

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077052.D
 Acq On : 26 Jan 2015 14:03
 Operator : TP/IZ
 Sample : PB81263BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Manual Integrations
 APPROVED

apatel
 1/28/2015 5:40:32 PM

Quant Time: Jan 27 10:48:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 00:12:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	25722	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	114034	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	62937	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	106104	20.00	ng	0.00
75) Chrysene-d12	21.15	240	101853	20.00	ng	0.00
86) Perylene-d12	22.78	264	91091	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.79	112	197548	126.27	ng	0.00
7) Phenol-d6	7.17	99	244945	124.11	ng	0.00
23) Nitrobenzene-d5	9.06	82	151767	73.73	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	60789	118.99	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	318227	76.95	ng	0.00
78) Terphenyl-d14	19.88	244	328000	74.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.17	88	18851	28.14	ng	98
3) Pyridine	1.62	79	54636	31.52	ng	89
4) n-Nitrosodimethylamine	1.58	42	29863	34.78	ng	# 89
6) Aniline	7.05	93	67335	24.65	ng	98
8) 2-Chlorophenol	7.29	128	71059	39.40	ng	99
9) Benzaldehyde	6.77	77	21555	17.06	ng	99
10) Phenol	7.20	94	84695	40.41	ng	94
11) bis(2-Chloroethyl)ether	7.30	93	66566	40.59	ng	# 83
12) 1,3-Dichlorobenzene	7.61	146	76026	37.05	ng	93
13) 1,4-Dichlorobenzene	7.80	146	78585	36.12	ng	95
14) 1,2-Dichlorobenzene	8.12	146	76002	37.91	ng	96
15) Benzyl Alcohol	8.21	79	62101	38.89	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	85758	38.91	ng	95
17) 2-Methylphenol	8.55	107	57048	38.71	ng	98
18) Hexachloroethane	8.86	117	29373	38.81	ng	98
19) n-Nitroso-di-n-propylamine	8.84	70	52474	37.98	ng	98
20) 3+4-Methylphenols	8.94	107	71769	36.77	ng	93
22) Acetophenone	8.76	105	105020	37.60	ng	99
24) Nitrobenzene	9.11	77	77871	37.14	ng	99
25) Isophorone	9.70	82	136990	36.54	ng	99
26) 2-Nitrophenol	9.85	139	36111	34.16	ng	# 86
27) 2,4-Dimethylphenol	10.13	122	64969	40.07	ng	95
28) bis(2-Chloroethoxy)methane	10.34	93	84589	39.70	ng	99
29) 2,4-Dichlorophenol	10.45	162	60206	39.84	ng	94
30) 1,2,4-Trichlorobenzene	10.58	180	63713	37.96	ng	98
31) Naphthalene	10.72	128	211668	36.05	ng	99
32) Benzoic acid	10.49	122	26048	29.00	ng	89
33) 4-Chloroaniline	10.97	127	52871	22.29	ng	96
34) Hexachlorobutadiene	11.09	225	35689	35.83	ng	92
35) Caprolactam	11.82	113	17687m	39.75	ng	
36) 4-Chloro-3-methylphenol	12.28	107	65300	37.74	ng	96
37) 2-Methylnaphthalene	12.38	142	155089	38.68	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.78	216	60729	39.03	ng	96
40) Hexachlorocyclopentadiene	12.77	237	66630	79.57	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077052.D
 Acq On : 26 Jan 2015 14:03
 Operator : TP/IZ
 Sample : PB81263BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB81263BS

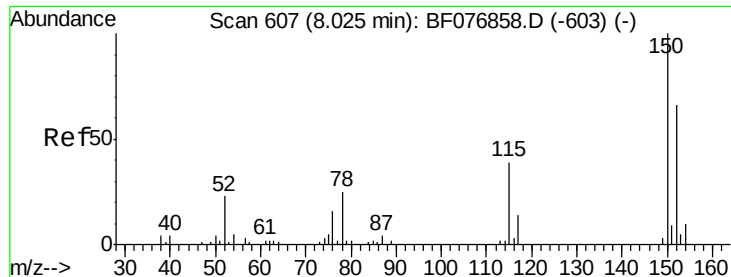
Manual Integrations
 APPROVED

apatel
 1/28/2015 5:40:32 PM

Quant Time: Jan 27 10:48:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 00:12:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.13	196	40683	35.88	ng	94
43) 2,4,5-Trichlorophenol	13.21	196	40888	35.36	ng	97
45) 1,1'-Biphenyl	13.53	154	177852	38.12	ng	99
46) 2-Chloronaphthalene	13.51	162	142661	37.16	ng	97
47) 2-Nitroaniline	13.85	65	43710	37.53	ng	# 81
48) Acenaphthylene	14.45	152	231175	35.70	ng	99
49) Dimethylphthalate	14.41	163	170575	38.22	ng	99
50) 2,6-Dinitrotoluene	14.51	165	35700	40.03	ng	99
51) Acenaphthene	14.87	154	132137	35.96	ng	98
52) 3-Nitroaniline	14.85	138	28921	25.71	ng	90
53) 2,4-Dinitrophenol	15.13	184	30612	74.16	ng	91
54) Dibenzofuran	15.31	168	204520	38.21	ng	99
55) 4-Nitrophenol	15.44	139	49303	70.47	ng	94
56) 2,4-Dinitrotoluene	15.44	165	48380	36.71	ng	# 87
57) Fluorene	16.05	166	170366	37.57	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.66	232	33959	40.33	ng	# 96
59) Diethylphthalate	16.06	149	179491	39.79	ng	98
60) 4-Chlorophenyl-phenylether	16.15	204	72738	39.20	ng	91
61) 4-Nitroaniline	16.20	138	34867	31.52	ng	92
62) Azobenzene	16.44	77	182203	38.77	ng	98
64) 4,6-Dinitro-2-methylphenol	16.28	198	23814	35.82	ng	97
65) n-Nitrosodiphenylamine	16.39	169	142002	37.53	ng	97
66) 4-Bromophenyl-phenylether	17.01	248	42731	39.75	ng	# 80
67) Hexachlorobenzene	17.02	284	43305	38.23	ng	95
68) Atrazine	17.39	200	50996	44.42	ng	92
69) Pentachlorophenol	17.39	266	40019	77.27	ng	97
70) Phenanthrene	17.67	178	242089	36.59	ng	99
71) Anthracene	17.74	178	239312	37.09	ng	99
72) Carbazole	18.04	167	238090	38.04	ng	99
73) Di-n-butylphthalate	18.63	149	290611	40.12	ng	98
74) Fluoranthene	19.32	202	251872	37.15	ng	98
76) Benzidine	19.56	184	104549	32.08	ng	99
77) Pyrene	19.60	202	262135	37.55	ng	99
79) Butylbenzylphthalate	20.54	149	126777	40.10	ng	94
80) Benzo(a)anthracene	21.13	228	229349	35.89	ng	98
81) 3,3'-Dichlorobenzidine	21.15	252	53190	26.19	ng	# 96
82) Chrysene	21.17	228	210376	36.10	ng	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	185939	42.51	ng	# 96
84) Di-n-octyl phthalate	22.05	149	319325	42.06	ng	100
85) Indeno(1,2,3-cd)pyrene	23.85	276	224472	36.35	ng	# 83
87) Benzo(b)fluoranthene	22.37	252	247687	40.37	ng	99
88) Benzo(k)fluoranthene	22.40	252	177181m	33.06	ng	
89) Benzo(a)pyrene	22.71	252	201193	37.18	ng	# 96
90) Dibenzo(a,h)anthracene	23.88	278	186137	37.49	ng	# 96
91) Benzo(g,h,i)perylene	24.13	276	193636	39.23	ng	94

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



#1

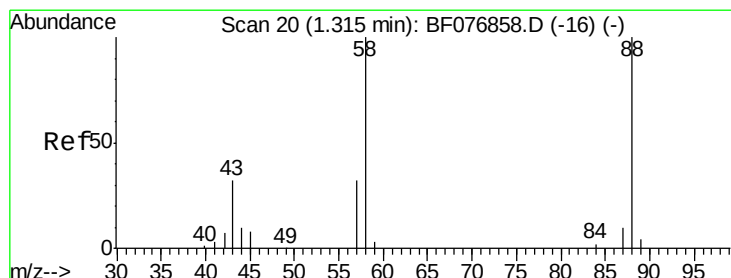
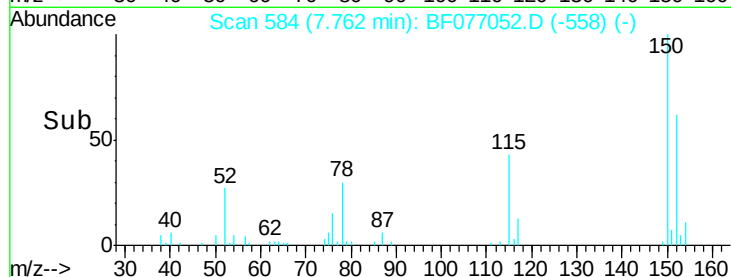
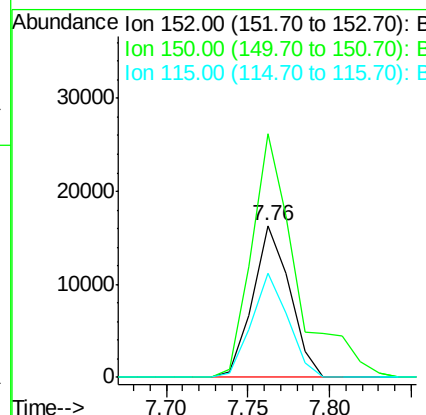
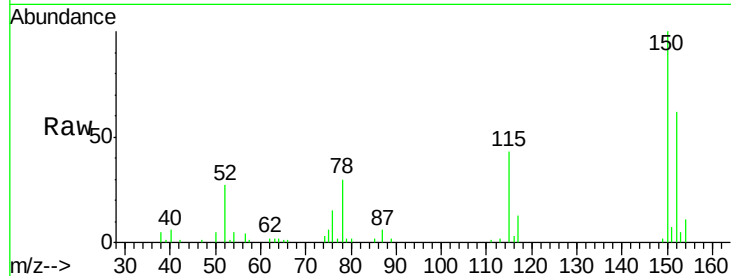
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.6	121.7	182.5
115	68.6	47.0	70.6

Manual Integrations
APPROVED

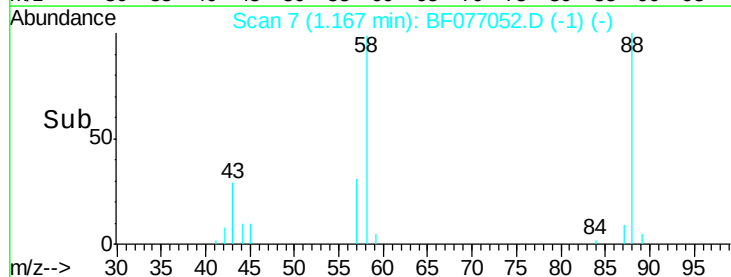
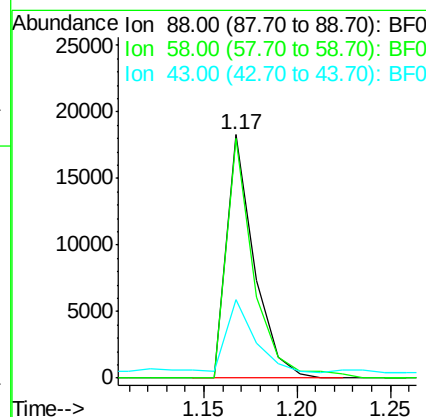
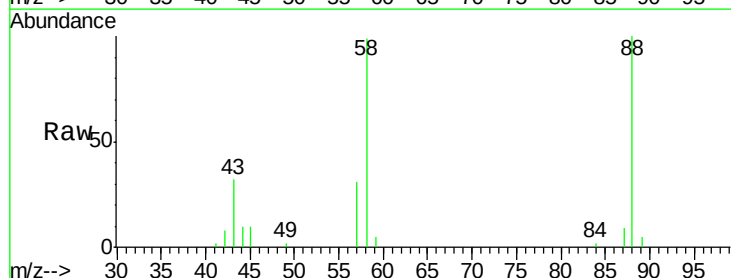
apatel
1/28/2015 5:40:32 PM

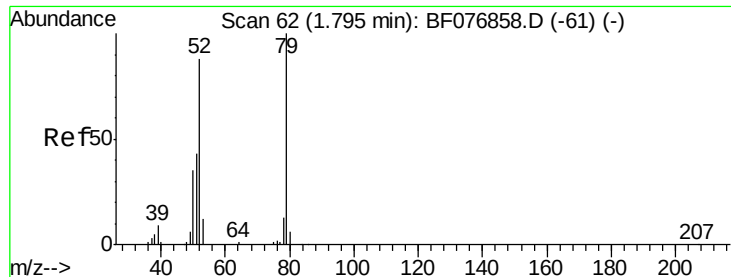


#2

1,4-Dioxane
Concen: 28.14 ng
RT: 1.17 min Scan# 7
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.2	77.0	115.4
43	31.7	25.6	38.4





#3

Pyridine

Concen: 31.52 ng

RT: 1.62 min Scan# 47

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

ClientSampled :

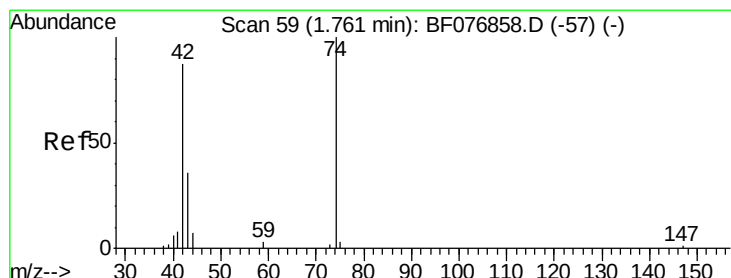
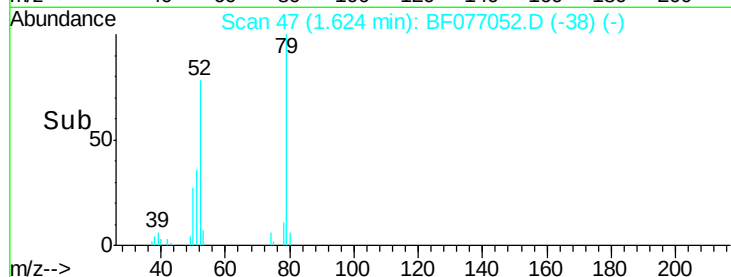
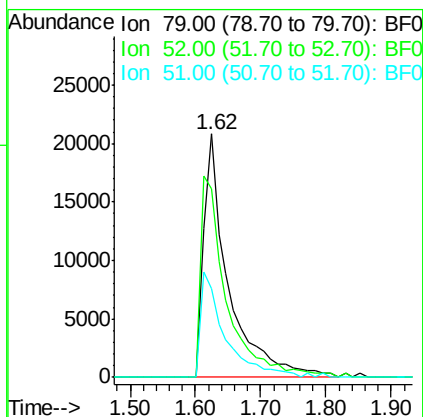
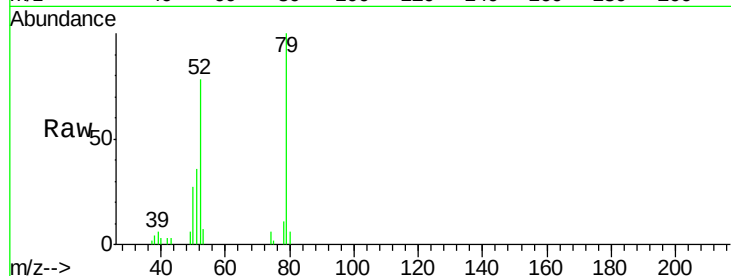
PB81263BS

Manual Integrations
APPROVED

apatel

1/28/2015 5:40:32 PM

Tgt Ion:	79	Resp:	54636
Ion	Ratio	Lower	Upper
79	100		
52	77.7	70.1	105.1
51	36.5	35.1	52.7



#4

n-Nitrosodimethylamine

Concen: 34.78 ng

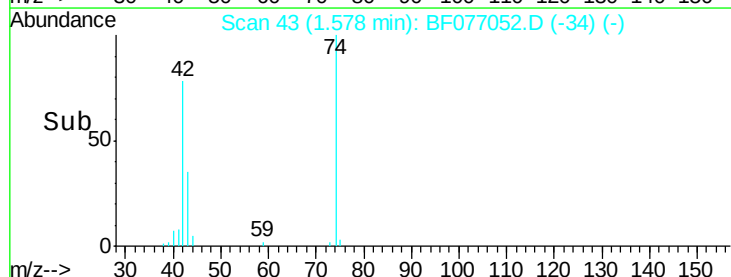
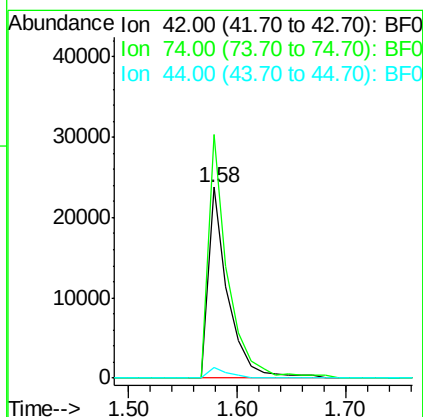
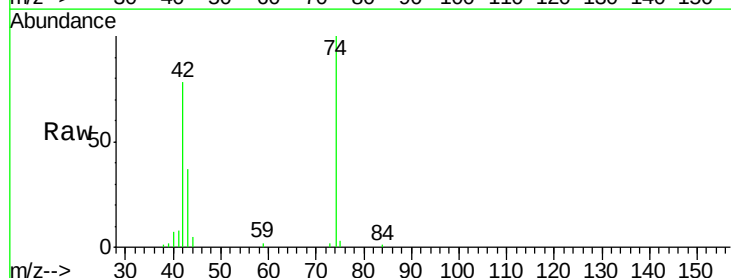
RT: 1.58 min Scan# 43

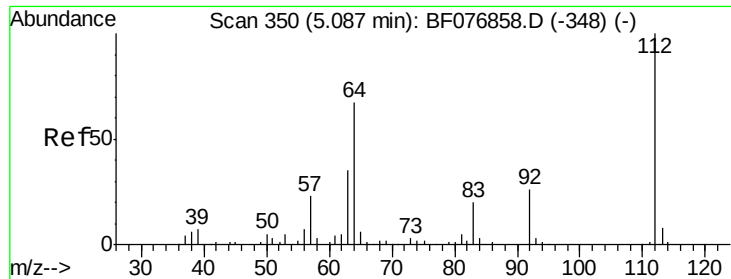
Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Tgt Ion:	42	Resp:	29863
Ion	Ratio	Lower	Upper
42	100		
74	127.6	92.4	138.6
44	5.9	6.2	9.2#





#5

2-Fluorophenol

Concen: 126.27 ng

RT: 4.79 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

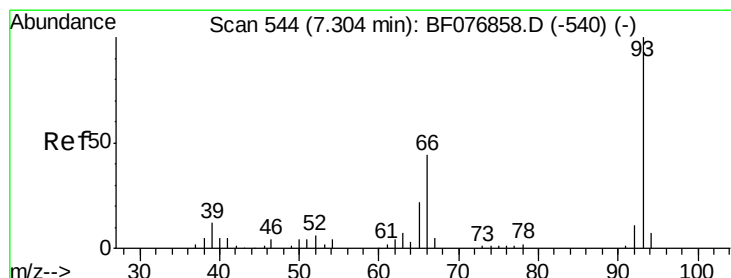
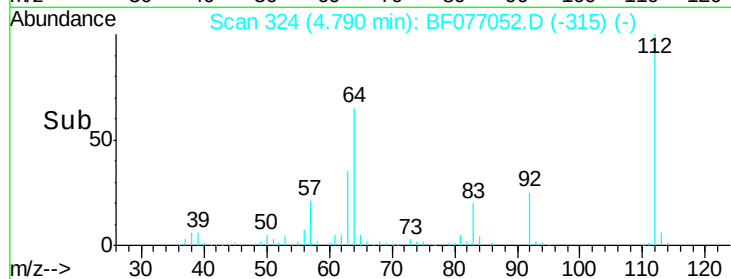
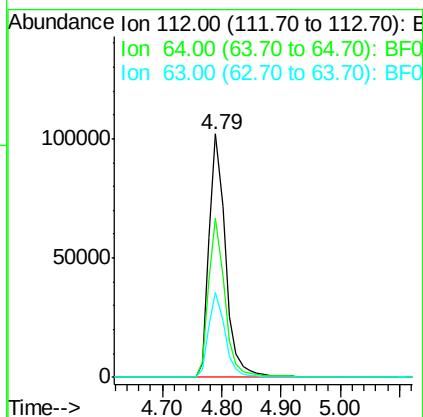
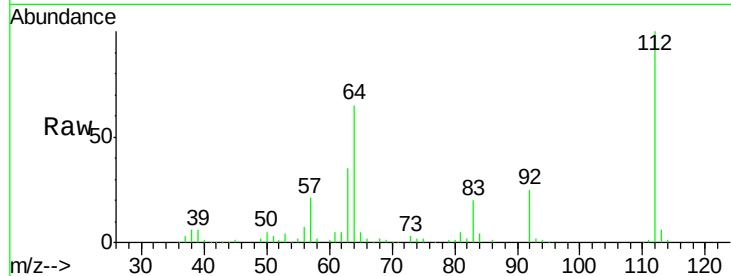
ClientSampleId :

PB81263BS

Tgt Ion:	112	Resp:	197548
Ion Ratio	Lower	Upper	
112	100		
64	65.1	54.2	81.4
63	35.0	28.4	42.6

Manual Integrations
APPROVED

apatel
1/28/2015 5:40:32 PM



#6

Aniline

Concen: 24.65 ng

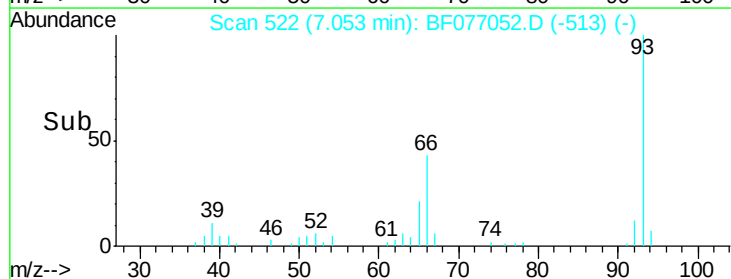
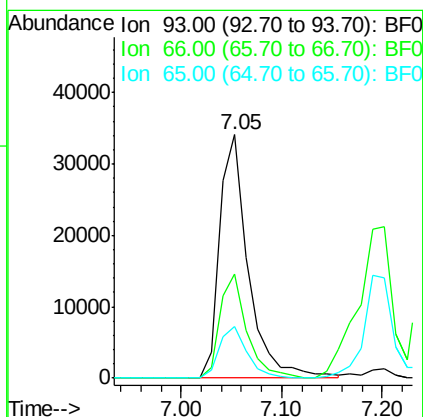
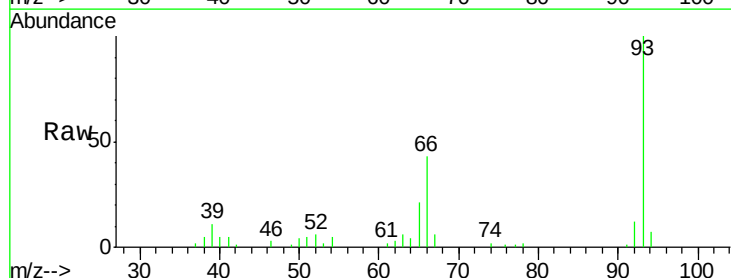
RT: 7.05 min Scan# 522

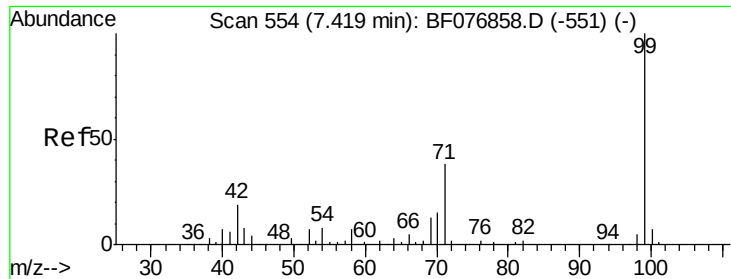
Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Tgt Ion:	93	Resp:	67335
Ion Ratio	Lower	Upper	
93	100		
66	42.6	35.0	52.4
65	21.1	17.7	26.5





#7

Phenol-d6

Concen: 124.11 ng

RT: 7.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

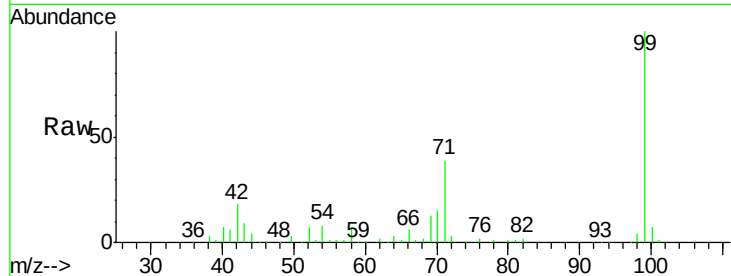
ClientSampleId :

PB81263BS

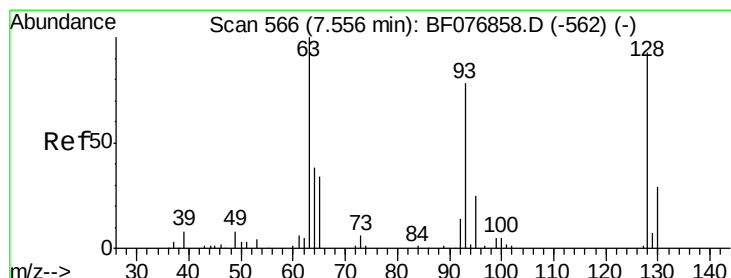
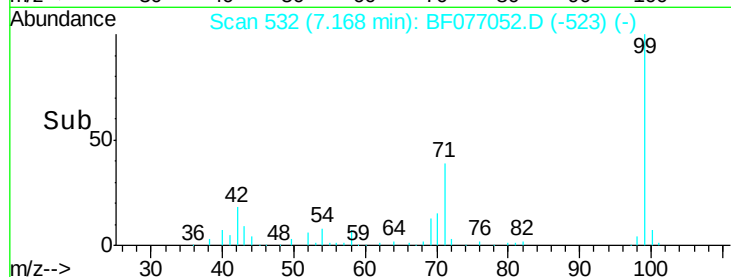
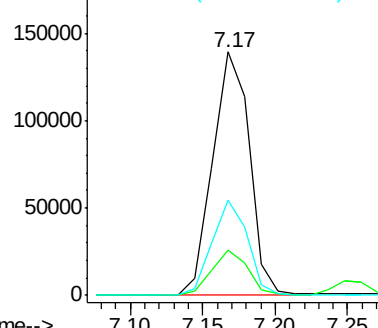
Tgt Ion:	99	Resp:	244945
Ion Ratio	Lower	Upper	
99	100		
42	18.5	15.0	22.4
71	39.0	30.5	45.7

Manual Integrations
APPROVED

apatel
1/28/2015 5:40:32 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.40 ng

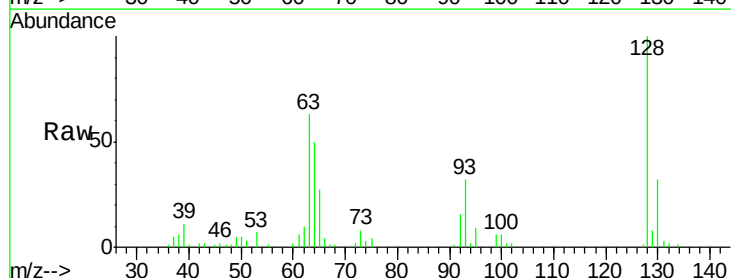
RT: 7.29 min Scan# 543

Delta R.T. 0.00 min

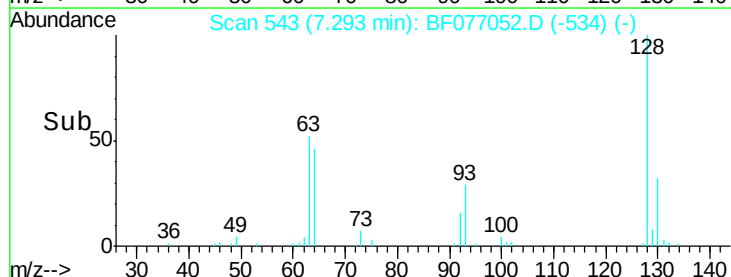
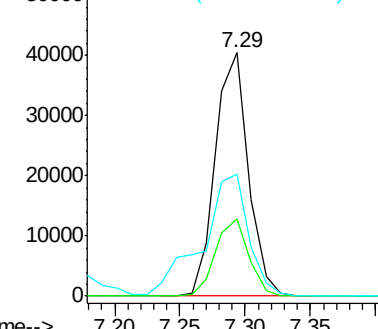
Lab File: BF077052.D

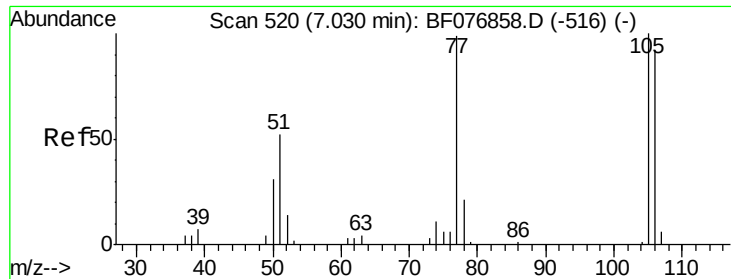
Acq: 26 Jan 2015 14:03

Tgt Ion:	128	Resp:	71059
Ion Ratio	Lower	Upper	
128	100		
130	31.8	11.0	51.0
64	50.2	29.3	69.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.06 ng

RT: 6.77 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

ClientSampleId :

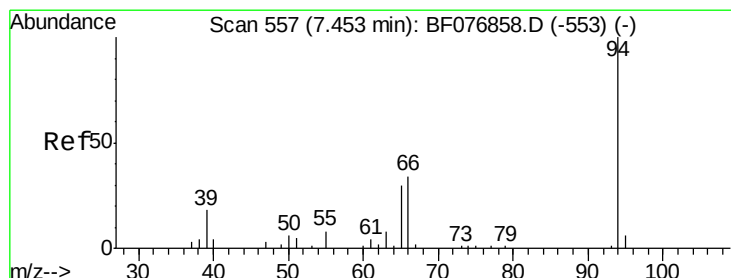
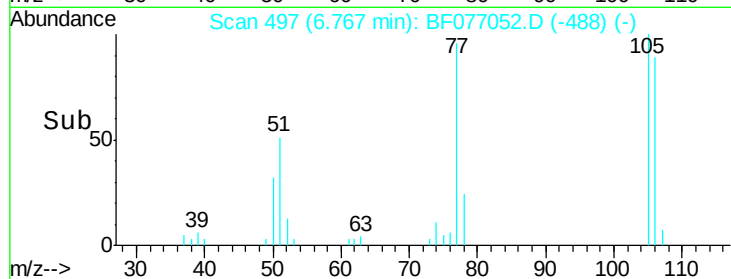
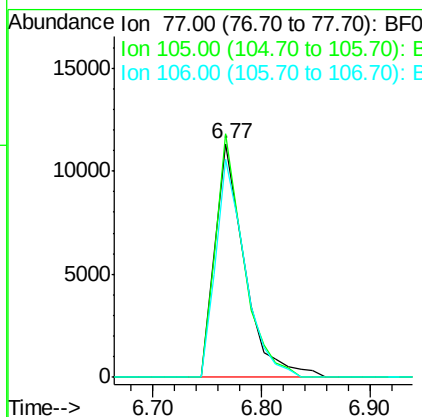
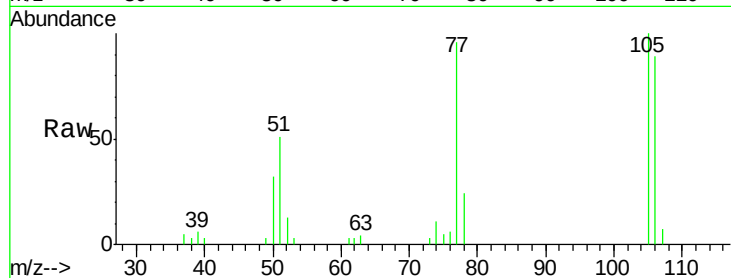
PB81263BS

