

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078173.D
 Acq On : 2 Apr 2015 1:18
 Operator : TP/IZ
 Sample : PB82482BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:29 PM

Quant Time: Apr 02 13:57:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	36109	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	146891	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	75407	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	143800	20.00	ng	0.00
75) Chrysene-d12	15.86	240	146214	20.00	ng	-0.01
86) Perylene-d12	17.54	264	140428	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	281134	128.37	ng	0.00
7) Phenol-d6	6.60	99	340371	124.01	ng	0.00
23) Nitrobenzene-d5	7.71	82	195464	80.66	ng	0.00
41) 2,4,6-Tribromophenol	11.74	330	86924	138.99	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	437098	82.86	ng	0.00
78) Terphenyl-d14	14.59	244	526101	81.31	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.88	88	31224	31.53	ng	94
3) Pyridine	2.52	79	101378	39.08	ng	99
4) n-Nitrosodimethylamine	2.45	42	42544m	42.61	ng	
6) Aniline	6.60	93	64036	16.45	ng	# 73
8) 2-Chlorophenol	6.75	128	112363	43.39	ng	99
10) Phenol	6.62	94	135870	41.31	ng	99
11) bis(2-Chloroethyl)ether	6.72	93	106414	45.00	ng	98
12) 1,3-Dichlorobenzene	6.93	146	114669	40.31	ng	98
13) 1,4-Dichlorobenzene	7.04	146	119668	41.79	ng	98
14) 1,2-Dichlorobenzene	7.22	146	112585	41.94	ng	99
15) Benzyl Alcohol	7.21	79	83621	43.36	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.39	45	137418	43.56	ng	100
17) 2-Methylphenol	7.37	107	89454	44.49	ng	98
18) Hexachloroethane	7.64	117	40581	42.03	ng	97
19) n-Nitroso-di-n-propylamine	7.55	70	75246	41.55	ng	99
20) 3+4-Methylphenols	7.56	107	117361	43.76	ng	98
22) Acetophenone	7.53	105	153539	44.86	ng	# 88
24) Nitrobenzene	7.73	77	106523	42.05	ng	# 77
25) Isophorone	8.04	82	202430	44.01	ng	100
26) 2-Nitrophenol	8.13	139	54877	45.46	ng	95
27) 2,4-Dimethylphenol	8.21	122	102441	45.63	ng	98
28) bis(2-Chloroethoxy)methane	8.33	93	132826	45.04	ng	99
29) 2,4-Dichlorophenol	8.44	162	92865	45.47	ng	99
30) 1,2,4-Trichlorobenzene	8.53	180	98014	41.86	ng	99
31) Naphthalene	8.62	128	322431	42.17	ng	99
32) Benzoic acid	8.34	122	41239	40.14	ng	93
33) 4-Chloroaniline	8.70	127	57932	18.26	ng	99
34) Hexachlorobutadiene	8.78	225	56346	43.82	ng	99
35) Caprolactam	9.13	113	27556	45.20	ng	99
36) 4-Chloro-3-methylphenol	9.32	107	93253	45.25	ng	98
37) 2-Methylnaphthalene	9.48	142	230084	44.33	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	98454	42.14	ng	99
40) Hexachlorocyclopentadiene	9.68	237	93037	91.43	ng	98
42) 2,4,6-Trichlorophenol	9.84	196	64135	43.52	ng	99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078173.D
 Acq On : 2 Apr 2015 1:18
 Operator : TP/IZ
 Sample : PB82482BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB82482BSD

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:29 PM

Quant Time: Apr 02 13:57:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.89	196	69400	45.08	nq	# 85
45) 1,1'-Biphenyl	10.06	154	269062	43.62	nq	100
46) 2-Chloronaphthalene	10.08	162	208956	43.06	nq	99
47) 2-Nitroaniline	10.21	65	54632	45.50	nq	97
48) Acenaphthylene	10.59	152	333852	42.60	nq	100
49) Dimethylphthalate	10.45	163	247199	43.63	nq	100
50) 2,6-Dinitrotoluene	10.53	165	54506	46.76	nq	91
51) Acenaphthene	10.80	154	192478	43.62	nq	100
52) 3-Nitroaniline	10.73	138	35096	26.48	nq	100
53) 2,4-Dinitrophenol	10.86	184	39675	84.93	nq	100
54) Dibenzofuran	11.01	168	298188	44.25	nq	99
55) 4-Nitrophenol	10.97	139	83541	85.41	nq	89
56) 2,4-Dinitrotoluene	11.02	165	72302	47.90	nq	93
57) Fluorene	11.44	166	243721	44.62	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	53859	47.19	nq	99
59) Diethylphthalate	11.33	149	244186	44.70	nq	100
60) 4-Chlorophenyl-phenylether	11.46	204	115459	45.95	nq	99
61) 4-Nitroaniline	11.48	138	54381	40.59	nq	97
62) Azobenzene	11.64	77	230168	46.17	nq	98
64) 4,6-Dinitro-2-methylphenol	11.53	198	28127	40.94	nq	# 51
65) n-Nitrosodiphenylamine	11.61	169	213970	43.02	nq	99
66) 4-Bromophenyl-phenylether	12.05	248	68497	44.98	nq	96
67) Hexachlorobenzene	12.11	284	73028	43.76	nq	99
68) Atrazine	12.28	200	66770	46.35	nq	97
69) Pentachlorophenol	12.36	266	61508	82.81	nq	97
70) Phenanthrene	12.63	178	372783	44.82	nq	99
71) Anthracene	12.68	178	357140	43.57	nq	99
72) Carbazole	12.90	167	344629	44.86	nq	99
73) Di-n-butylphthalate	13.36	149	389261	44.73	nq	100
74) Fluoranthene	14.09	202	376147	42.88	nq	97
76) Benzidine	14.28	184	138856	24.66	nq	99
77) Pyrene	14.37	202	405408	44.17	nq	99
79) Butylbenzylphthalate	15.21	149	167929	48.00	nq	96
80) Benzo(a)anthracene	15.85	228	376536	43.28	nq	98
81) 3,3'-Dichlorobenzidine	15.84	252	50890	17.47	nq	# 95
82) Chrysene	15.89	228	350442	42.87	nq	100
83) Bis(2-ethylhexyl)phthalate	15.93	149	255768	46.61	nq	# 96
84) Di-n-octyl phthalate	16.71	149	432614	48.02	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.84	276	398233	42.94	nq	# 86
87) Benzo(b)fluoranthene	17.12	252	375358	43.25	nq	99
88) Benzo(k)fluoranthene	17.14	252	346887m	44.98	nq	
89) Benzo(a)pyrene	17.47	252	351984	46.47	nq	# 94
90) Dibenzo(a,h)anthracene	18.87	278	325882	42.97	nq	99
91) Benzo(g,h,i)perylene	19.22	276	333061	43.81	nq	99

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

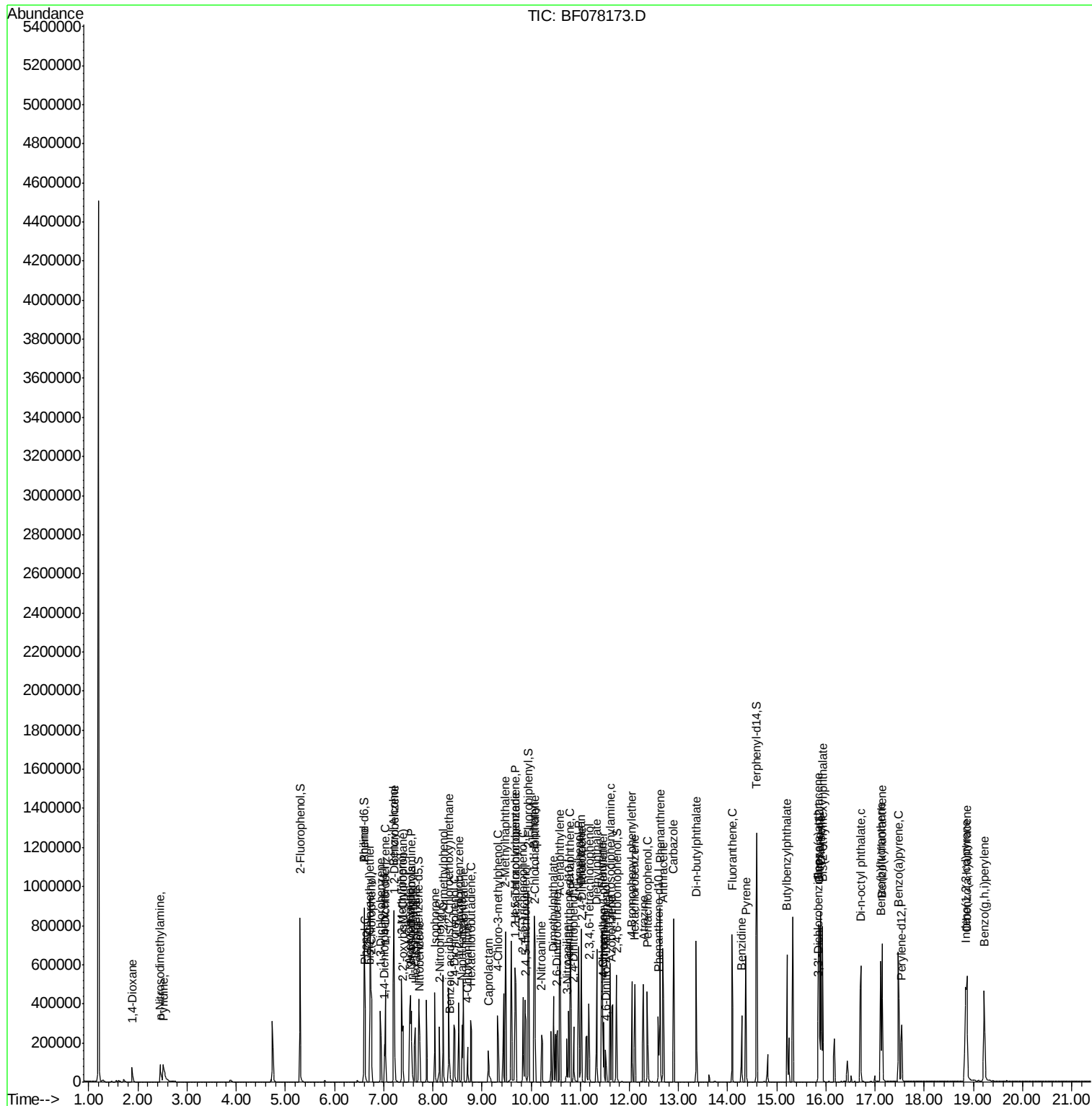
```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\  
Data File : BF078173.D  
Acq On    : 2 Apr 2015    1:18  
Operator  : TP/IZ  
Sample    : PB82482BSD  
Misc      :  
ALS Vial  : 20    Sample Multiplier: 1
```

