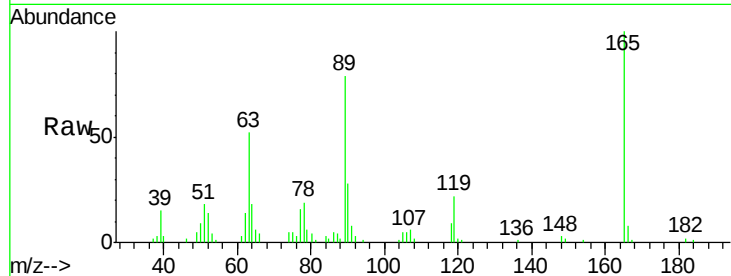
#56
 2,4-Dinitrotoluene
 Concen: 41.79 ng
 RT: 15.23 min Scan# 1255
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	55163		
63	52.1	44.8	67.2	
89	78.7	56.2	84.2	
182	1.7	1.5	2.3	

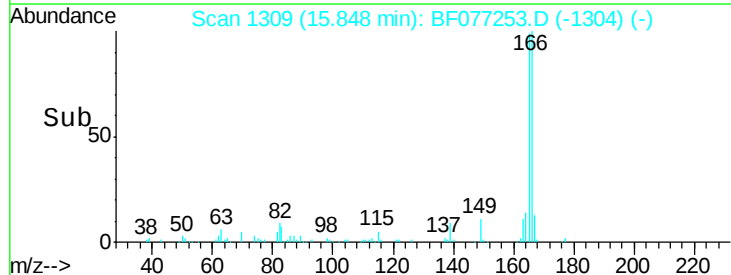
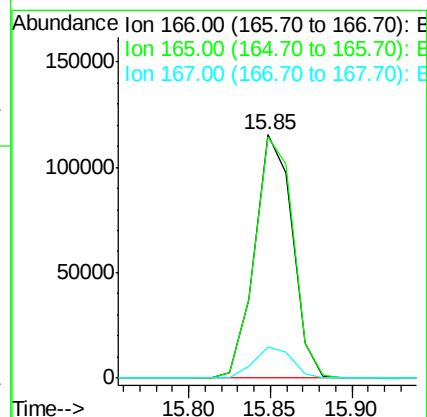
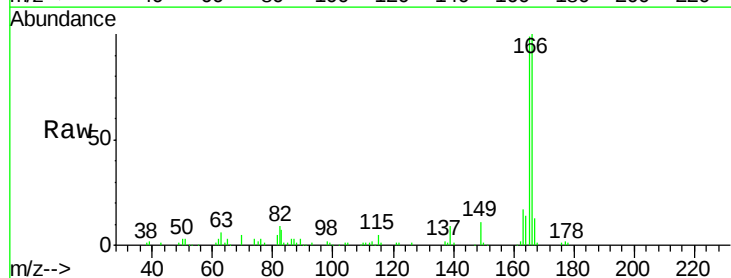
Manual Integrations
 APPROVED

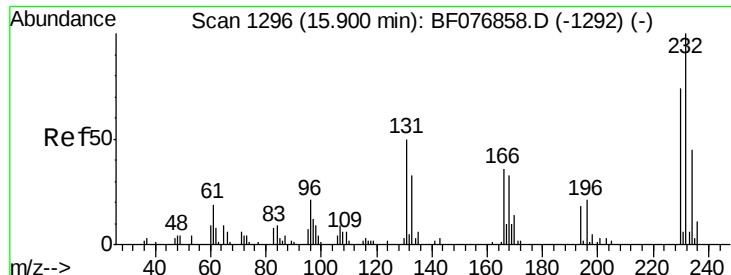
apatel
 2/12/2015 4:12:07 PM



#57
 Fluorene
 Concen: 38.95 ng
 RT: 15.85 min Scan# 1309
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	185490		
165	99.0	78.5	117.7	
167	13.0	10.4	15.6	





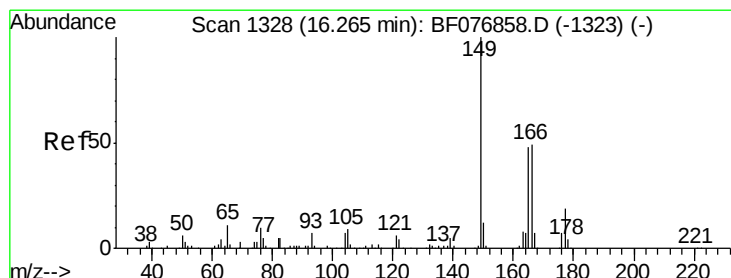
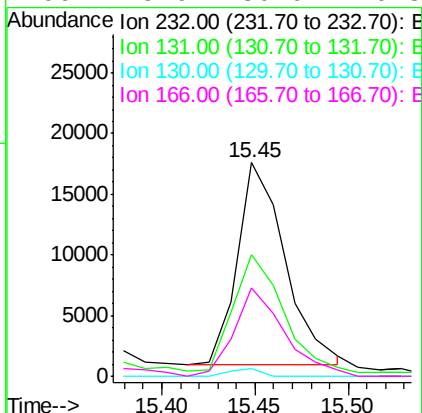
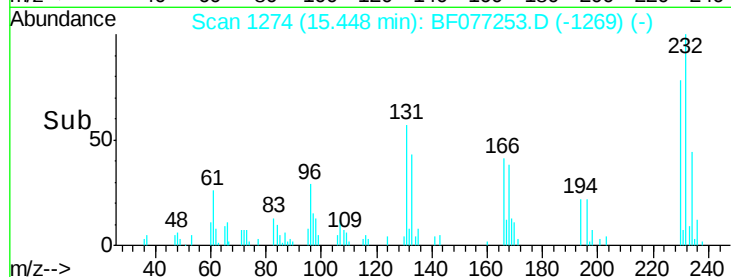
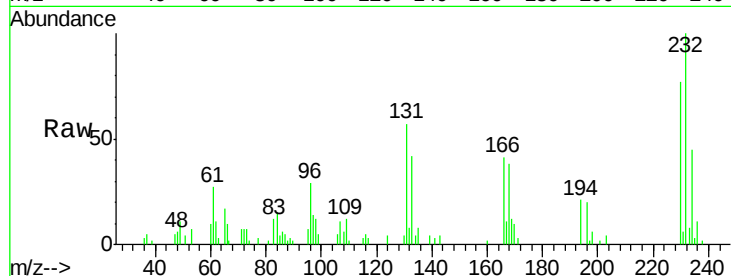
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.59 ng
 RT: 15.45 min Scan# 1274
 Delta R.T. -0.05 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	29698		
131	59.0	45.0	67.6	
130	2.4	2.6	3.8	
166	45.6	30.9	46.3	

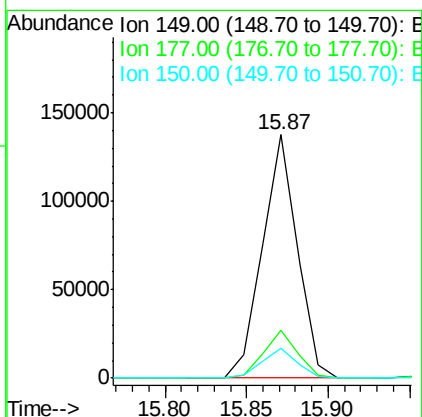
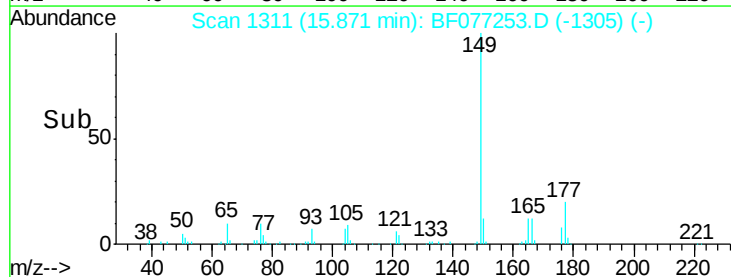
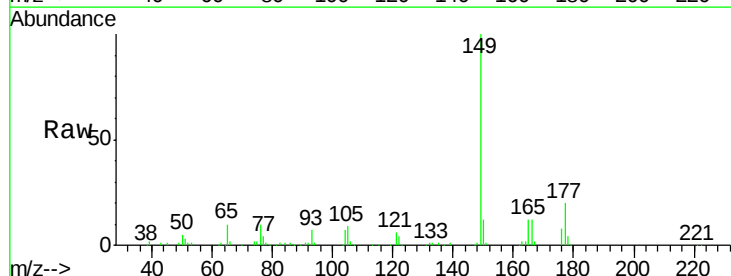
Manual Integrations
 APPROVED

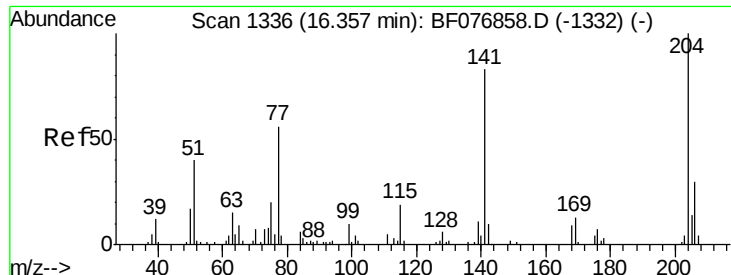
apatel
 2/12/2015 4:12:07 PM



#59
 Diethylphthalate
 Concen: 43.22 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	204726		
177	19.7	15.0	22.6	
150	12.2	9.4	14.0	





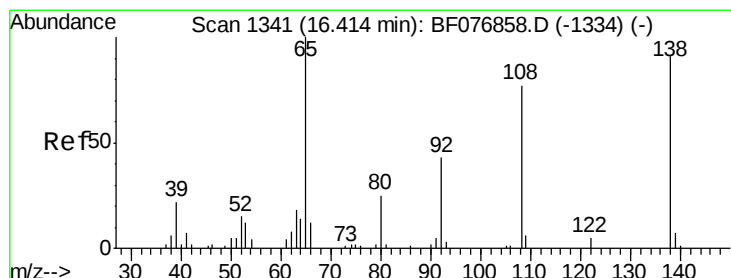
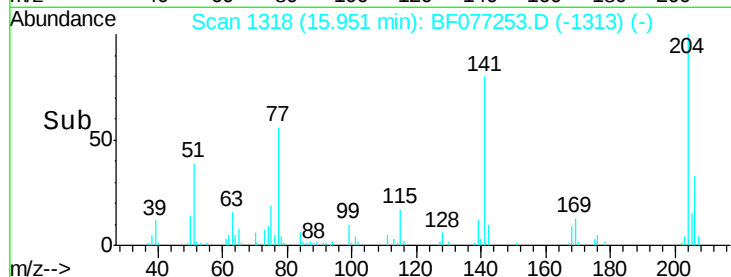
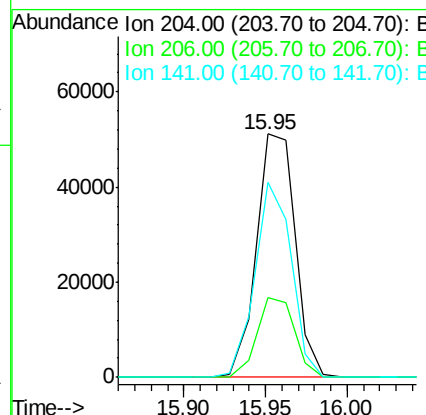
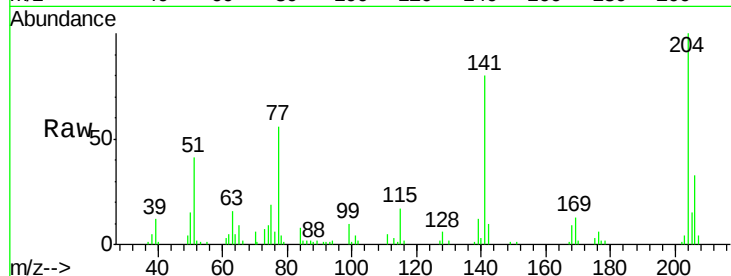
#60
4-Chlorophenyl-phenylether
Concen: 43.40 ng
RT: 15.95 min Scan# 1318
Delta R.T. -0.05 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleId :
PB81706BS

Tgt Ion: 204 Resp: 84550
Ion Ratio Lower Upper
204 100
206 32.9 24.2 36.2
141 79.8 66.7 100.1