Manual Integrations
APPROVED

apatel

1/28/2015 5:40:32 PM

Tgt Ion	Ratio	Lower	Upper
77	100		
105	104.1	81.4	121.4
106	93.0	72.8	112.8



#10

Phenol

Concen: 40.41 ng

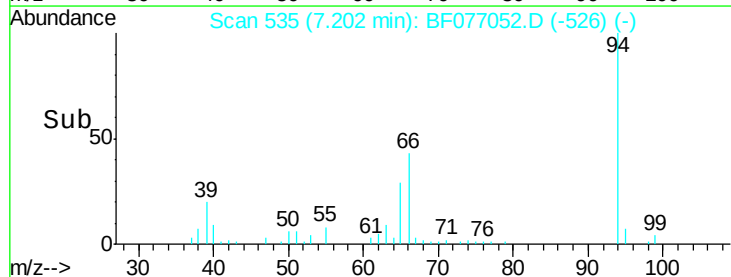
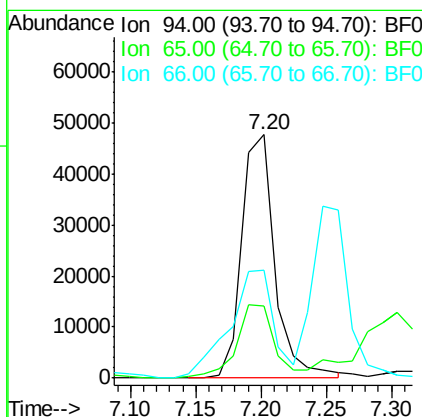
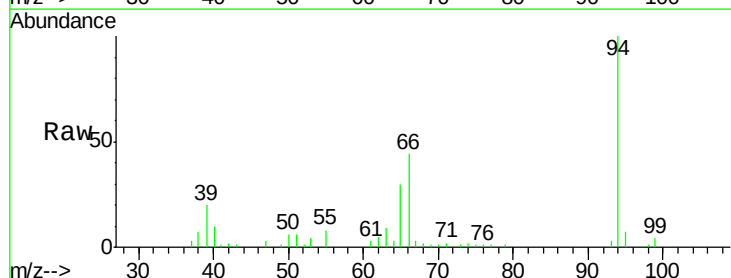
RT: 7.20 min Scan# 535

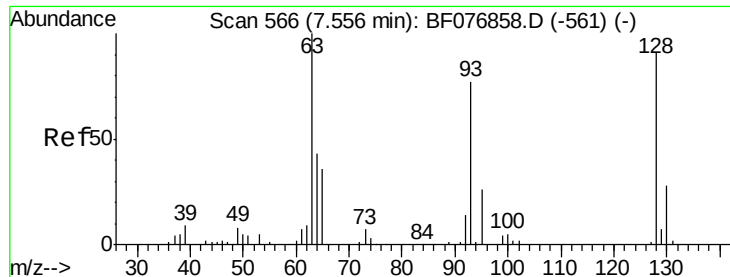
Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.6	11.3	51.3
66	44.4	19.5	59.5





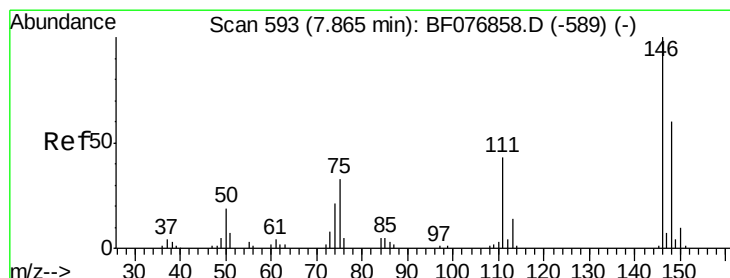
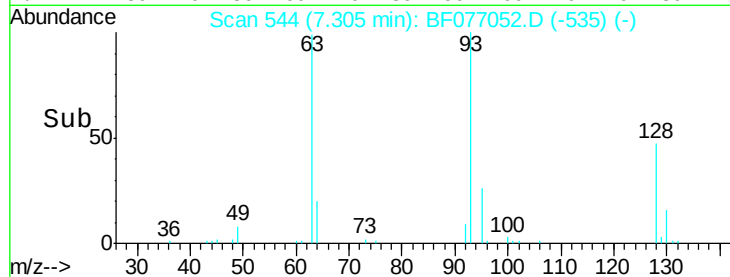
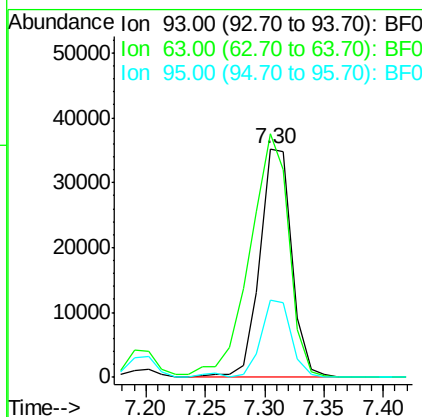
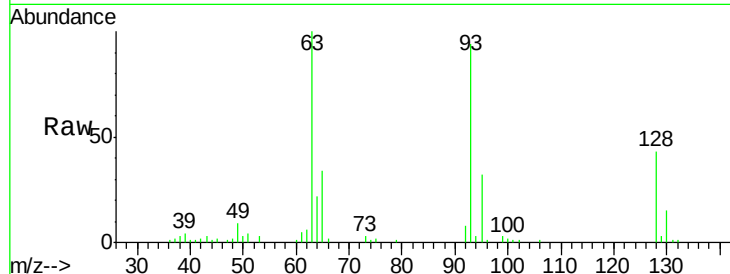
#11
 bis(2-Chloroethyl)ether
 Concen: 40.59 ng
 RT: 7.30 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	106.4	111.3	151.3#
95	34.0	13.8	53.8

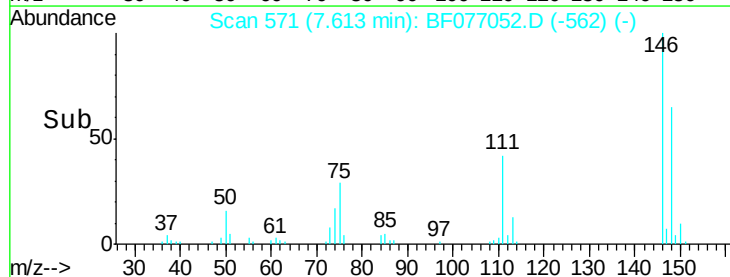
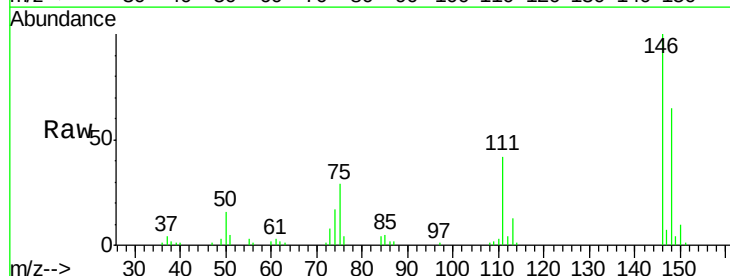
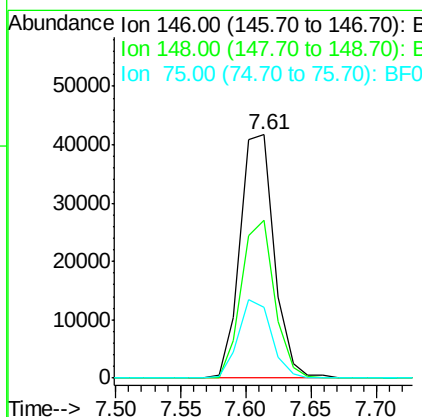
Manual Integrations
 APPROVED

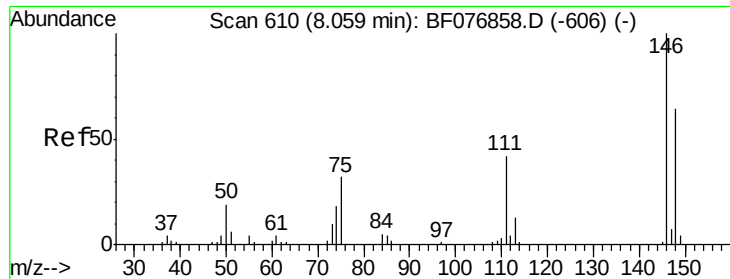
apatel
 1/28/2015 5:40:32 PM



#12
 1,3-Dichlorobenzene
 Concen: 37.05 ng
 RT: 7.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	48.1	72.1
75	29.2	26.8	40.2





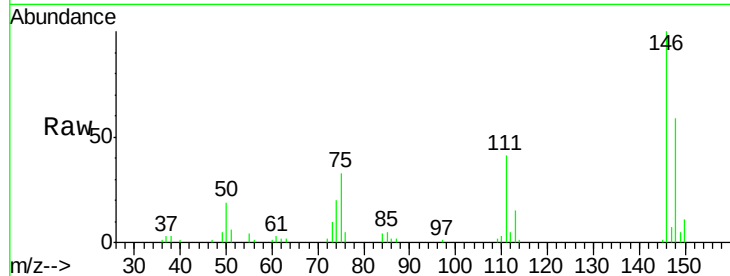
#13
 1,4-Dichlorobenzene
 Concen: 36.12 ng
 RT: 7.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

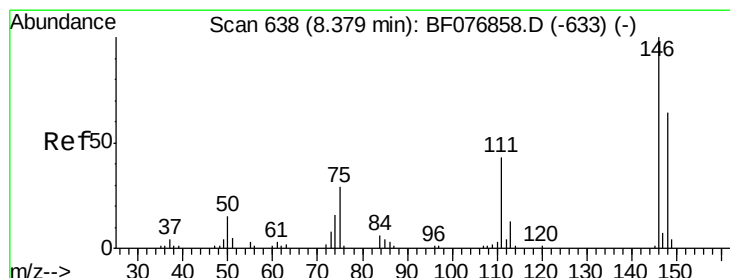
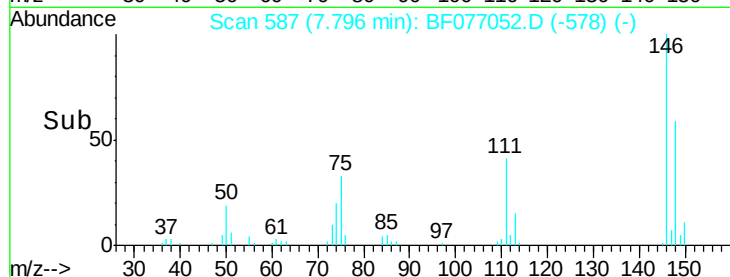
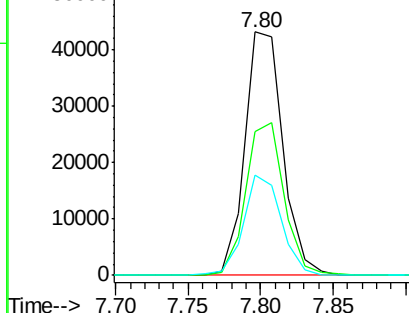
Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	59.0	51.5	77.3
111	40.9	33.9	50.9

Manual Integrations
 APPROVED

apatel
 1/28/2015 5:40:32 PM

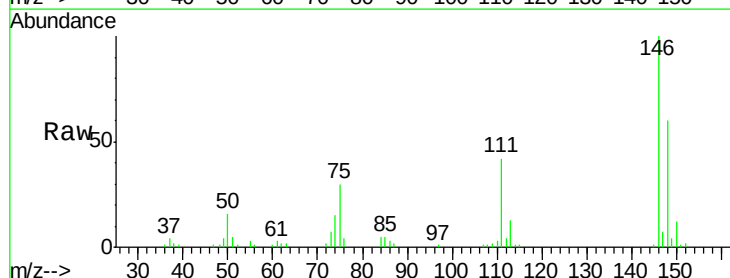


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

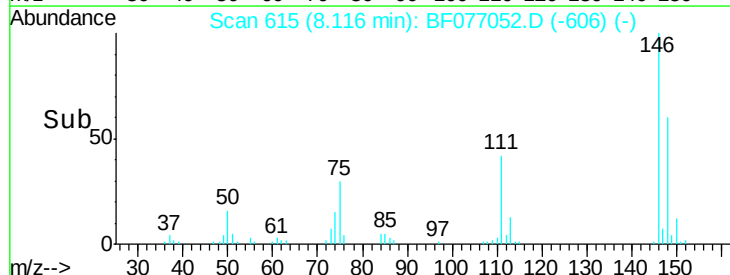
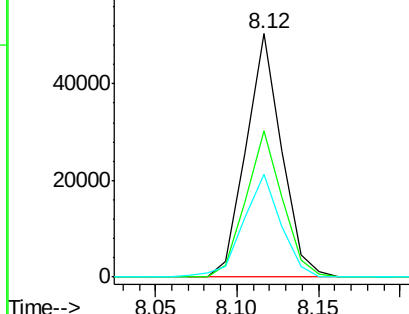


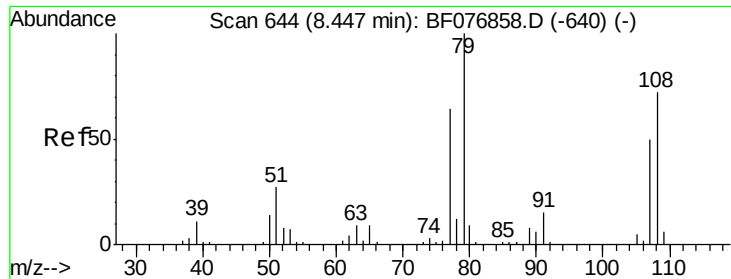
#14
 1,2-Dichlorobenzene
 Concen: 37.91 ng
 RT: 8.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	60.0	51.3	76.9
111	42.4	34.5	51.7



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





#15

Benzyl Alcohol

Concen: 38.89 ng

RT: 8.21 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

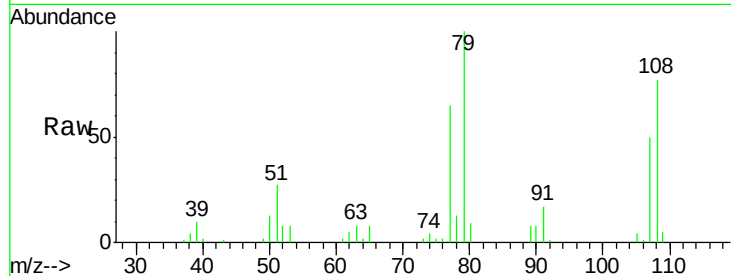
ClientSampleId :

PB81263BS

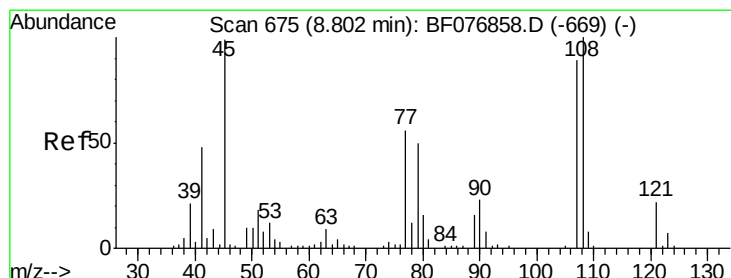
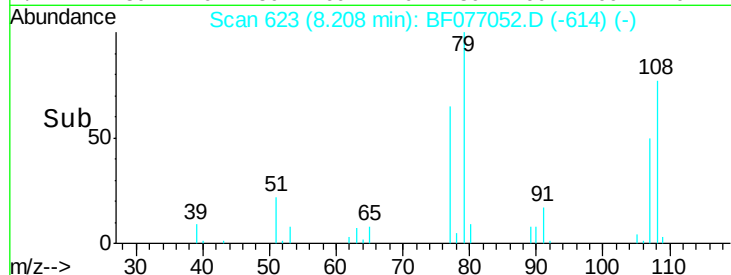
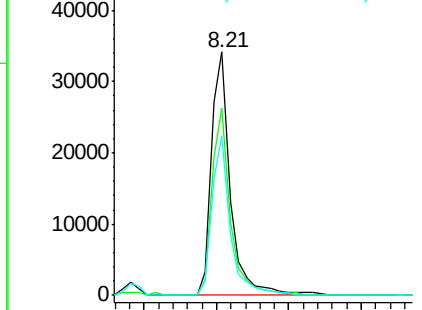
Tgt Ion:	79	Resp:	62101
Ion Ratio	Lower	Upper	
79	100		
108	76.9	57.2	85.8
77	65.4	51.2	76.8

Manual Integrations
APPROVED

apatel
1/28/2015 5:40:32 PM



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.91 ng

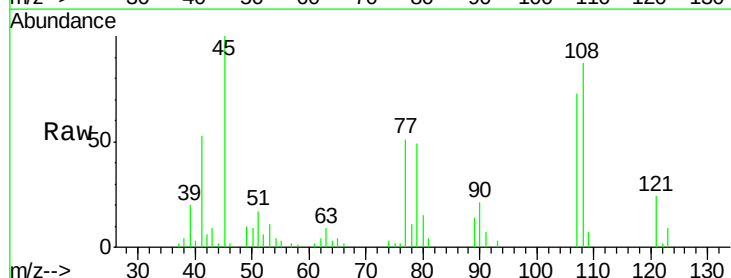
RT: 8.56 min Scan# 654

Delta R.T. 0.00 min

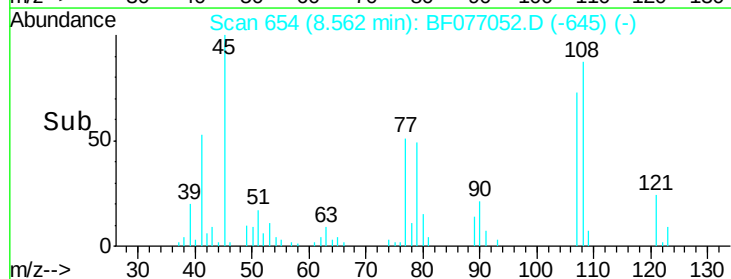
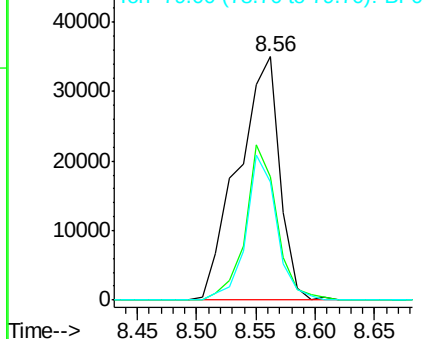
Lab File: BF077052.D

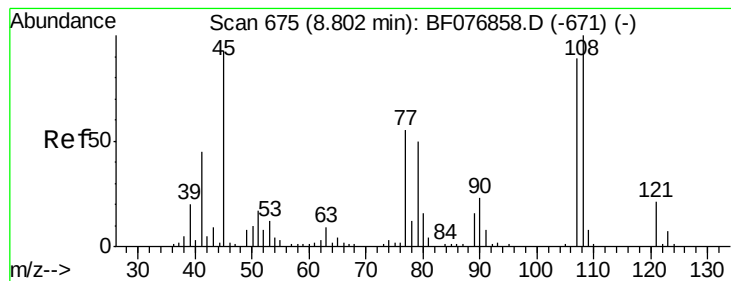
Acq: 26 Jan 2015 14:03

Tgt Ion:	45	Resp:	85758
Ion Ratio	Lower	Upper	
45	100		
77	50.8	36.1	76.1
79	48.6	30.5	70.5



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





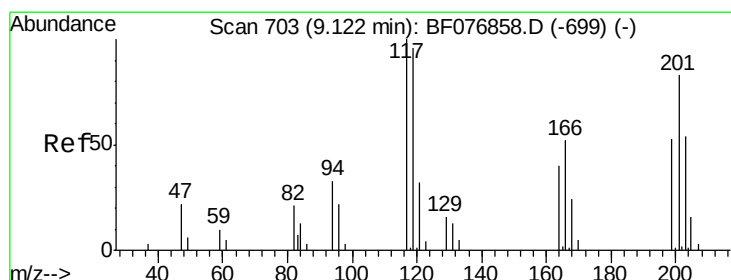
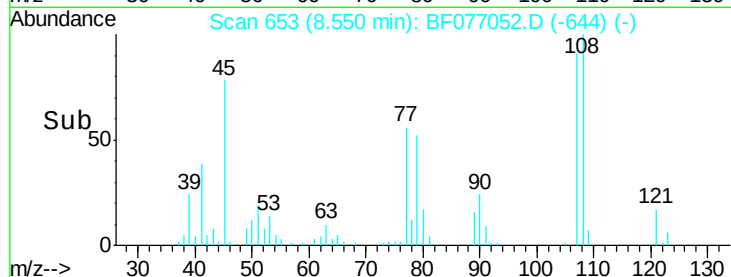
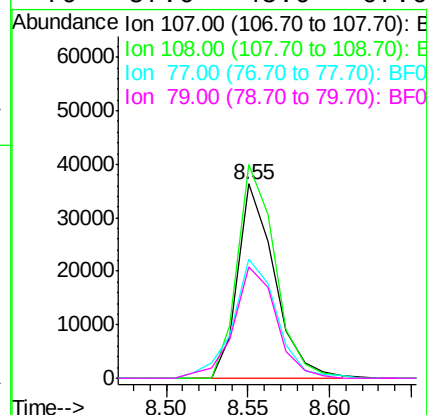
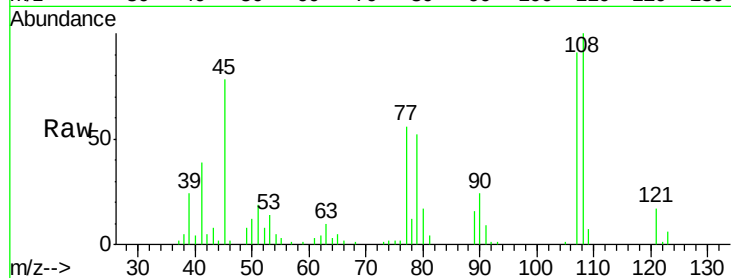
#17
2-Methylphenol
Concen: 38.71 ng
RT: 8.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.0	89.7	134.5
77	61.3	50.1	75.1
79	57.6	45.0	67.6

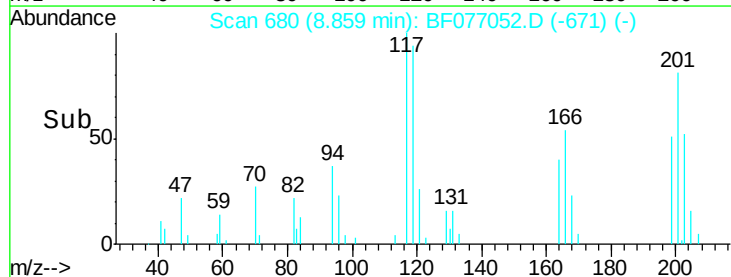
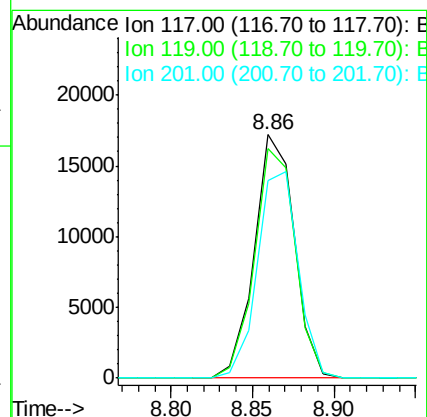
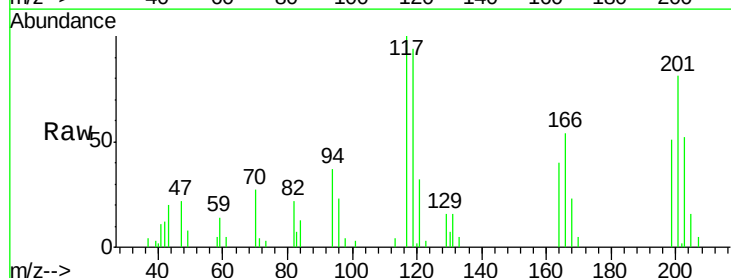
Manual Integrations
APPROVED

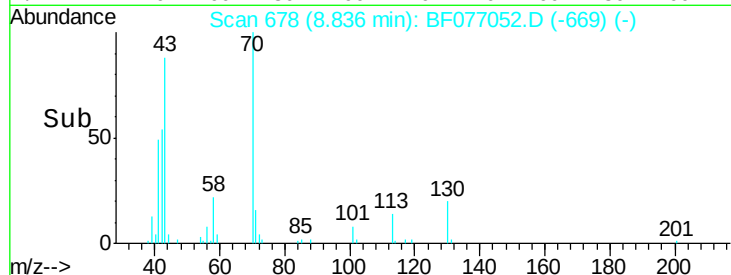
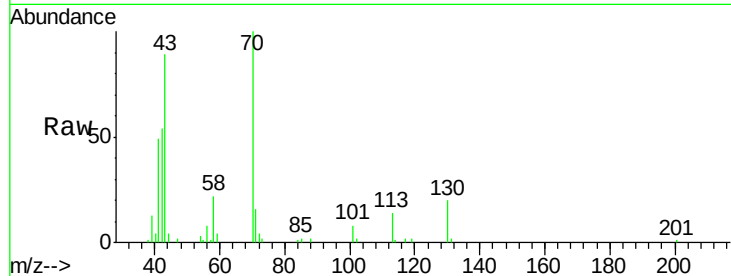
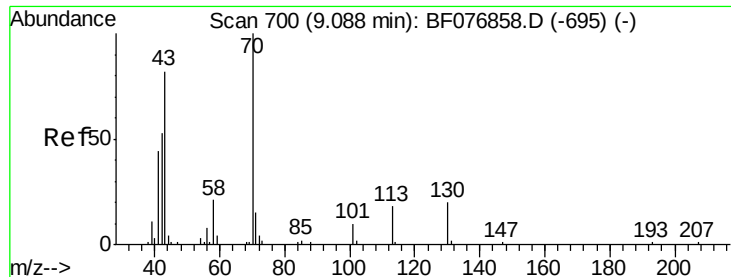
apatel
1/28/2015 5:40:32 PM



#18
Hexachloroethane
Concen: 38.81 ng
RT: 8.86 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.1	115.7
201	81.0	66.8	100.2





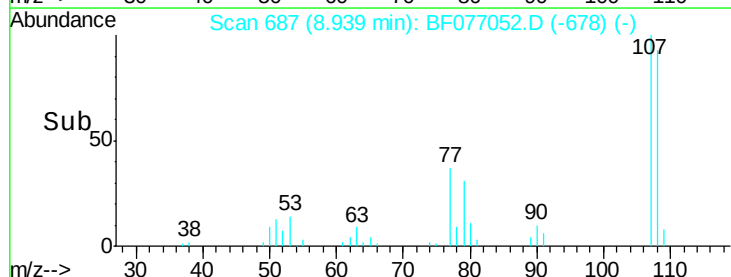
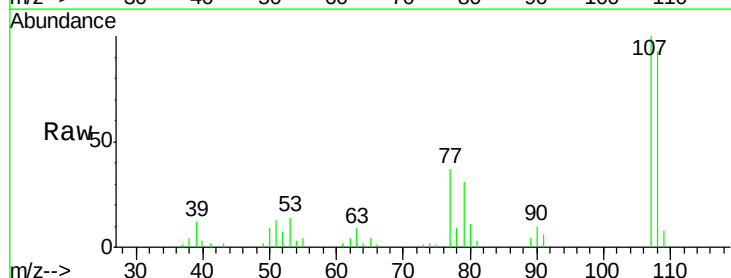
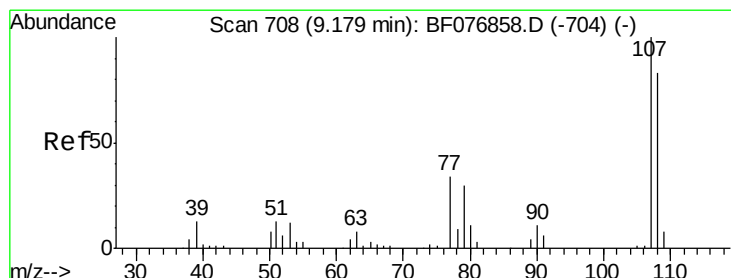
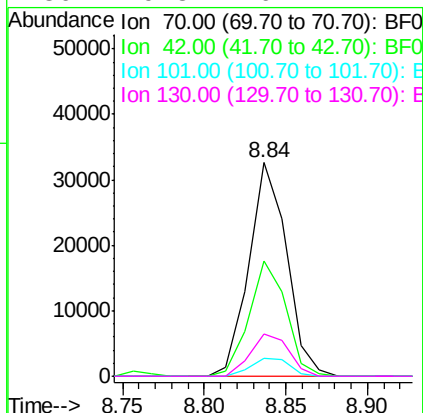
#19
n-Nitroso-di-n-propylamine
Concen: 37.98 ng
RT: 8.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Manual Integrations
APPROVED

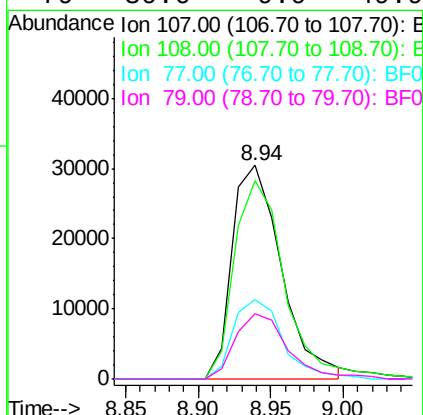
apatel
1/28/2015 5:40:32 PM

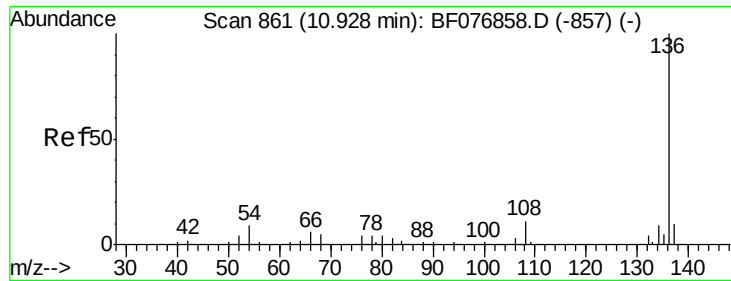
Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.8	42.1	63.1
101	8.4	7.8	11.8
130	19.8	16.2	24.4



#20
3+4-Methylphenols
Concen: 36.77 ng
RT: 8.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	63.5	103.5
77	37.1	14.0	54.0
79	30.6	9.9	49.9