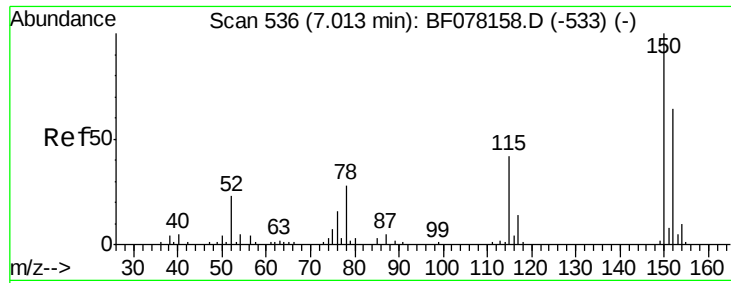
Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Manual Integrations APPROVED

apatel
4/2/2015 5:51:29 PM

Quant Time: Apr 02 13:57:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration





#1

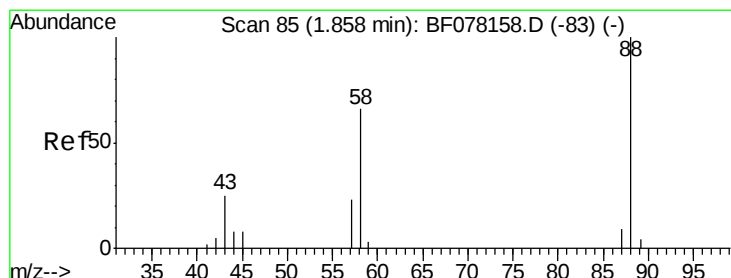
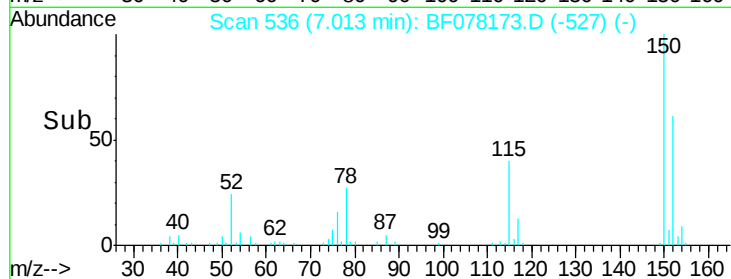
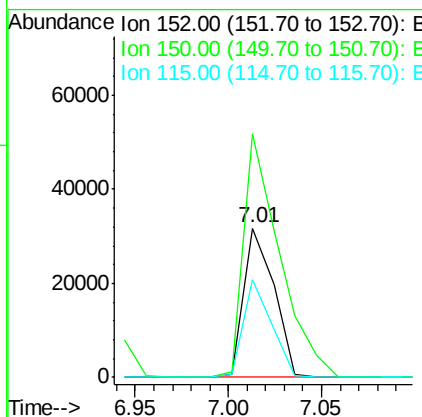
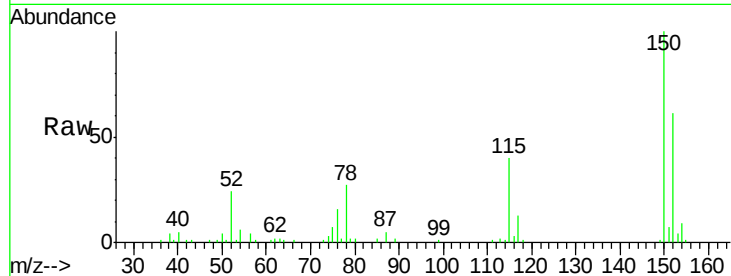
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	125.9	188.9
115	65.7	52.7	79.1

Manual Integrations
APPROVED

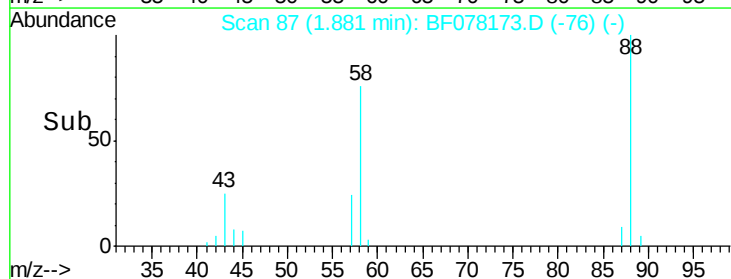
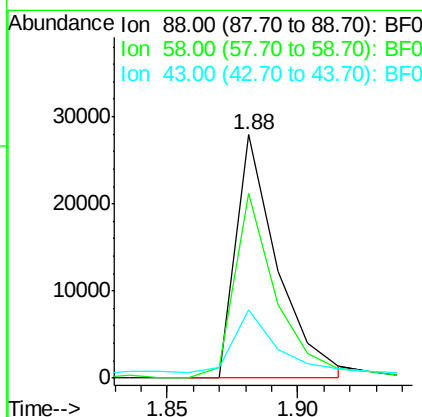
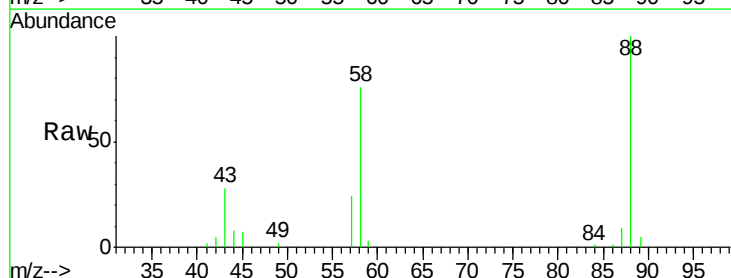
apatel
4/2/2015 5:51:29 PM

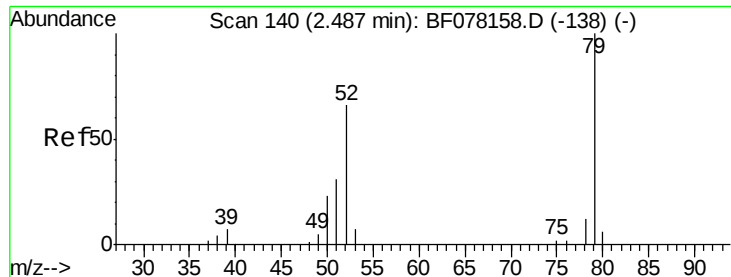


#2

1,4-Dioxane
Concen: 31.53 ng
RT: 1.88 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.1	56.9	85.3
43	26.2	21.4	32.2





#3

Pvridine

Concen: 39.08 ng

RT: 2.52 min Scan# 143

Delta R.T. 0.03 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

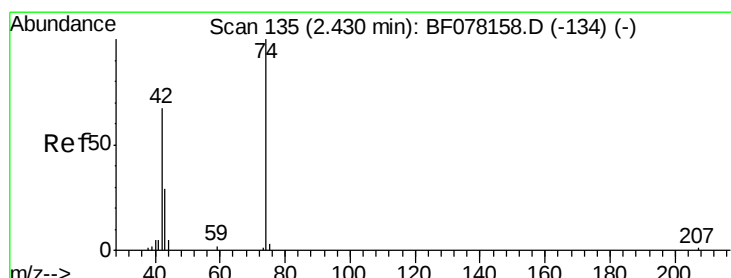
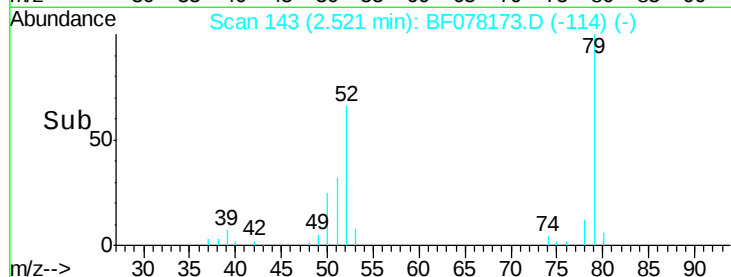
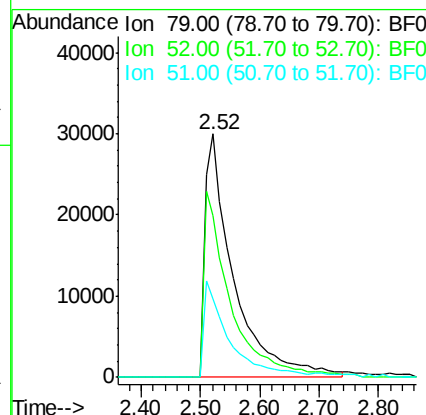
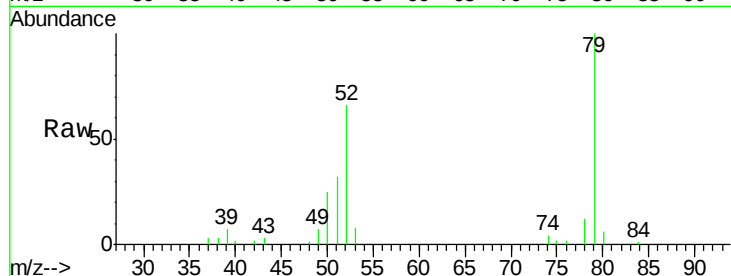
ClientSampleId :

PB82482BSD

Tot Ion:	79	Resp:	101378
Ion Ratio	Lower	Upper	
79	100		
52	66.4	52.4	78.6
51	32.2	24.9	37.3