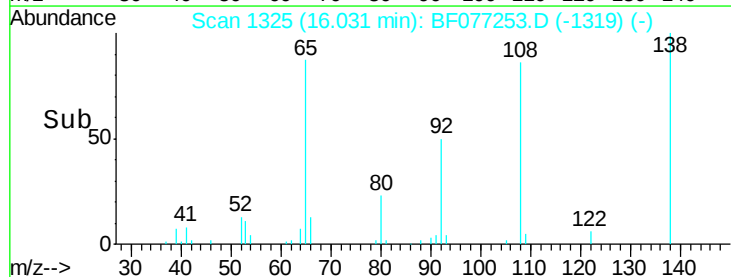
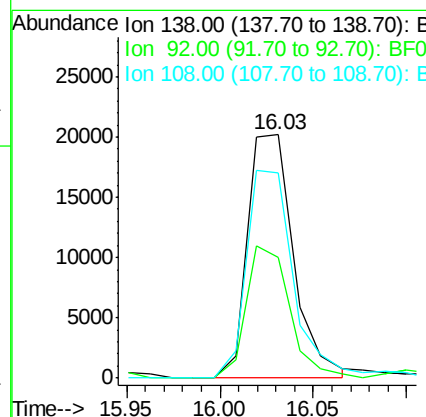
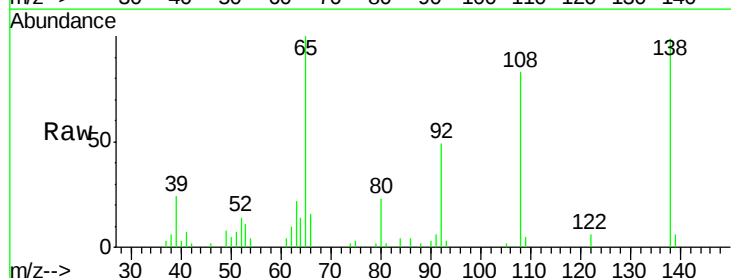
Manual Integrations
APPROVED

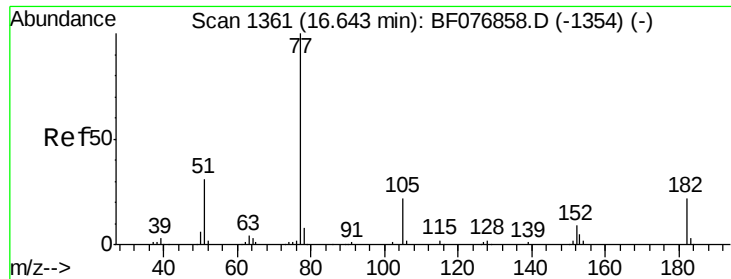
apatel
2/12/2015 4:12:07 PM



#61
4-Nitroaniline
Concen: 31.37 ng
RT: 16.03 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion: 138 Resp: 34686
Ion Ratio Lower Upper
138 100
92 49.5 26.7 66.7
108 84.4 64.5 104.5





#62

Azobenzene

Concen: 38.38 ng m

RT: 16.26 min Scan# 1345

Delta R.T. -0.03 min

Lab File: BF077253.D

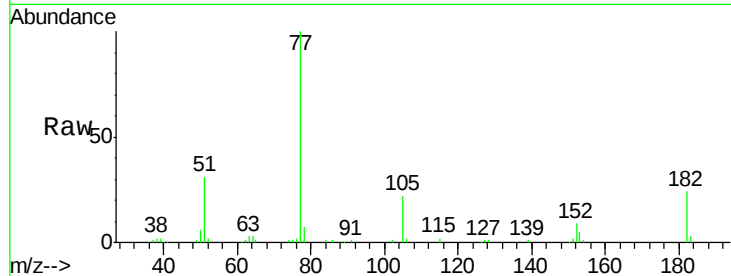
Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

ClientSampleId :

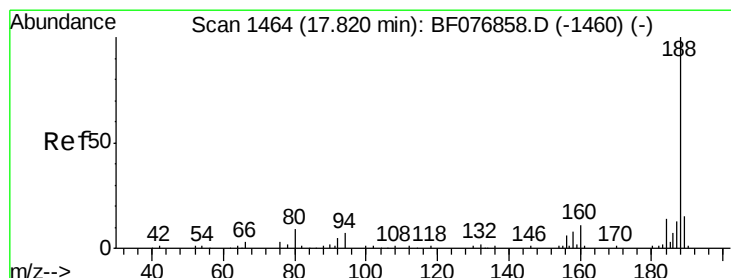
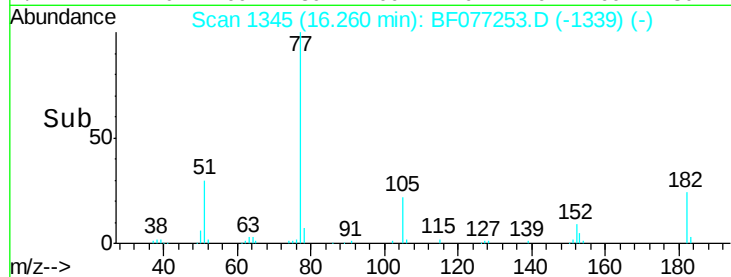
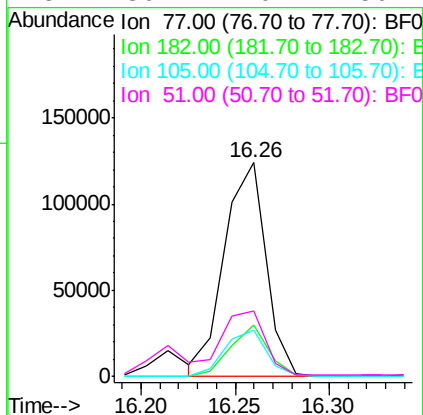
PB81706BS



Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	2.0	42.0
105	21.7	2.3	42.3
51	30.7	10.7	50.7

Manual Integrations
APPROVED

apatel
2/12/2015 4:12:07 PM



#63

Phenanthrene-d10

Concen: 40.00 ng

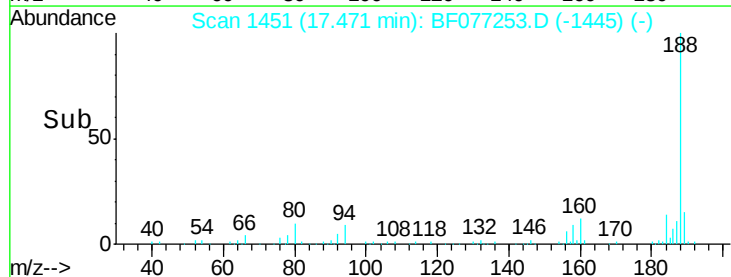
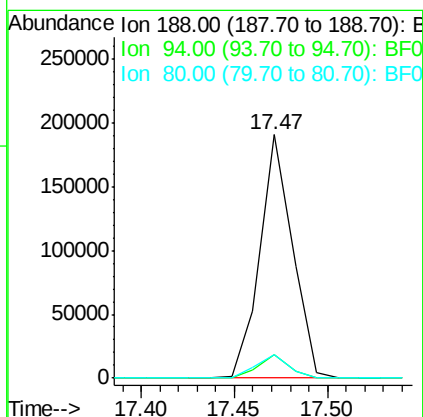
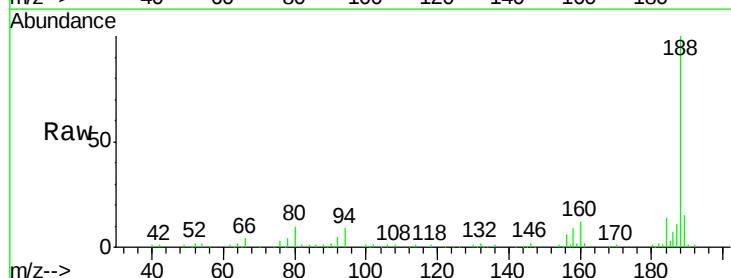
RT: 17.47 min Scan# 1451

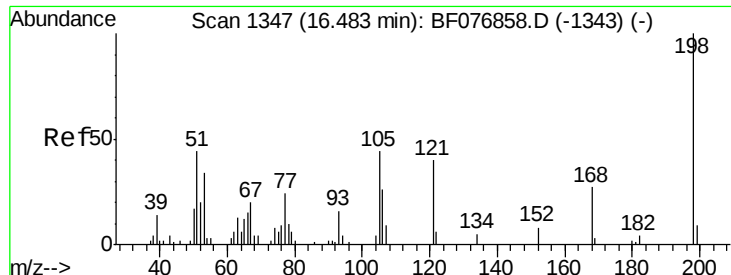
Delta R.T. -0.03 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.0	9.0#
80	9.9	6.9	10.3





#64

4,6-Dinitro-2-methylphenol

Concen: 35.75 ng

RT: 16.10 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BF077253.D

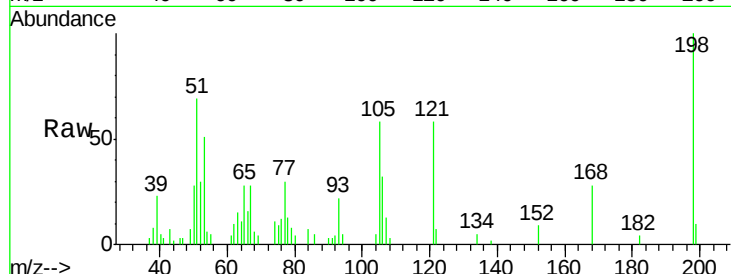
Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

ClientSampleId :

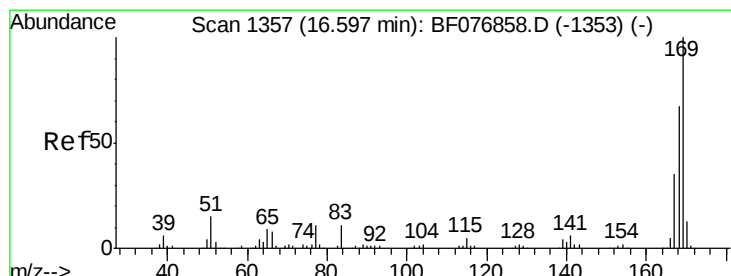
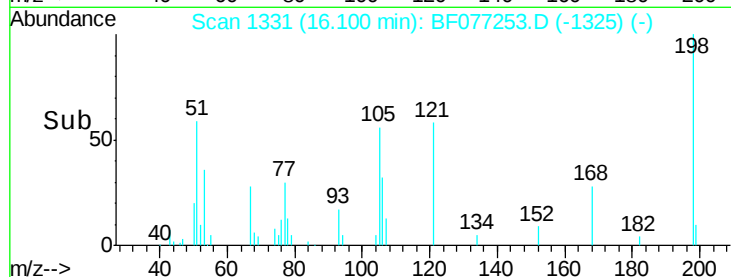
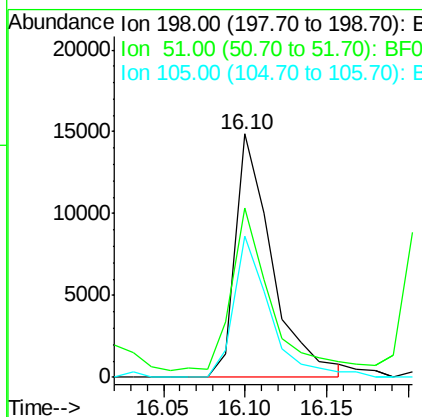
PB81706BS



Tgt Ion:	198	Resp:	23195
Ion Ratio	Lower	Upper	
198	100		
51	69.4	24.2	64.2#
105	57.8	24.0	64.0