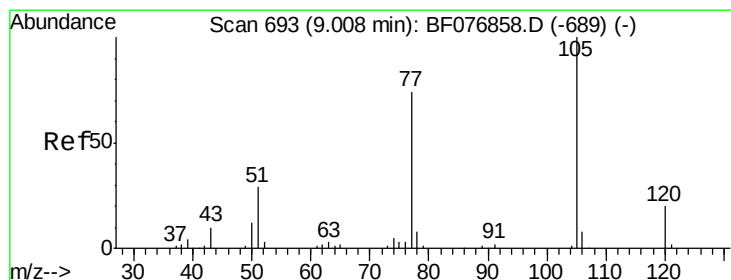
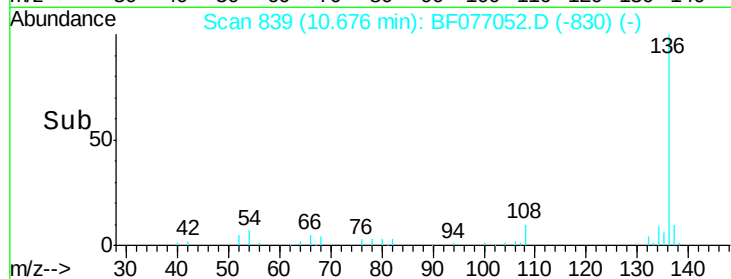
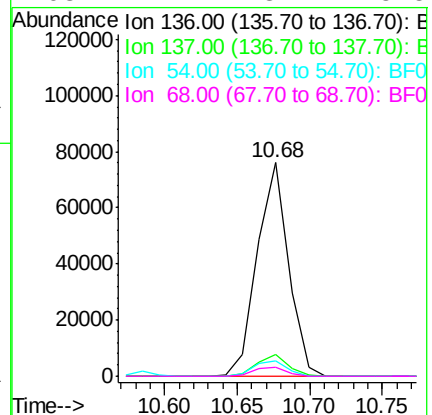
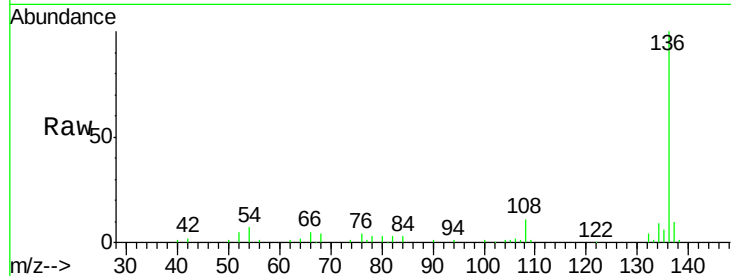
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.68 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	114034		
137	10.4	8.1	12.1	
54	7.5	7.0	10.4	
68	4.1	3.7	5.5	

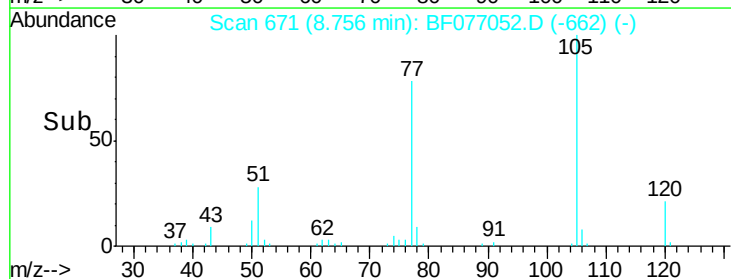
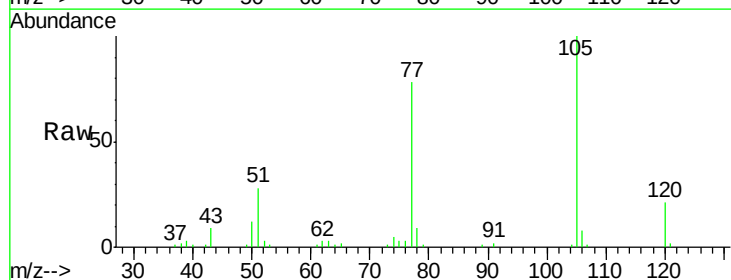
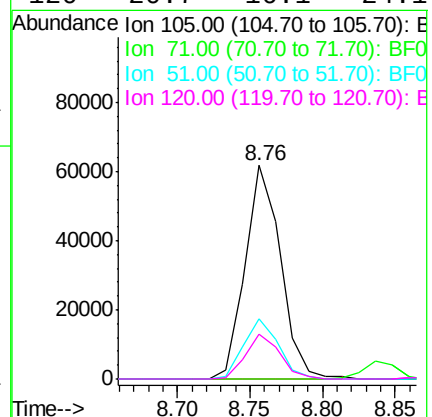
Manual Integrations
APPROVED

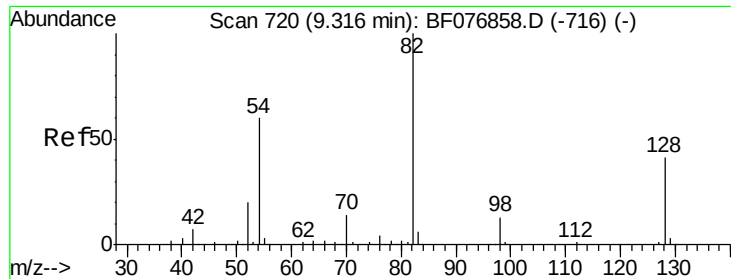
apatel
1/28/2015 5:40:32 PM



#22
Acetophenone
Concen: 37.60 ng
RT: 8.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	105020		
71	0.0	0.0	0.0	
51	28.5	23.3	34.9	
120	20.7	16.1	24.1	





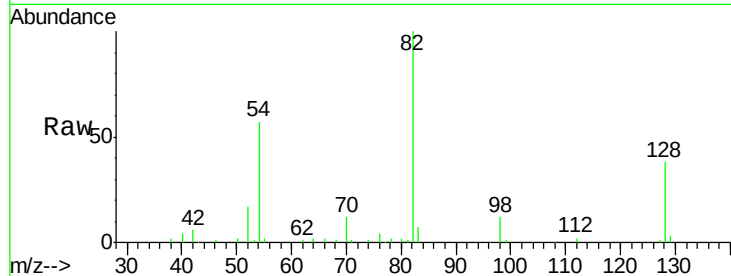
#23
 Nitrobenzene-d5
 Concen: 73.73 ng
 RT: 9.06 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

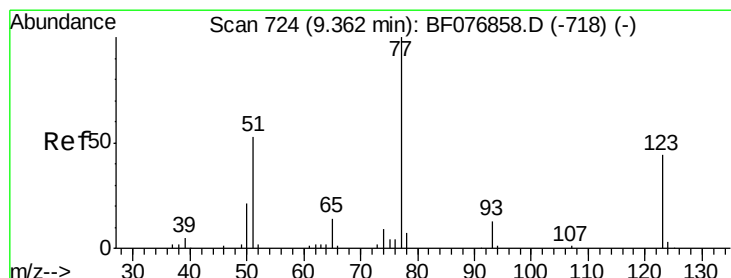
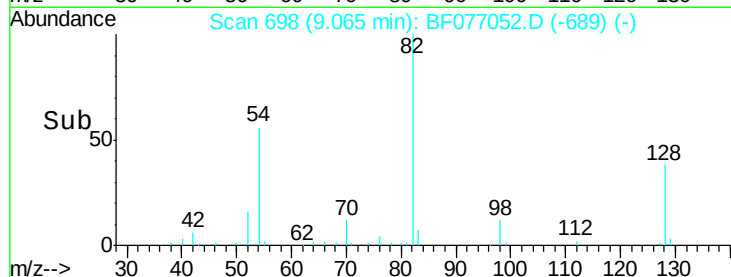
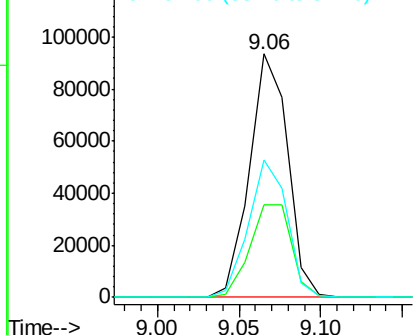
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	151767		
128	38.1	33.1	49.7	
54	56.6	48.3	72.5	

Manual Integrations
 APPROVED

apatel
 1/28/2015 5:40:32 PM

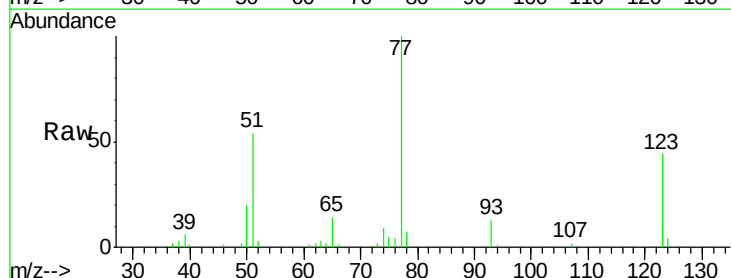


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

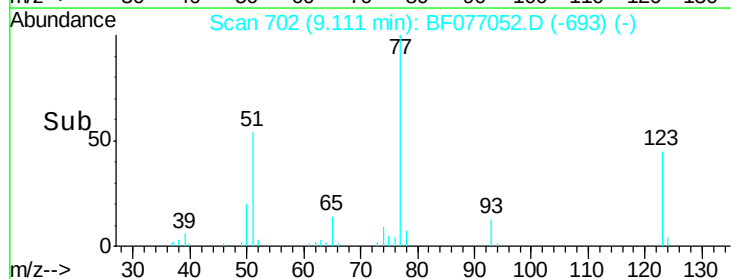
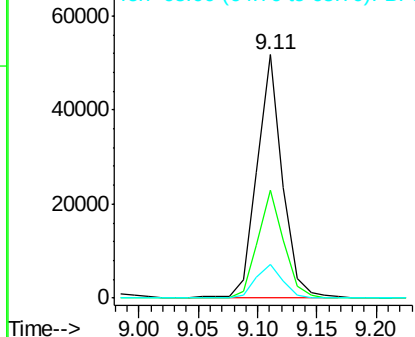


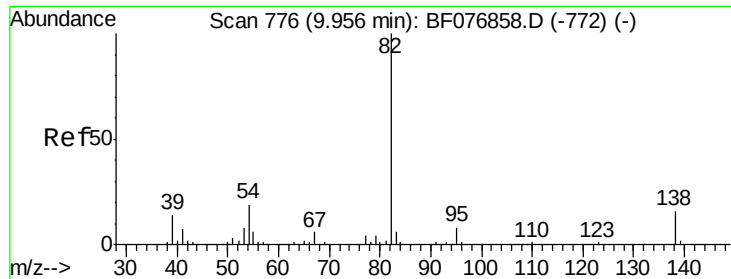
#24
 Nitrobenzene
 Concen: 37.14 ng
 RT: 9.11 min Scan# 702
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	77871		
123	44.4	35.2	52.8	
65	13.7	11.4	17.2	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 36.54 ng

RT: 9.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

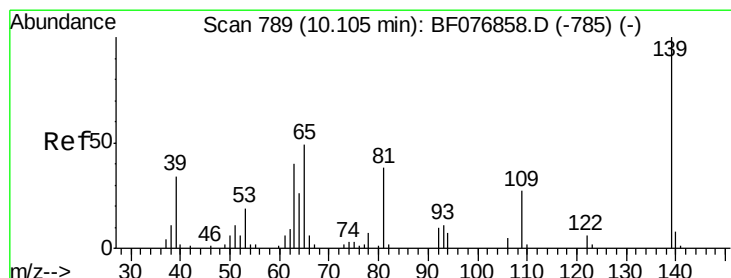
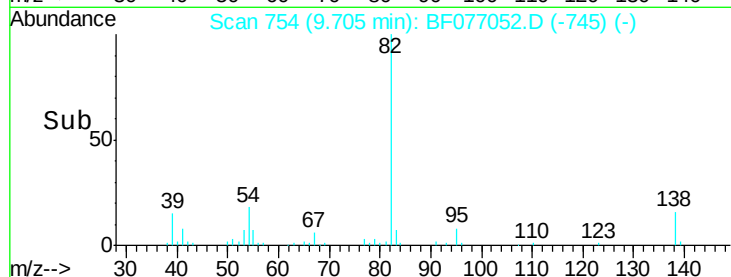
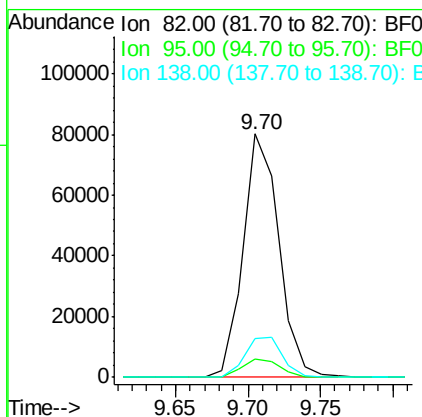
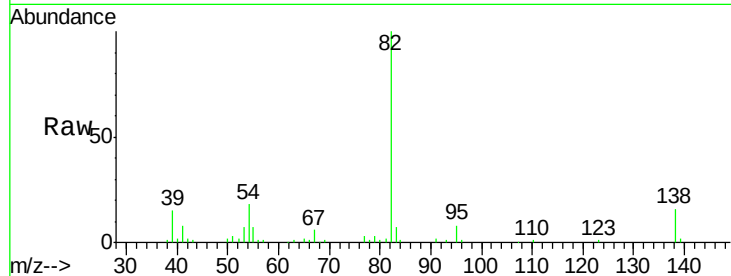
ClientSampleID :

PB81263BS

Tgt Ion:	82	Resp:	136990
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.6	10.0
138	15.9	12.6	18.8

Manual Integrations
APPROVED

apatel
1/28/2015 5:40:32 PM



#26

2-Nitrophenol

Concen: 34.16 ng

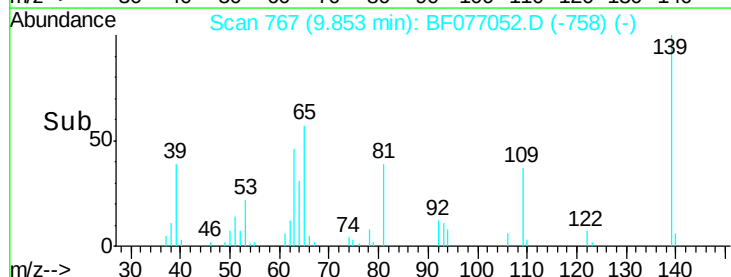
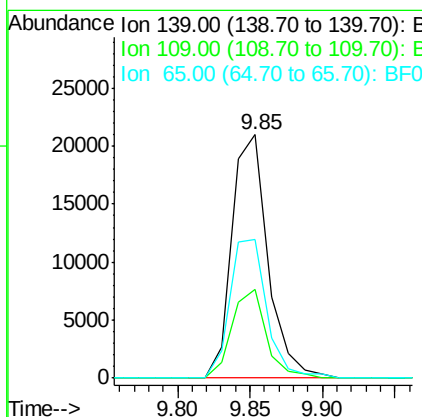
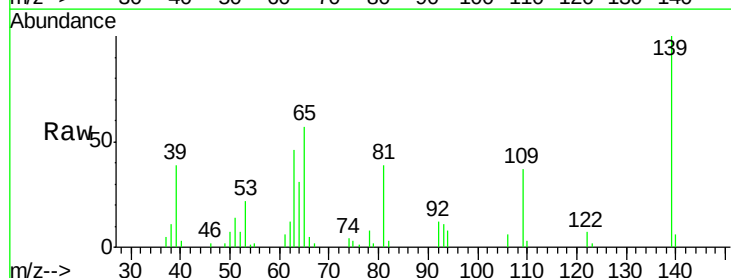
RT: 9.85 min Scan# 767

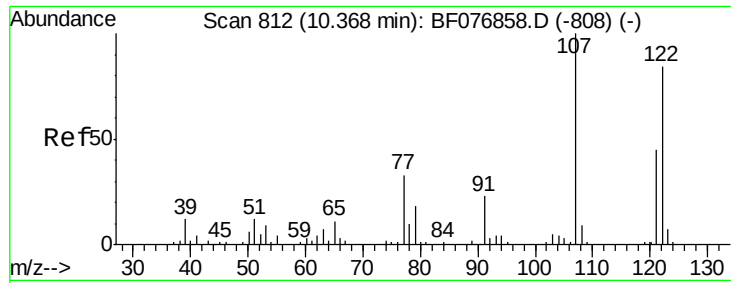
Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Tgt Ion:	139	Resp:	36111
Ion Ratio	Lower	Upper	
139	100		
109	36.6	21.3	31.9#
65	57.1	39.4	59.0





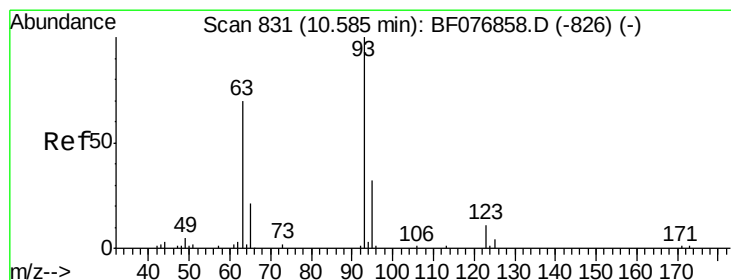
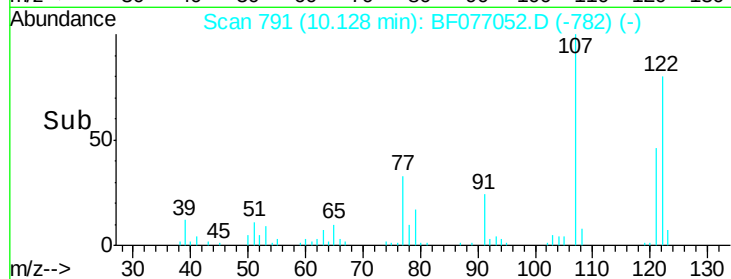
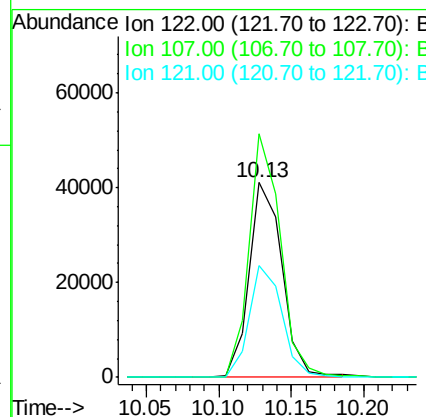
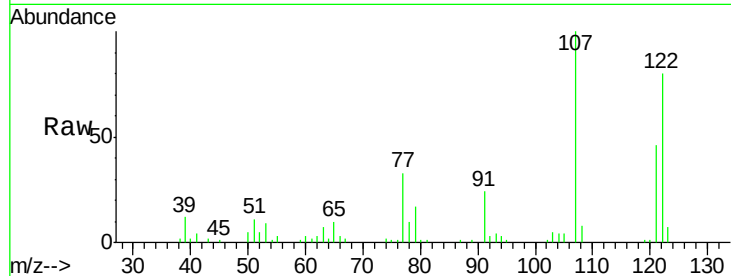
#27
 2,4-Dimethylphenol
 Concen: 40.07 ng
 RT: 10.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	64969		
107	125.0	95.2	142.8	
121	57.6	42.9	64.3	

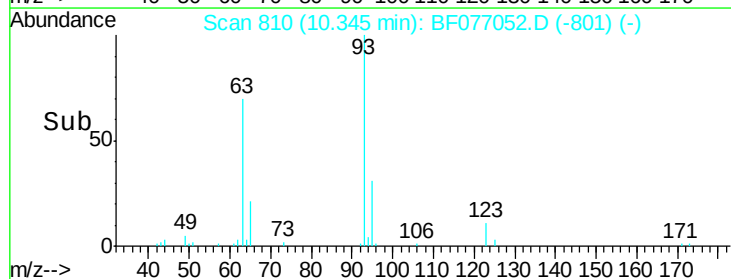
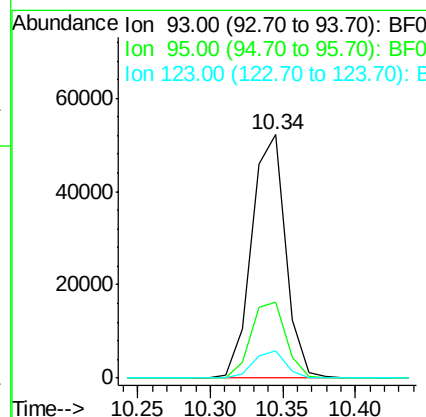
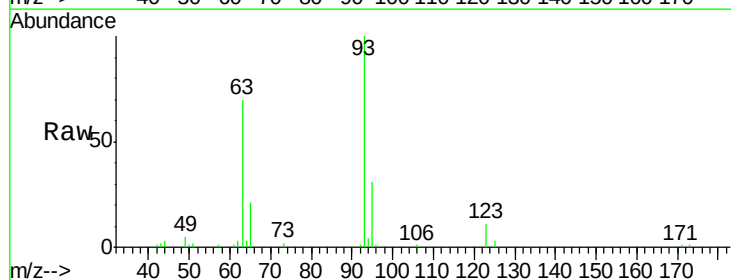
Manual Integrations
 APPROVED

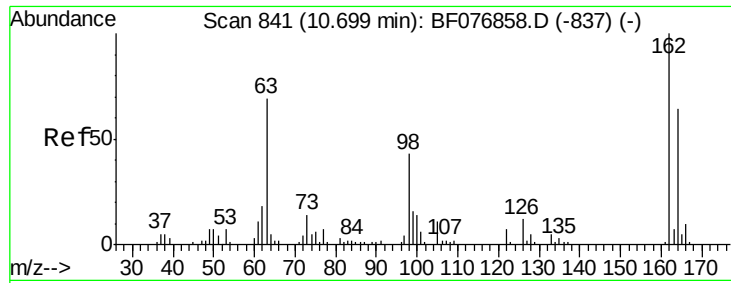
apatel
 1/28/2015 5:40:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.70 ng
 RT: 10.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	84589		
95	31.4	25.6	38.4	
123	11.3	8.9	13.3	





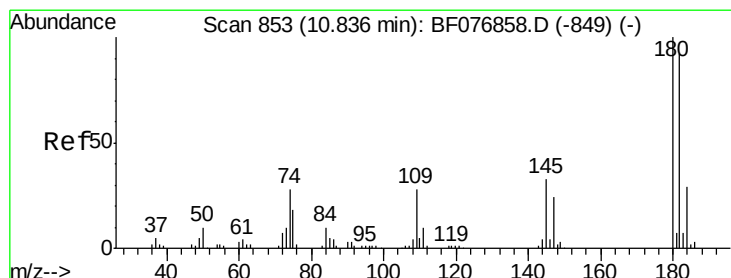
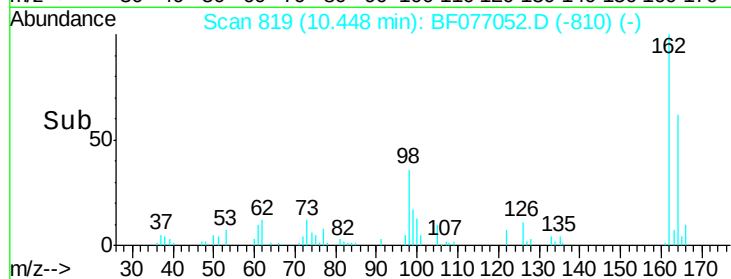
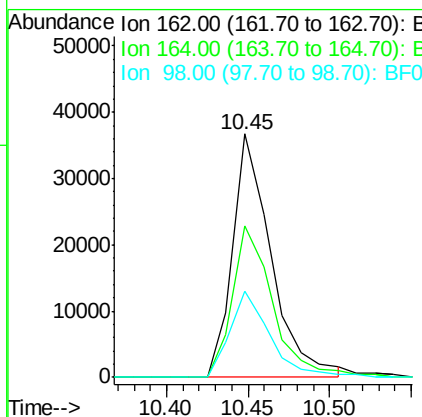
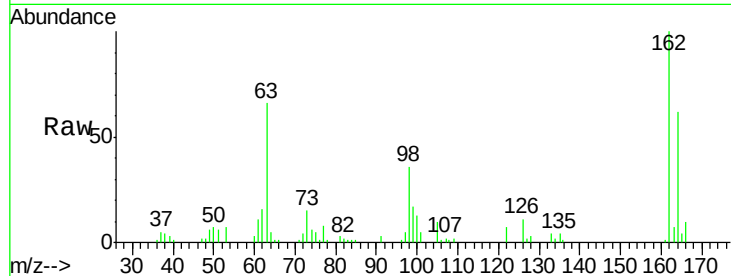
#29
 2,4-Dichlorophenol
 Concen: 39.84 ng
 RT: 10.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampled :
 PB81263BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.2	43.8	83.8
98	35.6	22.5	62.5

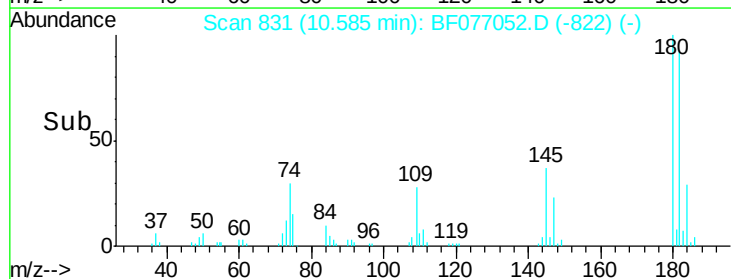
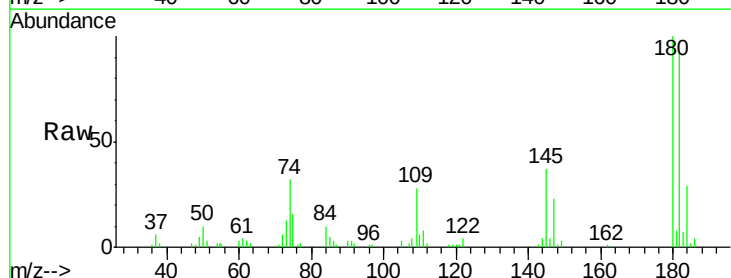
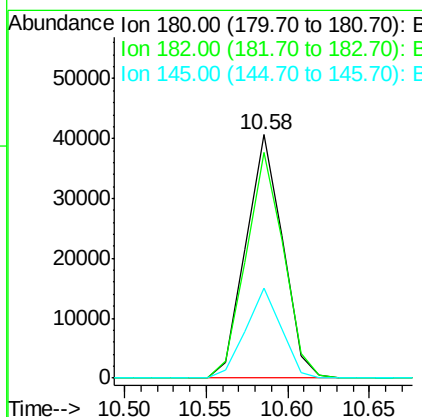
Manual Integrations
 APPROVED

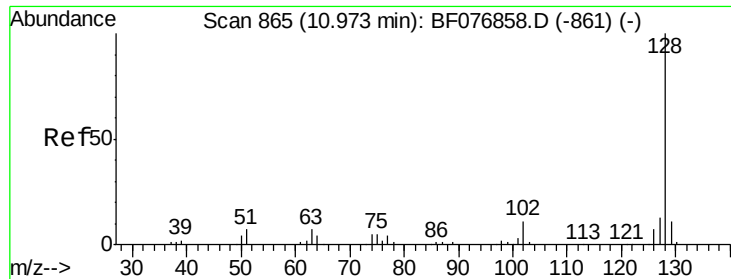
apatel
 1/28/2015 5:40:32 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.96 ng
 RT: 10.58 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.7	73.6	110.4
145	37.2	26.6	39.8





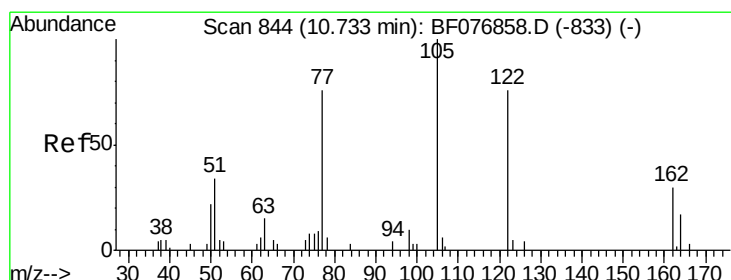
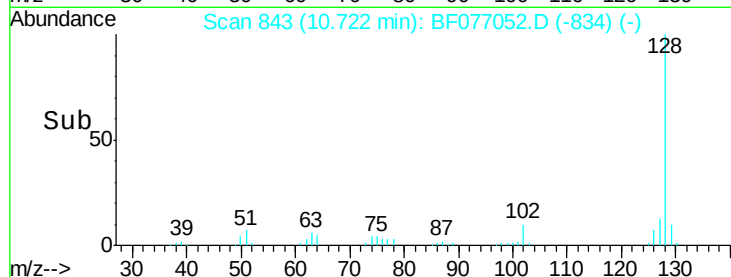
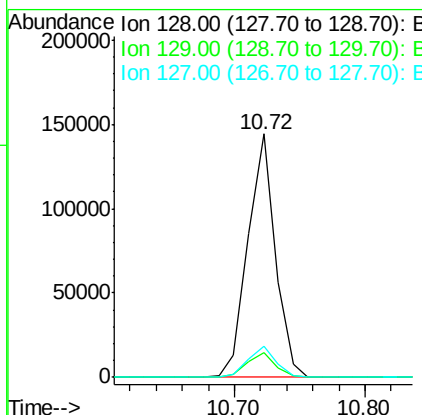
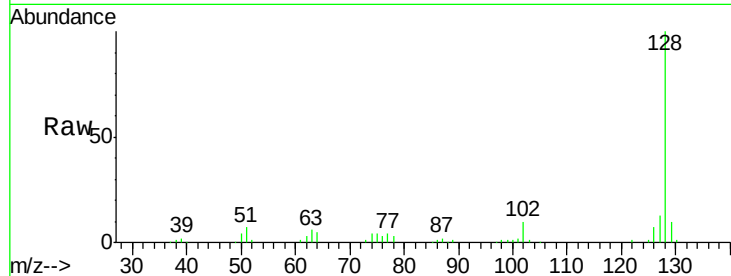
#31
Naphthalene
Concen: 36.05 ng
RT: 10.72 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	211668		
129	10.3	9.0	13.6	
127	12.6	10.2	15.2	

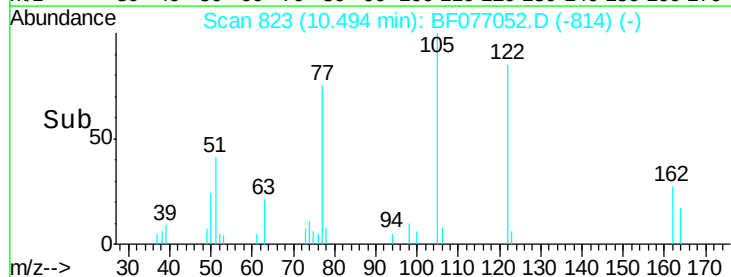
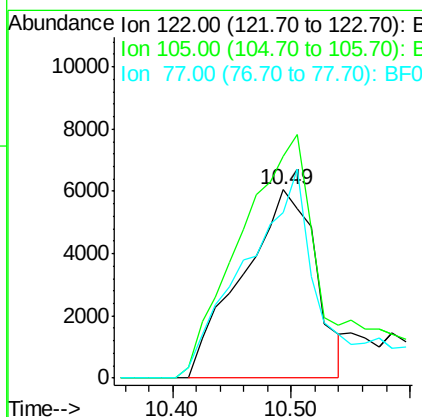
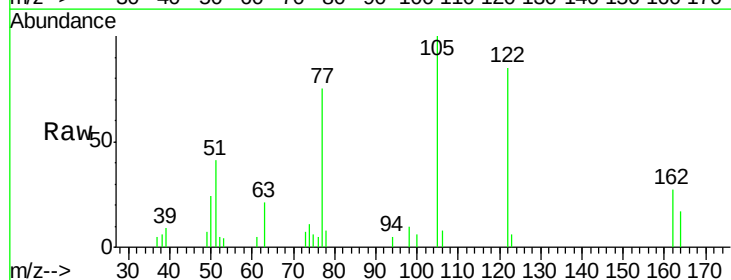
Manual Integrations
APPROVED

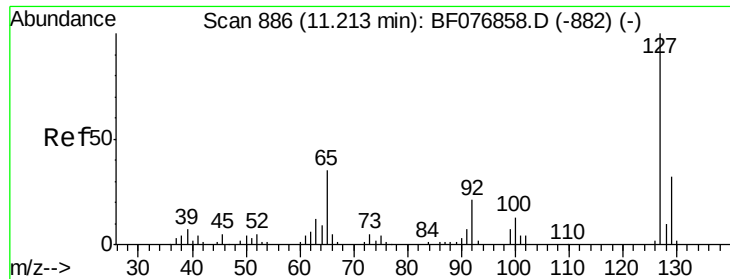
apatel
1/28/2015 5:40:32 PM



#32
Benzoic acid
Concen: 29.00 ng
RT: 10.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	26048		
105	118.0	111.3	151.3	
77	88.1	79.2	119.2	