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM



#4

n-Nitrosodimethylamine

Concen: 42.61 ng m

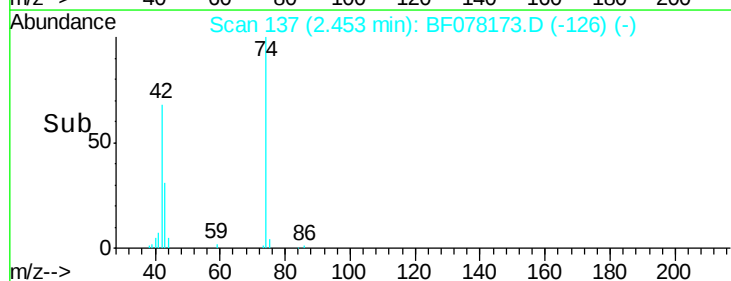
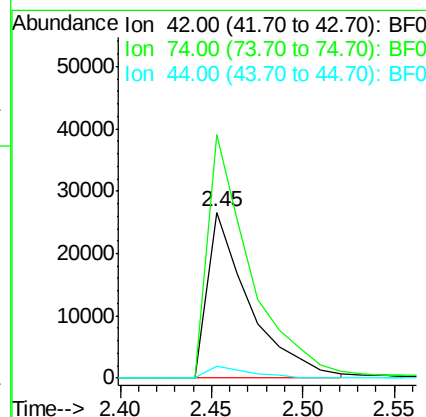
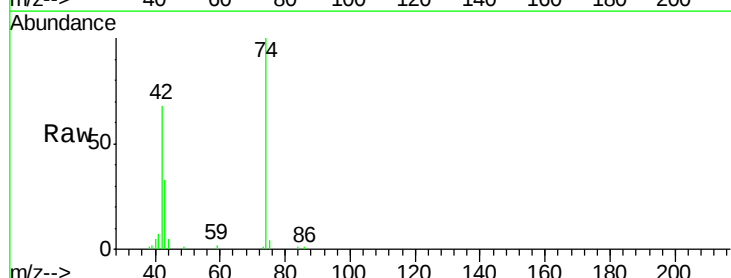
RT: 2.45 min Scan# 137

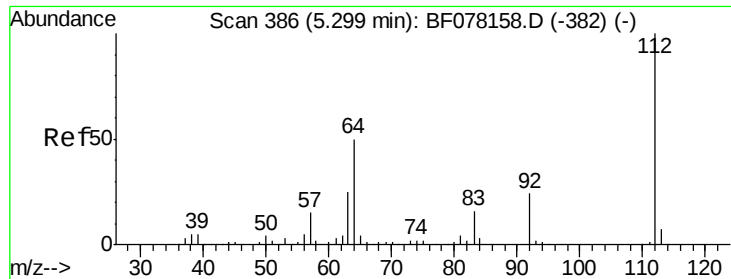
Delta R.T. 0.02 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Tgt Ion:	42	Resp:	42544
Ion Ratio	Lower	Upper	
42	100		
74	147.0	118.7	178.1
44	7.2	5.9	8.9





#5

2-Fluorophenol

Concen: 128.37 ng

RT: 5.30 min Scan# 386

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

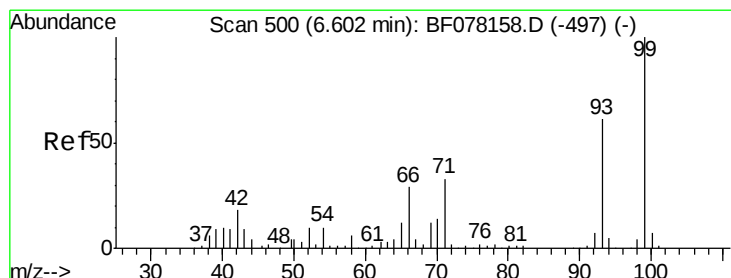
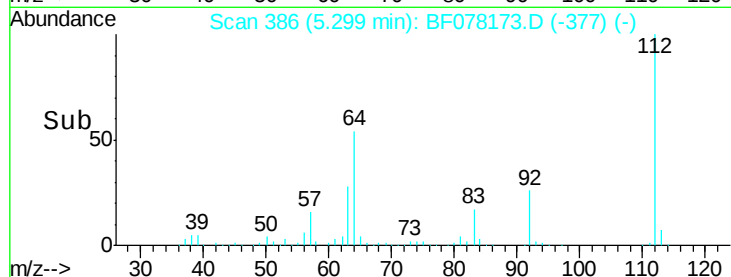
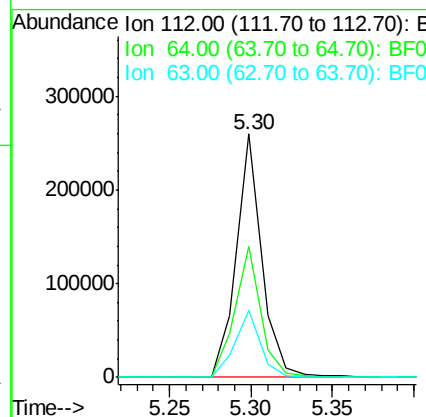
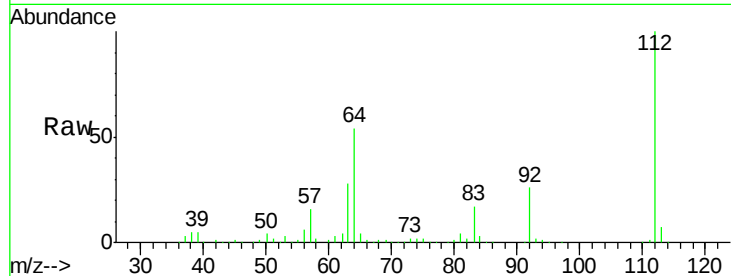
ClientSampleId :

PB82482BSD

Tot Ion:	112	Resp:	281134
Ion Ratio	Lower	Upper	
112	100		
64	53.9	39.9	59.9
63	27.6	20.2	30.4

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM



#6

Aniline

Concen: 16.45 ng

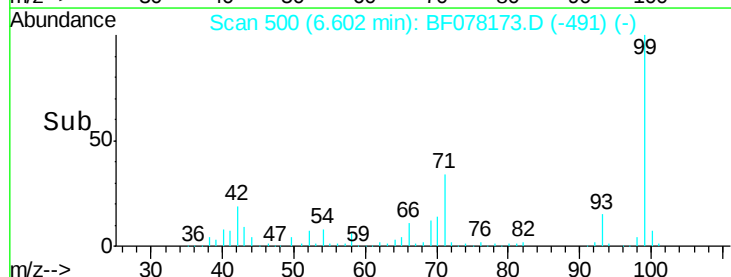
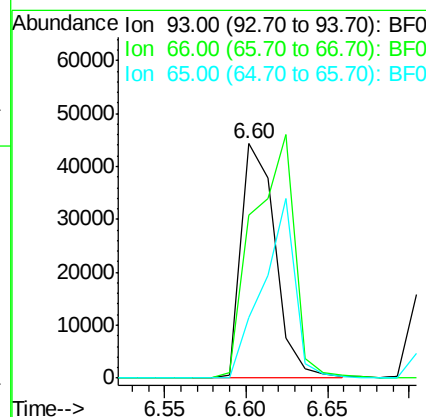
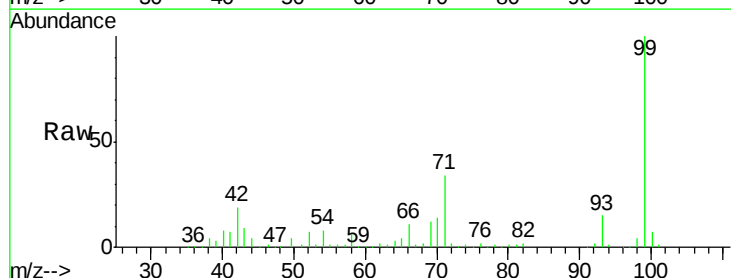
RT: 6.60 min Scan# 500

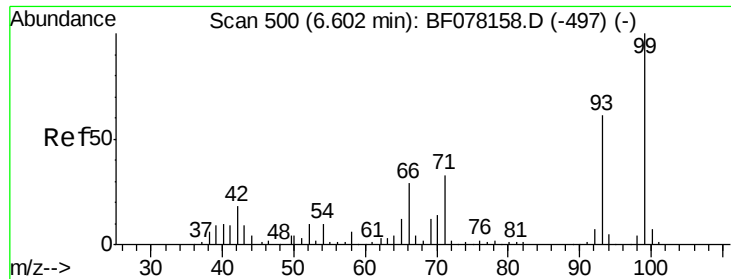
Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Tgt Ion:	93	Resp:	64036
Ion Ratio	Lower	Upper	
93	100		
66	69.5	38.0	57.0#
65	26.0	16.3	24.5#





#7

Phenol-d6

Concen: 124.01 ng

RT: 6.60 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

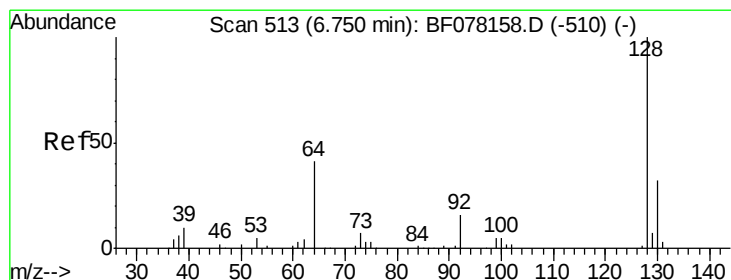
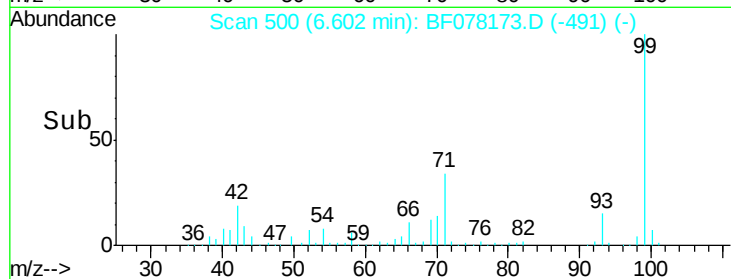
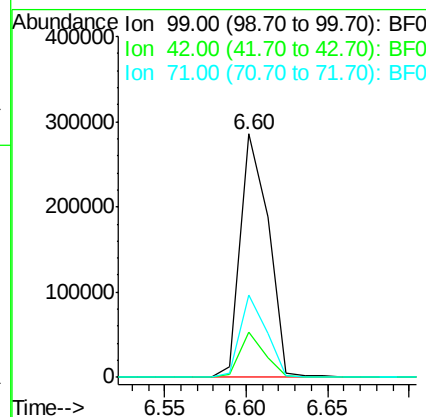
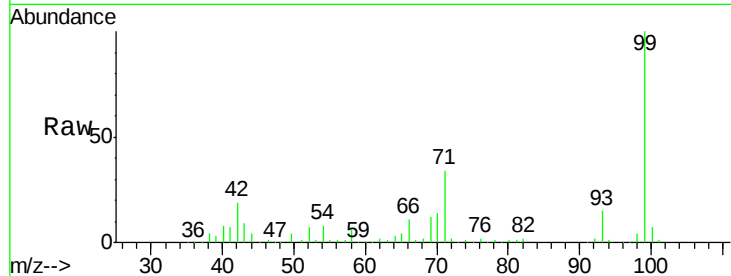
ClientSampleId :