Manual Integrations
APPROVED

apatel
2/12/2015 4:12:07 PM



#65

n-Nitrosodiphenylamine

Concen: 39.00 ng

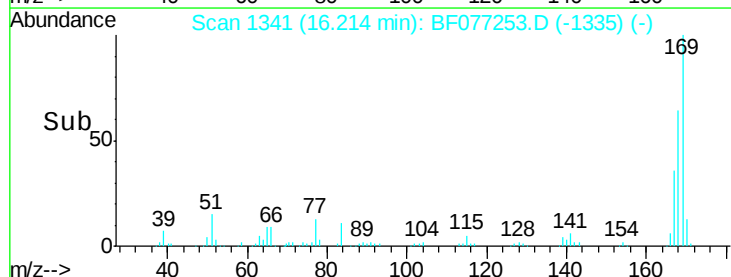
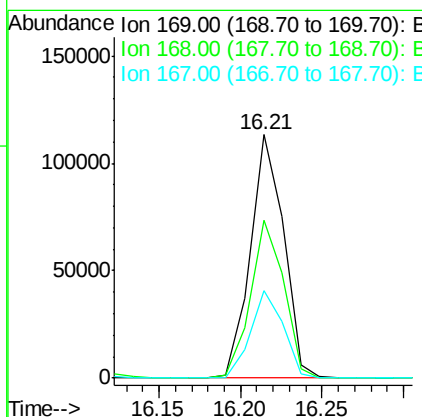
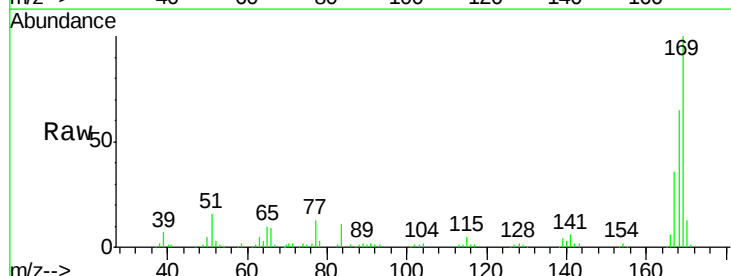
RT: 16.21 min Scan# 1341

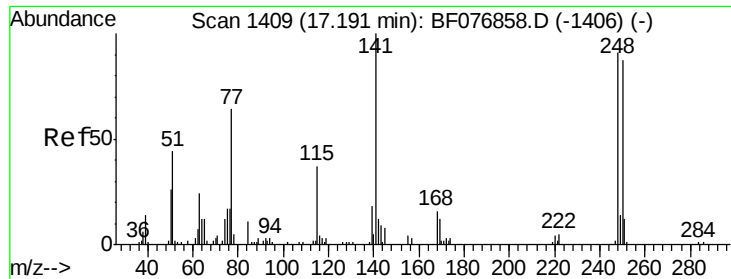
Delta R.T. -0.03 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Tgt Ion:	169	Resp:	160386
Ion Ratio	Lower	Upper	
169	100		
168	64.8	53.8	80.6
167	35.7	27.8	41.6





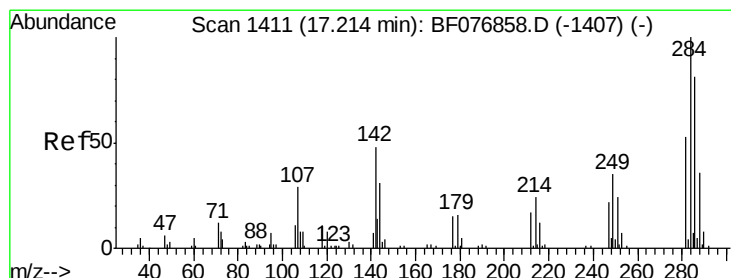
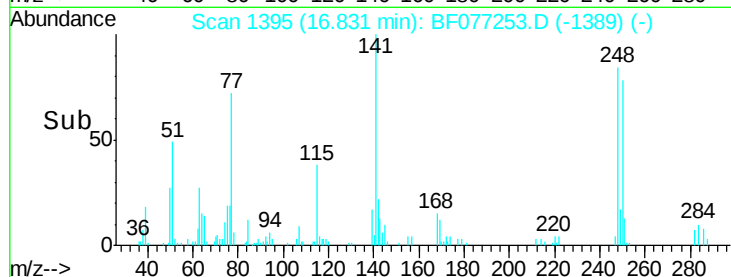
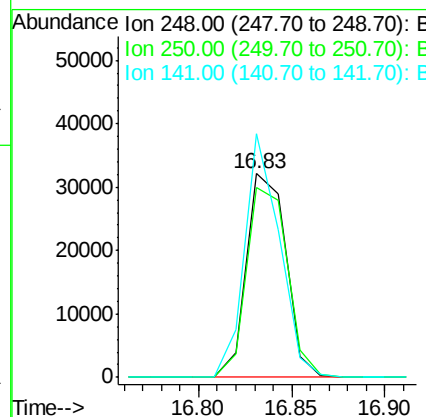
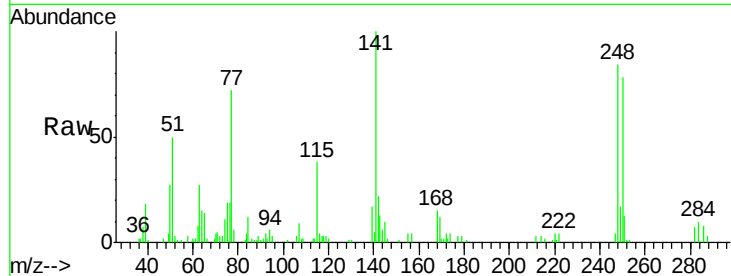
#66
4-Bromophenyl-phenylether
Concen: 40.30 ng
RT: 16.83 min Scan# 1395
Delta R.T. -0.03 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleID :
PB81706BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.0	77.1	115.7
141	119.5	88.2	132.4

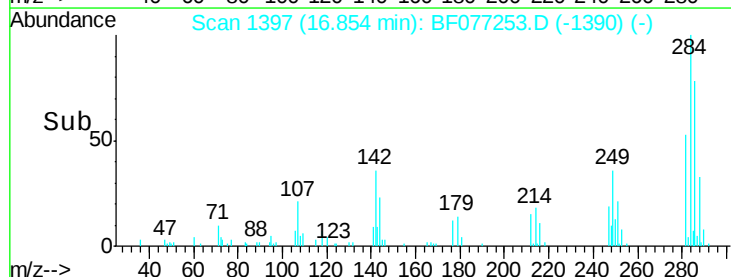
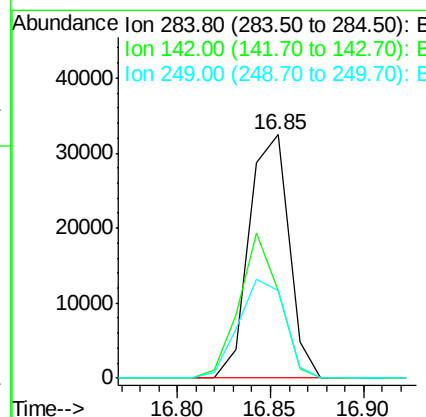
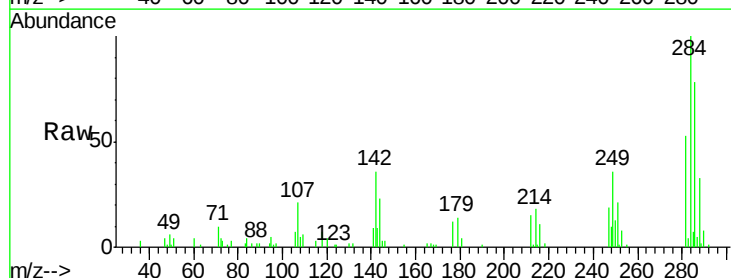
Manual Integrations
APPROVED

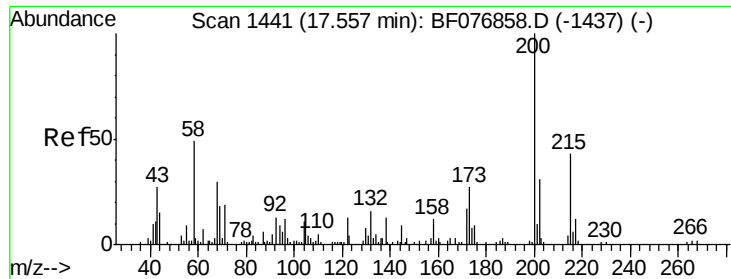
apatel
2/12/2015 4:12:07 PM



#67
Hexachlorobenzene
Concen: 38.92 ng
RT: 16.85 min Scan# 1397
Delta R.T. -0.02 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	38.2	57.4#
249	36.0	28.2	42.2





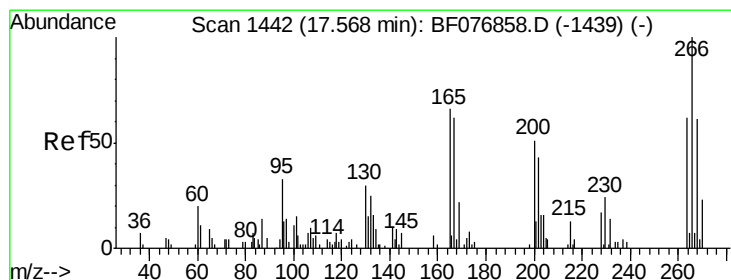
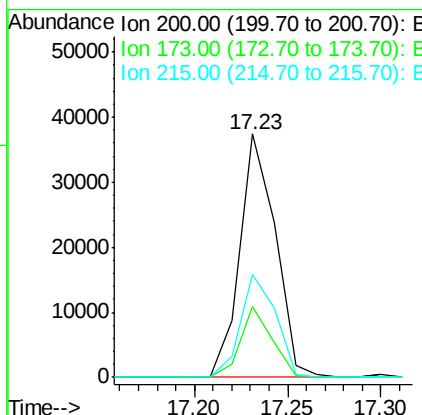
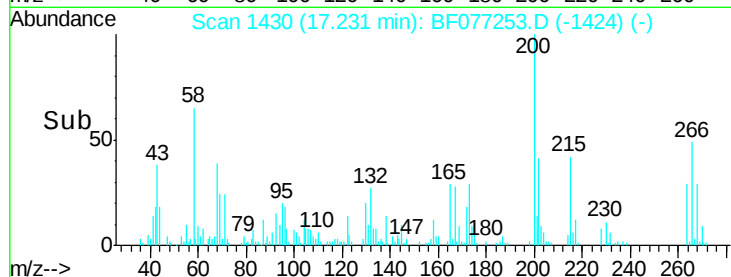
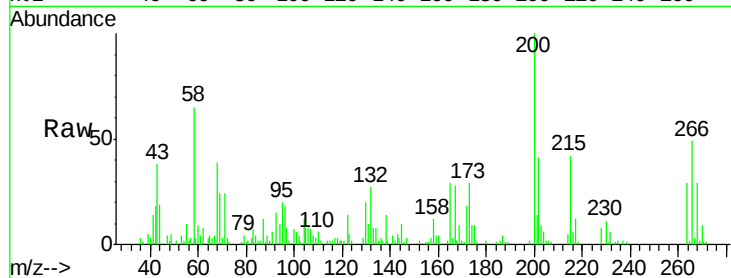
#68
 Atrazine
 Concen: 39.76 ng
 RT: 17.23 min Scan# 1430
 Delta R.T. -0.03 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.3	6.6	46.6
215	42.0	22.9	62.9

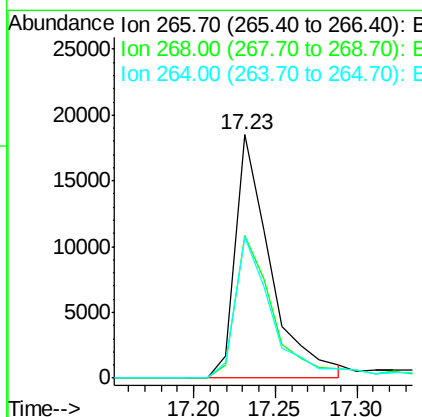
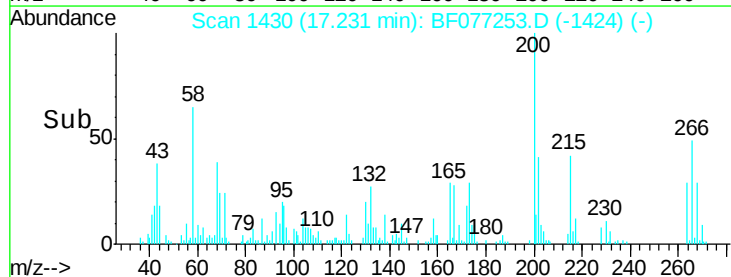
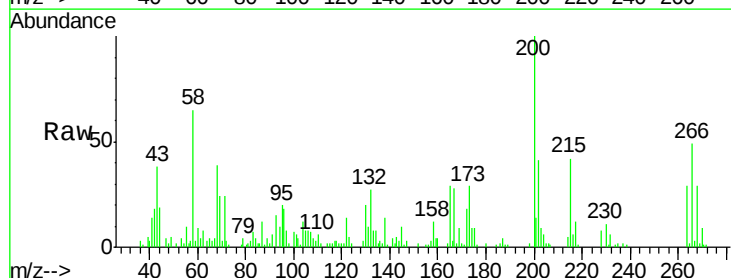
Manual Integrations
 APPROVED