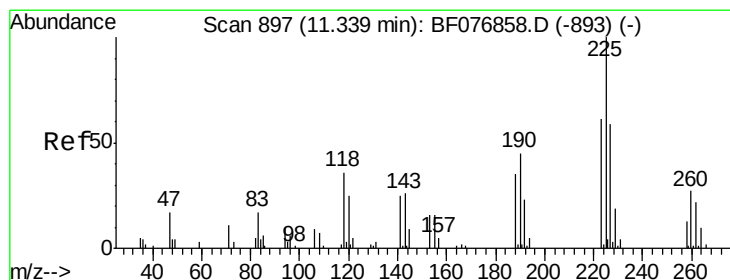
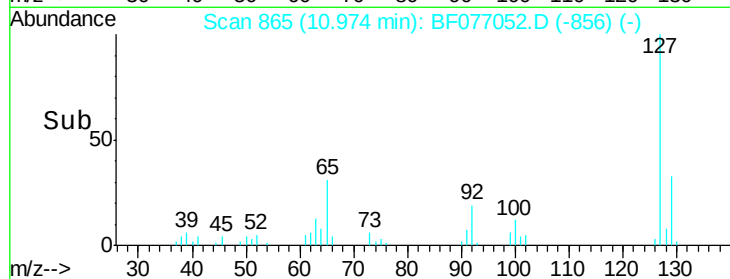
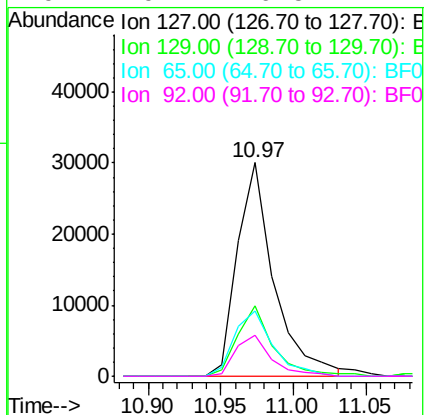
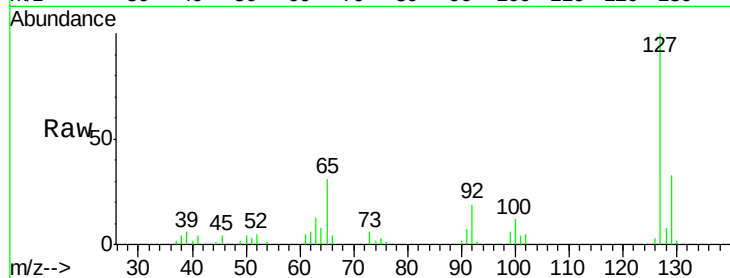
#33
4-Chloroaniline
Concen: 22.29 ng
RT: 10.97 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.3	37.9
65	30.6	27.8	41.6
92	19.2	16.5	24.7

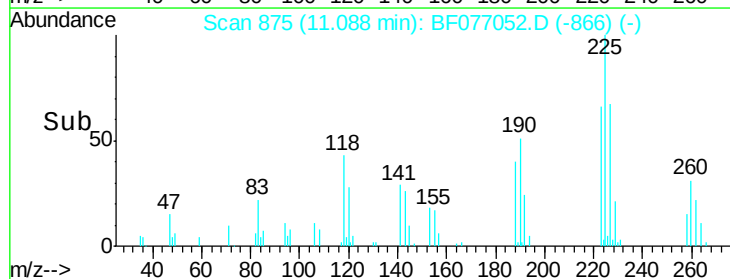
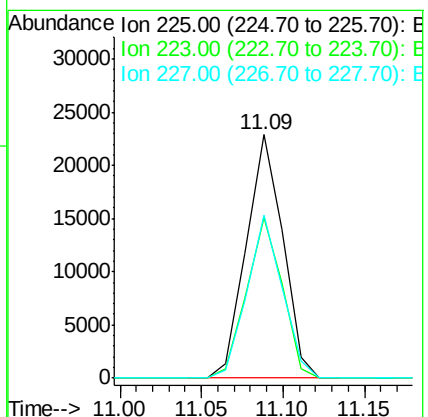
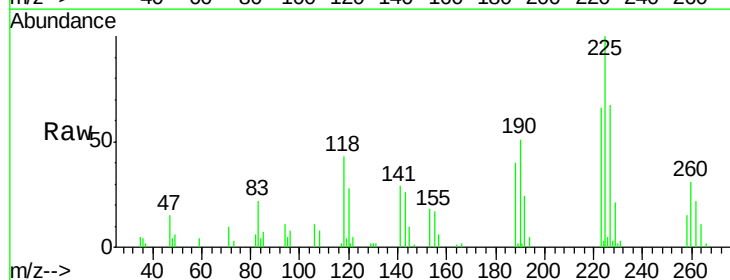
Manual Integrations
APPROVED

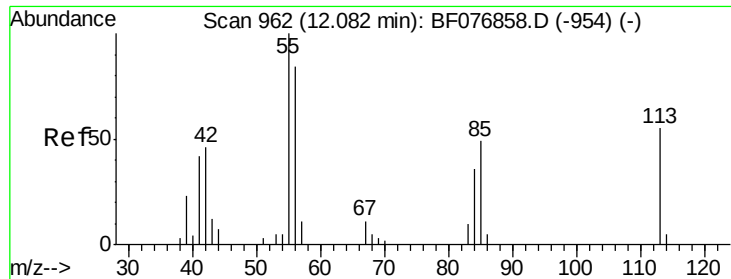
apatel
1/28/2015 5:40:32 PM



#34
Hexachlorobutadiene
Concen: 35.83 ng
RT: 11.09 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	49.1	73.7
227	67.1	47.5	71.3





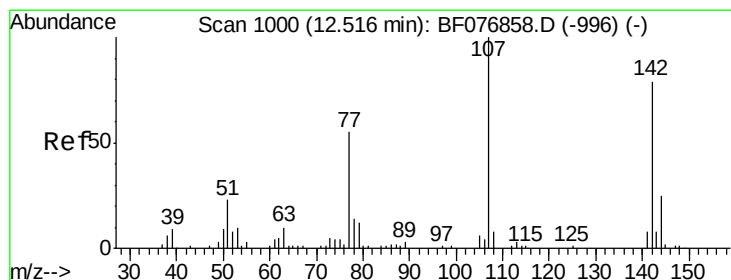
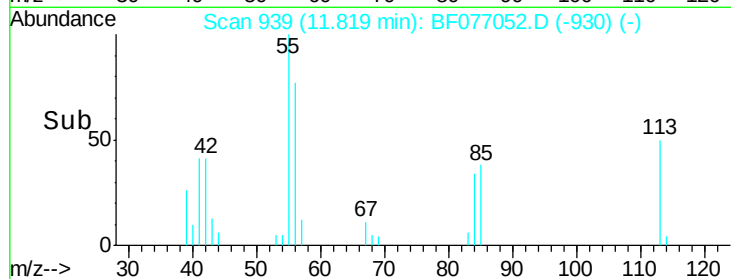
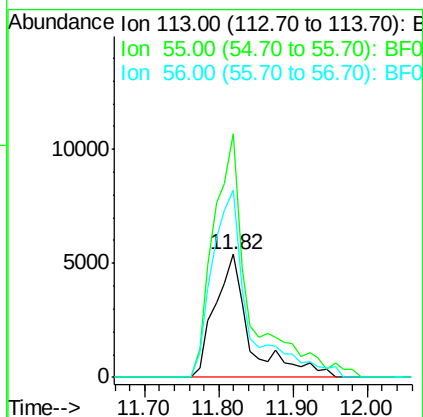
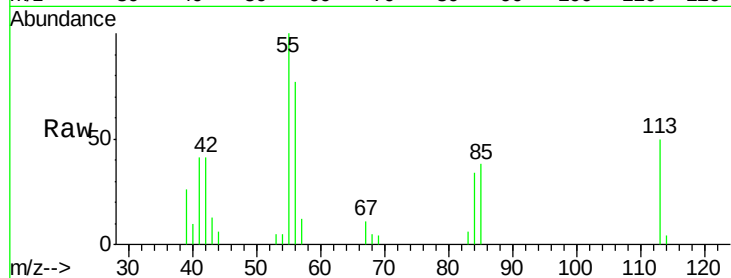
#35
 Caprolactam
 Concen: 39.75 ng m
 RT: 11.82 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Tgt Ion:113 Resp: 17687
 Ion Ratio Lower Upper
 113 100
 55 198.2 162.1 202.1
 56 152.4 133.7 173.7

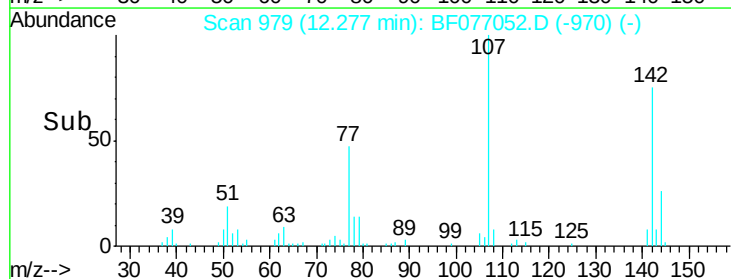
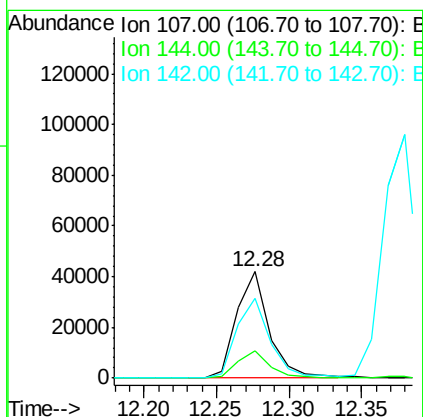
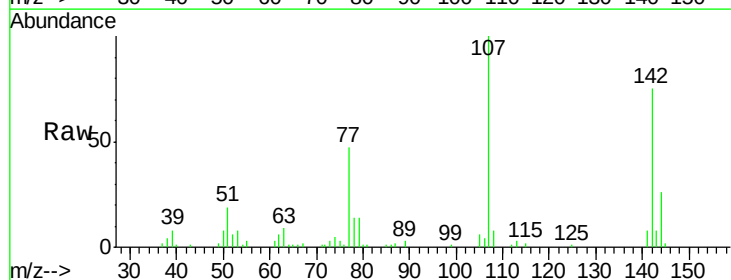
Manual Integrations
 APPROVED

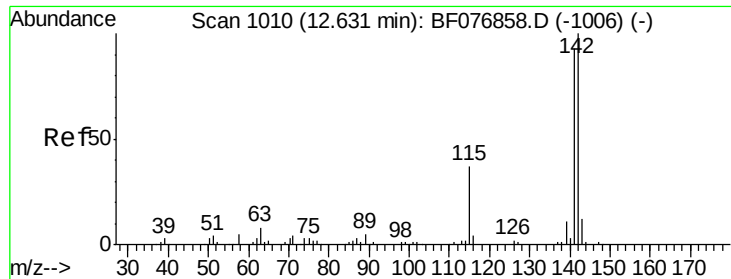
apatel
 1/28/2015 5:40:32 PM



#36
 4-Chloro-3-methylphenol
 Concen: 37.74 ng
 RT: 12.28 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion:107 Resp: 65300
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.0 30.0
 142 75.4 63.5 95.3





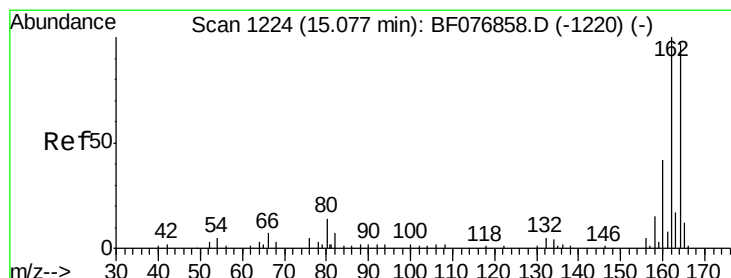
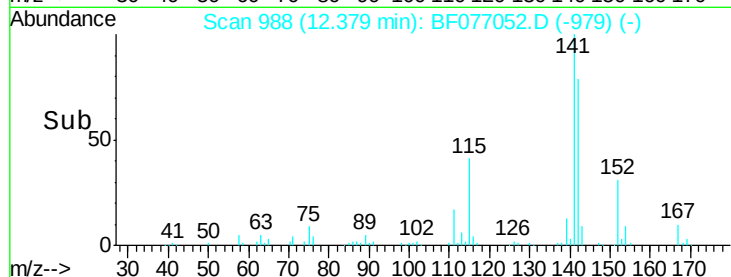
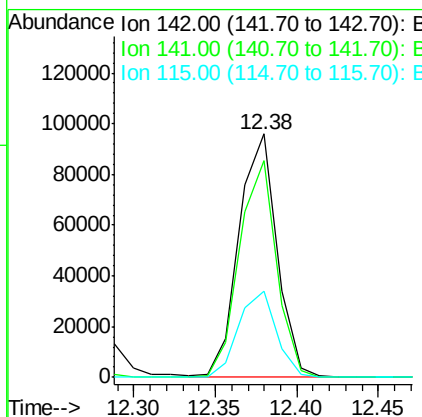
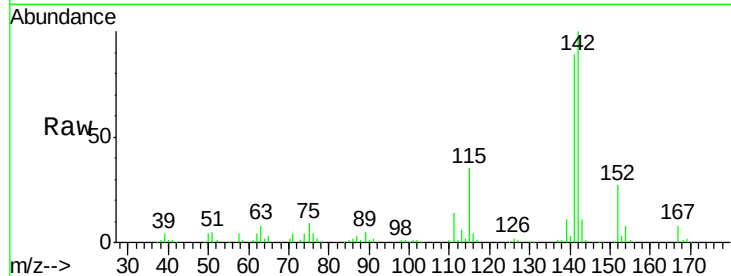
#37
2-Methylnaphthalene
Concen: 38.68 ng
RT: 12.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	74.5	111.7
115	35.5	29.7	44.5

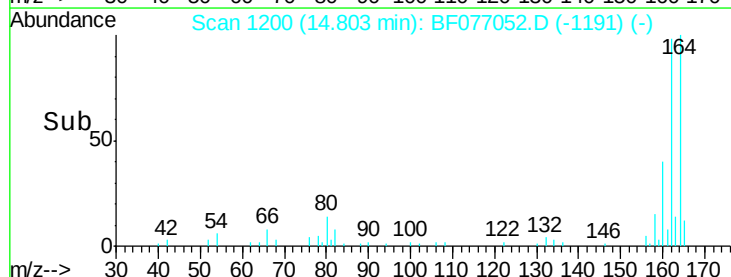
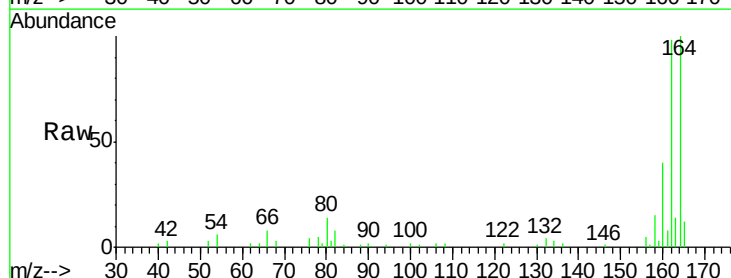
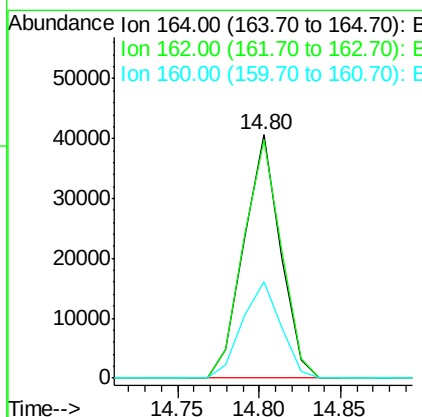
Manual Integrations
APPROVED

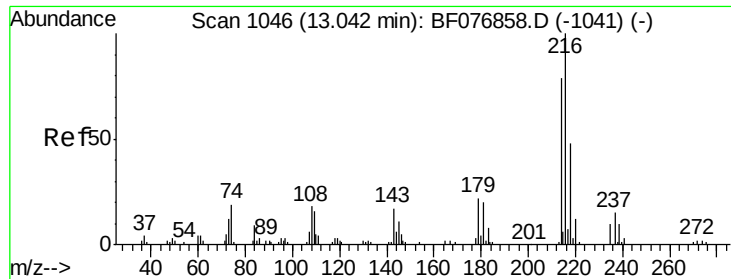
apatel
1/28/2015 5:40:32 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

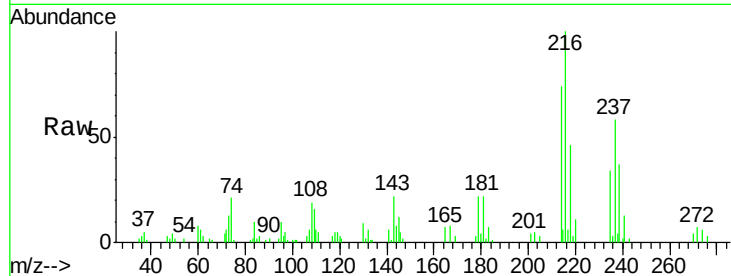
Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.0	82.4	123.6
160	39.6	34.8	52.2





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.03 ng
 RT: 12.78 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

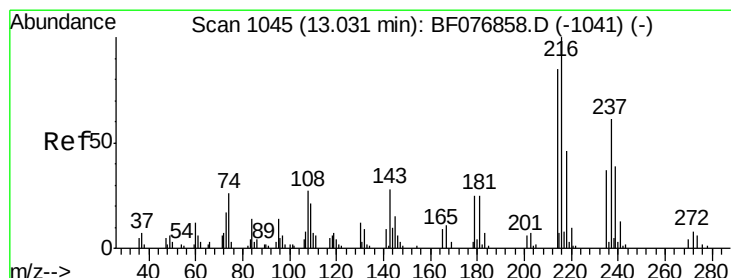
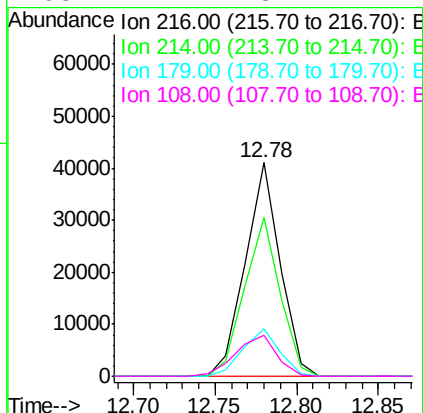
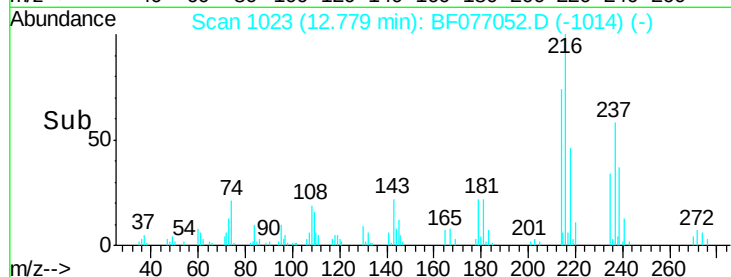
Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS



Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.6	64.9	97.3
179	23.3	18.6	28.0
108	22.7	18.1	27.1

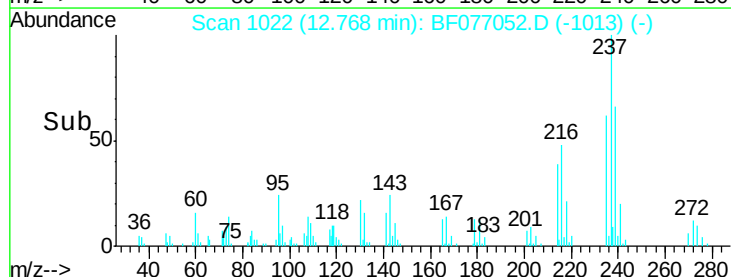
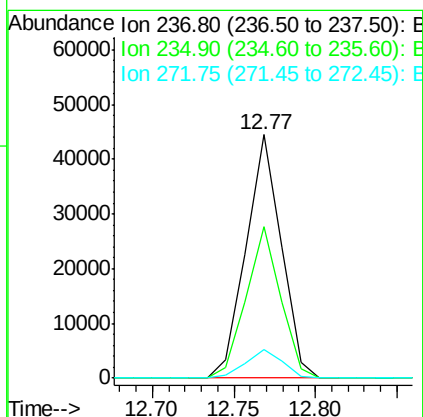
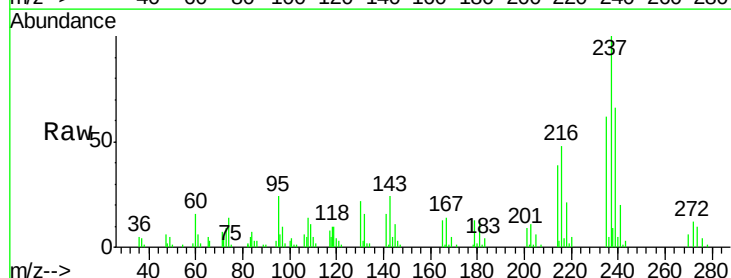
Manual Integrations
 APPROVED

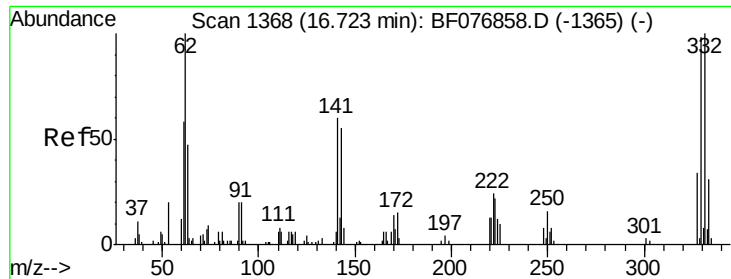
apatel
 1/28/2015 5:40:32 PM



#40
 Hexachlorocyclopentadiene
 Concen: 79.57 ng
 RT: 12.77 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.1	40.4	80.4
272	11.9	0.0	33.2





#41

2,4,6-Tribromophenol

Concen: 118.99 ng

RT: 16.52 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BF077052.D

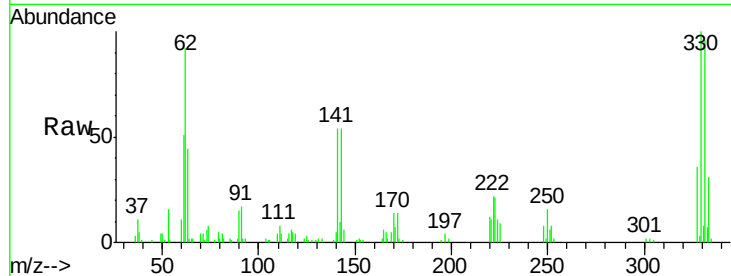
Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

ClientSampleId :

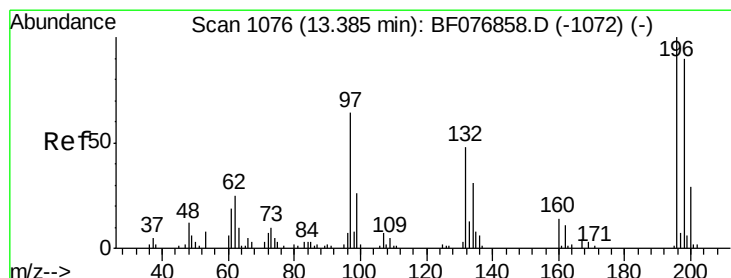
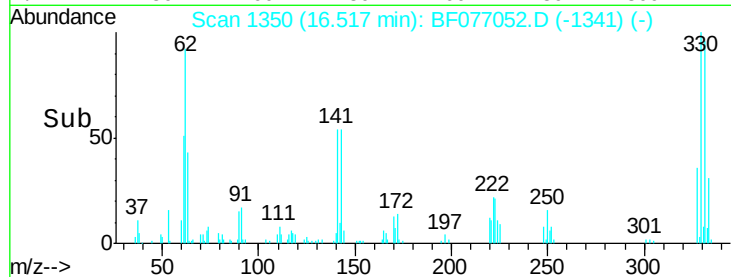
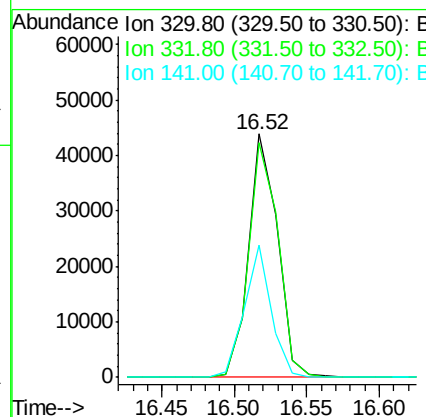
PB81263BS



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	60789		
332	97.9	77.8	116.6	
141	50.3	38.5	57.7	

Manual Integrations
APPROVED

apatel
1/28/2015 5:40:32 PM



#42

2,4,6-Trichlorophenol

Concen: 35.88 ng

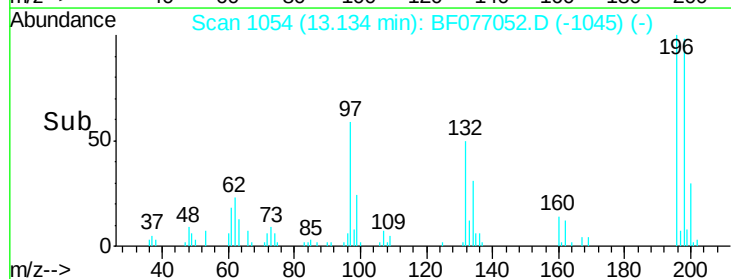
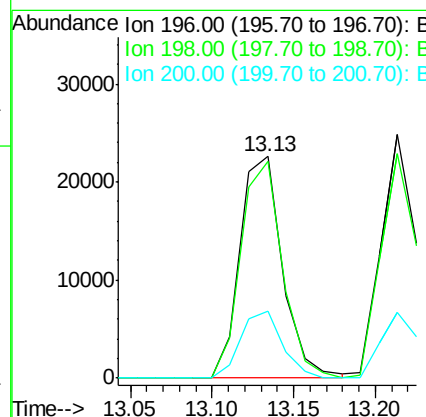
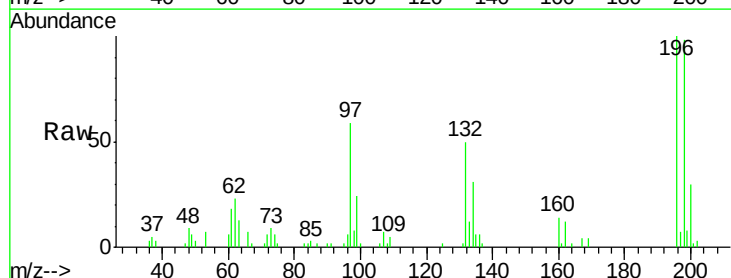
RT: 13.13 min Scan# 1054

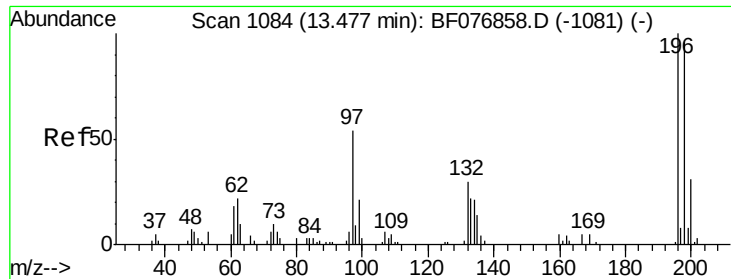
Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	40683		
198	97.7	72.0	108.0	
200	30.1	23.4	35.2	





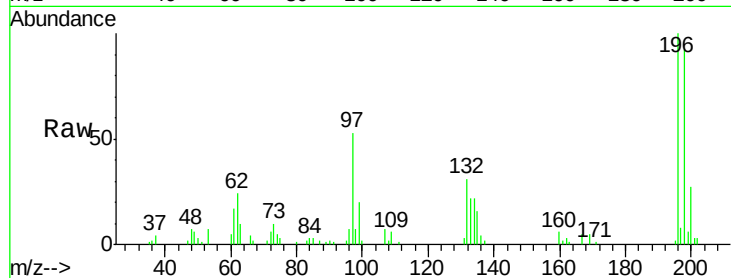
#43
 2,4,5-Trichlorophenol
 Concen: 35.36 ng
 RT: 13.21 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

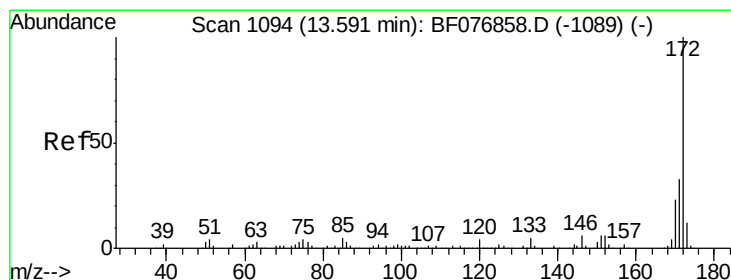
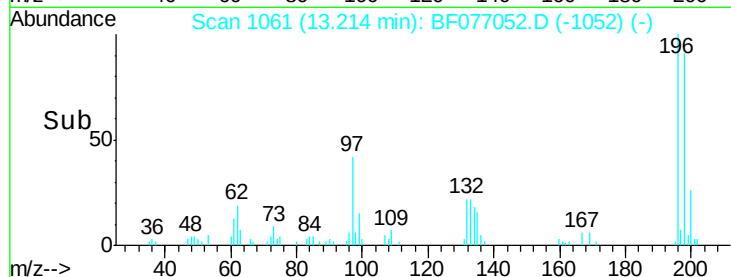
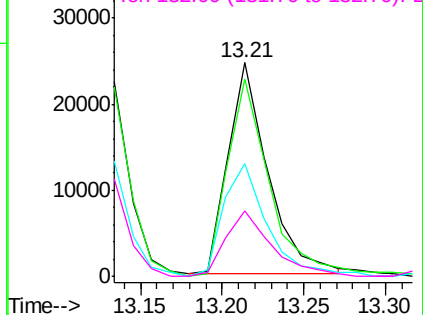
Tgt Ion:	196	Resp:	40888
Ion Ratio	Lower	Upper	
196	100		
198	92.3	76.6	115.0
97	52.7	43.4	65.0
132	30.7	23.7	35.5

Manual Integrations
 APPROVED

apatel
 1/28/2015 5:40:32 PM



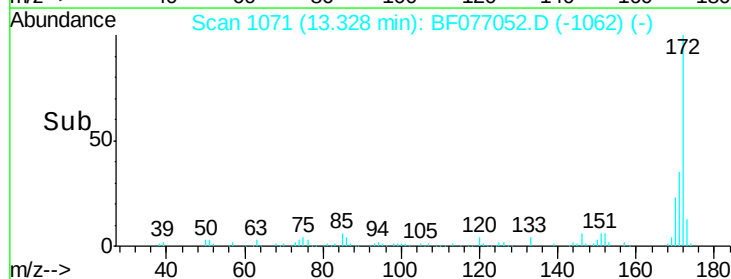
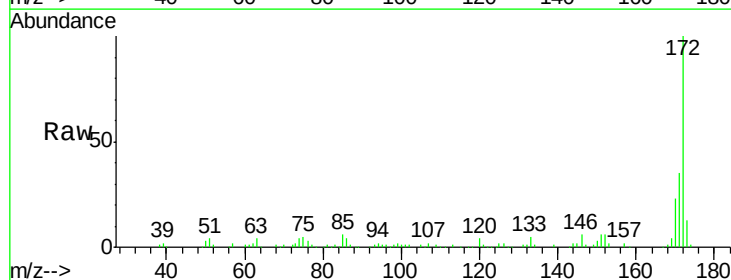
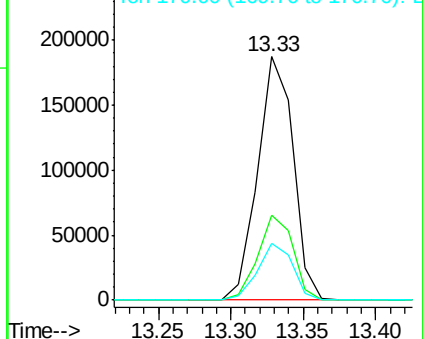
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