PB82482BSD

Tot Ion:	99	Resp:	340371
Ion Ratio	Lower	Upper	
99	100		
42	18.6	14.8	22.2
71	33.6	26.6	39.8

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM



#8

2-Chlorophenol

Concen: 43.39 ng

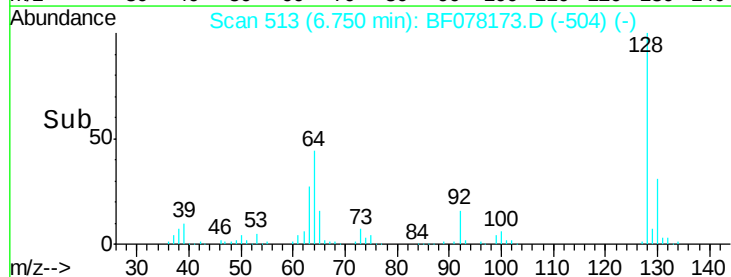
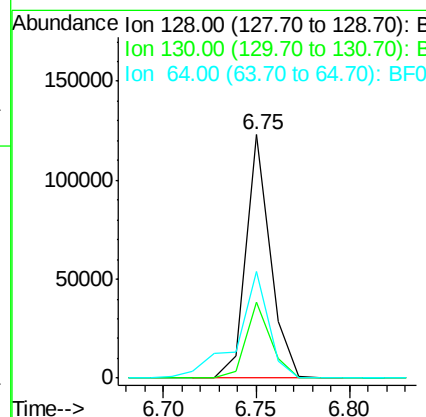
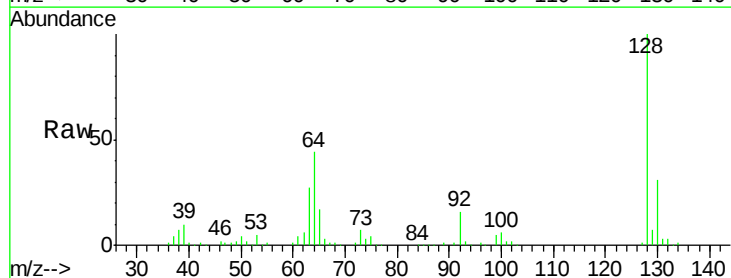
RT: 6.75 min Scan# 513

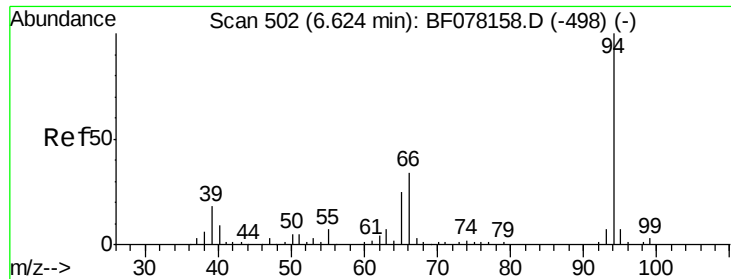
Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Tgt Ion:	128	Resp:	112363
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.3	52.3
64	43.9	23.8	63.8





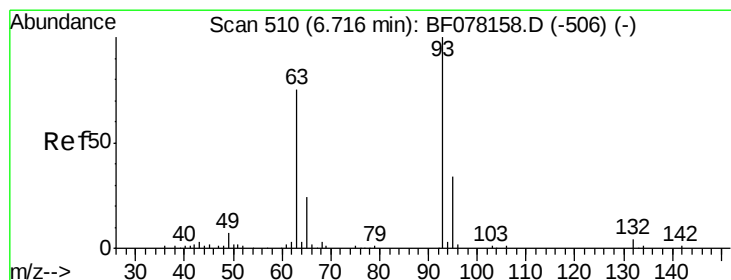
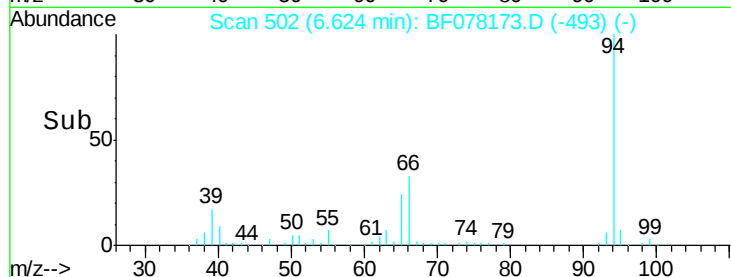
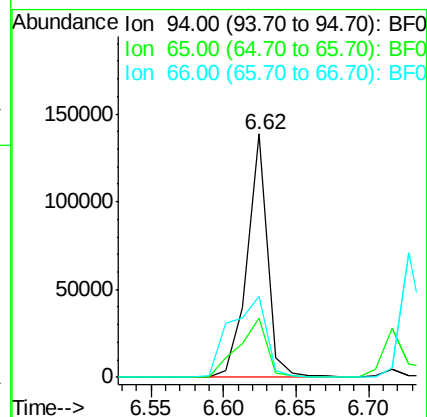
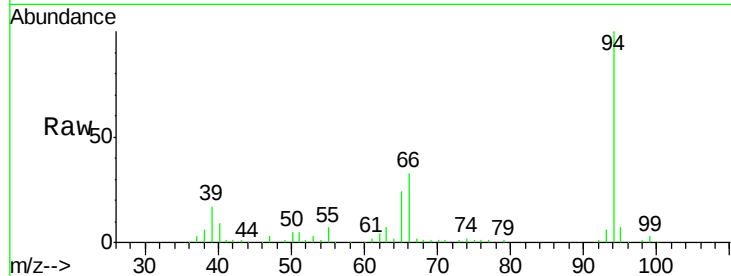
#10
Phenol
Concen: 41.31 ng
RT: 6.62 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Resp	Lower	Upper
94	100			
65	24.4		4.9	44.9
66	33.2		13.8	53.8

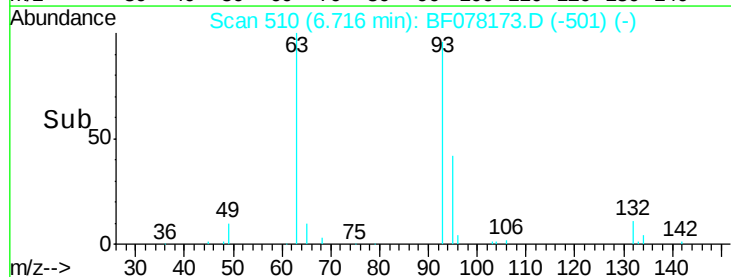
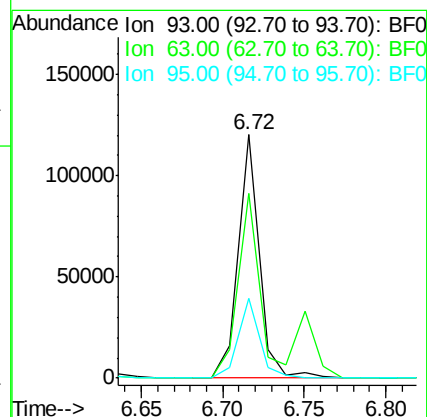
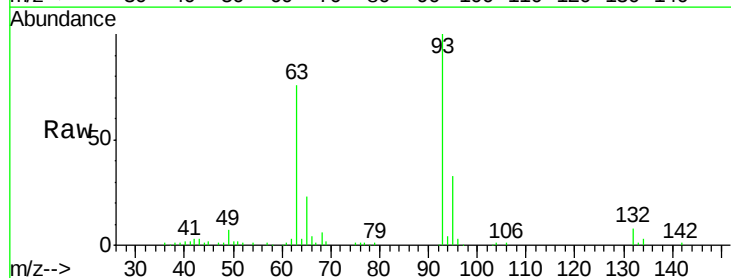
Manual Integrations
APPROVED

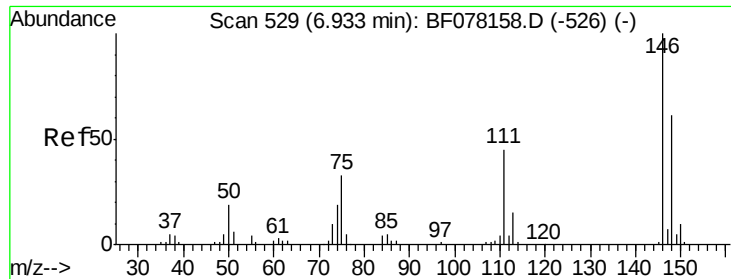
apatel
4/2/2015 5:51:29 PM



#11
bis(2-Chloroethyl)ether
Concen: 45.00 ng
RT: 6.72 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
63	76.0		54.6	94.6
95	32.5		13.6	53.6