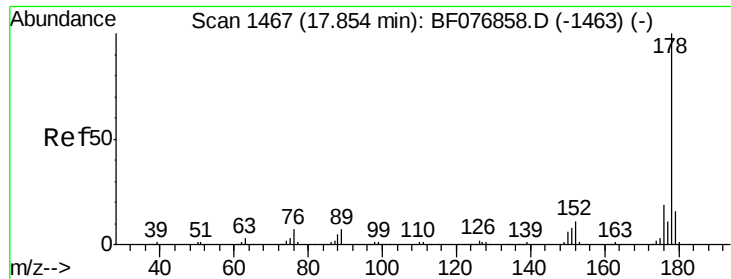
apatel
 2/12/2015 4:12:07 PM



#69
 Pentachlorophenol
 Concen: 58.30 ng
 RT: 17.23 min Scan# 1430
 Delta R.T. -0.03 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	58.5	48.6	72.8
264	57.8	49.5	74.3





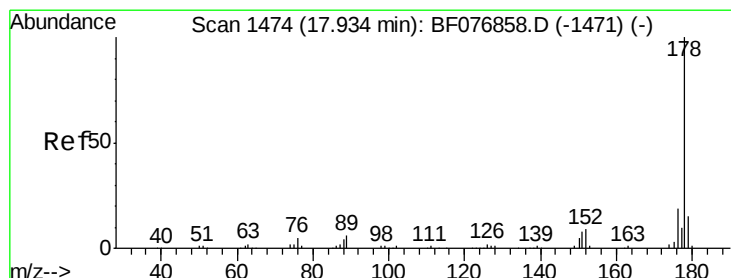
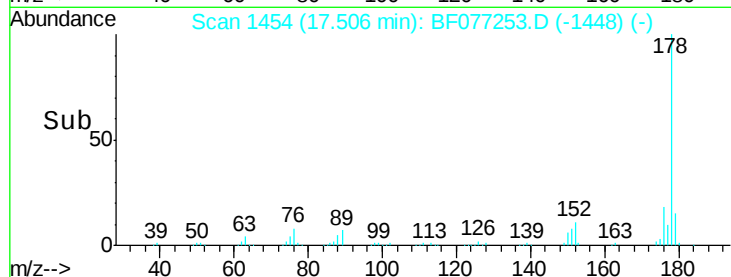
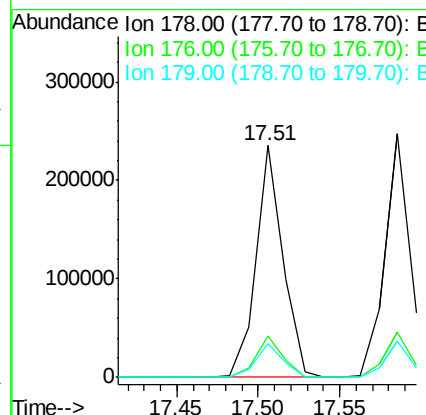
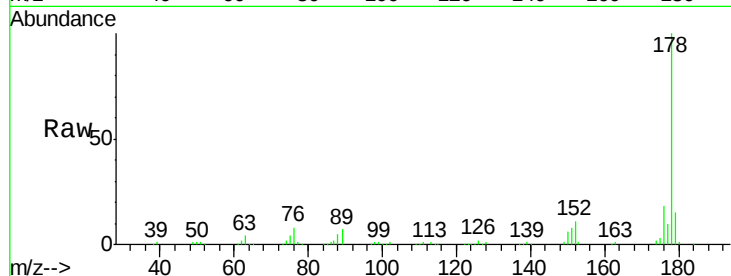
#70
Phenanthrene
Concen: 37.35 ng
RT: 17.51 min Scan# 1454
Delta R.T. -0.03 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleId :
PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	268643		
176	18.0	15.1	22.7	
179	14.6	12.7	19.1	

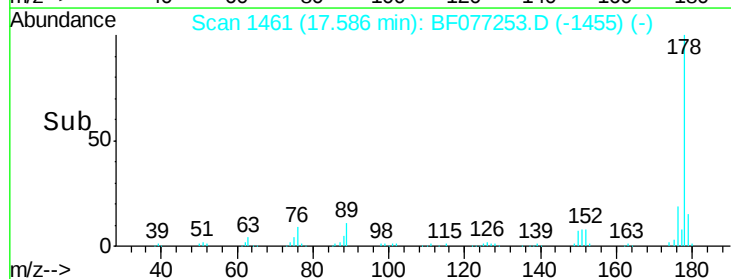
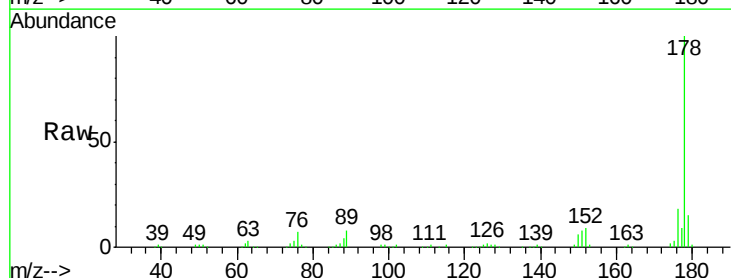
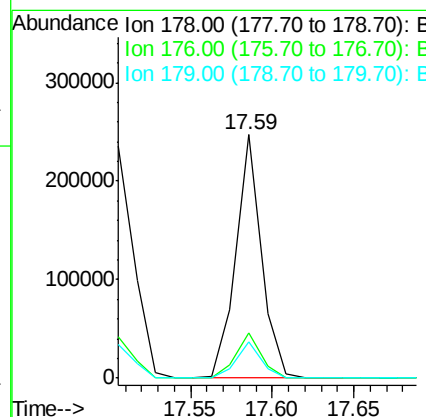
Manual Integrations
APPROVED

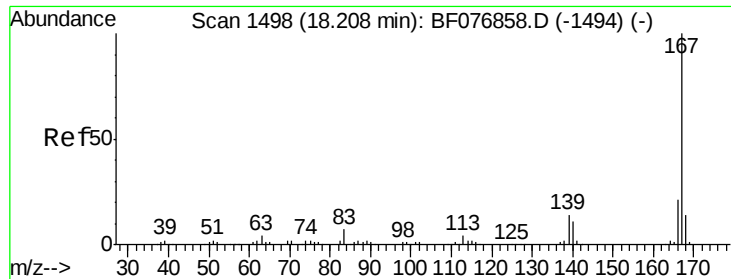
apatel
2/12/2015 4:12:07 PM



#71
Anthracene
Concen: 38.11 ng
RT: 17.59 min Scan# 1461
Delta R.T. -0.03 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	267342		
176	18.4	15.4	23.0	
179	15.1	11.9	17.9	





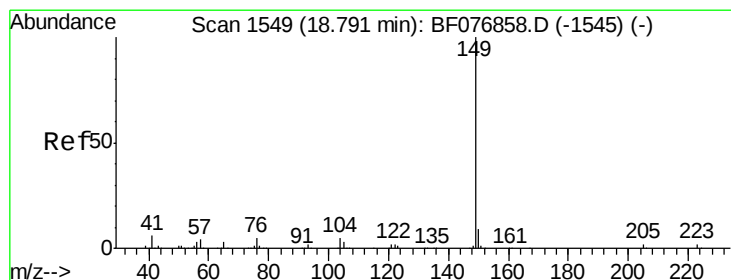
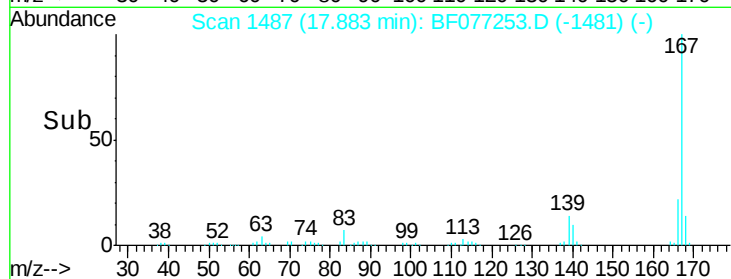
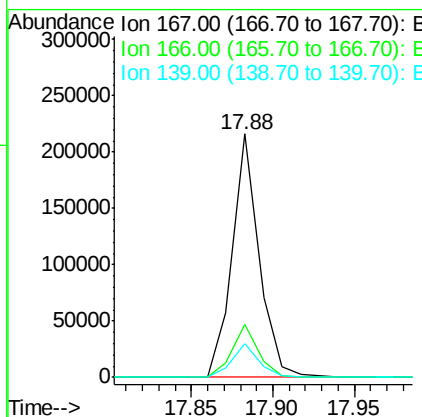
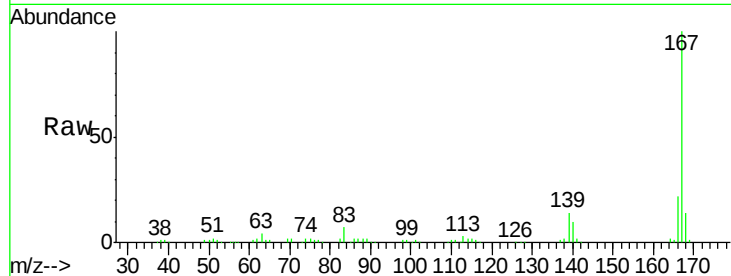
#72
 Carbazole
 Concen: 36.10 ng
 RT: 17.88 min Scan# 1487
 Delta R.T. -0.03 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	245589		
166	22.0	17.0	25.6	
139	14.1	11.3	16.9	

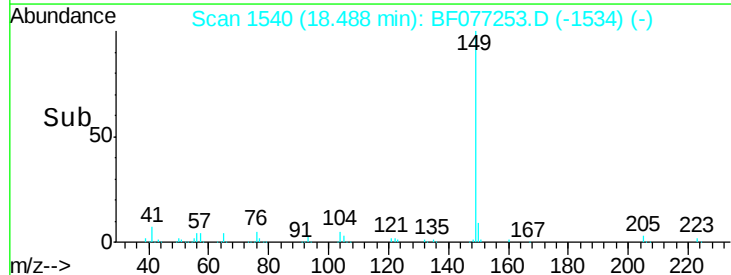
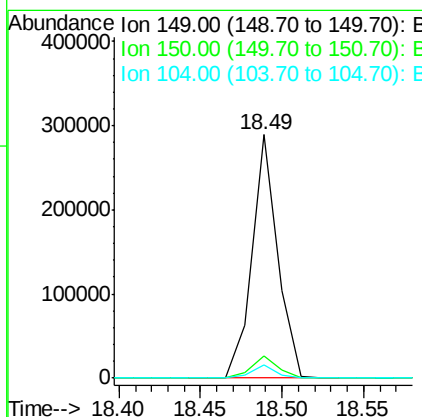
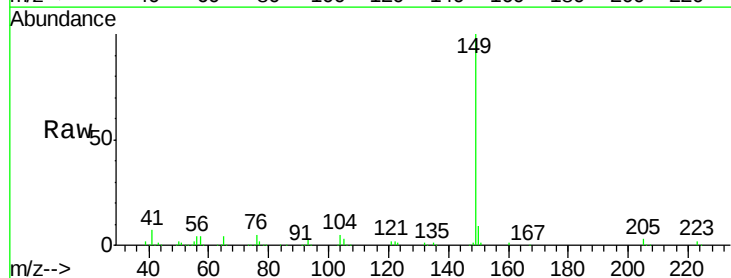
Manual Integrations
 APPROVED