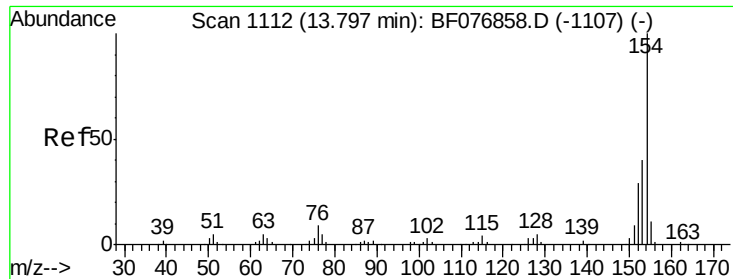


#44
 2-Fluorobiphenyl
 Concen: 76.95 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion:	172	Resp:	318227
Ion Ratio	Lower	Upper	
172	100		
171	35.1	26.6	40.0
170	23.3	18.0	27.0

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





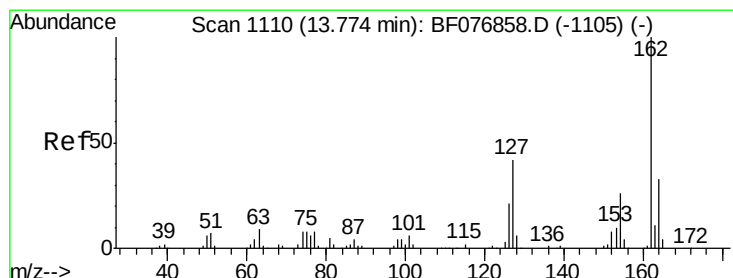
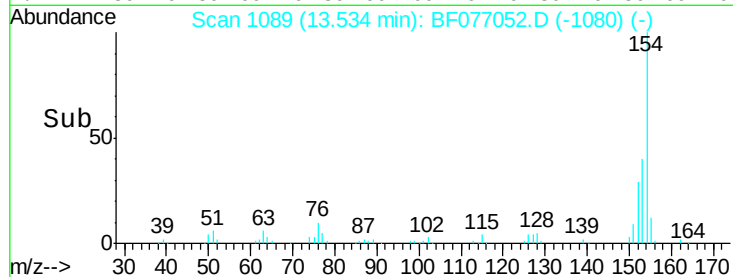
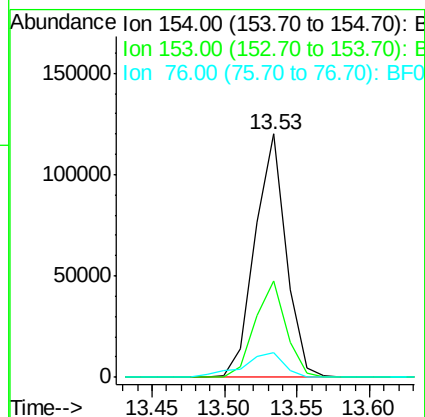
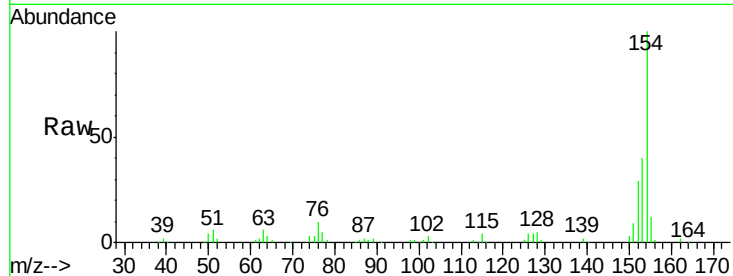
#45
 1,1'-Biphenyl
 Concen: 38.12 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Tgt Ion:	154	Resp:	177852
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.2	60.2
76	10.0	0.0	29.0

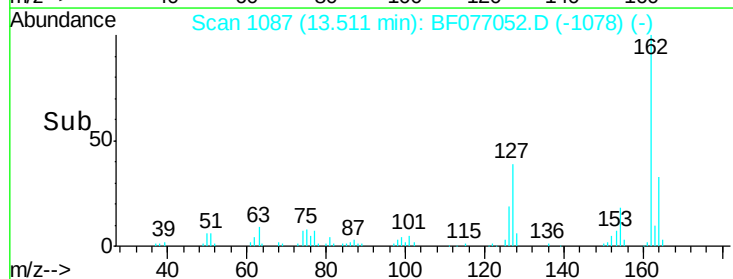
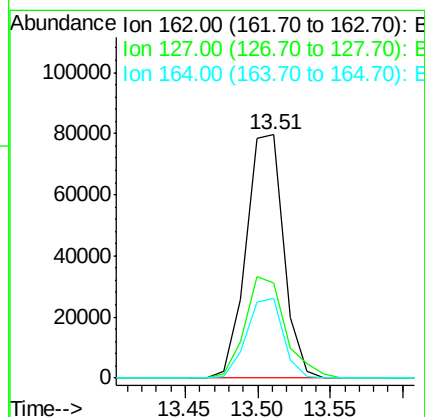
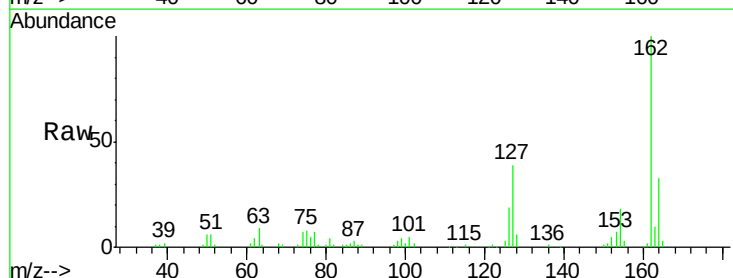
Manual Integrations
 APPROVED

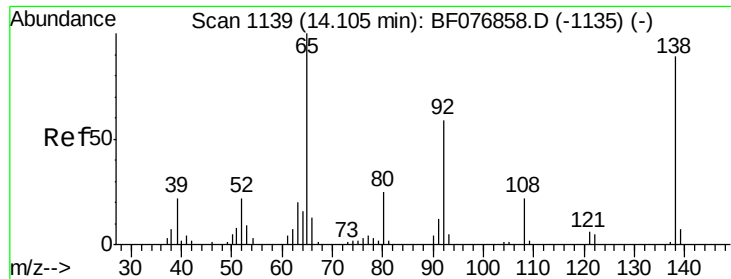
apatel
 1/28/2015 5:40:32 PM



#46
 2-Chloronaphthalene
 Concen: 37.16 ng
 RT: 13.51 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion:	162	Resp:	142661
Ion Ratio	Lower	Upper	
162	100		
127	39.0	33.8	50.6
164	32.9	26.8	40.2





#47

2-Nitroaniline

Concen: 37.53 ng

RT: 13.85 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

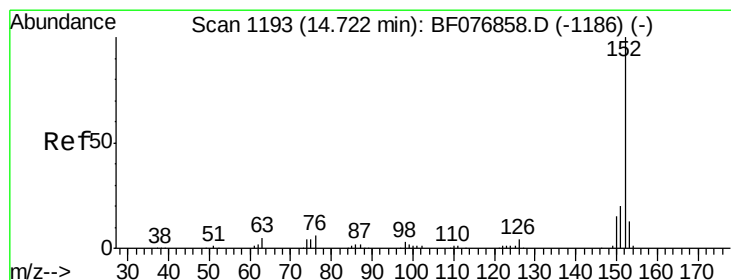
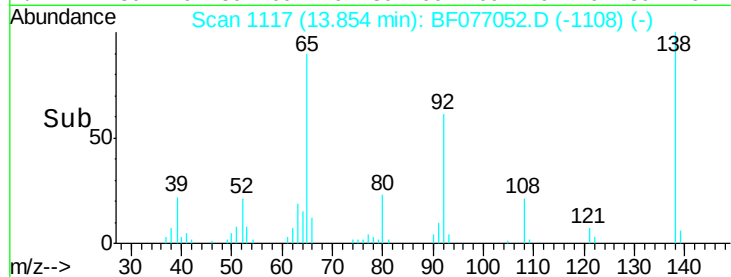
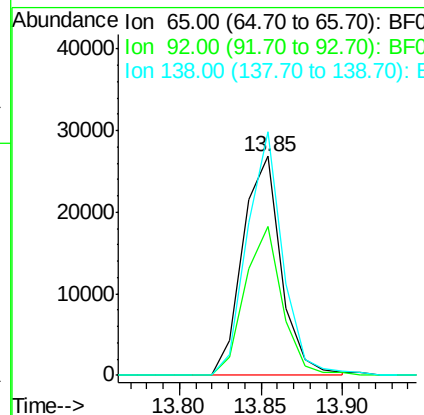
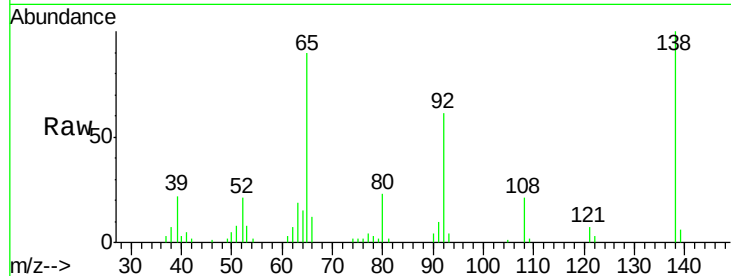
ClientSampleId :

PB81263BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	47.3	70.9
138	111.3	71.4	107.2

Manual Integrations
APPROVED

apatel
1/28/2015 5:40:32 PM



#48

Acenaphthylene

Concen: 35.70 ng

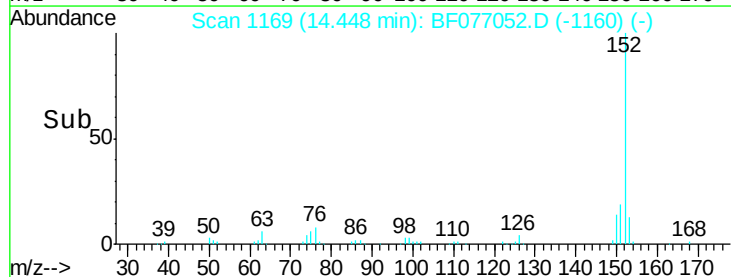
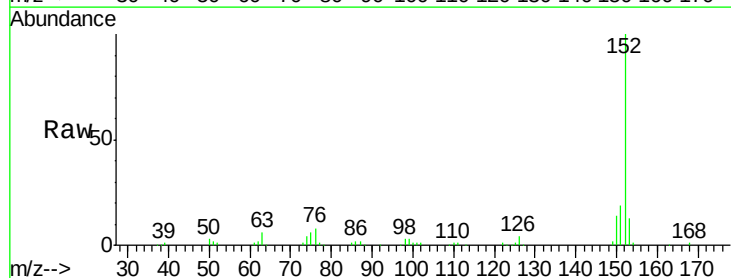
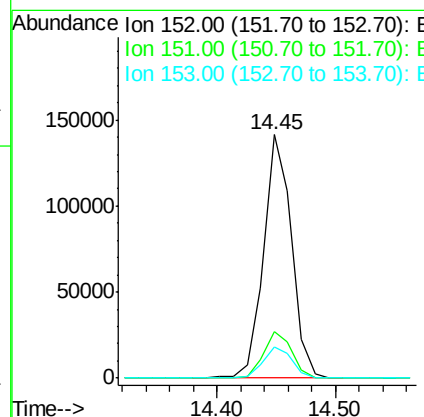
RT: 14.45 min Scan# 1169

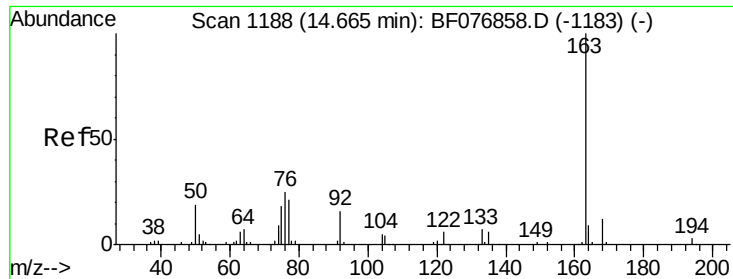
Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.9	23.9
153	12.8	10.2	15.4





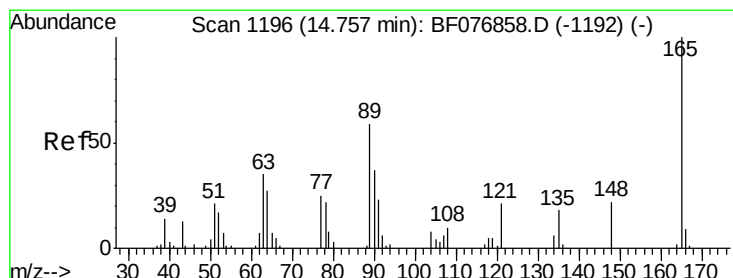
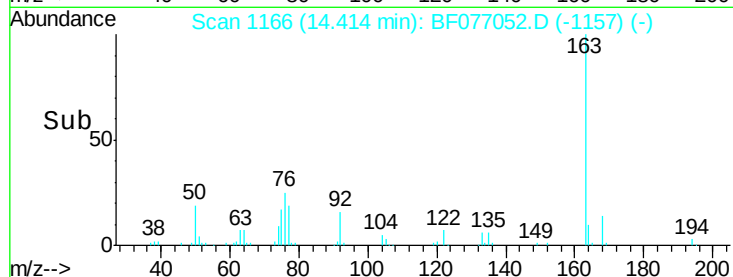
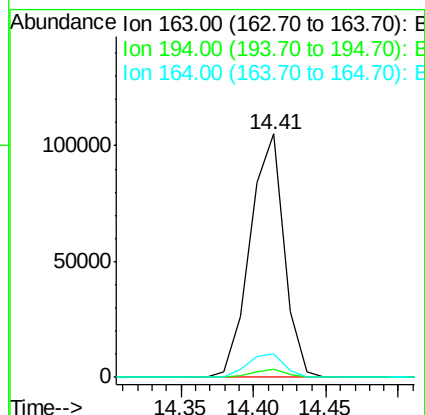
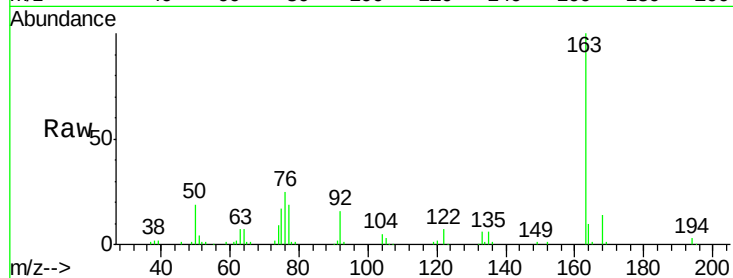
#49
Dimethylphthalate
Concen: 38.22 ng
RT: 14.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	9.9	7.5	11.3

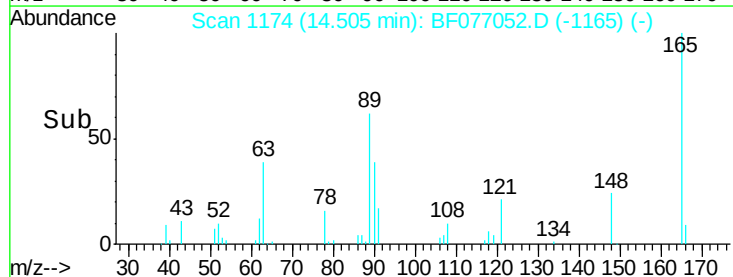
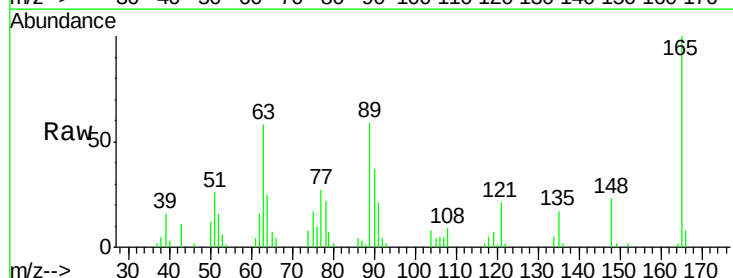
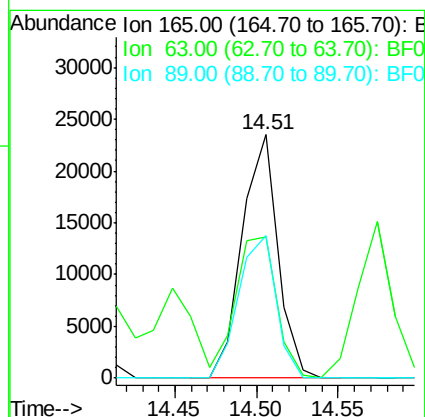
Manual Integrations
APPROVED

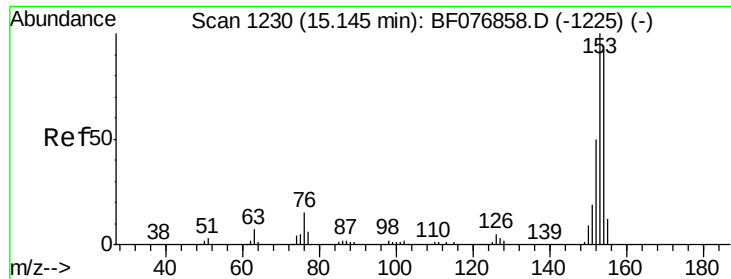
apatel
1/28/2015 5:40:32 PM



#50
2,6-Dinitrotoluene
Concen: 40.03 ng
RT: 14.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	58.2	48.1	72.1
89	58.7	47.2	70.8





#51

Acenaphthene

Concen: 35.96 ng

RT: 14.87 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

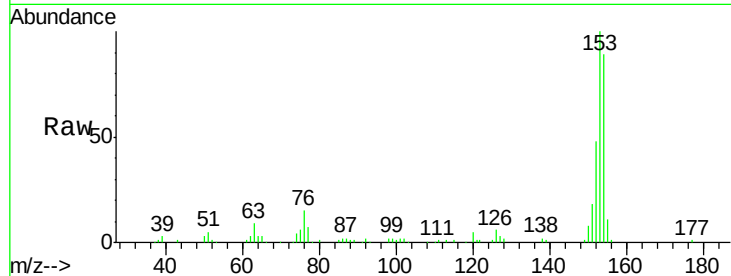
ClientSampleId :

PB81263BS

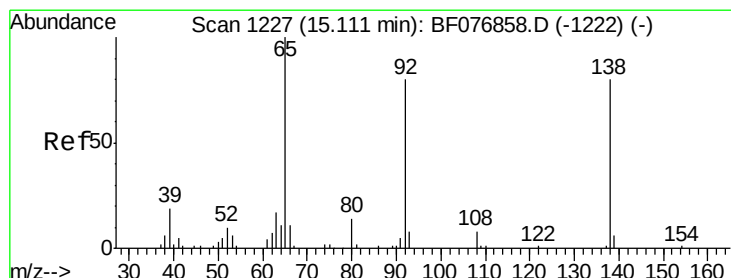
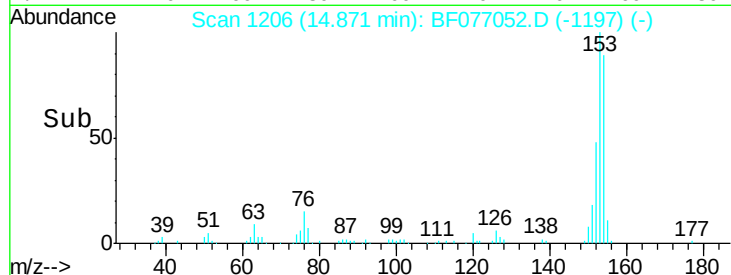
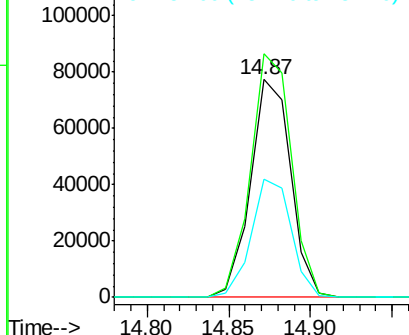
Tgt Ion:	154	Resp:	132137
Ion Ratio	Lower	Upper	
154	100		
153	111.8	87.0	130.6
152	54.2	43.5	65.3

Manual Integrations
APPROVED

apatel
1/28/2015 5:40:32 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.71 ng

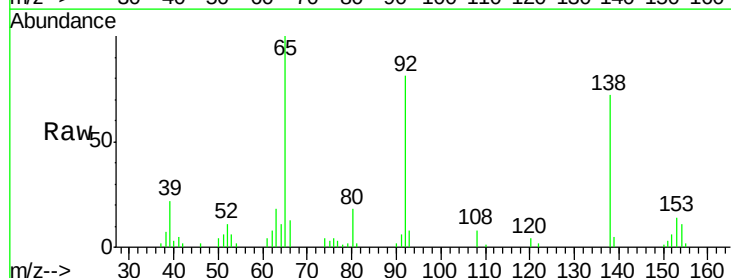
RT: 14.85 min Scan# 1204

Delta R.T. 0.00 min

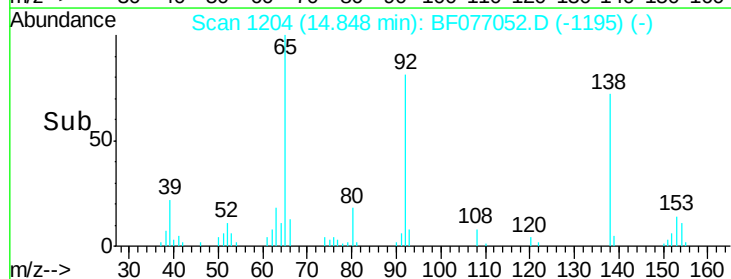
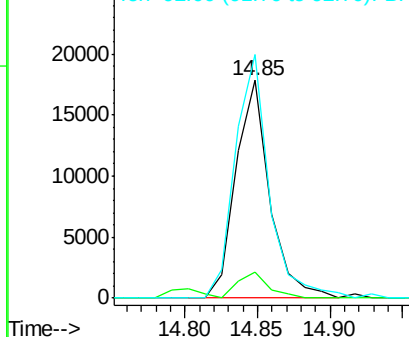
Lab File: BF077052.D

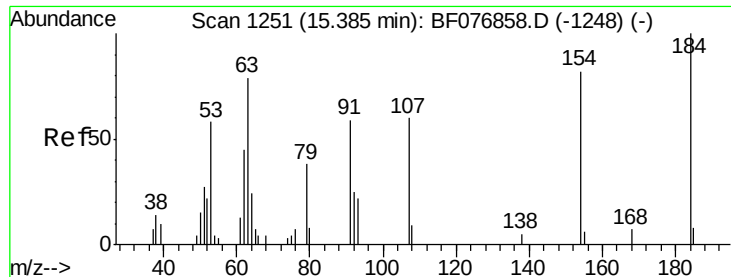
Acq: 26 Jan 2015 14:03

Tgt Ion:	138	Resp:	28921
Ion Ratio	Lower	Upper	
138	100		
108	11.7	8.3	12.5
92	111.9	80.9	121.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





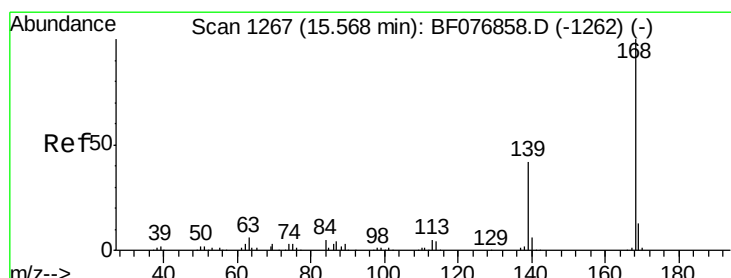
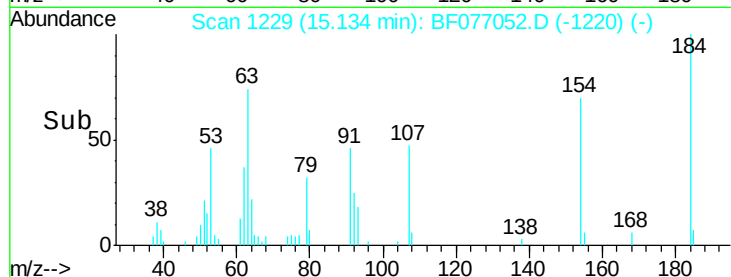
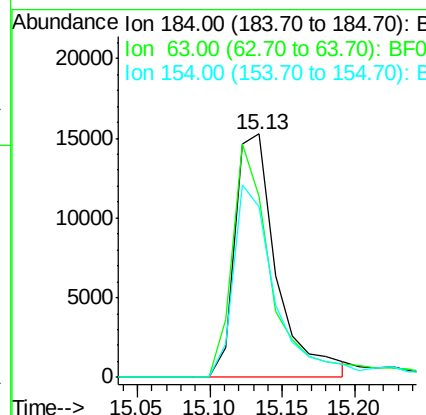
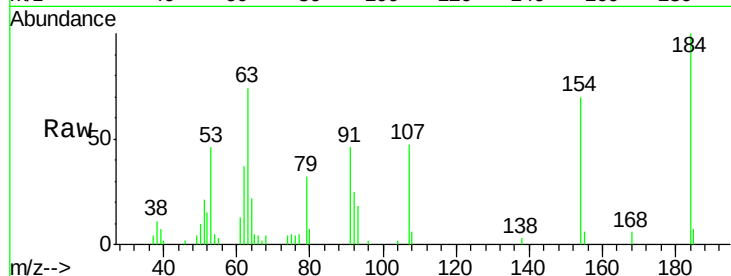
#53
2,4-Dinitrophenol
Concen: 74.16 ng
RT: 15.13 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	30612		
63	74.4	63.0	94.6	
154	70.0	65.5	98.3	

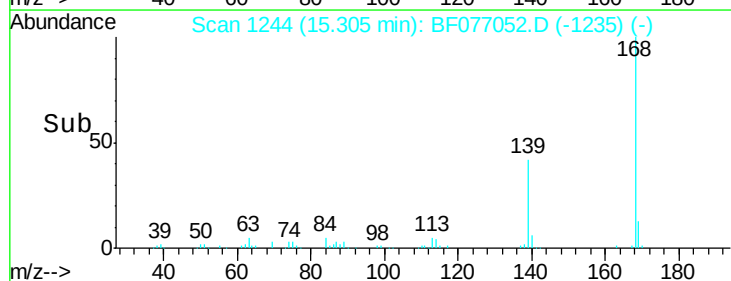
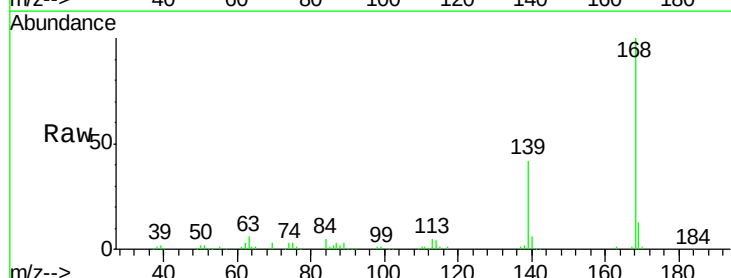
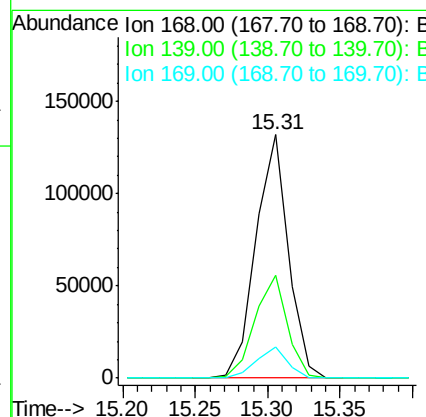
Manual Integrations
APPROVED

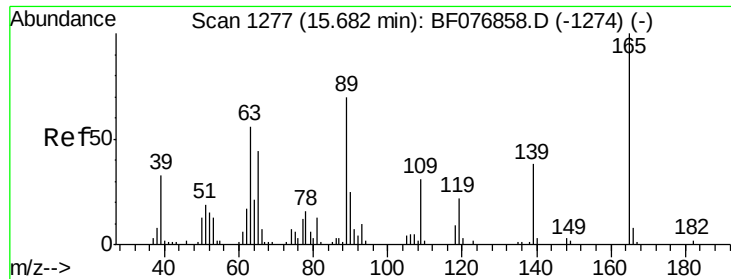
apatel
1/28/2015 5:40:32 PM



#54
Dibenzofuran
Concen: 38.21 ng
RT: 15.31 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	204520		
139	42.2	33.4	50.2	
169	13.0	10.6	15.8	





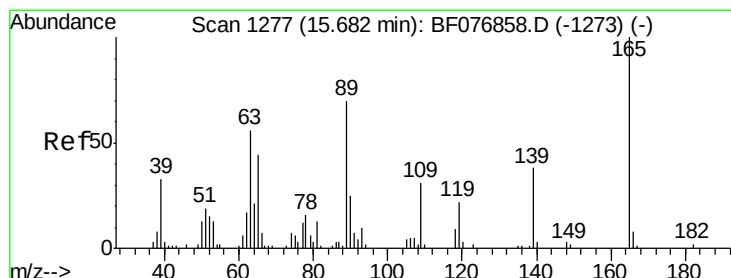
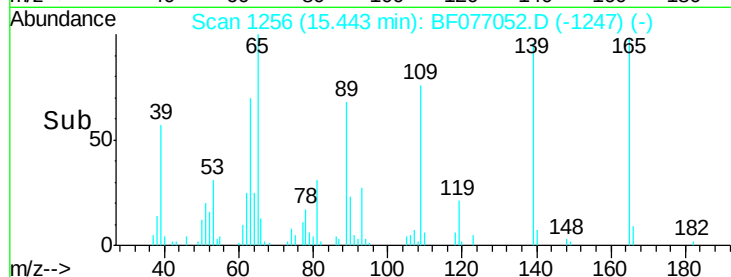
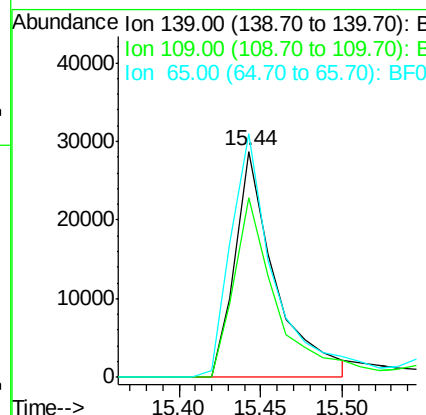
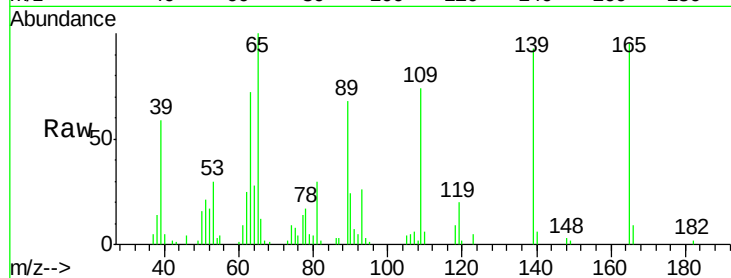
#55
4-Nitrophenol
Concen: 70.47 ng
RT: 15.44 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion:139 Resp: 49303
Ion Ratio Lower Upper
139 100
109 79.3 61.0 101.0
65 107.8 96.6 136.6