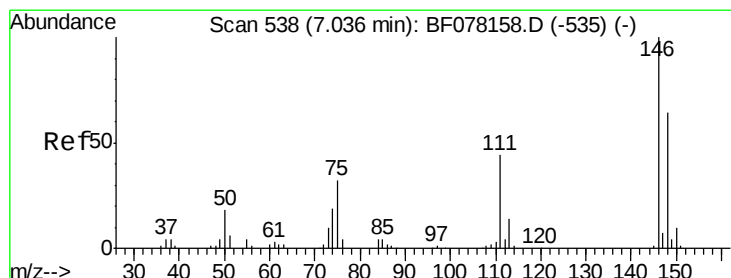
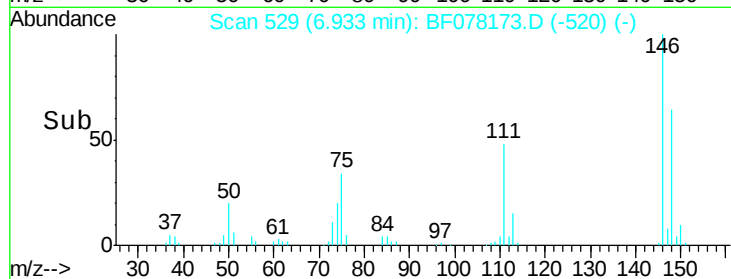
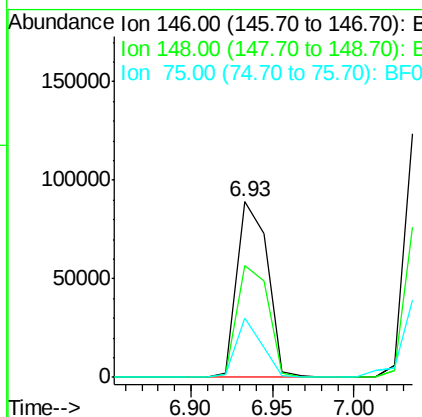
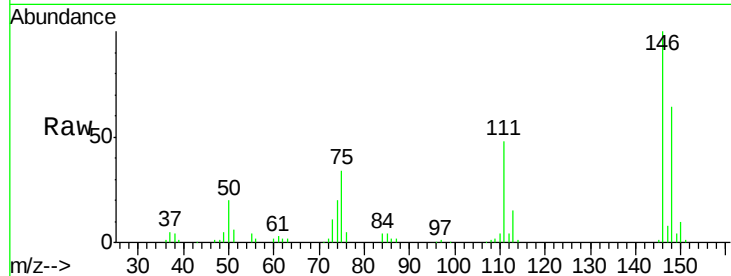
#12
 1,3-Dichlorobenzene
 Concen: 40.31 ng
 RT: 6.93 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		114669		
148	63.7	49.1	73.7		
75	34.1	26.6	40.0		

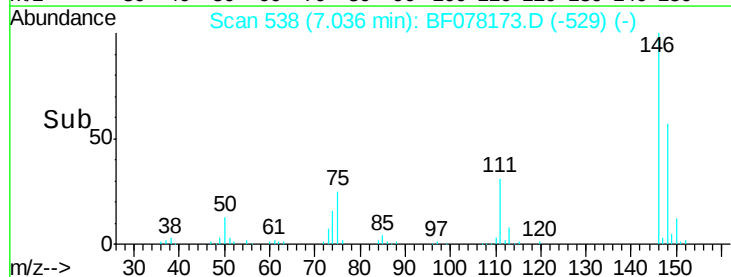
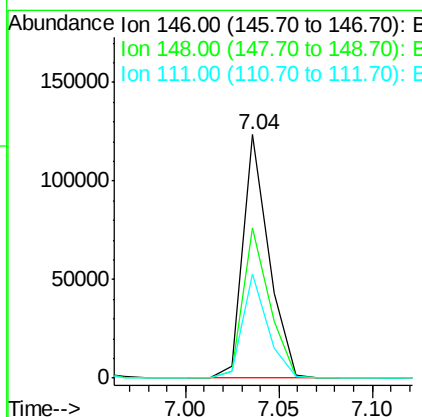
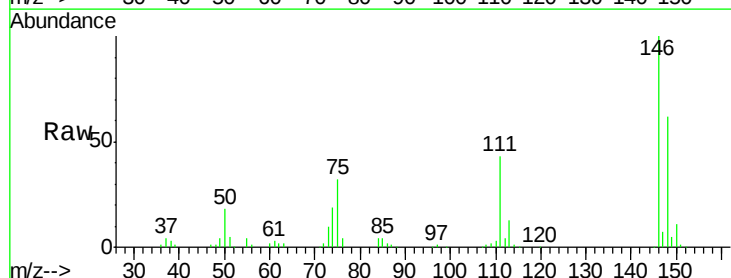
Manual Integrations
 APPROVED

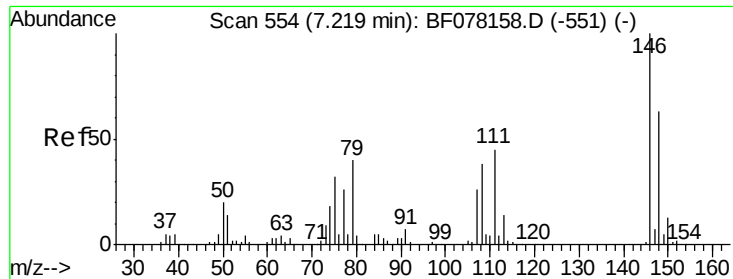
apatel
 4/2/2015 5:51:29 PM



#13
 1,4-Dichlorobenzene
 Concen: 41.79 ng
 RT: 7.04 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		119668		
148	61.9	51.4	77.0		
111	42.9	35.0	52.4		





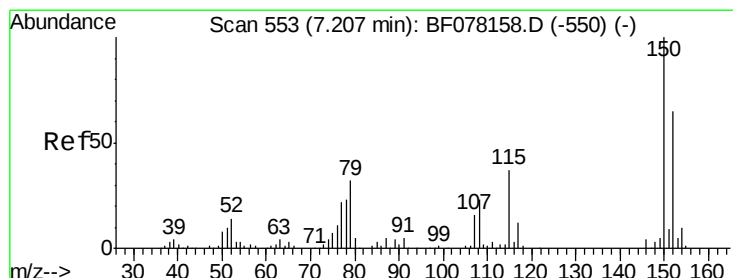
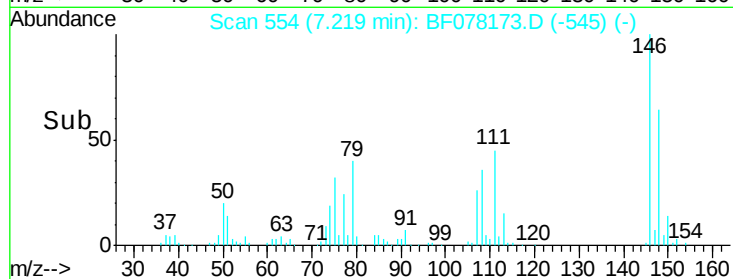
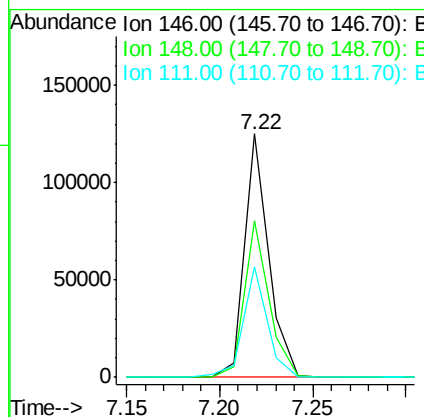
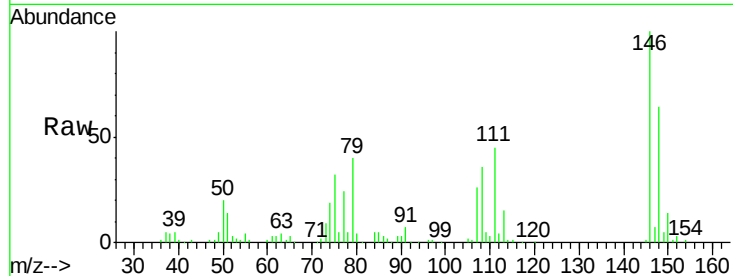
#14
1,2-Dichlorobenzene
Concen: 41.94 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	112585		
148	64.5	50.2	75.4	
111	45.5	36.1	54.1	

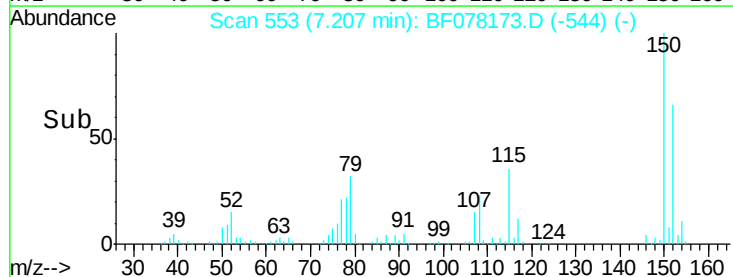
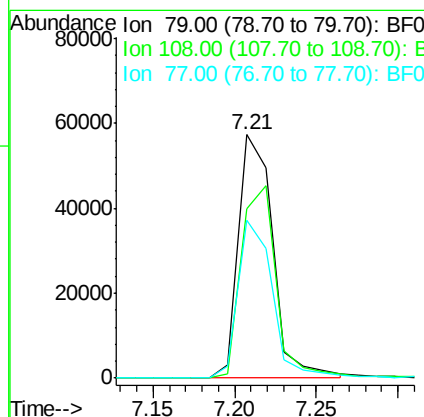
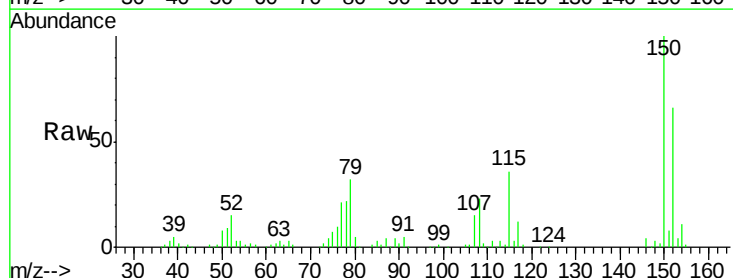
Manual Integrations
APPROVED

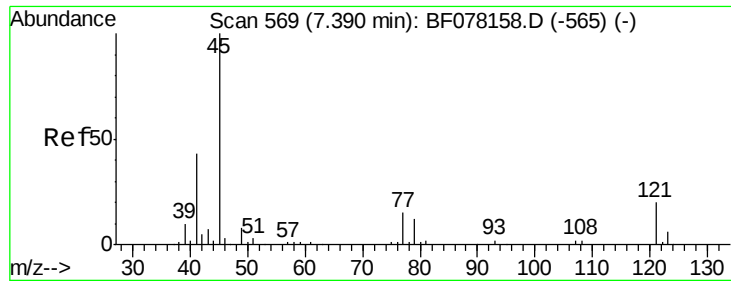
apatel
4/2/2015 5:51:29 PM



#15
Benzyl Alcohol
Concen: 43.36 ng
RT: 7.21 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	83621		
108	69.5	57.6	86.4	
77	64.8	53.5	80.3	