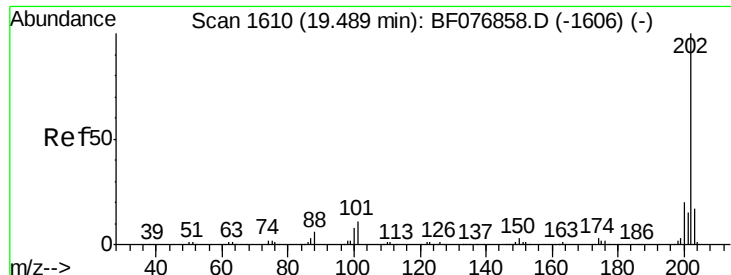
apatel
 2/12/2015 4:12:07 PM



#73
 Di-n-butylphthalate
 Concen: 40.00 ng
 RT: 18.49 min Scan# 1540
 Delta R.T. -0.03 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	315004		
150	8.9	6.9	10.3	
104	5.2	3.7	5.5	





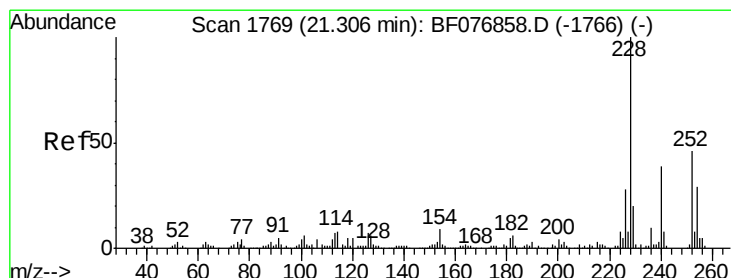
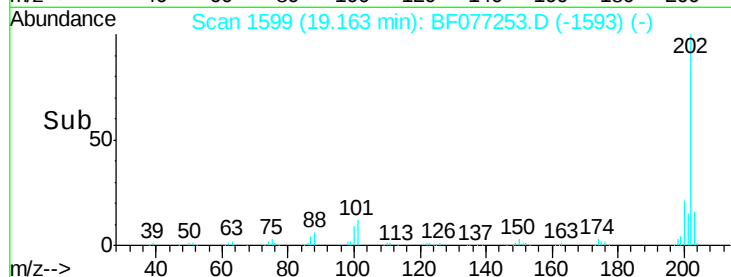
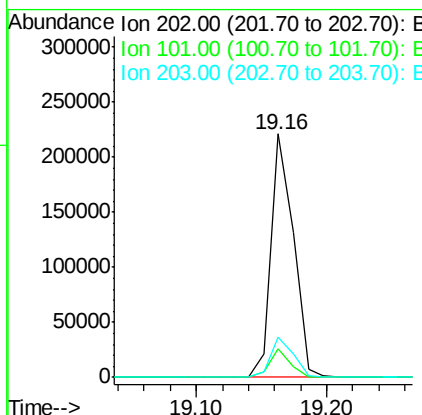
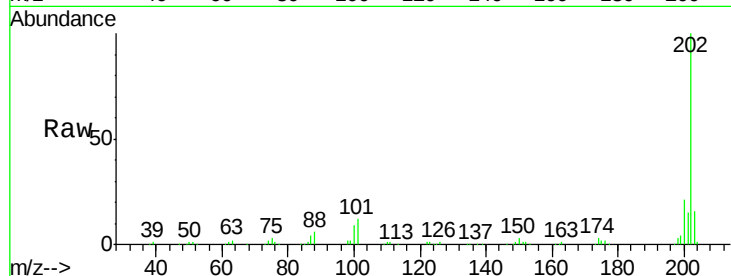
#74
 Fluoranthene
 Concen: 35.82 ng
 RT: 19.16 min Scan# 1599
 Delta R.T. -0.03 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.9	0.0	30.7
203	16.4	0.0	36.9

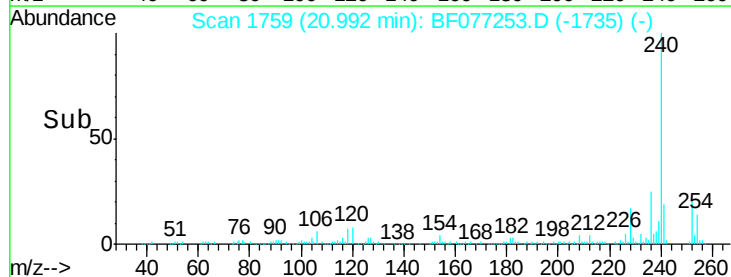
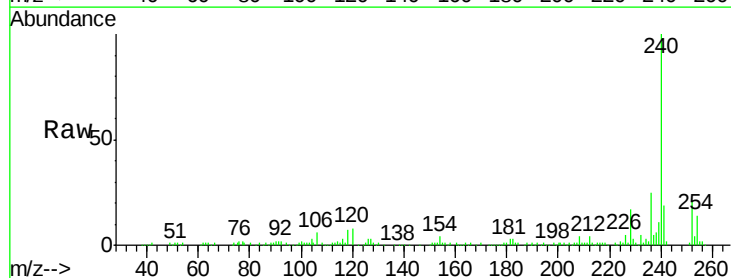
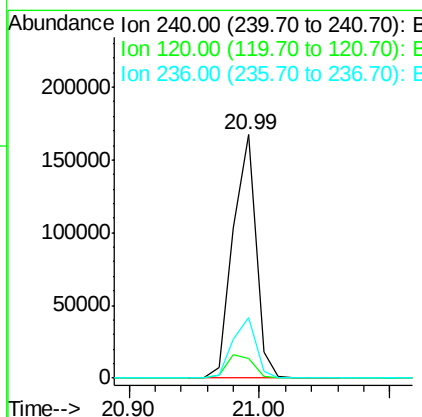
Manual Integrations
 APPROVED

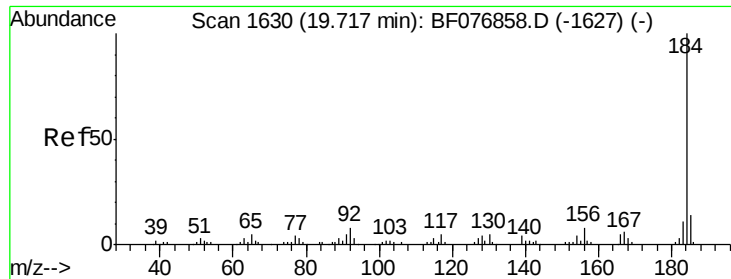
apatel
 2/12/2015 4:12:07 PM



#75
 Chrysene-d12
 Concen: 40.00 ng
 RT: 20.99 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	8.2	10.4	15.6#
236	25.1	20.2	30.2





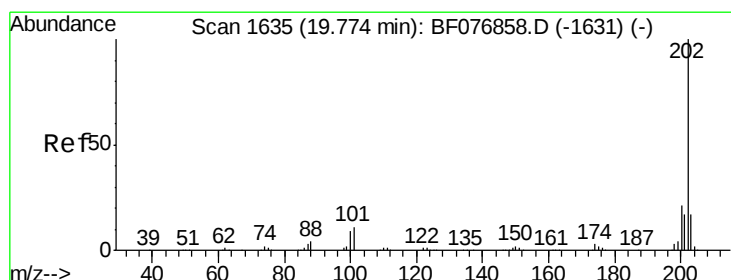
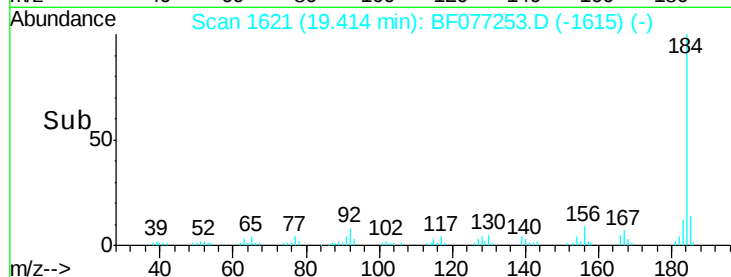
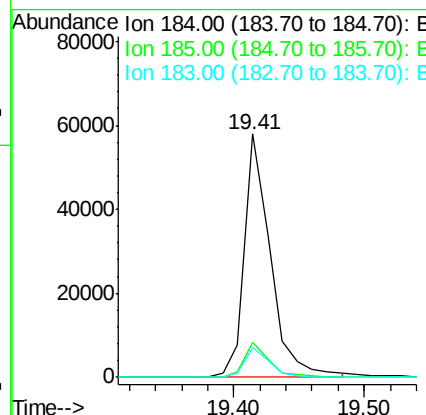
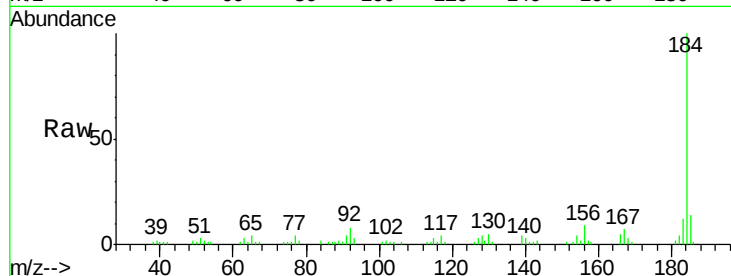
#76
Benzidine
Concen: 24.56 ng
RT: 19.41 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleId :
PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	80479		
185	14.3		11.4	17.2
183	12.1		9.0	13.6

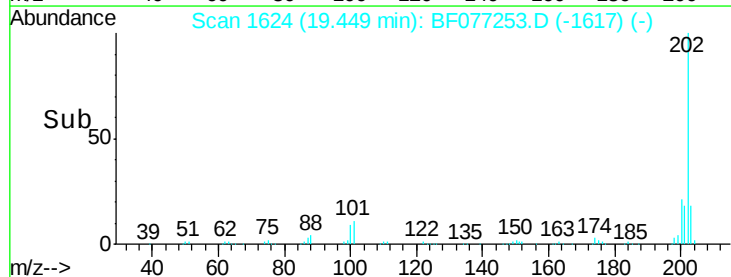
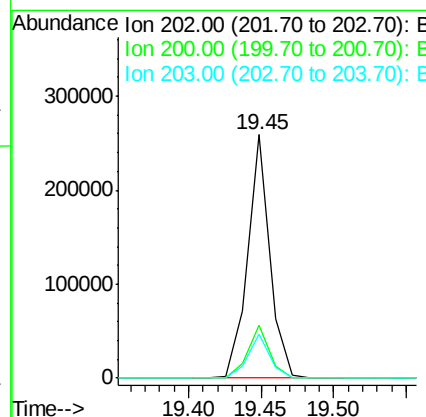
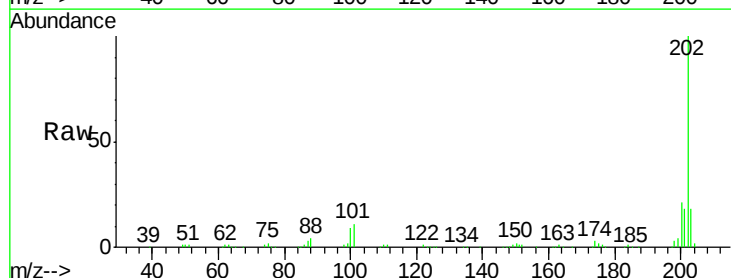
Manual Integrations
APPROVED

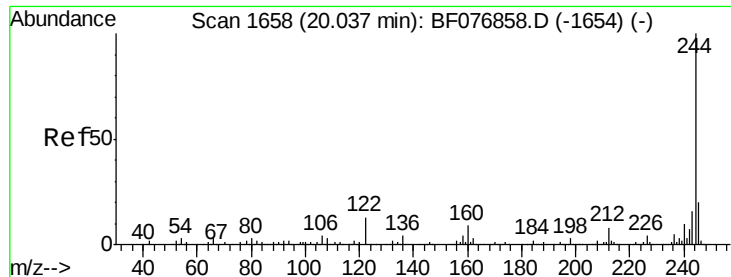
apatel
2/12/2015 4:12:07 PM



#77
Pyrene
Concen: 38.97 ng
RT: 19.45 min Scan# 1624
Delta R.T. -0.02 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	273463		
200	21.5		16.7	25.1
203	17.9		14.0	21.0