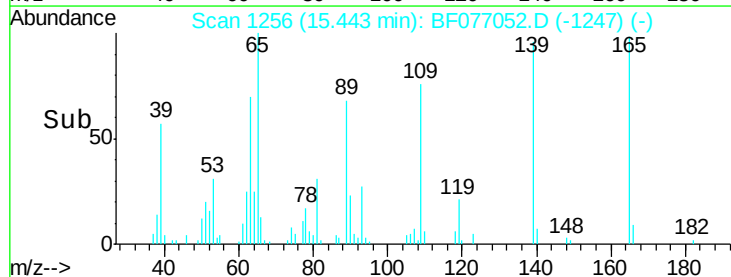
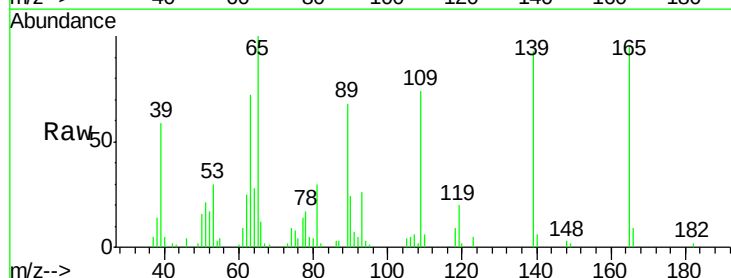
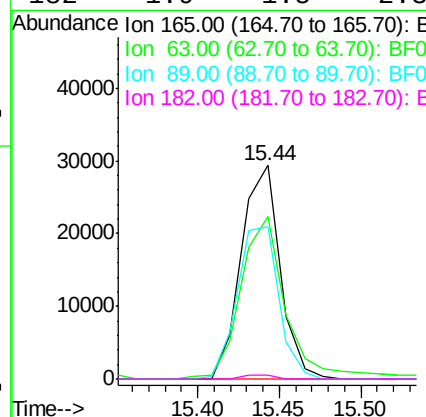
Manual Integrations
APPROVED

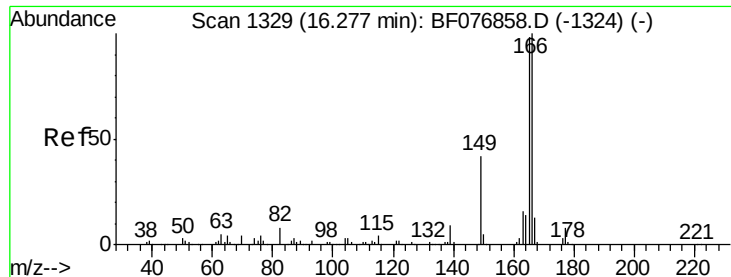
apatel
1/28/2015 5:40:32 PM



#56
2,4-Dinitrotoluene
Concen: 36.71 ng
RT: 15.44 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion:165 Resp: 48380
Ion Ratio Lower Upper
165 100
63 76.3 44.8 67.2#
89 71.2 56.2 84.2
182 1.9 1.5 2.3





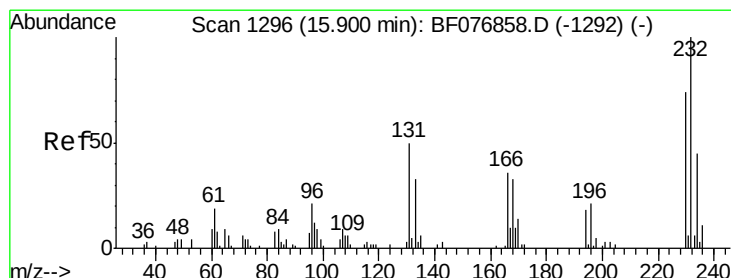
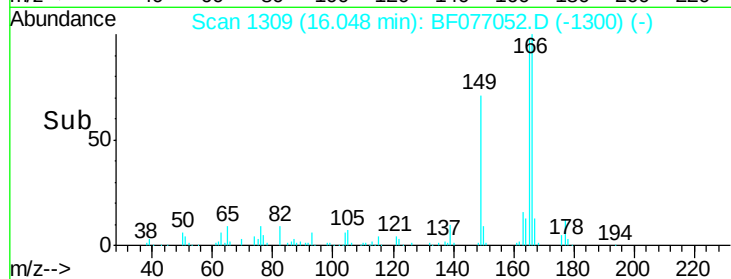
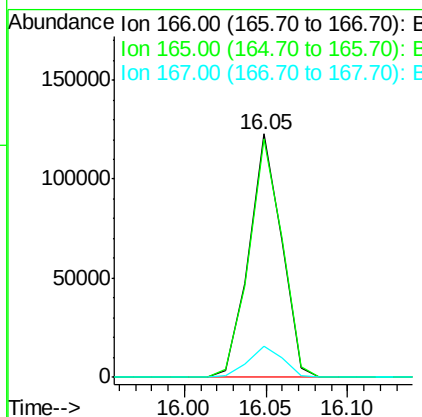
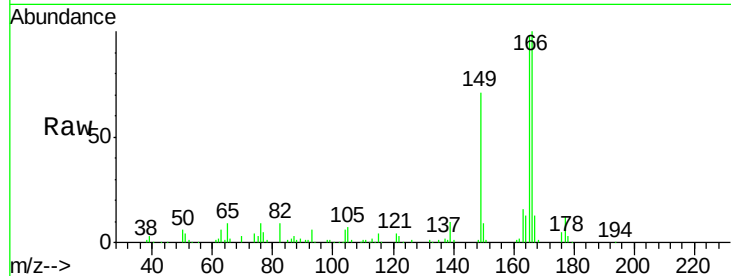
#57
Fluorene
 Concen: 37.57 ng
 RT: 16.05 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Tgt Ion:	166	Resp:	170366
Ion Ratio	Lower	Upper	
166	100		
165	97.7	78.5	117.7
167	12.6	10.4	15.6

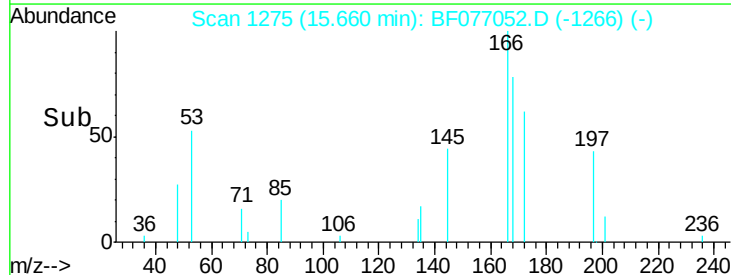
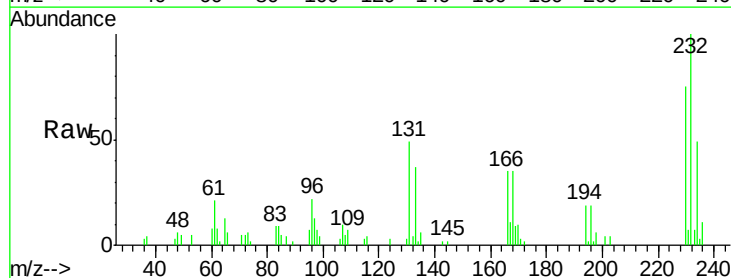
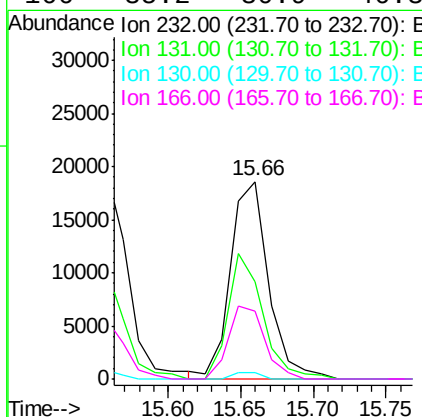
Manual Integrations
 APPROVED

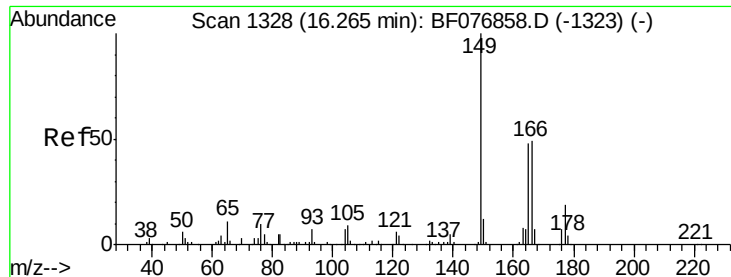
apatel
 1/28/2015 5:40:32 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.33 ng
 RT: 15.66 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion:	232	Resp:	33959
Ion Ratio	Lower	Upper	
232	100		
131	58.1	45.0	67.6
130	2.4	2.6	3.8#
166	35.2	30.9	46.3





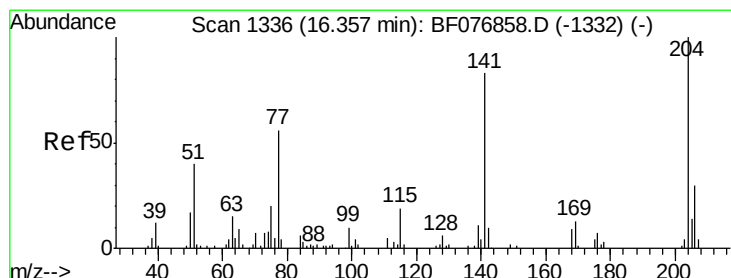
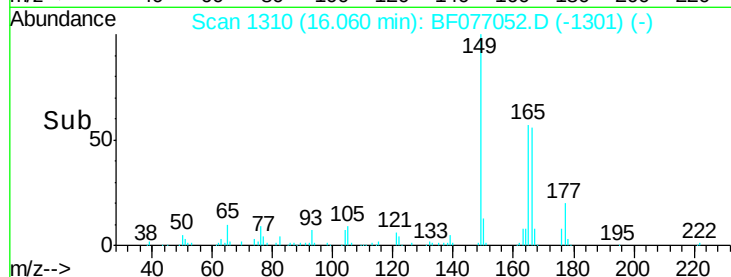
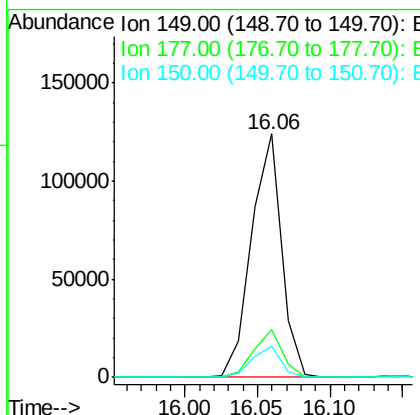
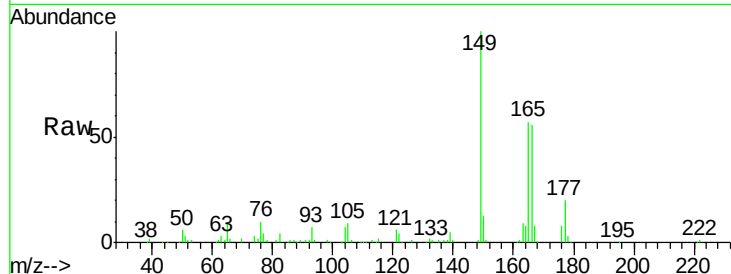
#59
Diethylphthalate
Concen: 39.79 ng
RT: 16.06 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	179491		
177	19.6	15.0	22.6	
150	12.8	9.4	14.0	

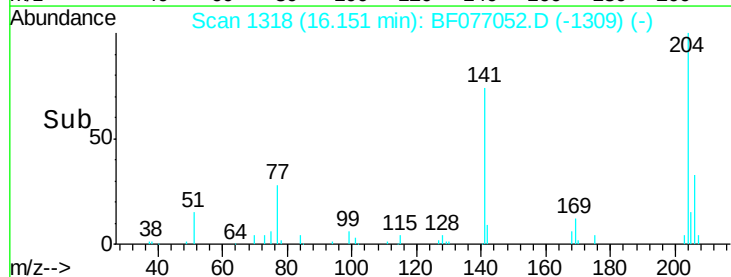
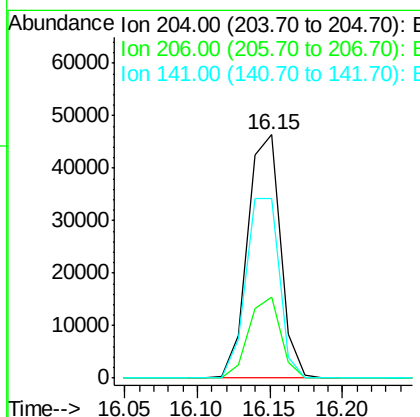
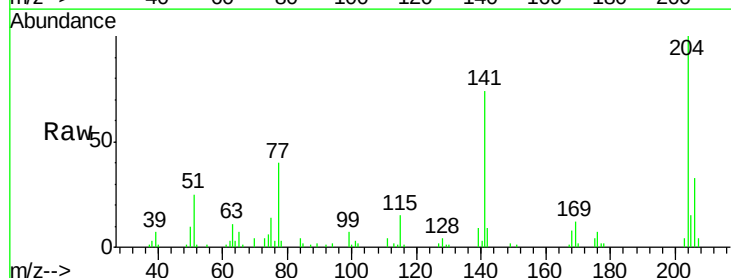
Manual Integrations
APPROVED

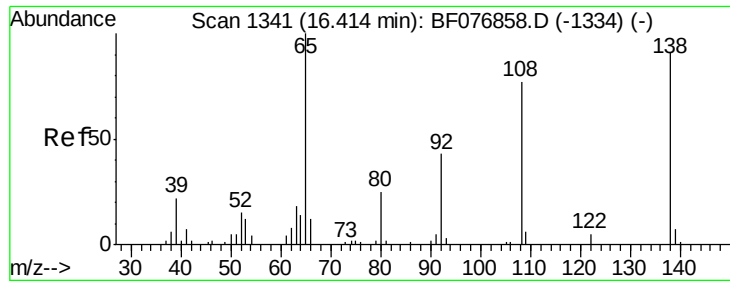
apatel
1/28/2015 5:40:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.20 ng
RT: 16.15 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	72738		
206	33.1	24.2	36.2	
141	74.0	66.7	100.1	





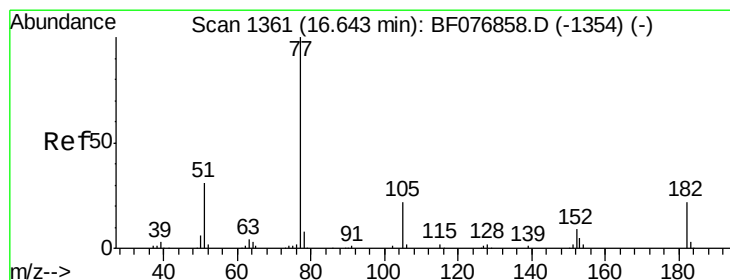
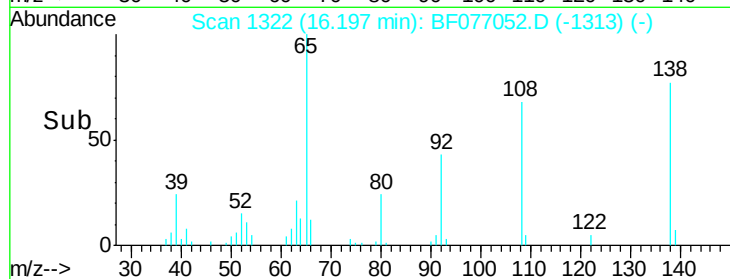
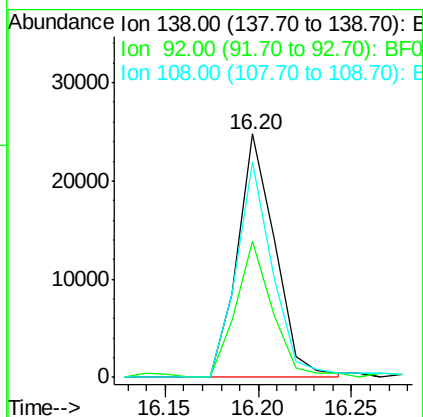
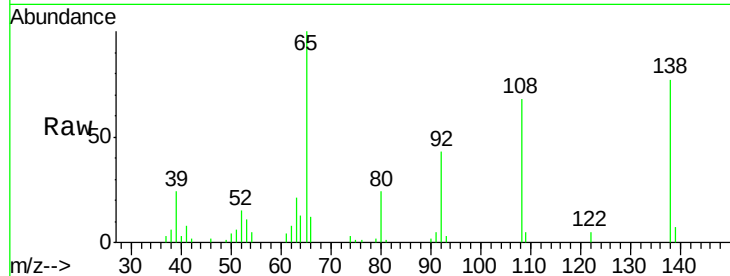
#61
4-Nitroaniline
Concen: 31.52 ng
RT: 16.20 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion: 138 Resp: 34867
Ion Ratio Lower Upper
138 100
92 56.0 26.7 66.7
108 88.4 64.5 104.5

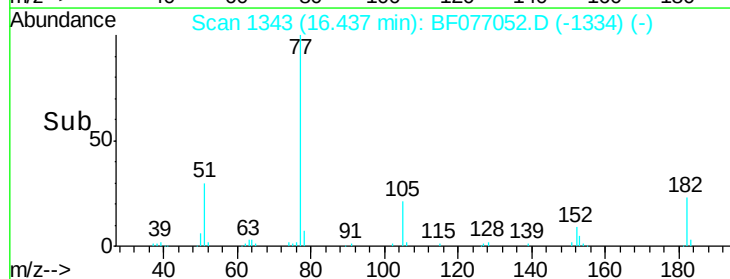
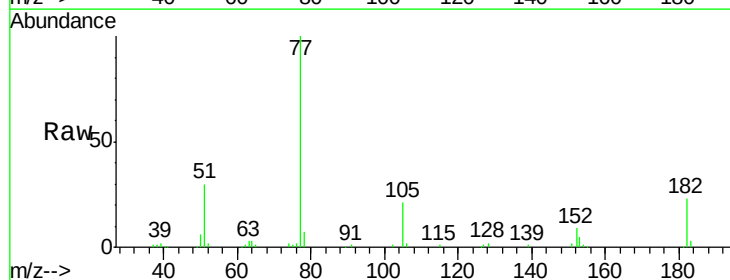
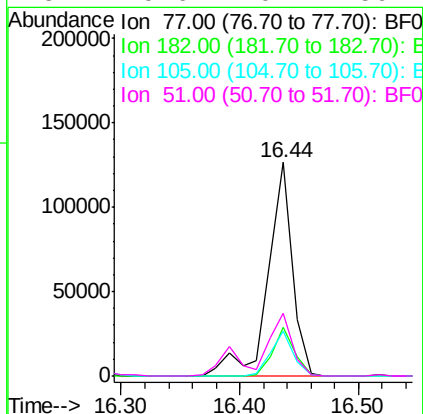
Manual Integrations
APPROVED

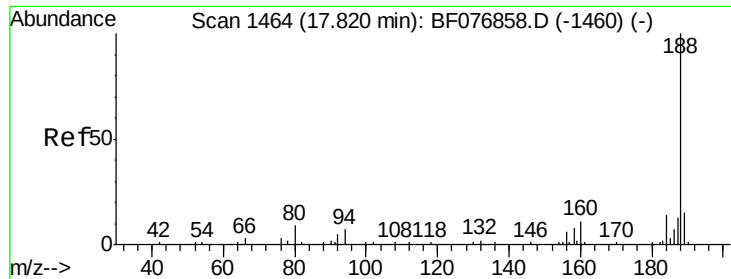
apatel
1/28/2015 5:40:32 PM



#62
Azobenzene
Concen: 38.77 ng
RT: 16.44 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion: 77 Resp: 182203
Ion Ratio Lower Upper
77 100
182 23.0 2.0 42.0
105 21.1 2.3 42.3
51 29.6 10.7 50.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.64 min Scan# 1448

Delta R.T. 0.00 min

Lab File: BF077052.D

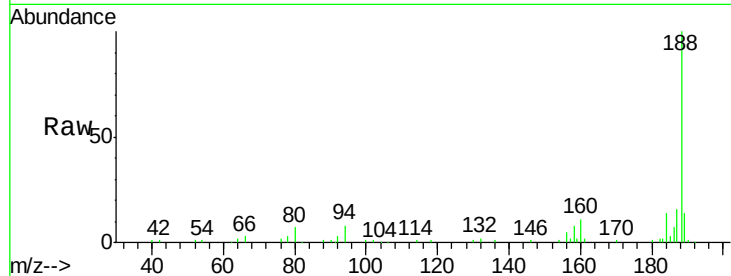
Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

ClientSampleId :

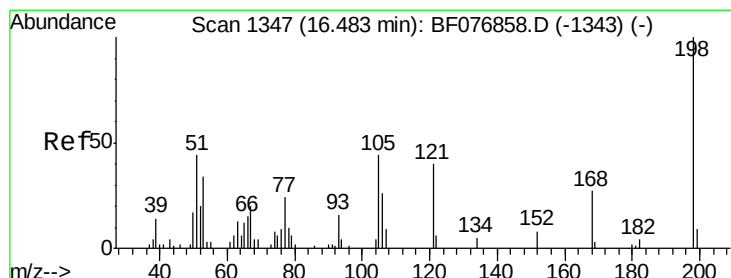
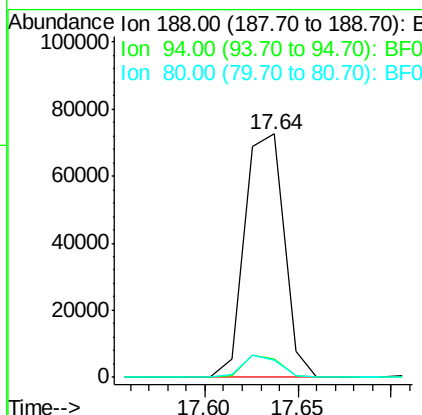
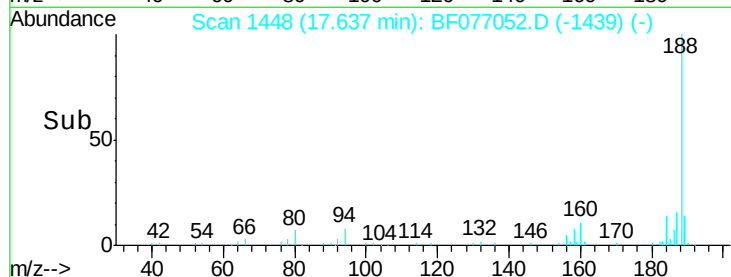
PB81263BS



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	106104		
94	7.7	6.0	9.0	
80	6.8	6.9	10.3	

Manual Integrations
APPROVED

apatel
1/28/2015 5:40:32 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 35.82 ng

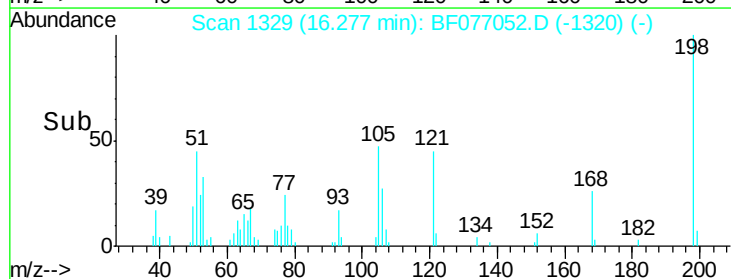
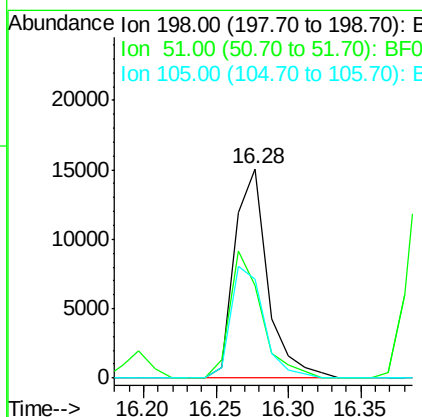
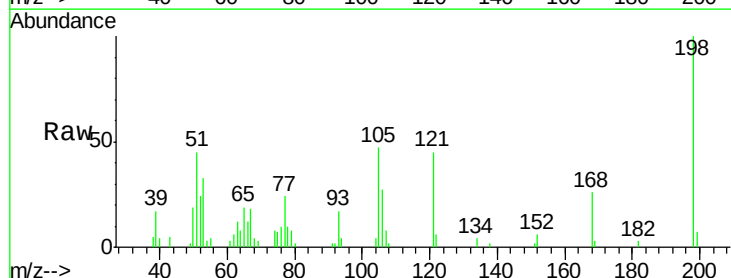
RT: 16.28 min Scan# 1329

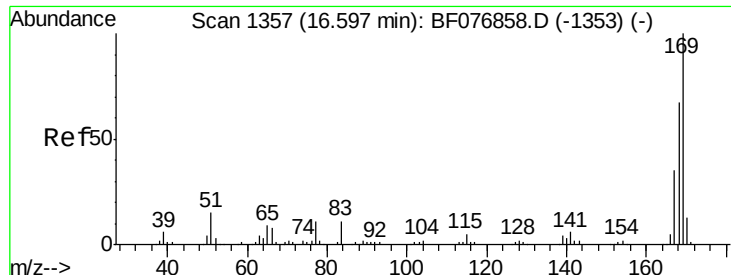
Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	23814		
51	44.5	24.2	64.2	
105	47.3	24.0	64.0	





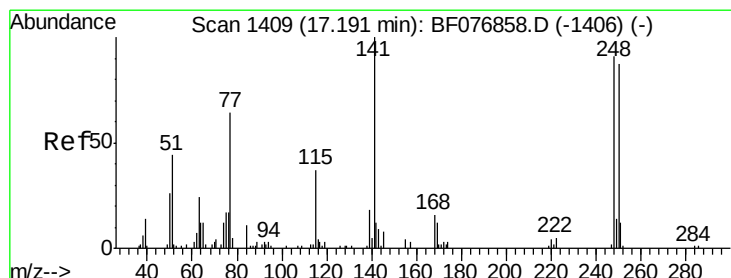
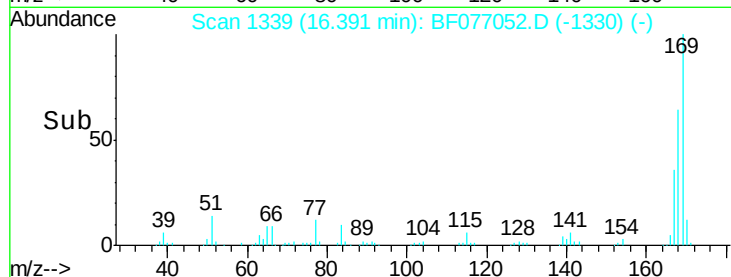
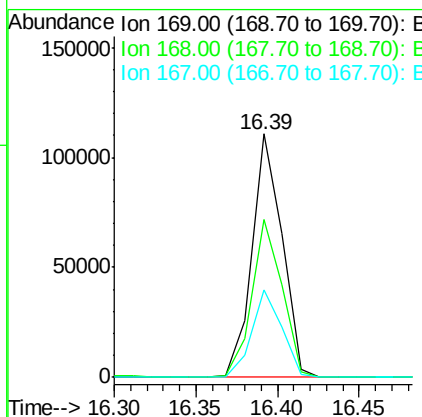
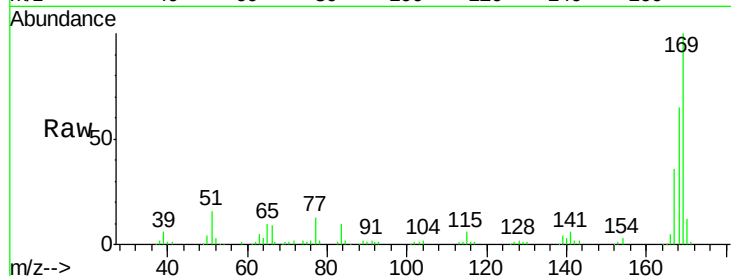
#65
 n-Nitrosodiphenylamine
 Concen: 37.53 ng
 RT: 16.39 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	142002		
168	65.0	53.8	80.6	
167	35.9	27.8	41.6	

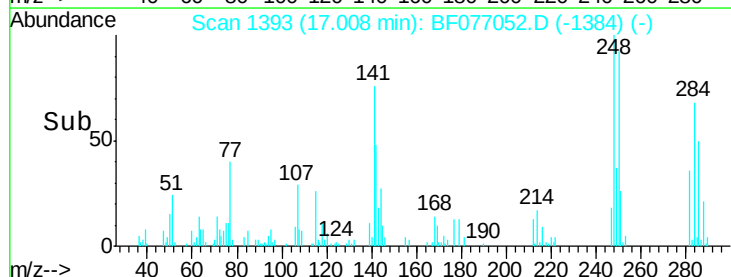
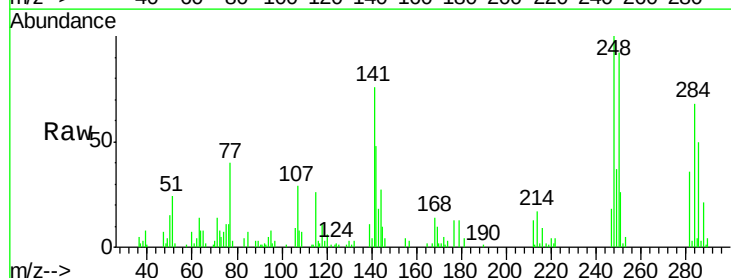
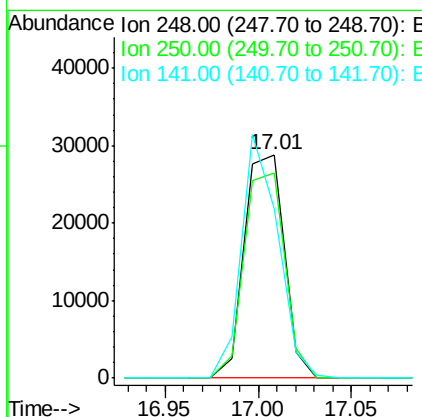
Manual Integrations
 APPROVED

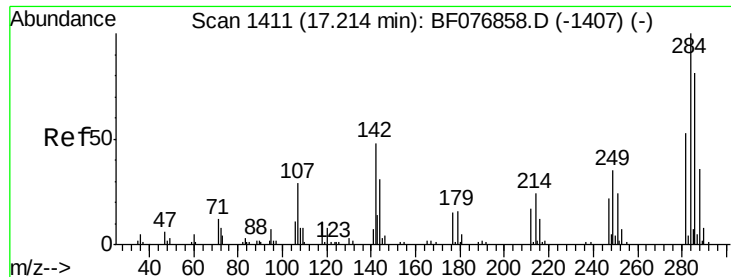
apatel
 1/28/2015 5:40:32 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.75 ng
 RT: 17.01 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	42731		
250	91.7	77.1	115.7	
141	75.6	88.2	132.4	





#67

Hexachlorobenzene

Concen: 38.23 ng

RT: 17.02 min Scan# 1394

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

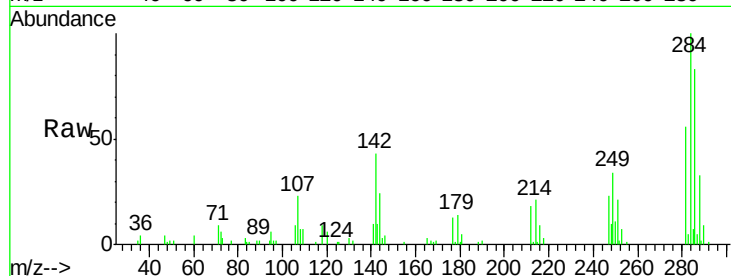
ClientSampleId :

PB81263BS

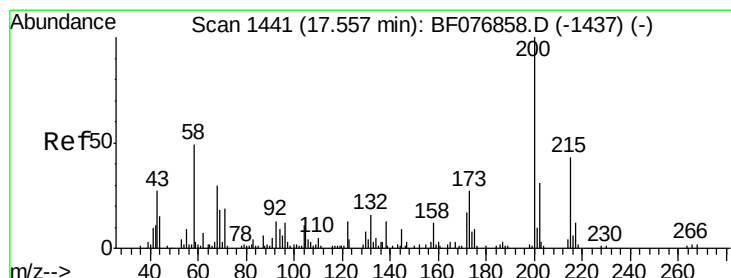
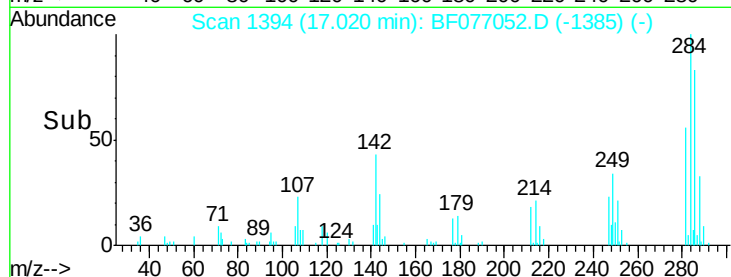
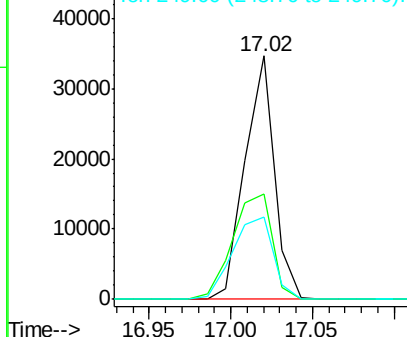
Tgt Ion:	284	Resp:	43305
Ion Ratio	Lower	Upper	
284	100		
142	43.5	38.2	57.4
249	34.1	28.2	42.2