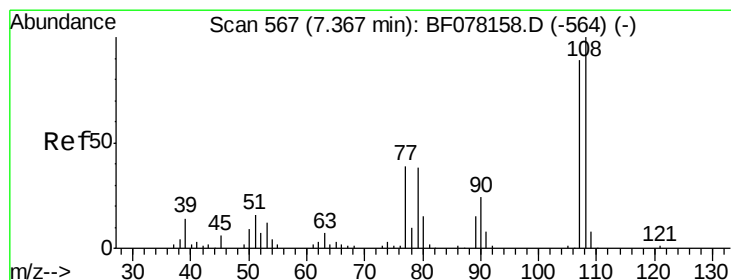
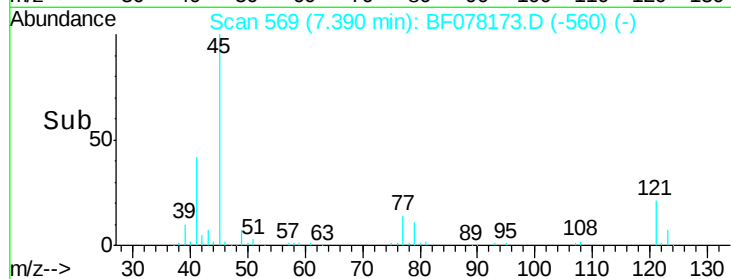
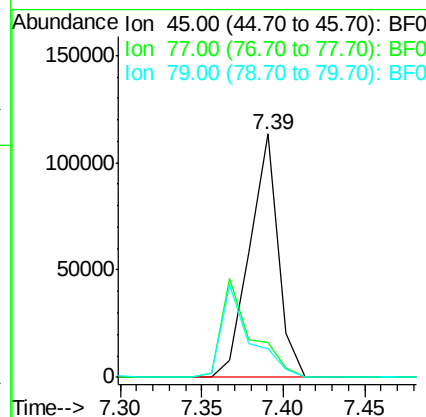
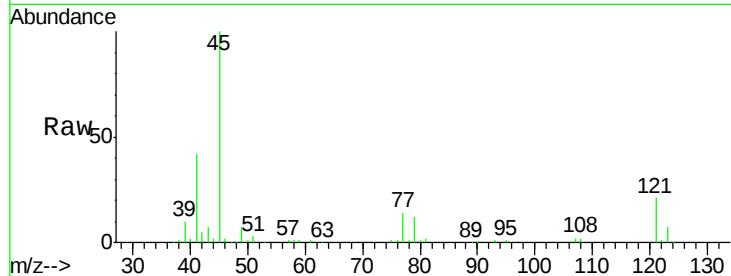
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 43.56 ng
RT: 7.39 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Resp	Lower	Upper
45	100	137418		
77	14.5	0.0	34.5	
79	11.7	0.0	31.9	

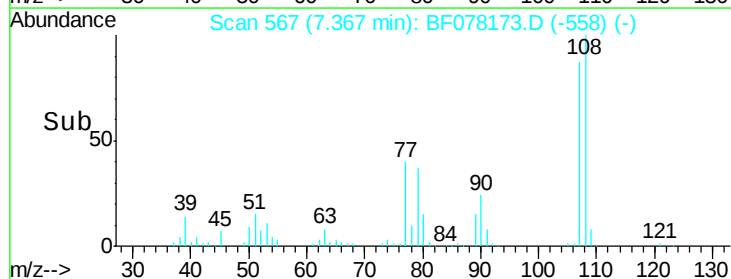
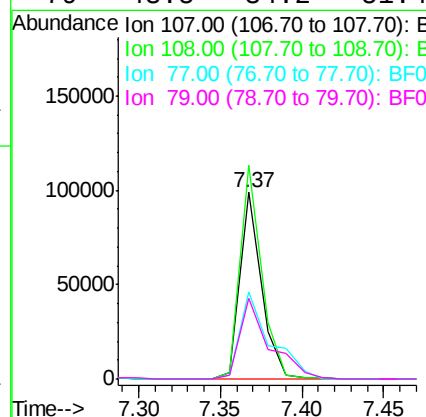
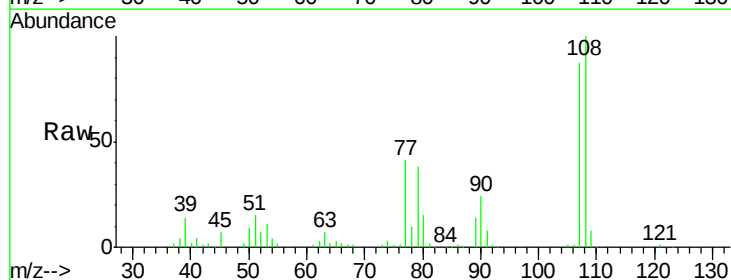
Manual Integrations
APPROVED

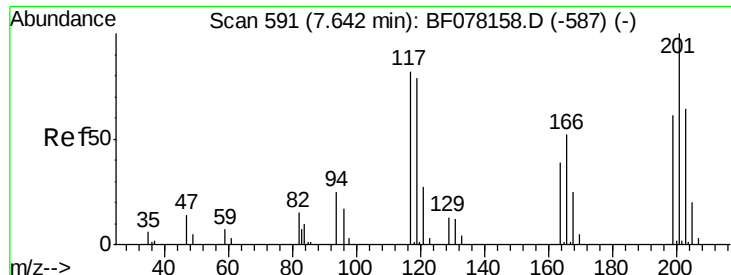
apatel
4/2/2015 5:51:29 PM



#17
2-Methylphenol
Concen: 44.49 ng
RT: 7.37 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	89454		
108	114.6	90.3	135.5	
77	46.6	35.5	53.3	
79	43.5	34.2	51.4	





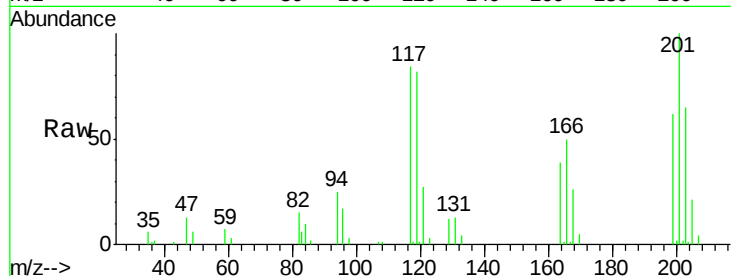
#18
Hexachloroethane
Concen: 42.03 ng
RT: 7.64 min Scan# 591
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	40581		
119	98.1	77.0	115.6	
201	119.2	98.1	147.1	

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM

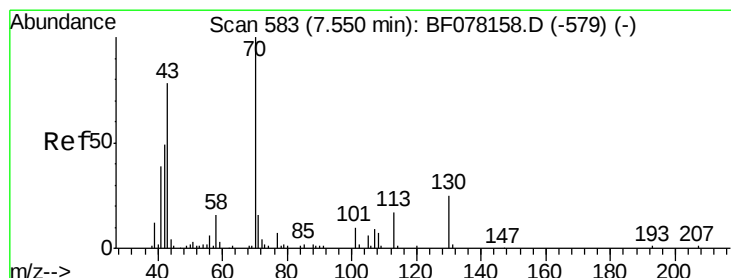
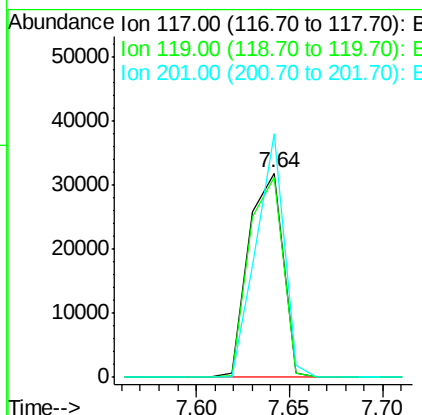
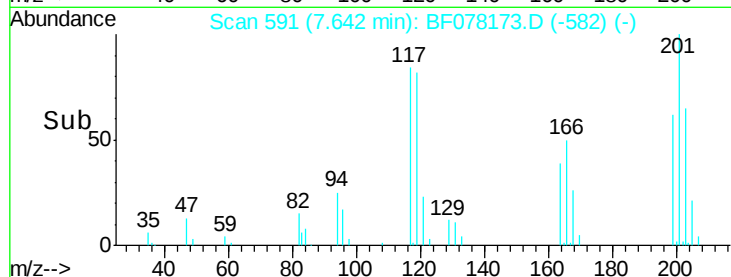


Abundance

Ion 117.00 (116.70 to 117.70): E

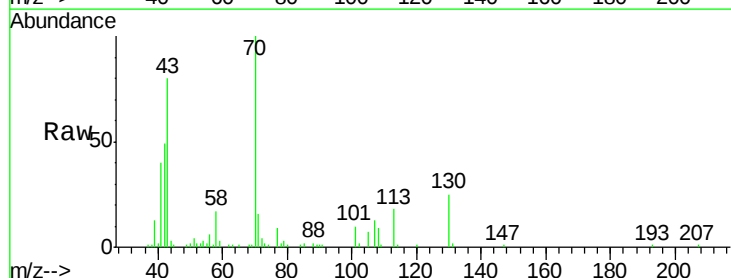
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 41.55 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	75246		
42	49.3	38.9	58.3	
101	10.3	8.3	12.5	
130	24.9	19.8	29.8	