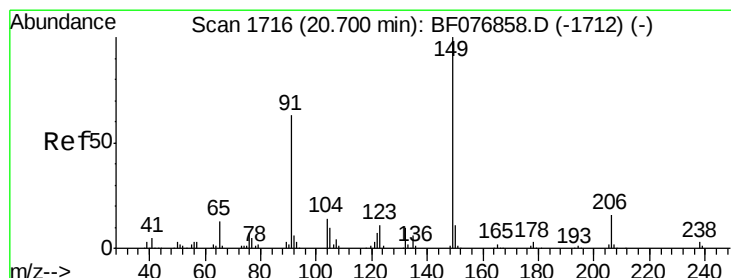
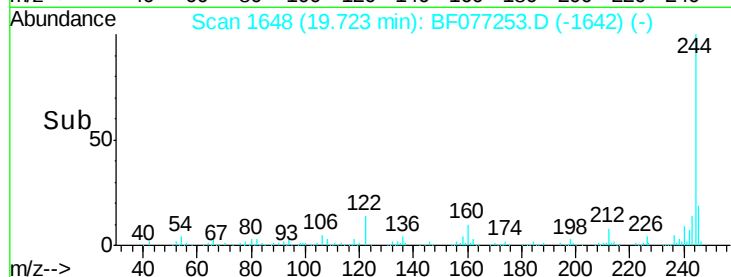
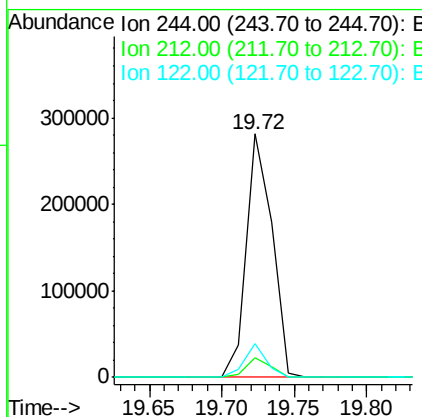
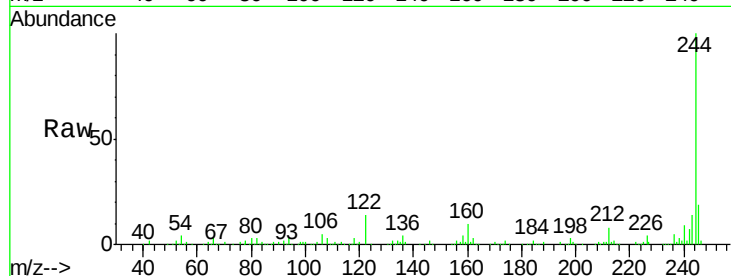
#78
 Terphenyl-d14
 Concen: 77.84 ng
 RT: 19.72 min Scan# 1648
 Delta R.T. -0.03 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	346201		
212	7.8	6.3	9.5	
122	13.7	10.1	15.1	

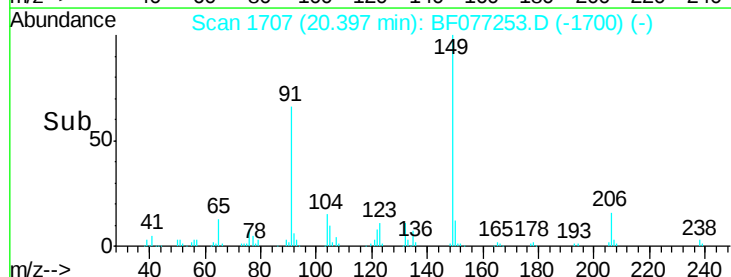
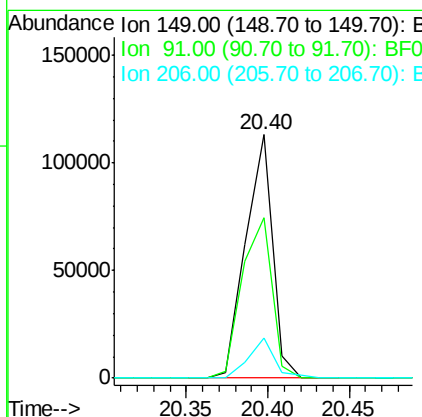
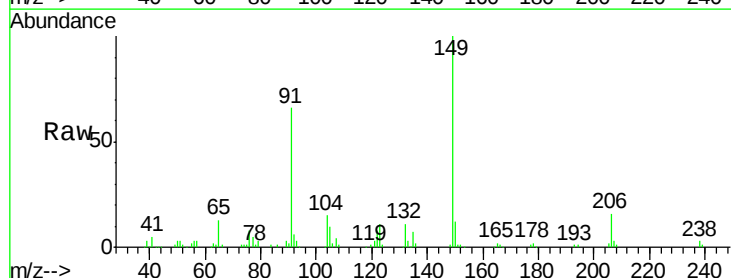
Manual Integrations
 APPROVED

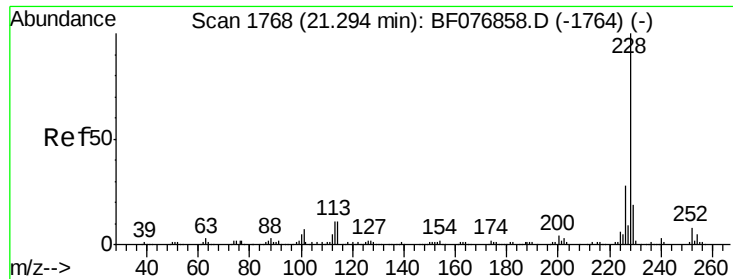
apatel
 2/12/2015 4:12:07 PM



#79
 Butylbenzylphthalate
 Concen: 40.68 ng
 RT: 20.40 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	129300		
91	65.6	50.6	76.0	
206	16.4	12.8	19.2	





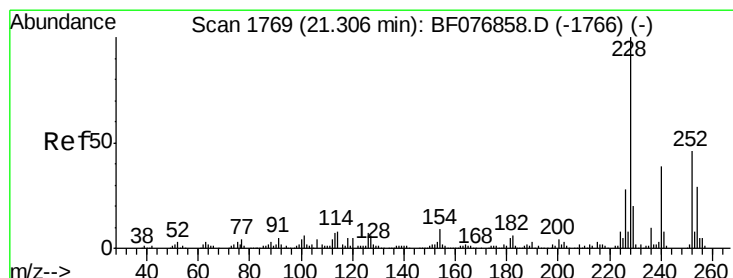
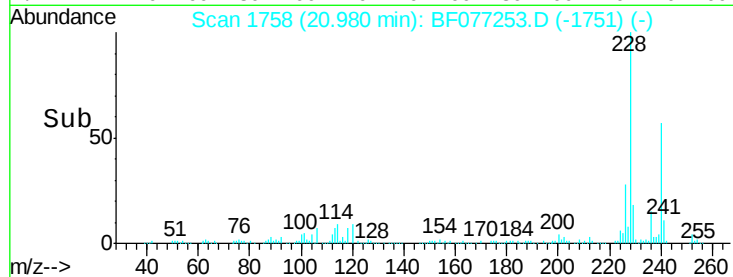
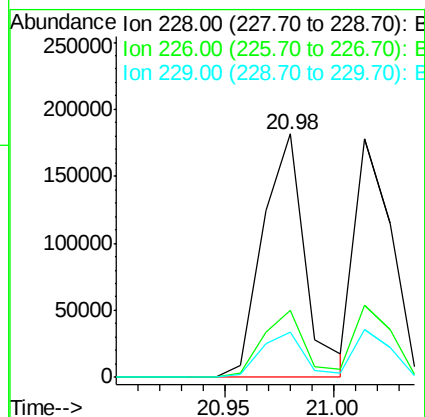
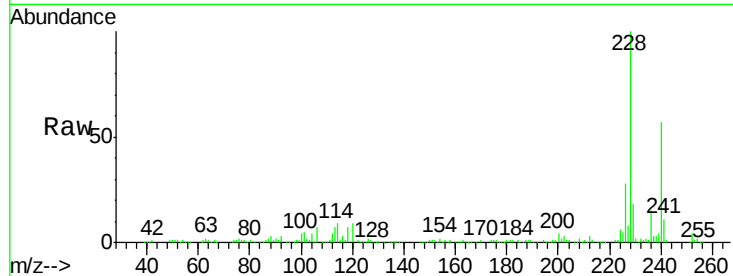
#80
Benzo(a)anthracene
Concen: 38.49 ng
RT: 20.98 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleID :
PB81706BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.5	22.1	33.1
229	18.4	15.5	23.3

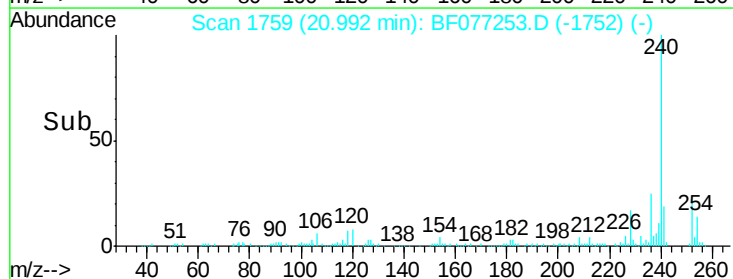
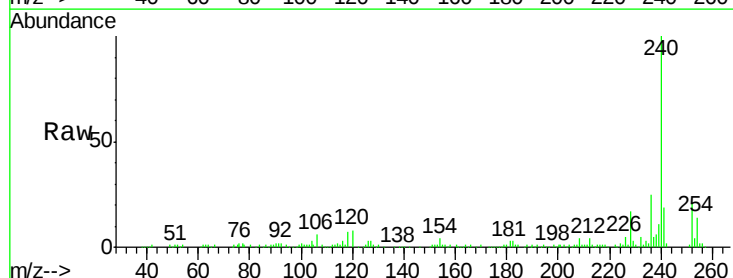
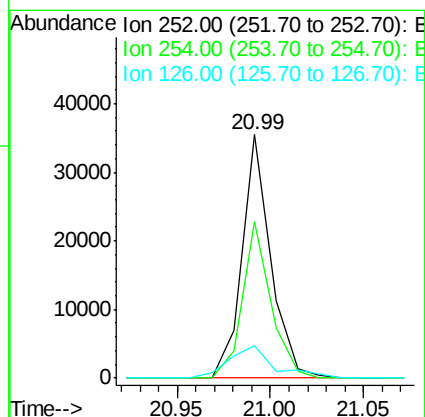
Manual Integrations
APPROVED

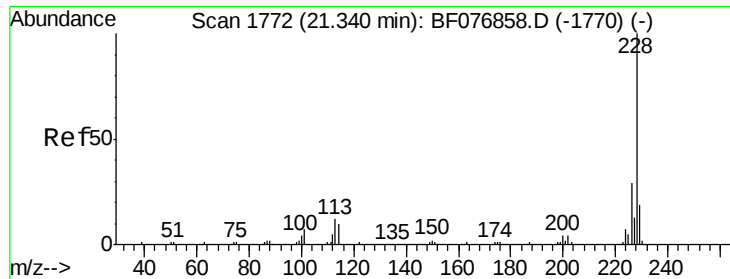
apatel
2/12/2015 4:12:07 PM



#81
3,3'-Dichlorobenzidine
Concen: 18.70 ng
RT: 20.99 min Scan# 1759
Delta R.T. -0.02 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.4	50.2	75.4
126	13.5	11.5	17.3





#82

Chrysene

Concen: 35.24 ng

RT: 21.01 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

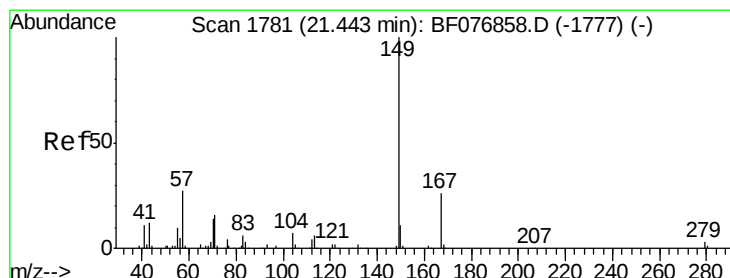
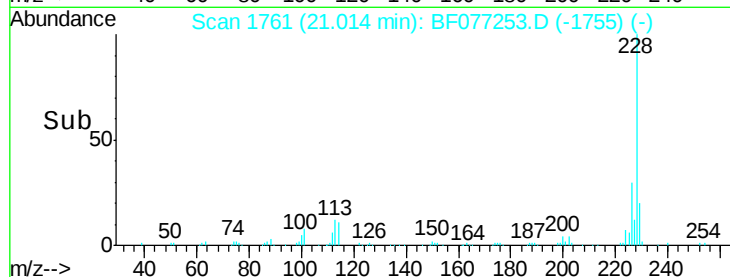
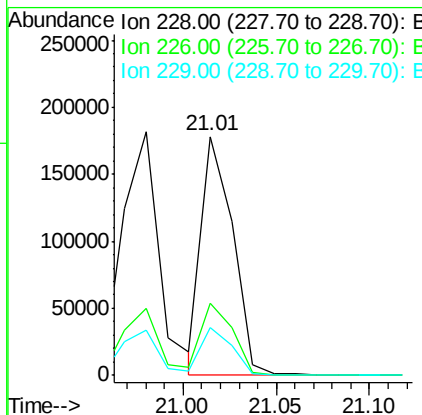
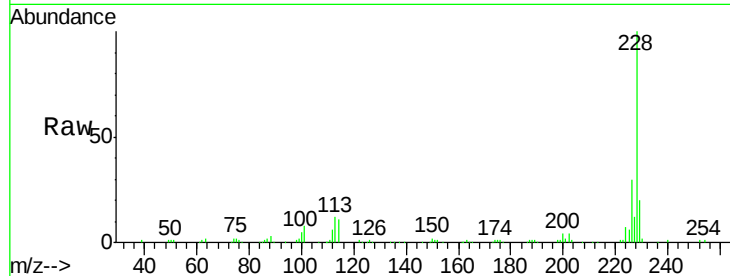
ClientSampleId :