Manual Integrations
APPROVED

apatel
1/28/2015 5:40:32 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.42 ng

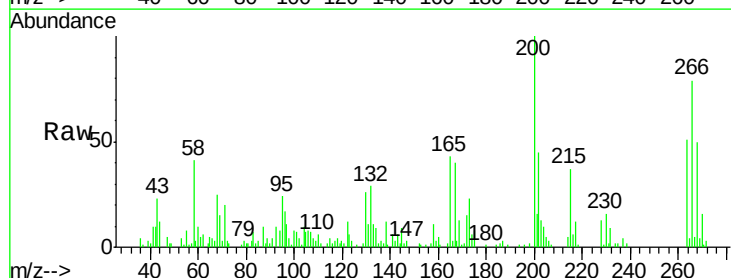
RT: 17.39 min Scan# 1426

Delta R.T. 0.00 min

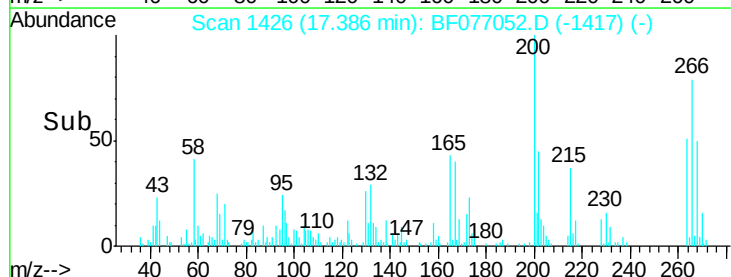
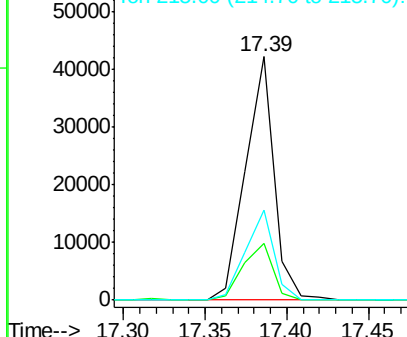
Lab File: BF077052.D

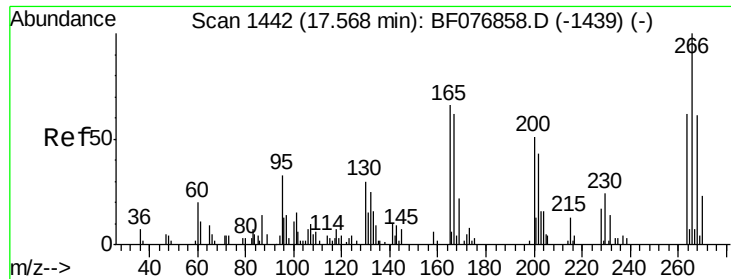
Acq: 26 Jan 2015 14:03

Tgt Ion:	200	Resp:	50996
Ion Ratio	Lower	Upper	
200	100		
173	23.2	6.6	46.6
215	37.0	22.9	62.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





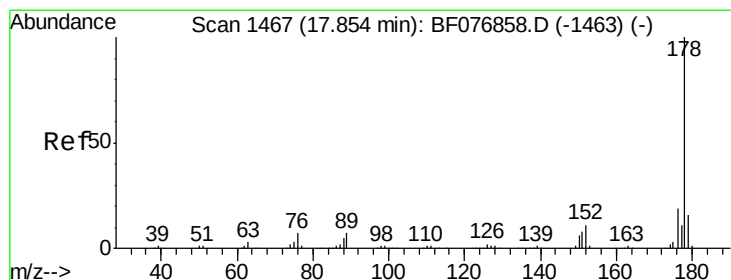
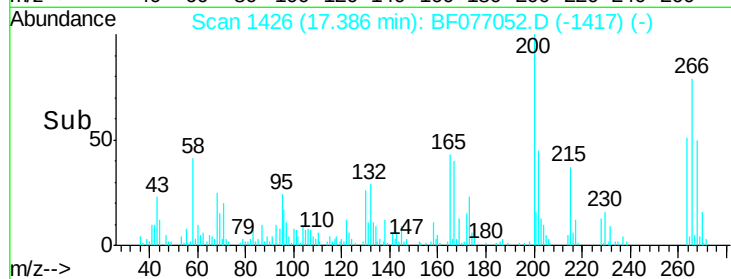
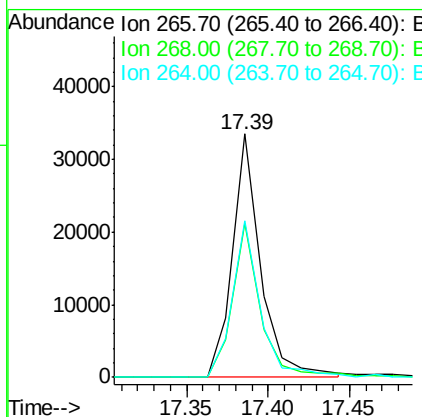
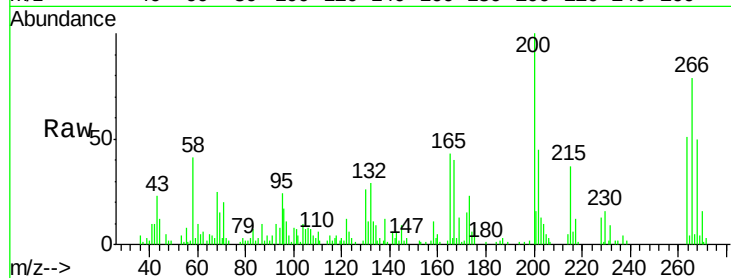
#69
 Pentachlorophenol
 Concen: 77.27 ng
 RT: 17.39 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	40019		
268	63.3	48.6	72.8	
264	64.5	49.5	74.3	

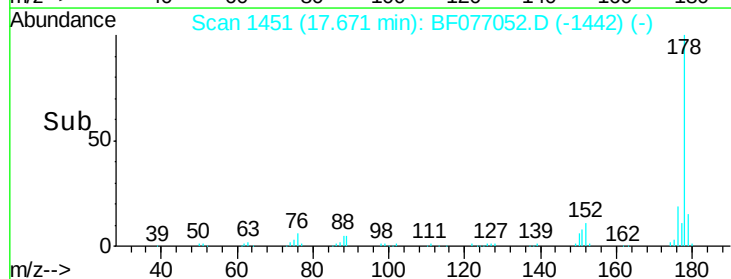
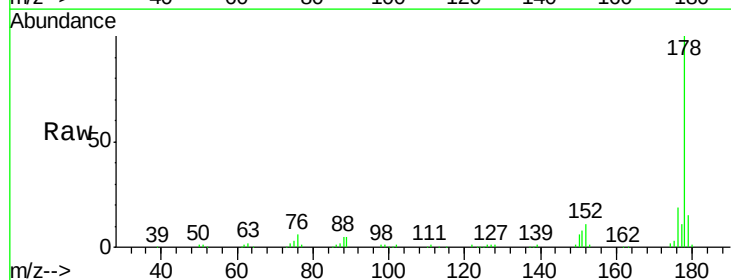
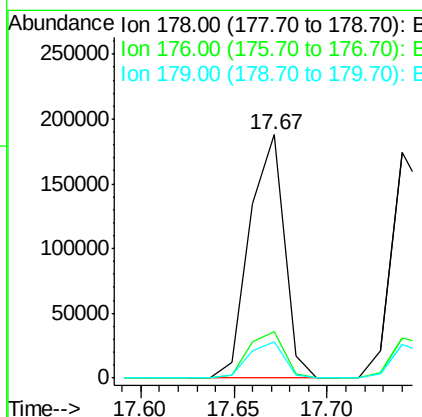
Manual Integrations
 APPROVED

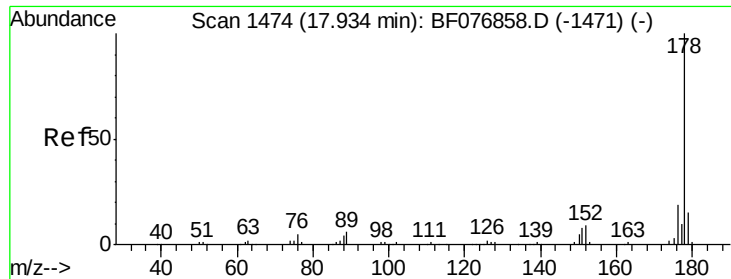
apatel
 1/28/2015 5:40:32 PM



#70
 Phenanthrene
 Concen: 36.59 ng
 RT: 17.67 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	242089		
176	19.0	15.1	22.7	
179	14.6	12.7	19.1	





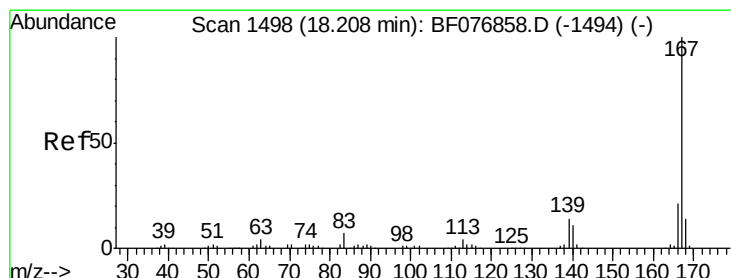
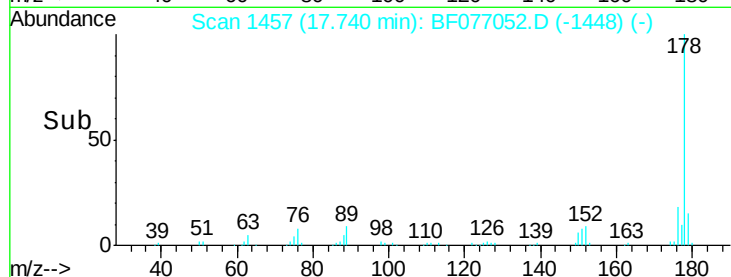
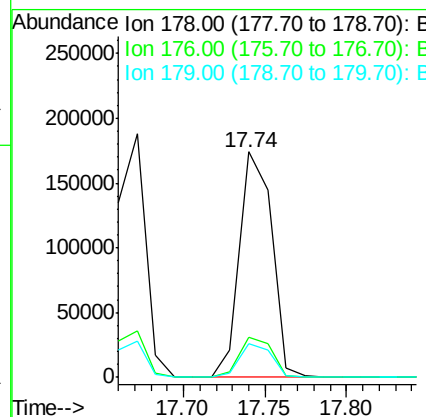
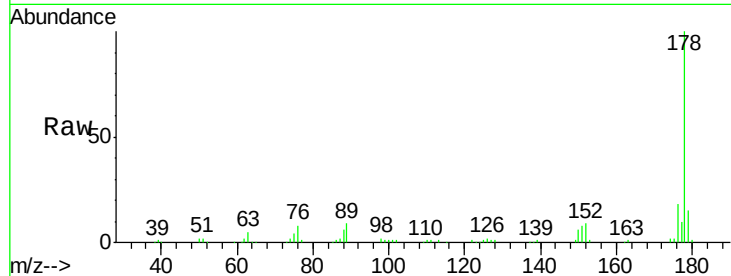
#71
 Anthracene
 Concen: 37.09 ng
 RT: 17.74 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	239312		
176	18.0	15.4	23.0	
179	14.9	11.9	17.9	

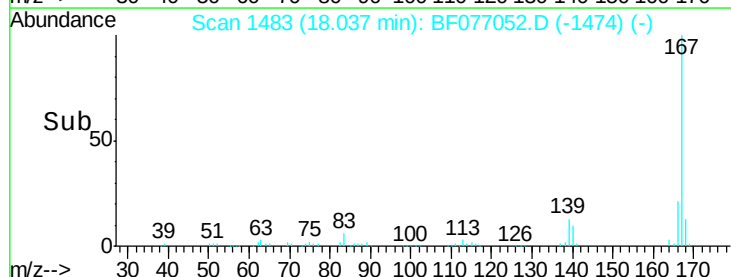
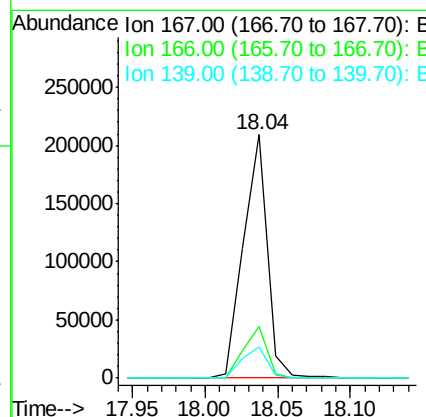
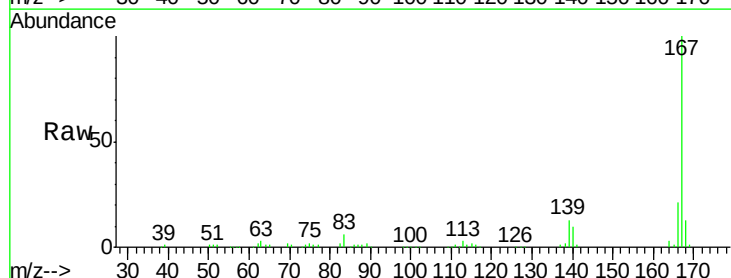
Manual Integrations
 APPROVED

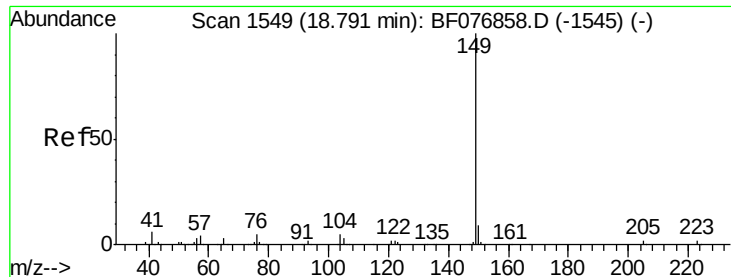
apatel
 1/28/2015 5:40:32 PM



#72
 Carbazole
 Concen: 38.04 ng
 RT: 18.04 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	238090		
166	21.2	17.0	25.6	
139	12.9	11.3	16.9	





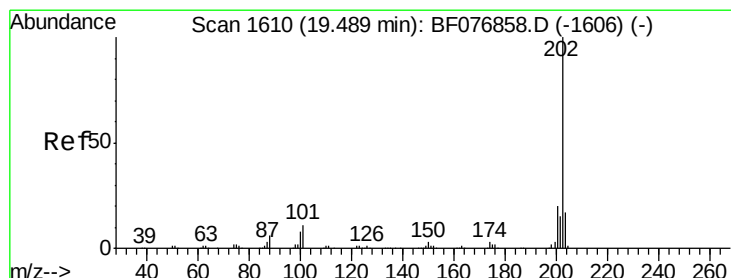
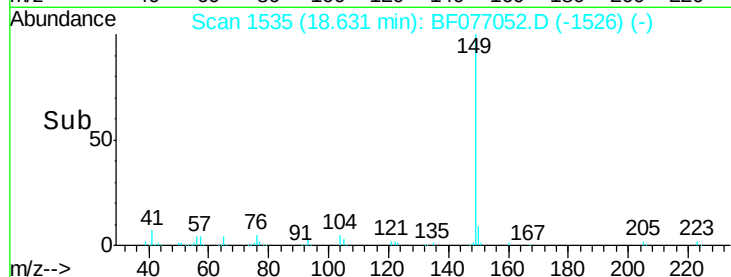
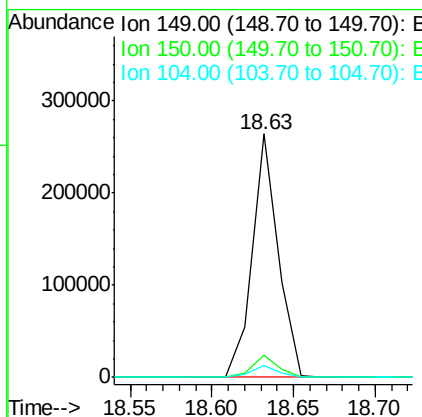
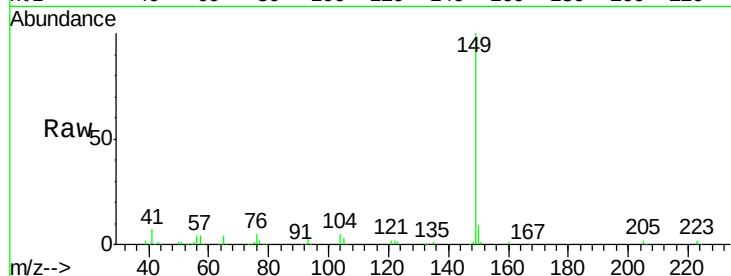
#73
Di-n-butylphthalate
Concen: 40.12 ng
RT: 18.63 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.3	6.9	10.3
104	4.9	3.7	5.5

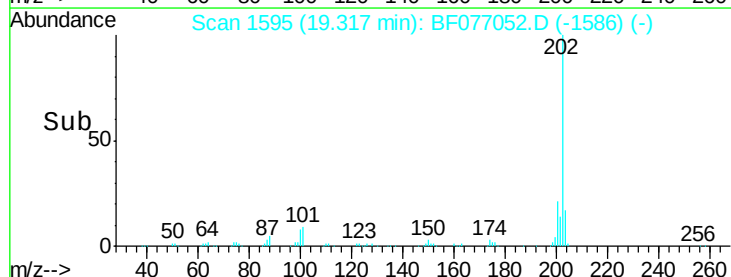
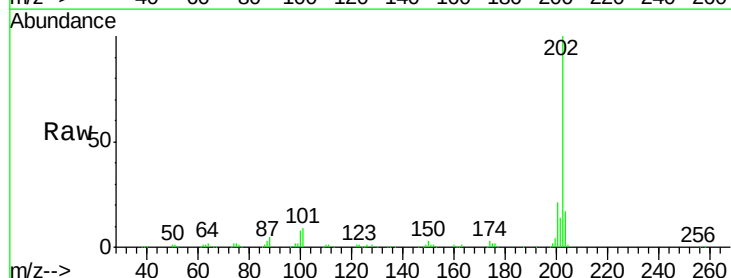
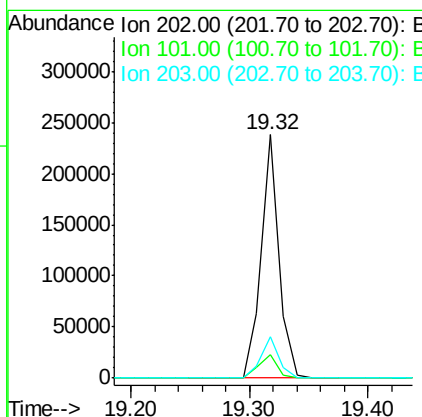
Manual Integrations
APPROVED

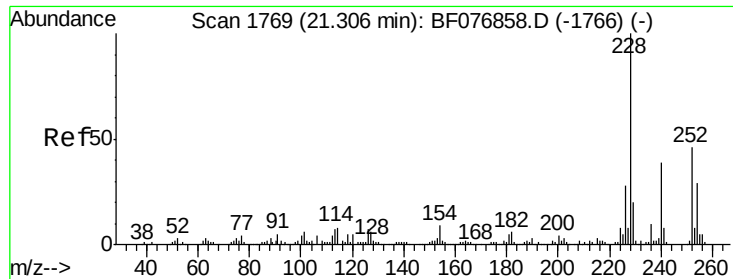
apatel
1/28/2015 5:40:32 PM



#74
Fluoranthene
Concen: 37.15 ng
RT: 19.32 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.4	0.0	30.7
203	17.2	0.0	36.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.15 min Scan# 1755

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

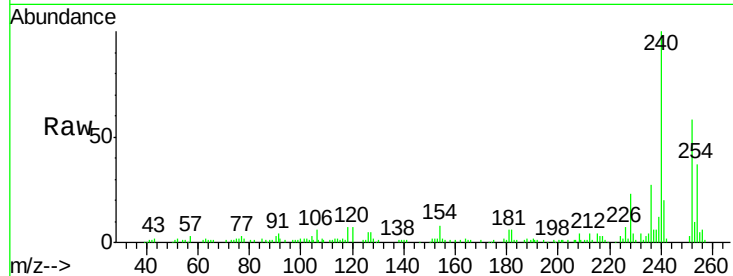
ClientSampleId :

PB81263BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	101853		
120	7.5	10.4	15.6	
236	26.8	20.2	30.2	

Manual Integrations
APPROVED

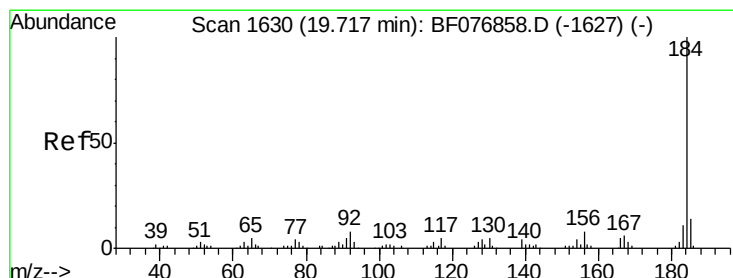
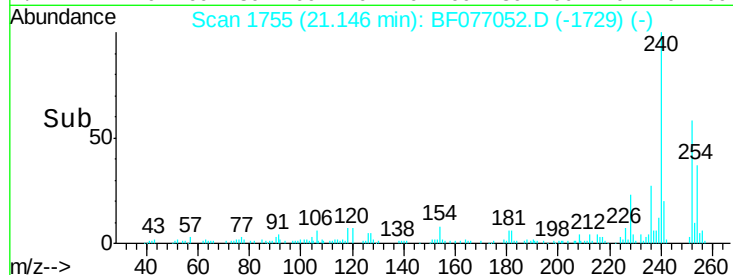
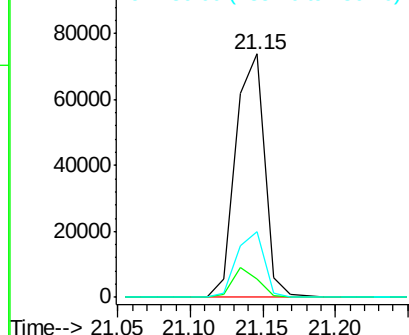
apatel
1/28/2015 5:40:32 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.08 ng

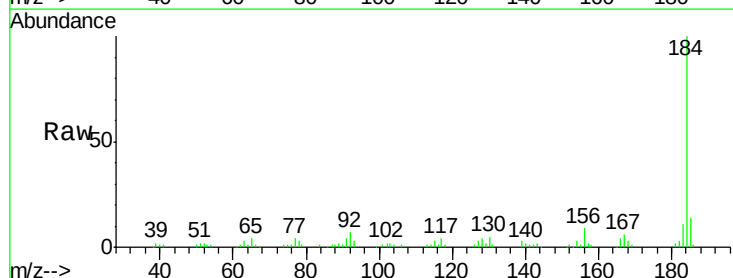
RT: 19.56 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

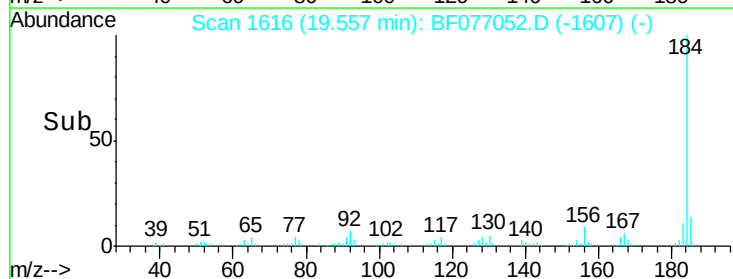
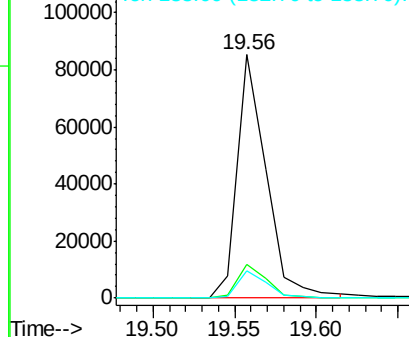
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	104549		
185	13.7	11.4	17.2	
183	11.2	9.0	13.6	

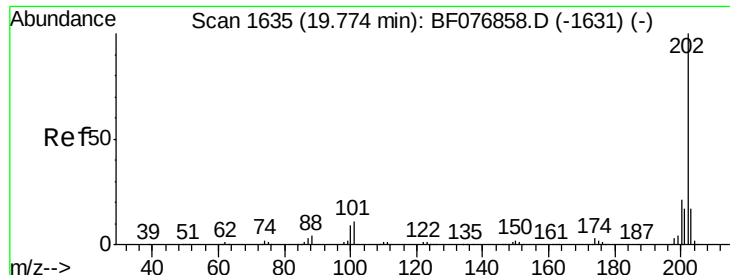


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





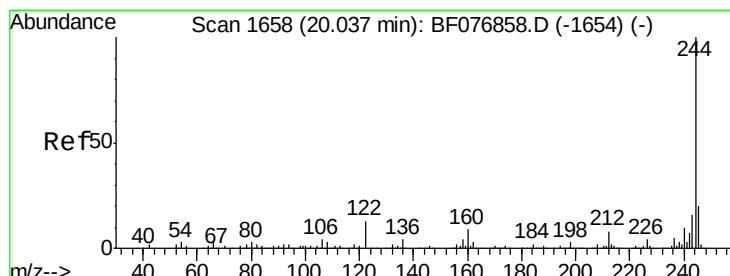
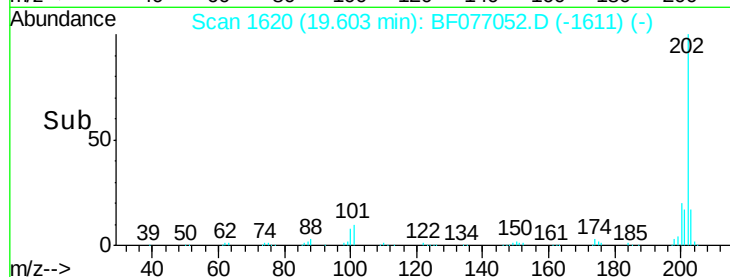
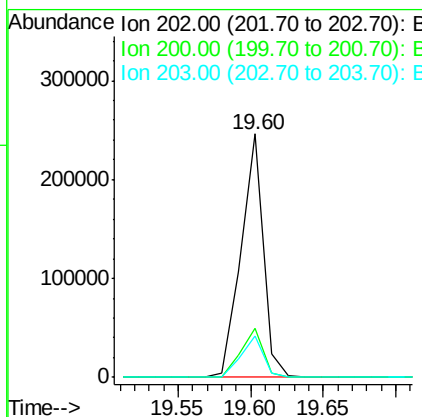
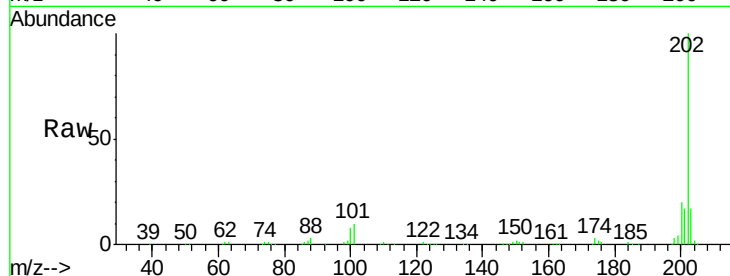
#77
 Pyrene
 Concen: 37.55 ng
 RT: 19.60 min Scan# 1620
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.0	16.7	25.1
203	17.2	14.0	21.0

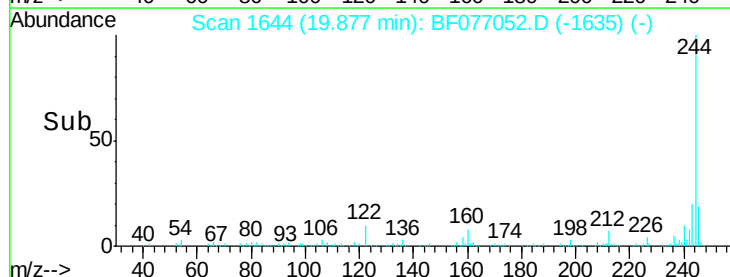
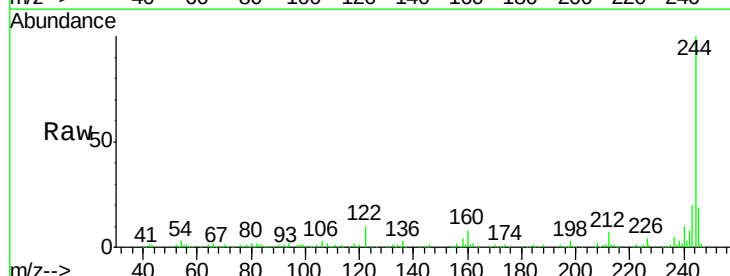
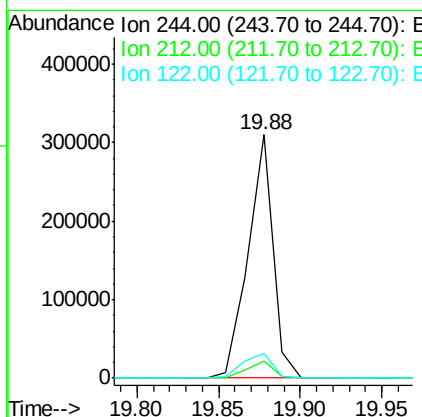
Manual Integrations
 APPROVED

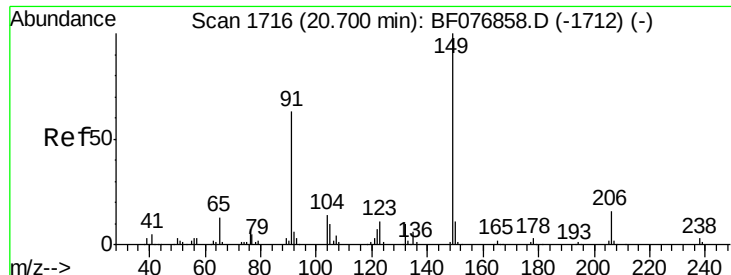
apatel
 1/28/2015 5:40:32 PM



#78
 Terphenyl-d14
 Concen: 74.14 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.1	6.3	9.5
122	10.1	10.1	15.1





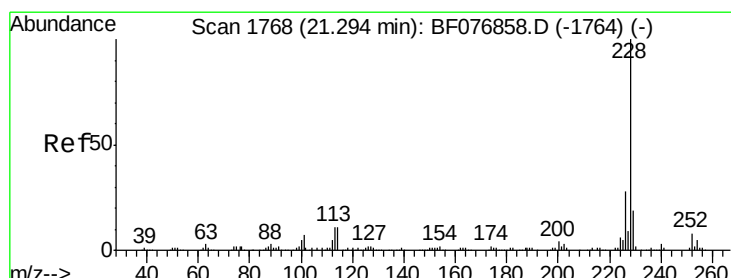
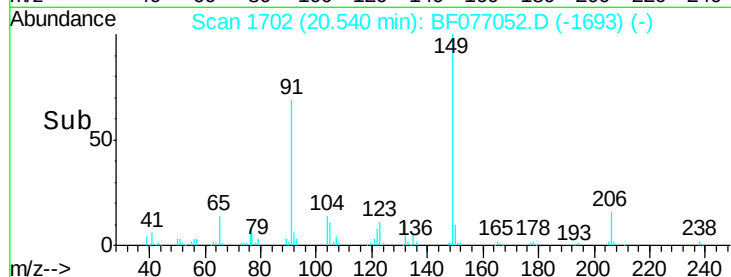
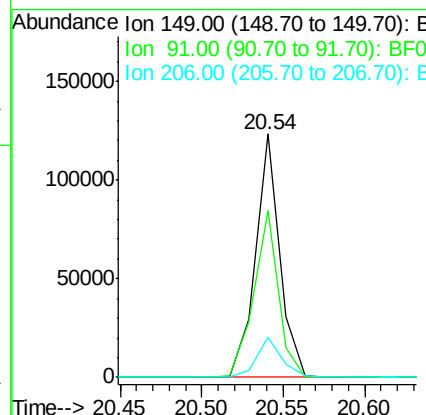
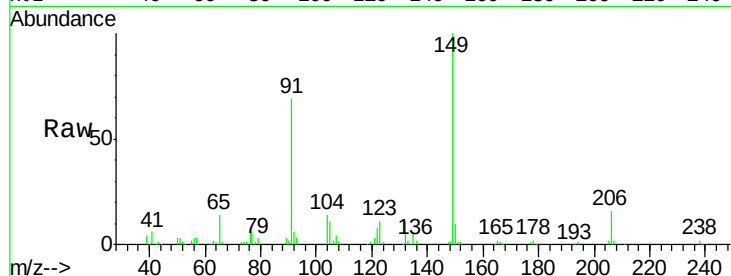
#79
Butylbenzylphthalate
Concen: 40.10 ng
RT: 20.54 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.6	50.6	76.0
206	16.2	12.8	19.2