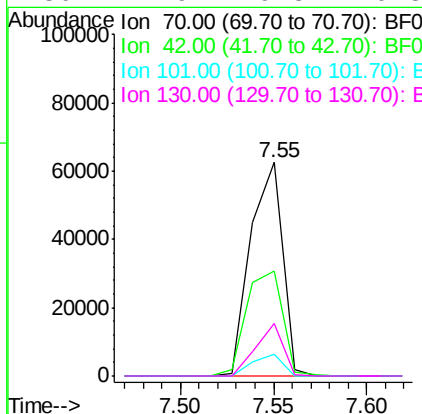
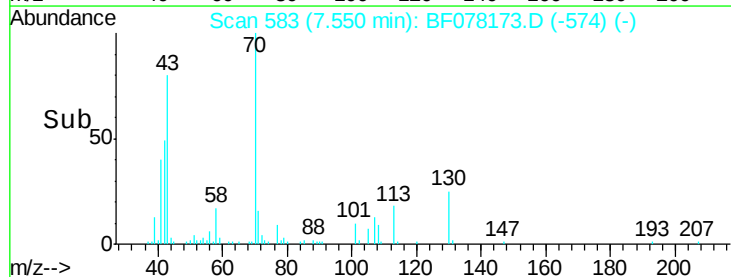
Abundance

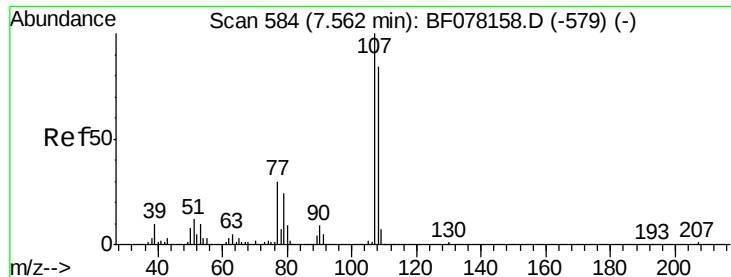
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





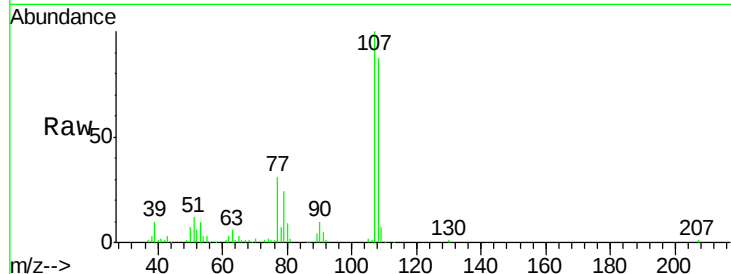
#20
3+4-Methylphenols
Concen: 43.76 ng
RT: 7.56 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

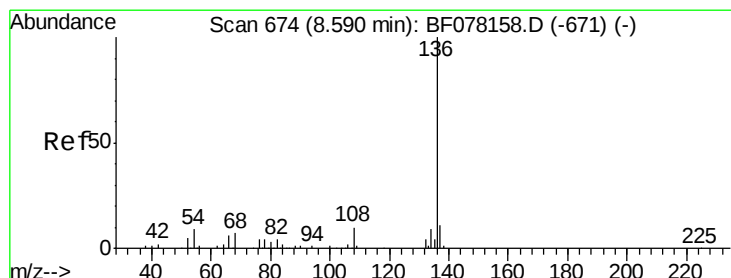
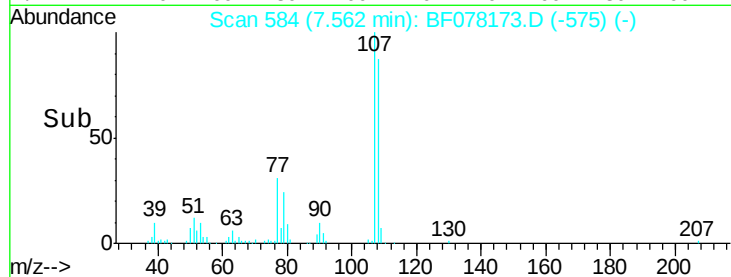
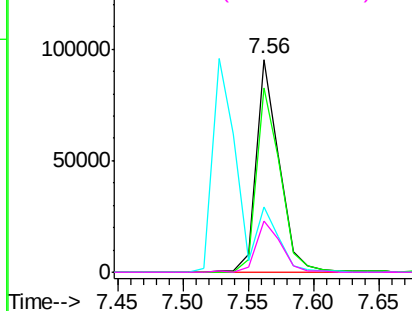
Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	117361		
108	108	86.6	64.4	104.4	
77	77	30.8	9.7	49.7	
79	79	24.2	4.0	44.0	

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM



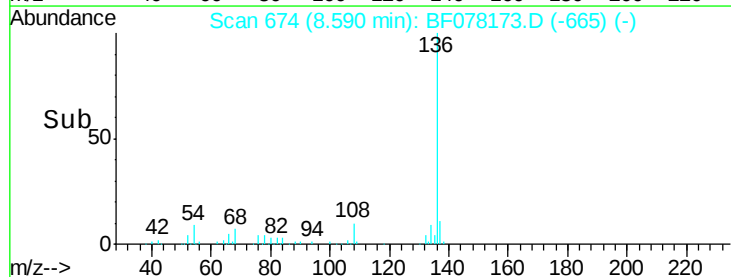
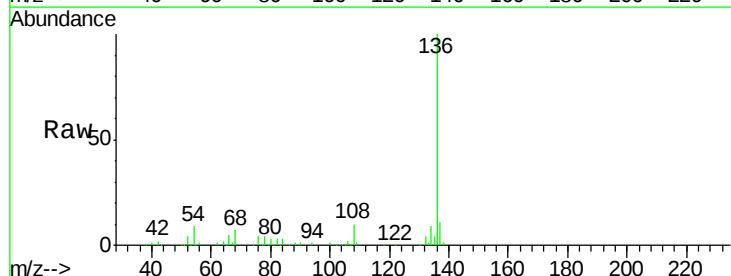
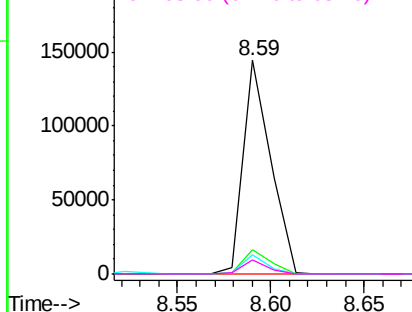
Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

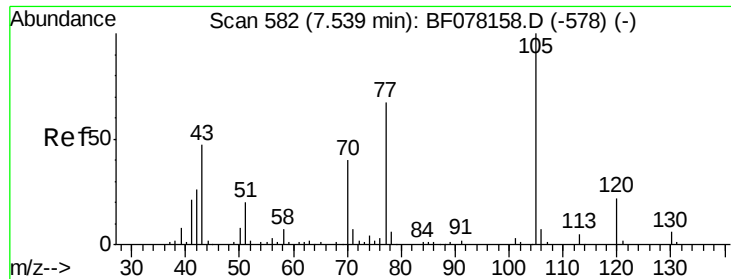


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.59 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	146891		
137	137	11.2	9.0	13.4	
54	54	8.9	7.0	10.6	
68	68	6.8	5.4	8.2	

Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





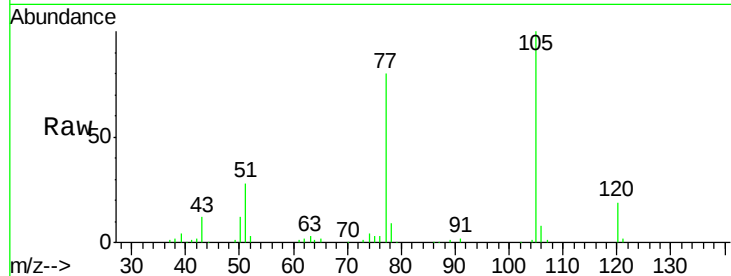
#22
Acetophenone
Concen: 44.86 ng
RT: 7.53 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Resp Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	27.6	16.0	24.0#
120	19.4	17.8	26.6

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM

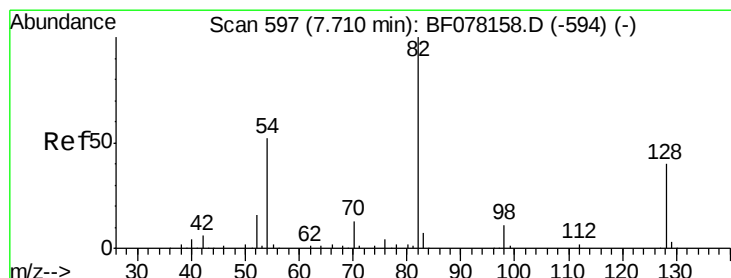
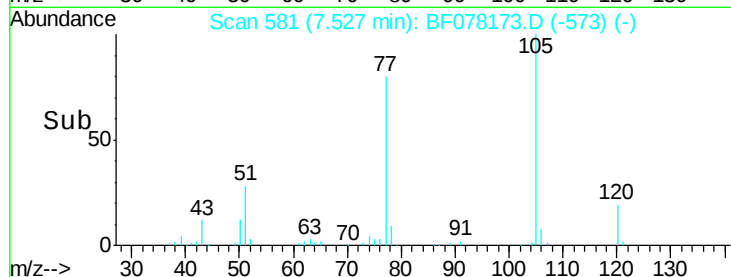
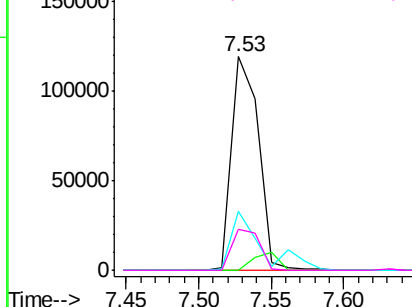