PB81706BS

Tgt Ion:	228	Resp:	206429
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.4	35.0
229	19.9	15.4	23.0

Manual Integrations
APPROVED

apatel
2/12/2015 4:12:07 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 40.24 ng

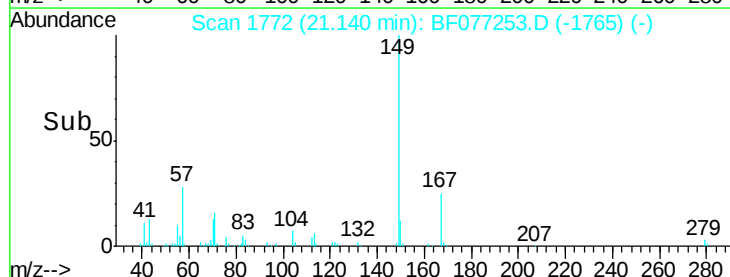
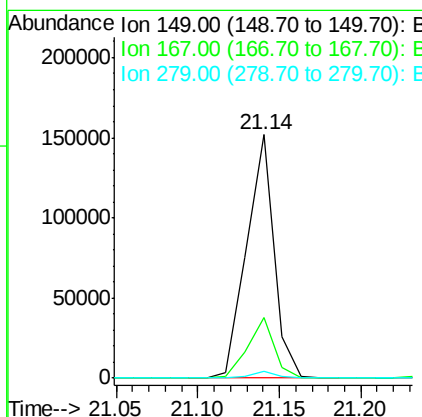
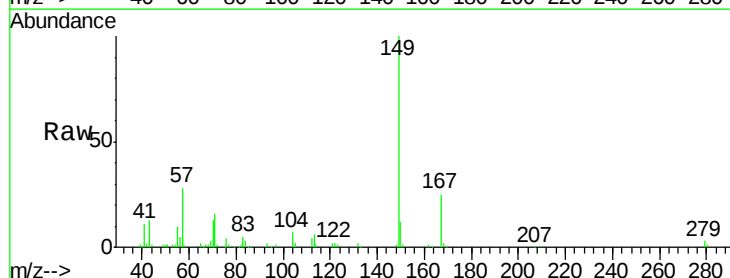
RT: 21.14 min Scan# 1772

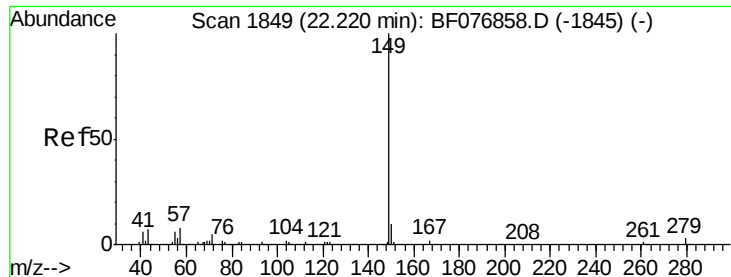
Delta R.T. -0.02 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Tgt Ion:	149	Resp:	176950
Ion Ratio	Lower	Upper	
149	100		
167	25.1	20.6	30.8
279	2.6	2.2	3.2





#84

Di-n-octyl phthalate

Concen: 41.35 ng

RT: 21.91 min Scan# 1839

Delta R.T. -0.02 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Instrument :

BNA_F

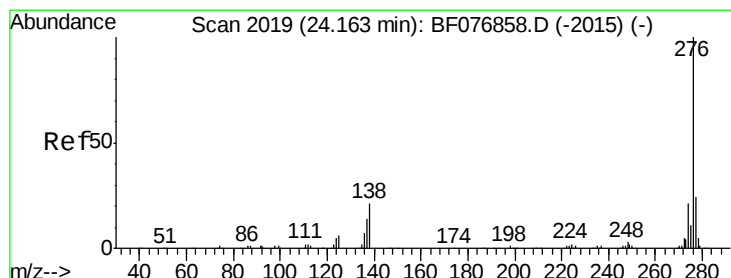
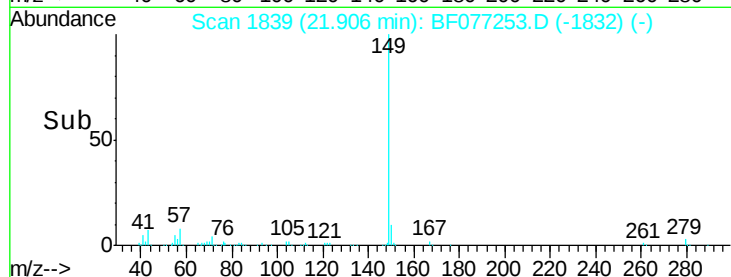
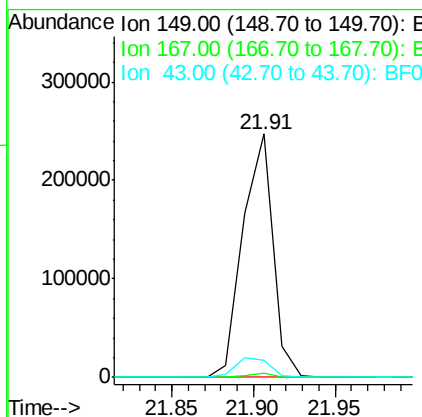
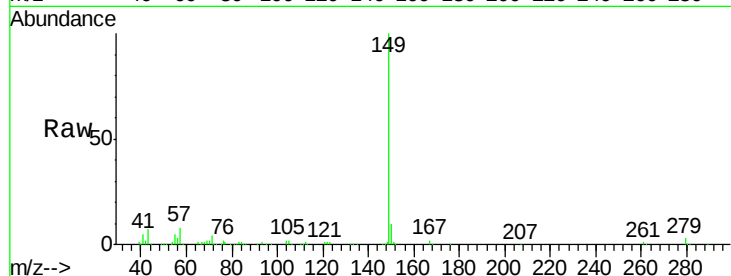
ClientSampleId :

PB81706BS

Tgt Ion:	149	Resp:	315534
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.1	1.7
43	9.0	6.6	10.0

Manual Integrations
APPROVED

apatel
2/12/2015 4:12:07 PM



#85

Indeno(1,2,3-cd)pyrene

Concen: 35.32 ng m

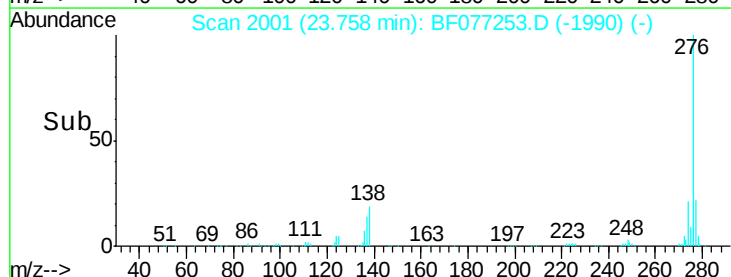
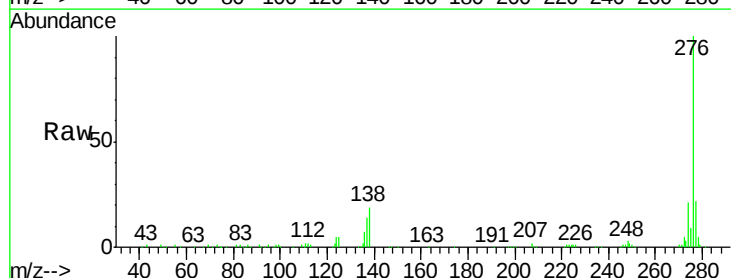
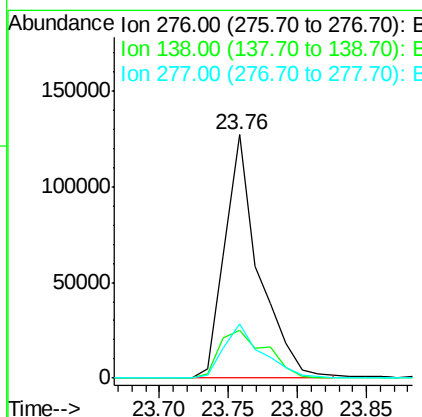
RT: 23.76 min Scan# 2001

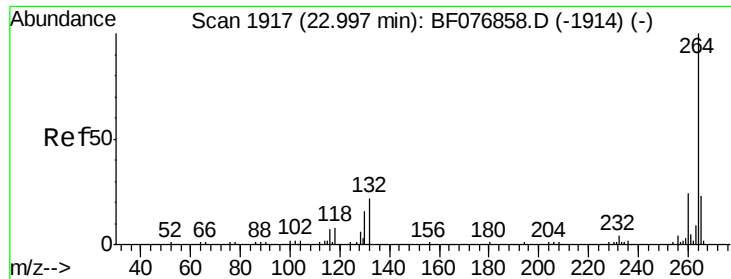
Delta R.T. 0.02 min

Lab File: BF077253.D

Acq: 11 Feb 2015 14:40

Tgt Ion:	276	Resp:	219287
Ion Ratio	Lower	Upper	
276	100		
138	0.0	14.6	22.0#
277	0.0	14.8	22.2#





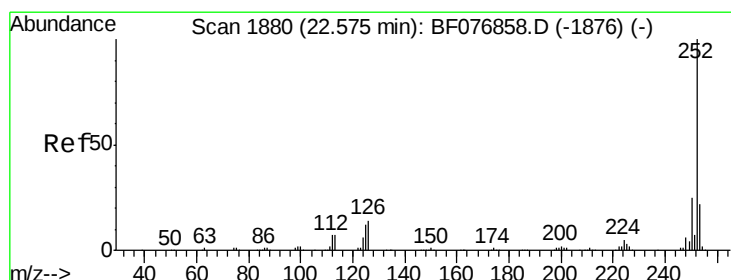
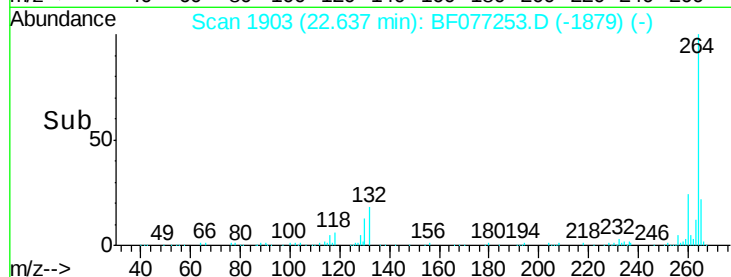
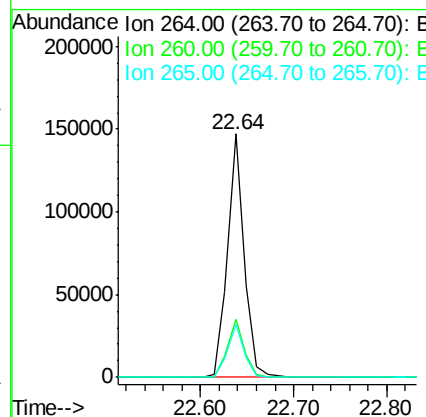
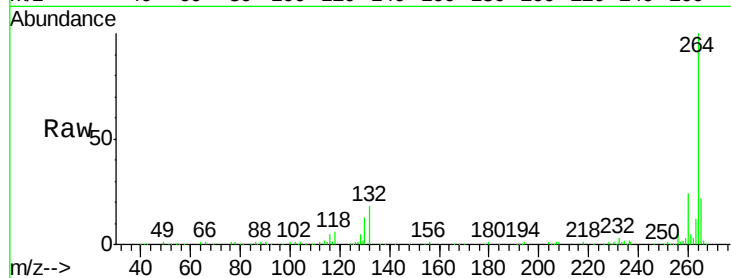
#86
Perylene-d12
Concen: 40.00 ng
RT: 22.64 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleId :
PB81706BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	21.5	18.1	27.1