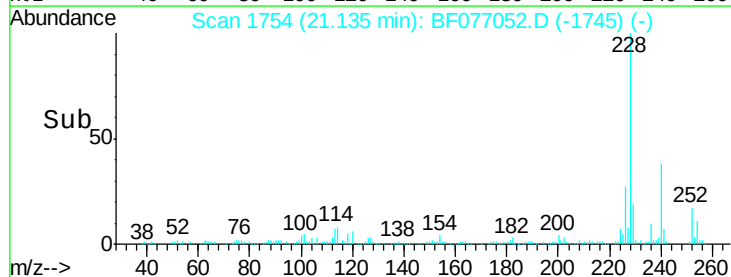
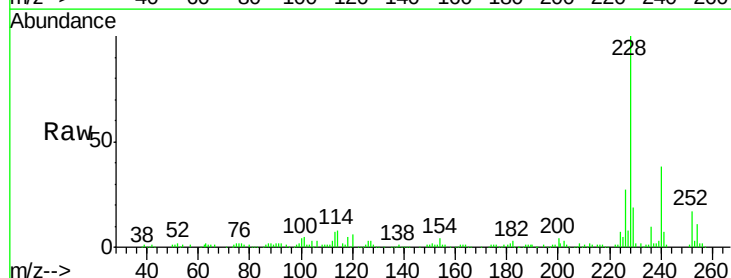
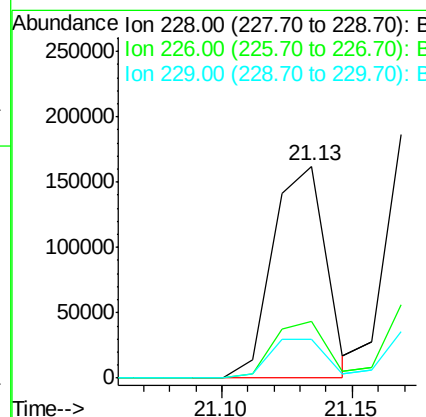
Manual Integrations
APPROVED

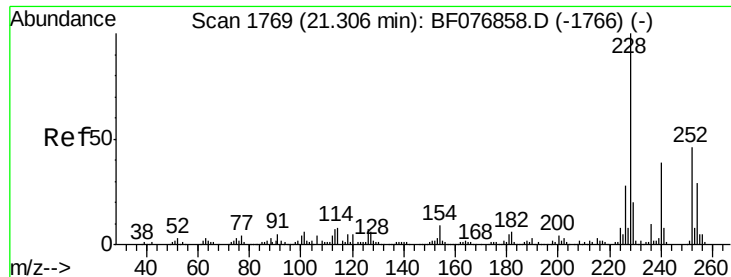
apatel
1/28/2015 5:40:32 PM



#80
Benzo(a)anthracene
Concen: 35.89 ng
RT: 21.13 min Scan# 1754
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.8	22.1	33.1
229	18.5	15.5	23.3





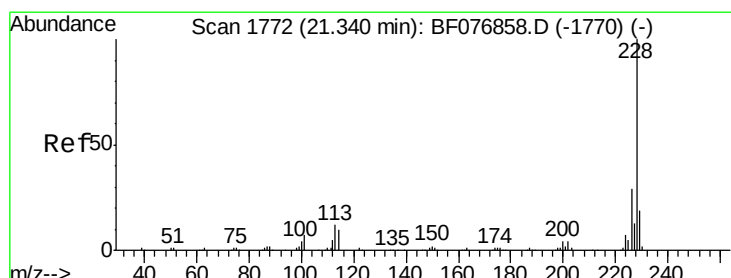
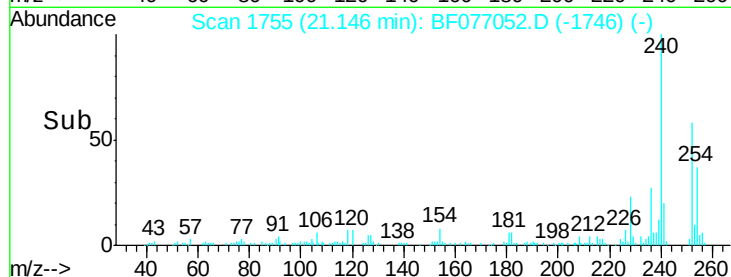
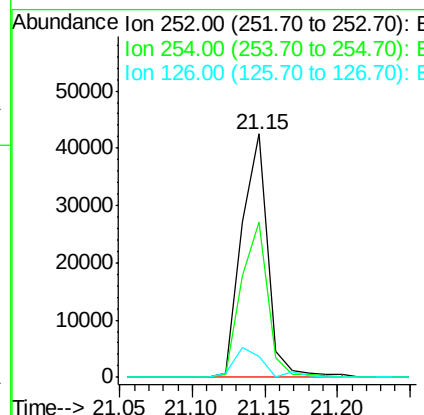
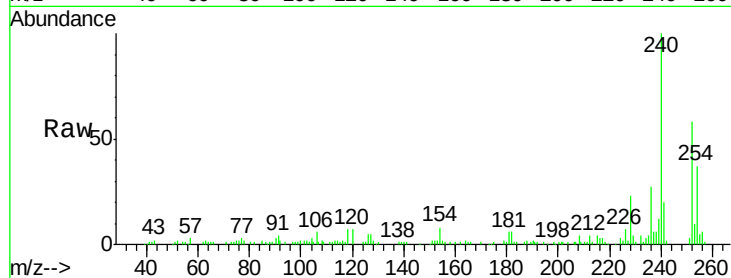
#81
 3,3'-Dichlorobenzidine
 Concen: 26.19 ng
 RT: 21.15 min Scan# 1755
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	53190		
254	63.8	50.2	75.4	
126	8.3	11.5	17.3	

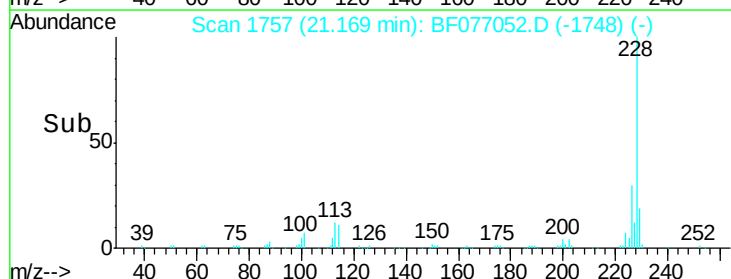
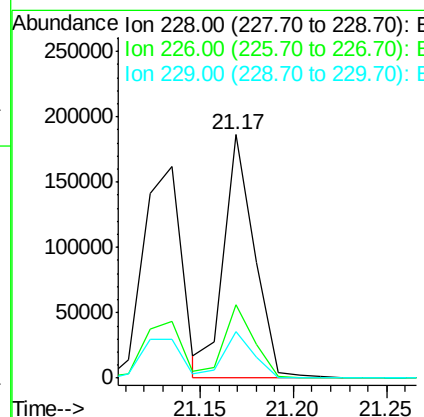
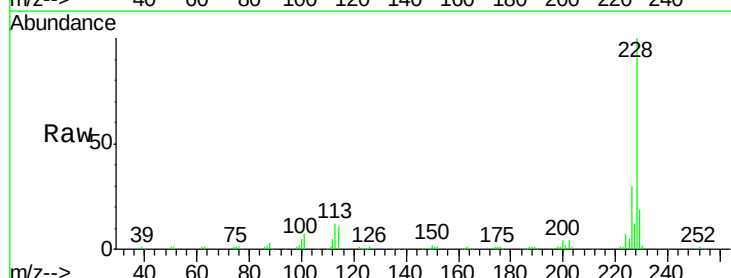
Manual Integrations
 APPROVED

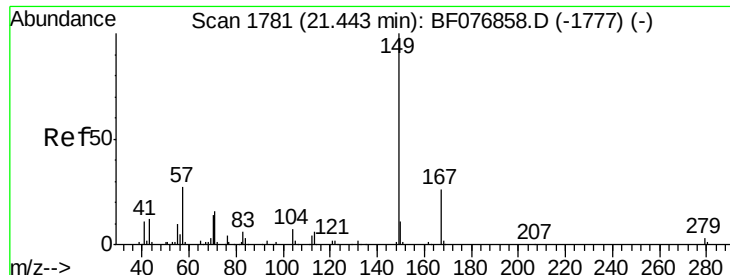
apatel
 1/28/2015 5:40:32 PM



#82
 Chrysene
 Concen: 36.10 ng
 RT: 21.17 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	210376		
226	30.1	23.4	35.0	
229	19.2	15.4	23.0	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.51 ng

RT: 21.28 min Scan# 1767

Delta R.T. 0.00 min

Lab File: BF077052.D

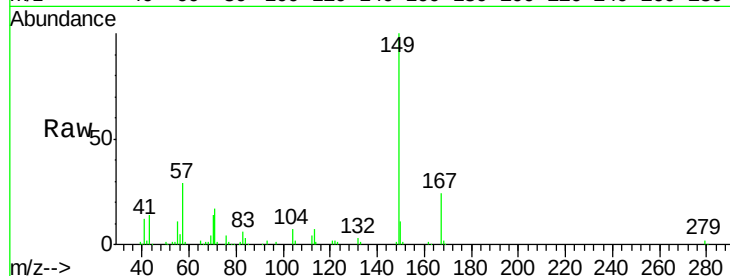
Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

ClientSampleId :

PB81263BS



Tgt Ion:149 Resp: 185939

Ion Ratio Lower Upper

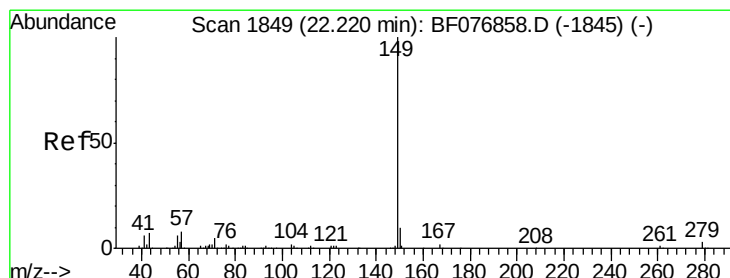
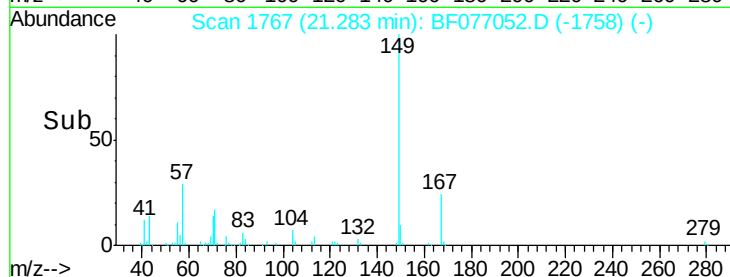
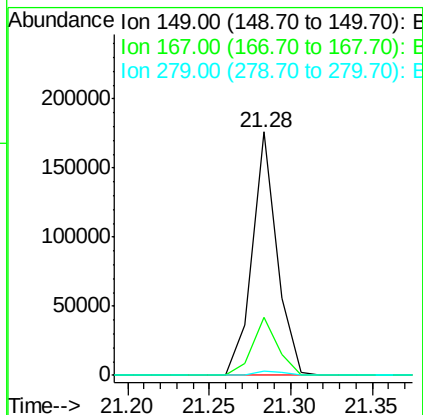
149 100

167 23.8 20.6 30.8

279 2.0 2.2 3.2#

Manual Integrations
APPROVED

apatel
1/28/2015 5:40:32 PM



#84

Di-n-octyl phthalate

Concen: 42.06 ng

RT: 22.05 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

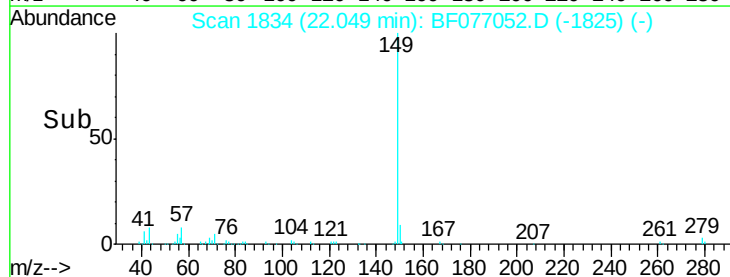
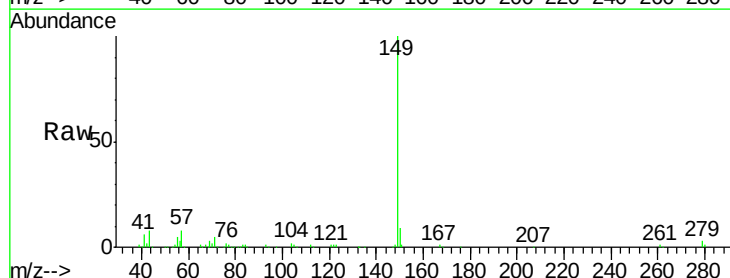
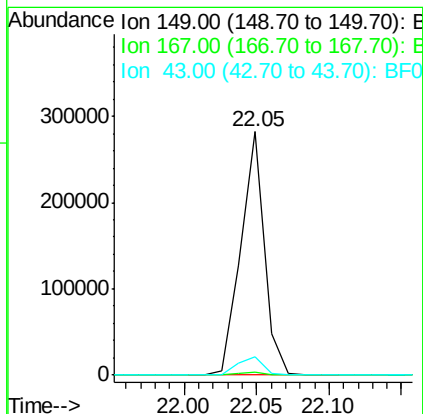
Tgt Ion:149 Resp: 319325

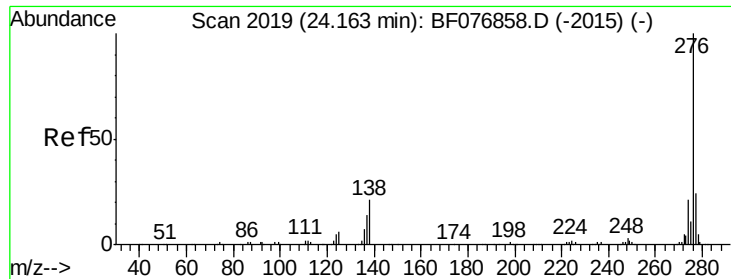
Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 8.4 6.6 10.0





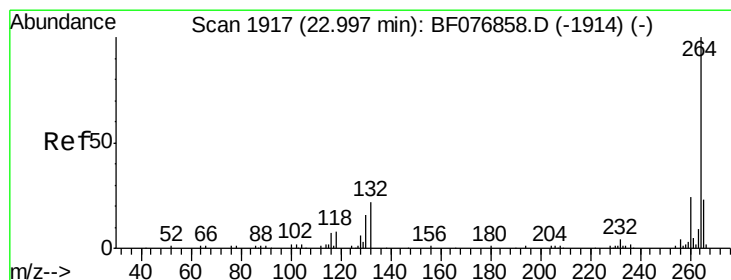
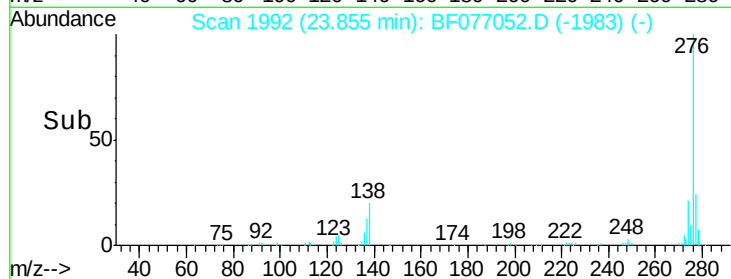
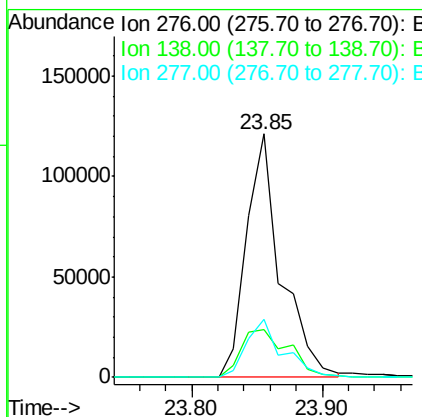
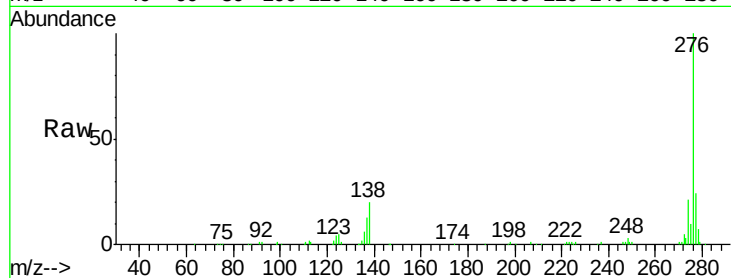
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.35 ng
 RT: 23.85 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	27.3	14.6	22.0#
277	24.8	14.8	22.2#

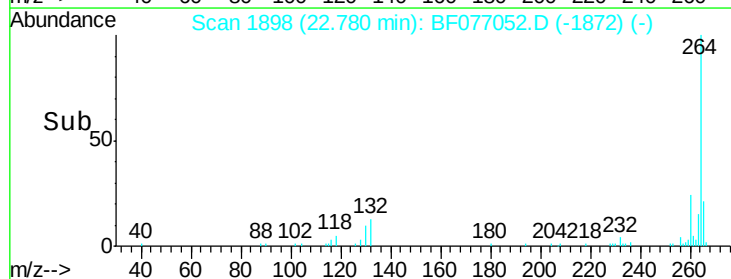
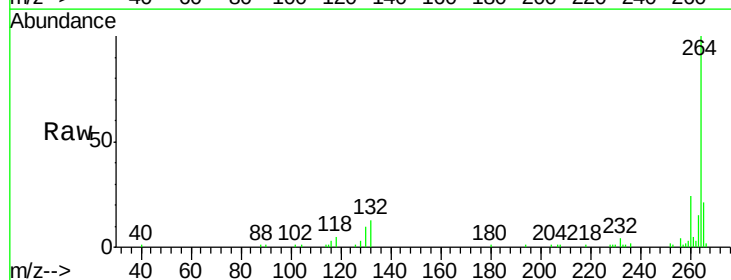
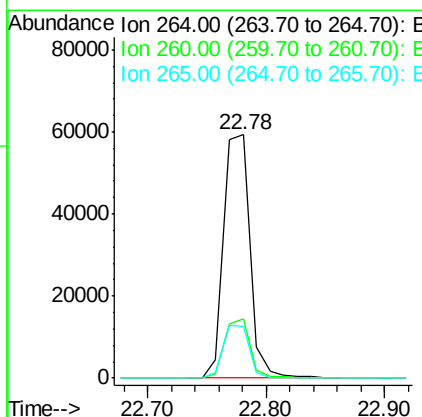
Manual Integrations
 APPROVED

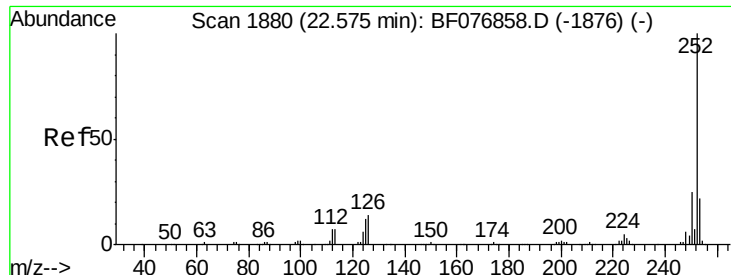
apatel
 1/28/2015 5:40:32 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.78 min Scan# 1898
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.3	19.0	28.4
265	21.0	18.1	27.1





#87

Benzo(b)fluoranthene

Concen: 40.37 ng

RT: 22.37 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Instrument :

BNA_F

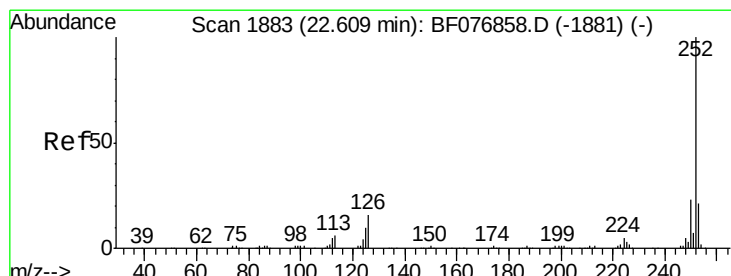
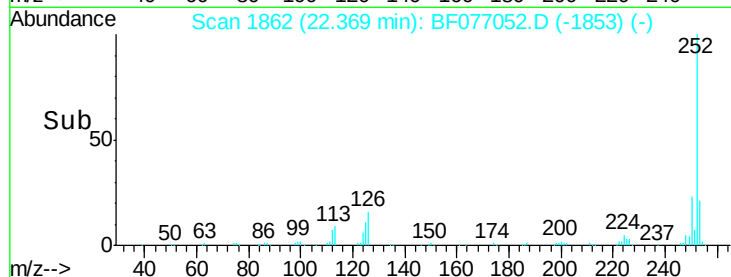
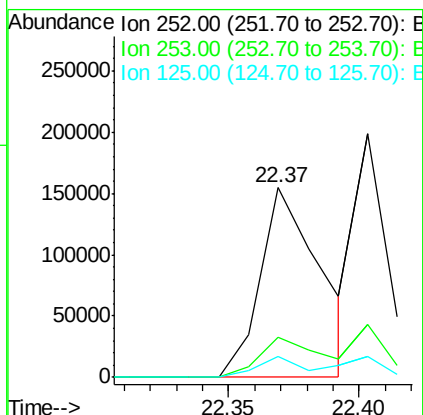
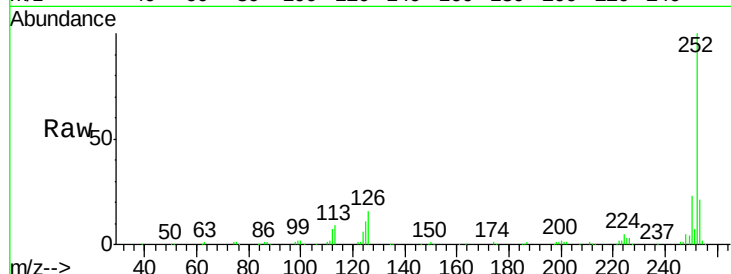
ClientSampleId :

PB81263BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	11.2	9.4	14.0

Manual Integrations
APPROVED

apatel
1/28/2015 5:40:32 PM



#88

Benzo(k)fluoranthene

Concen: 33.06 ng m

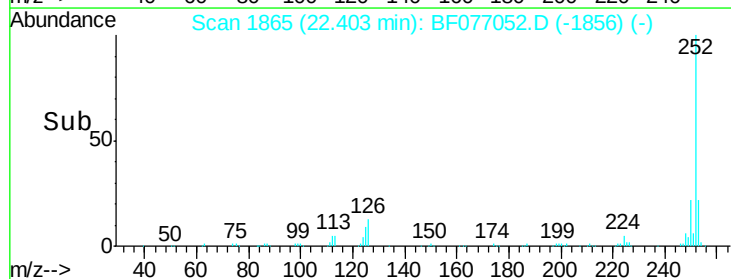
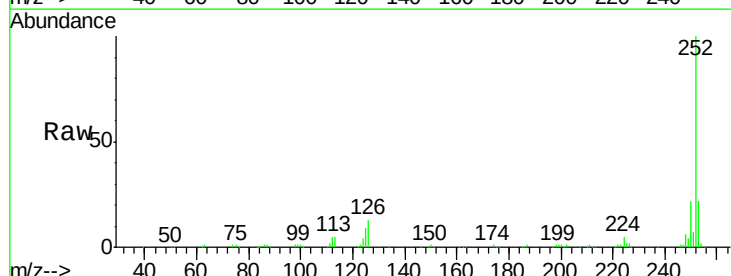
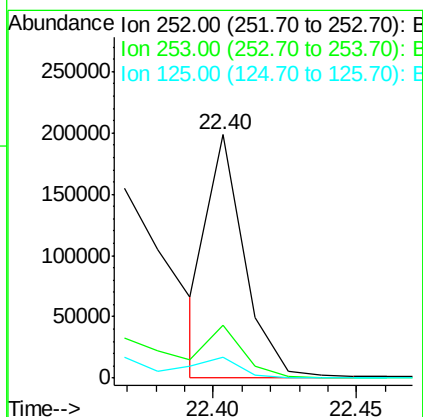
RT: 22.40 min Scan# 1865

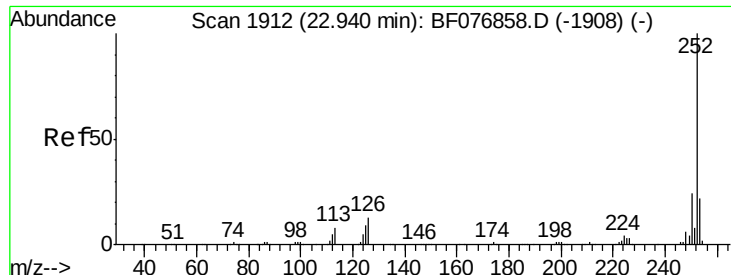
Delta R.T. 0.00 min

Lab File: BF077052.D

Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	8.5	7.1	10.7





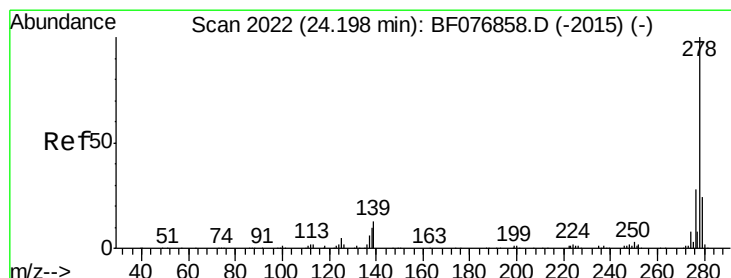
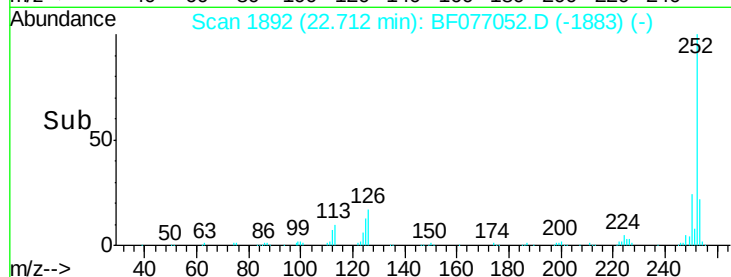
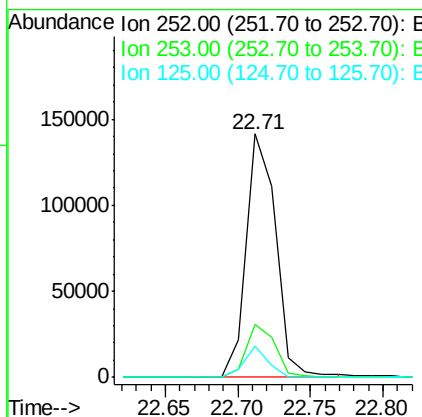
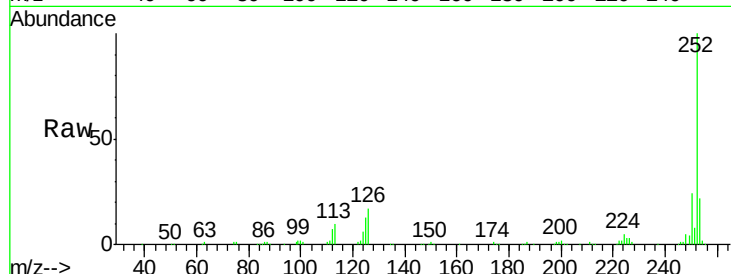
#89
Benzo(a)pyrene
Concen: 37.18 ng
RT: 22.71 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Instrument :
BNA_F
ClientSampleId :
PB81263BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.9	17.9	26.9
125	13.0	7.2	10.8

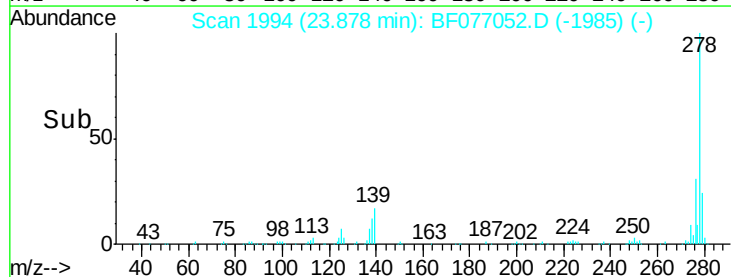
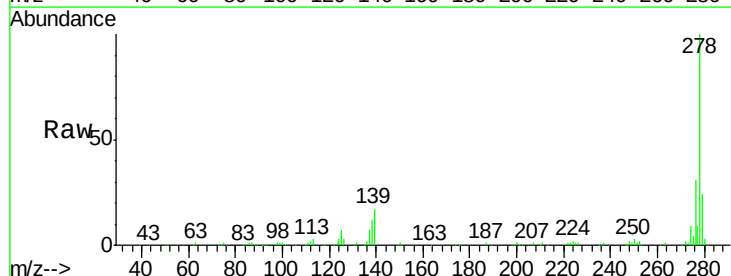
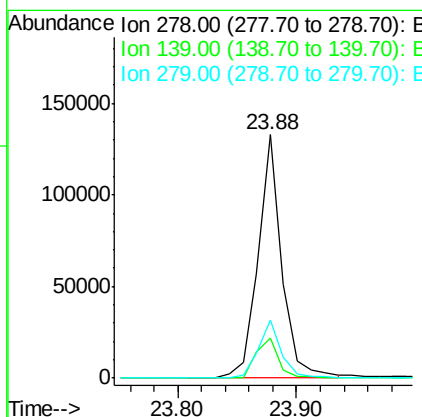
Manual Integrations
APPROVED

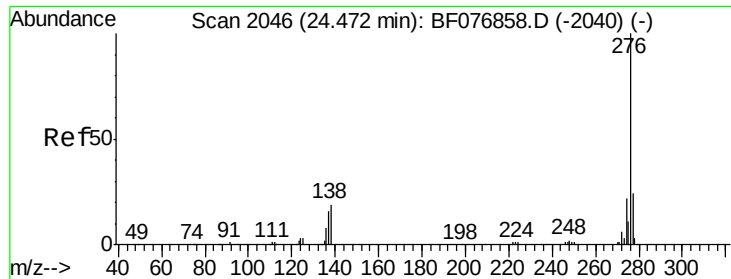
apatel
1/28/2015 5:40:32 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.49 ng
RT: 23.88 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF077052.D
Acq: 26 Jan 2015 14:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	16.5	10.5	15.7
279	23.7	19.3	28.9





#91
 Benzo(g,h,i)perylene
 Concen: 39.23 ng
 RT: 24.13 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF077052.D
 Acq: 26 Jan 2015 14:03

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BS

Tgt Ion:	276	Resp:	193636
Ion Ratio		Lower	Upper
276	100		
277	21.9	19.5	29.3
138	22.2	15.0	22.6

Manual Integrations
 APPROVED

apatel
 1/28/2015 5:40:32 PM