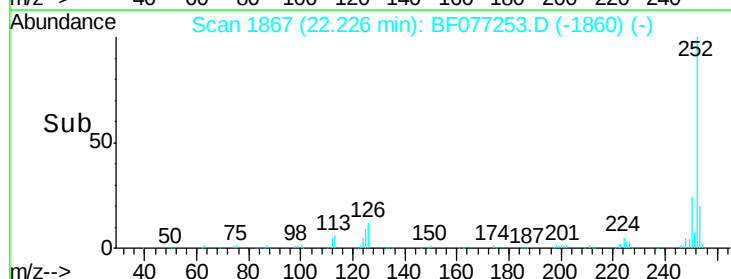
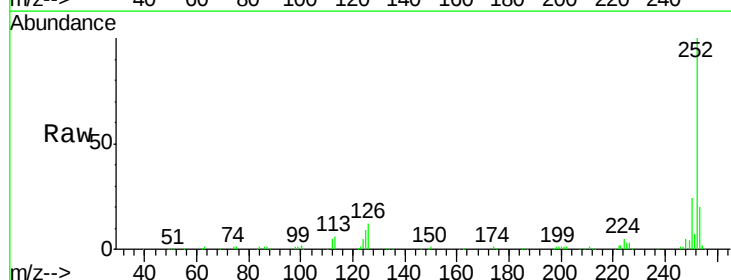
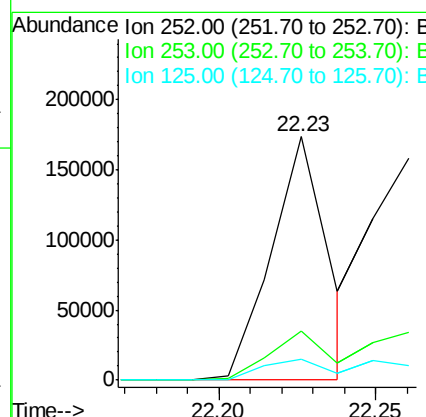
Manual Integrations
APPROVED

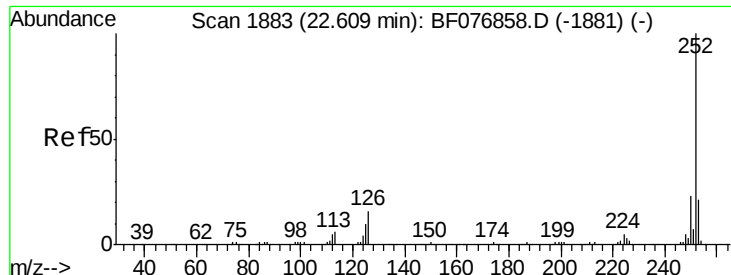
apatel
2/12/2015 4:12:07 PM



#87
Benzo(b)fluoranthene
Concen: 34.79 ng m
RT: 22.23 min Scan# 1867
Delta R.T. -0.02 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.5	26.3
125	8.6	9.4	14.0#





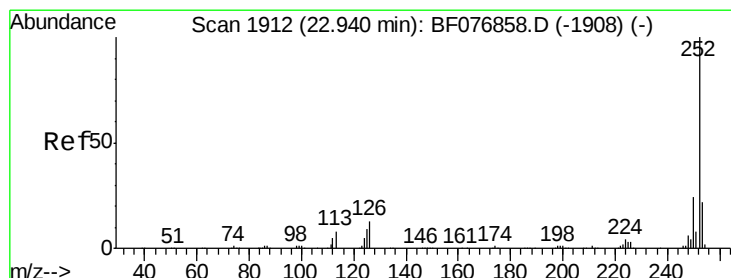
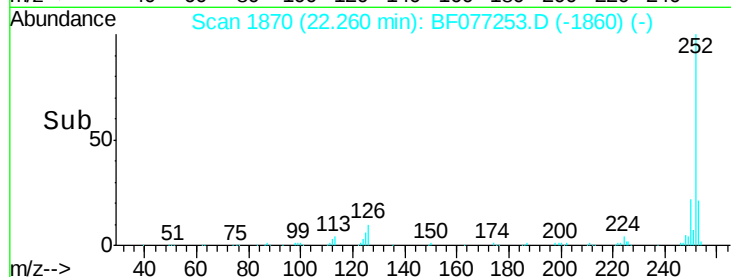
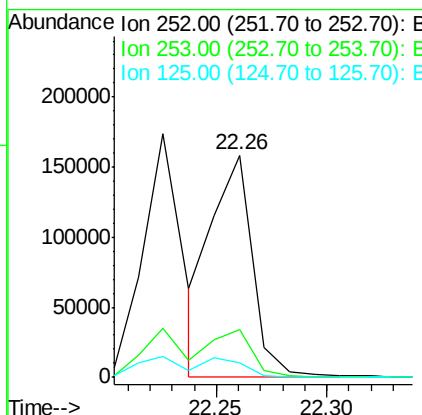
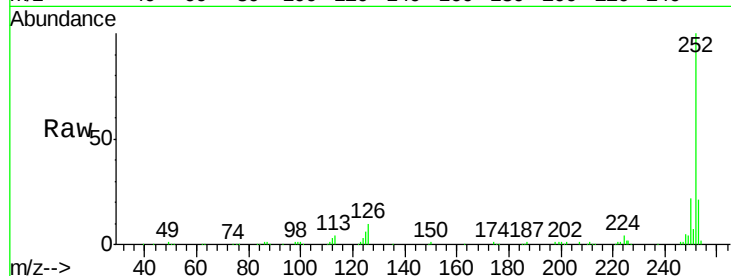
#88
Benzo(k)fluoranthene
Concen: 38.55 ng m
RT: 22.26 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Instrument :
BNA_F
ClientSampleId :
PB81706BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.2	17.2	25.8
125	6.5	7.1	10.7

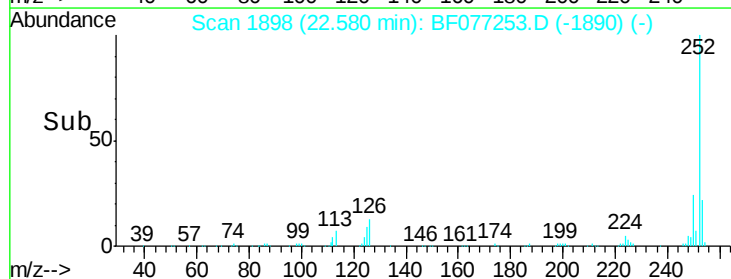
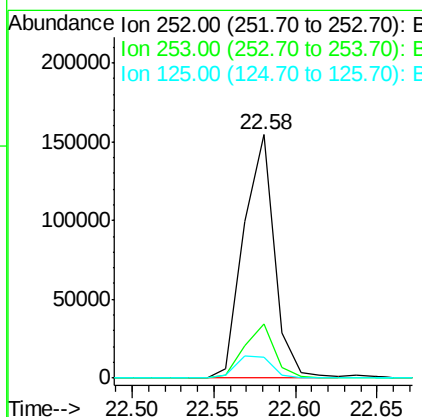
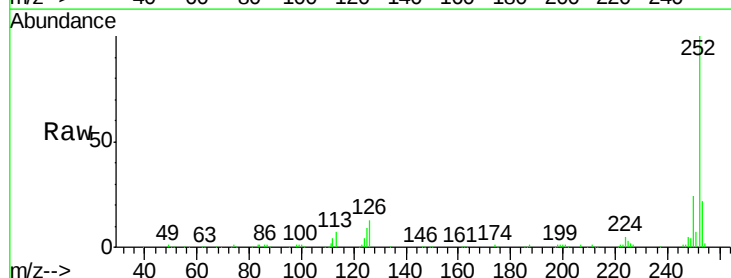
Manual Integrations
APPROVED

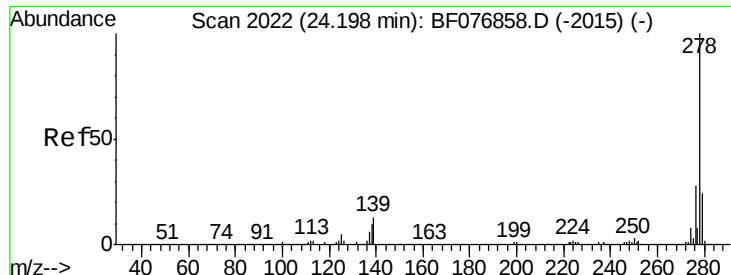
apatel
2/12/2015 4:12:07 PM



#89
Benzo(a)pyrene
Concen: 37.45 ng
RT: 22.58 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF077253.D
Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.9	26.9
125	8.8	7.2	10.8





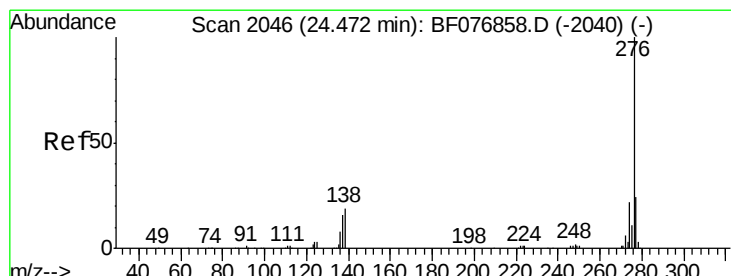
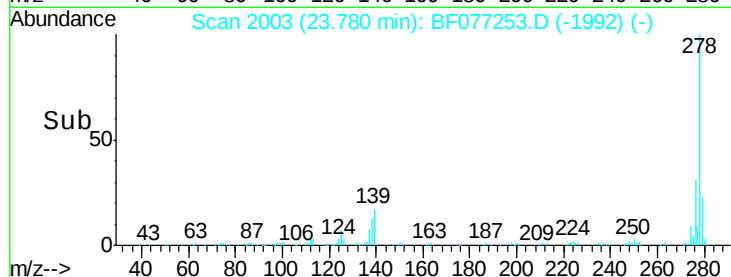
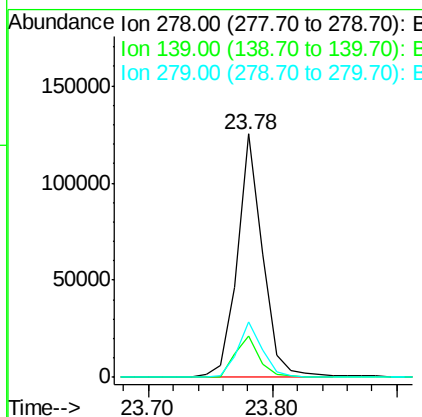
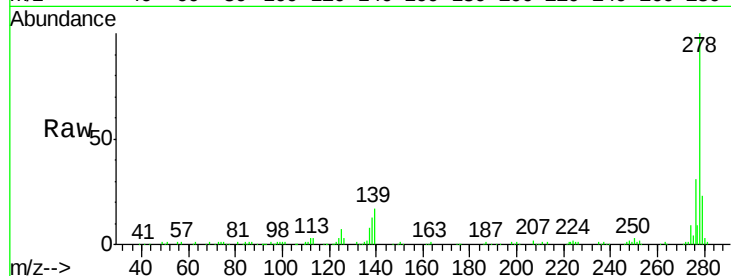
#90
 Dibenzo(a,h)anthracene
 Concen: 36.24 ng m
 RT: 23.78 min Scan# 2003
 Delta R.T. 0.02 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB81706BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	10.5	15.7#
279	22.8	19.3	28.9

Manual Integrations
 APPROVED

apatel
 2/12/2015 4:12:07 PM



#91
 Benzo(g,h,i)perylene
 Concen: 36.64 ng m
 RT: 24.02 min Scan# 2024
 Delta R.T. 0.02 min
 Lab File: BF077253.D
 Acq: 11 Feb 2015 14:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	20.1	15.0	22.6