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



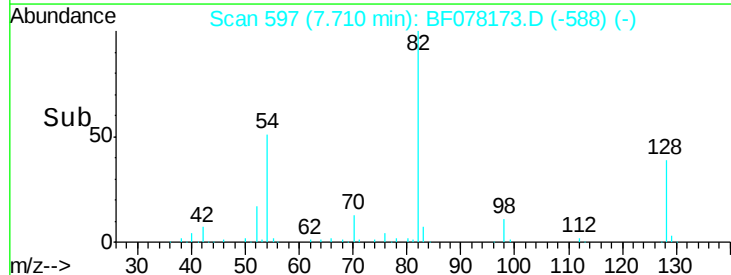
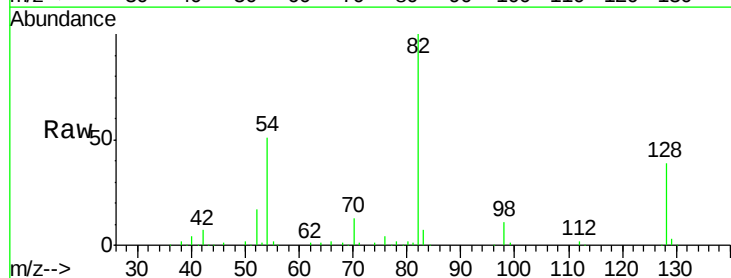
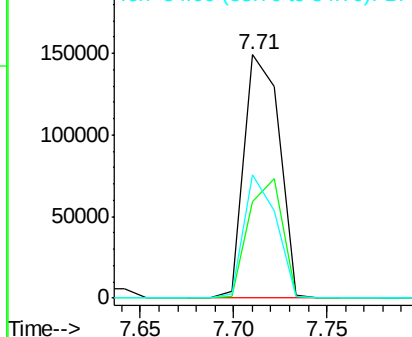
#23
Nitrobenzene-d5
Concen: 80.66 ng
RT: 7.71 min Scan# 597
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

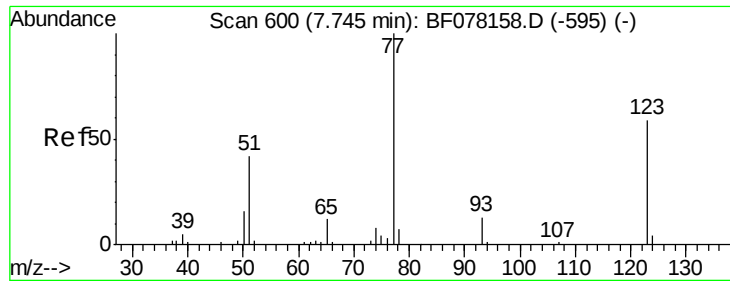
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	39.5	31.8	47.8
54	50.8	41.5	62.3

Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 42.05 ng

RT: 7.73 min Scan# 599

Delta R.T. -0.01 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

ClientSampleId :

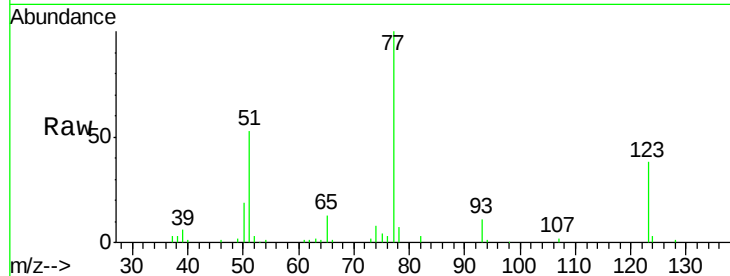
PB82482BSD

Tot Ion: 77 Resp: 106523
Ion Ratio Lower Upper

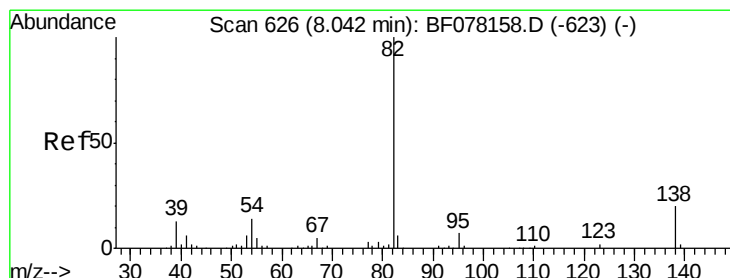
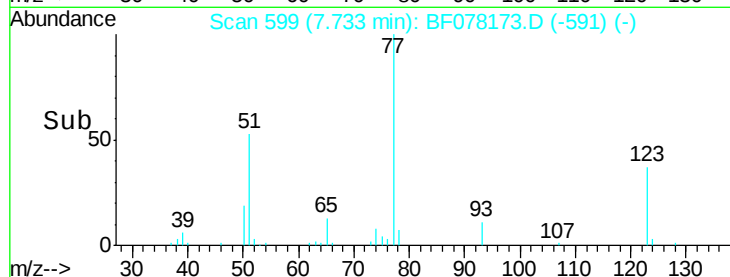
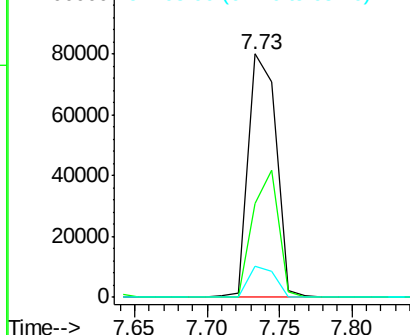
77	100		
123	38.4	46.9	70.3#
65	13.0	9.5	14.3

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM



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



#25

Isophorone

Concen: 44.01 ng

RT: 8.04 min Scan# 626

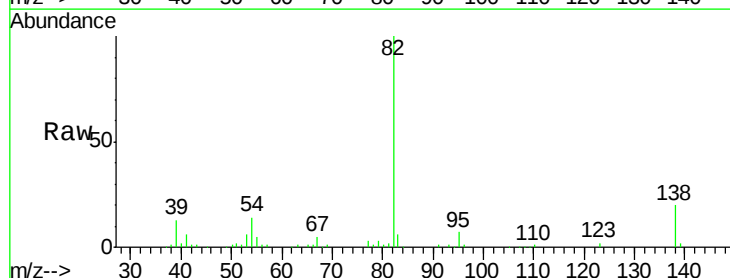
Delta R.T. -0.00 min

Lab File: BF078173.D

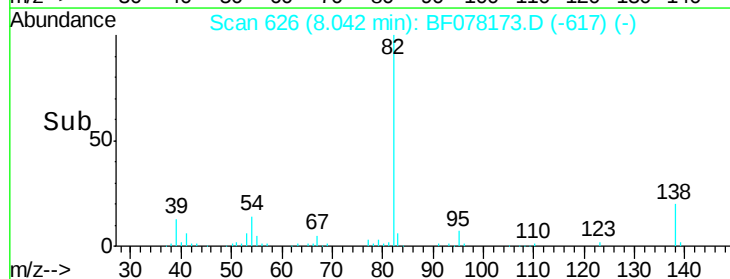
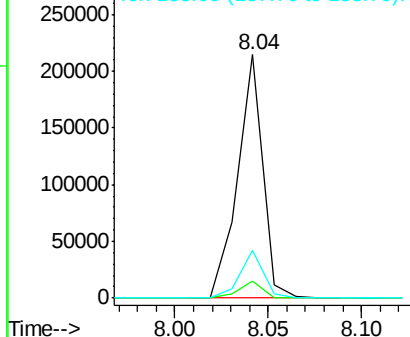
Acq: 2 Apr 2015 1:18

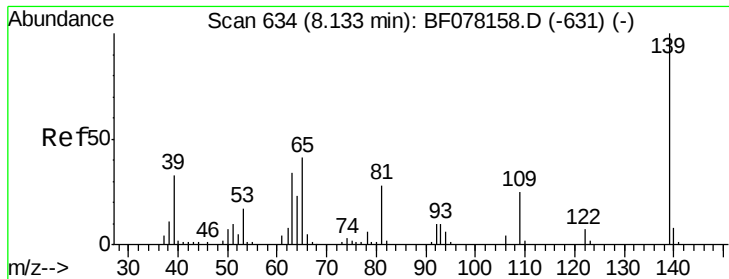
Tgt Ion: 82 Resp: 202430
Ion Ratio Lower Upper

82	100		
95	7.0	5.7	8.5
138	19.7	15.8	23.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





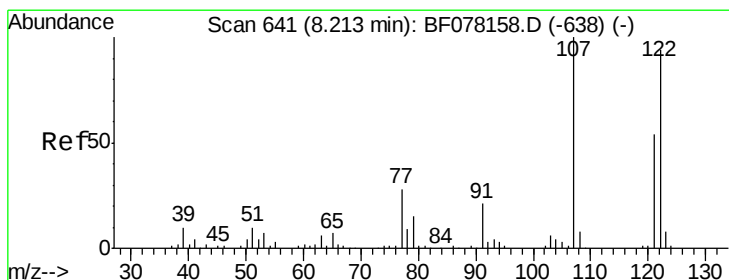
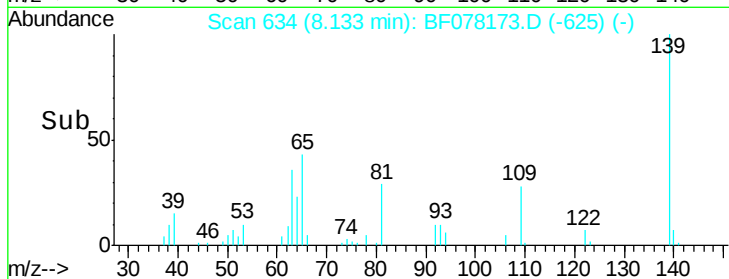
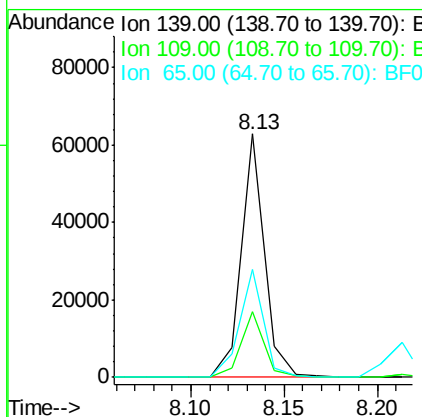
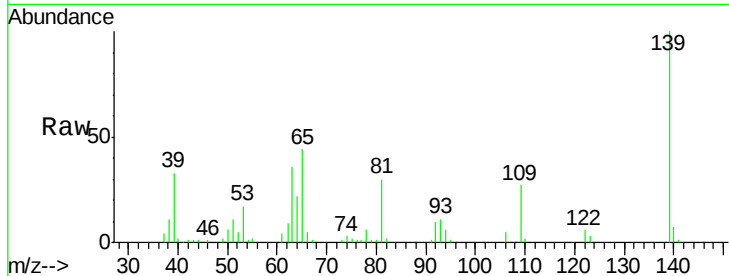
#26
 2-Nitrophenol
 Concen: 45.46 ng
 RT: 8.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	54877		
109	27.1	19.8	29.8	
65	44.3	32.7	49.1	

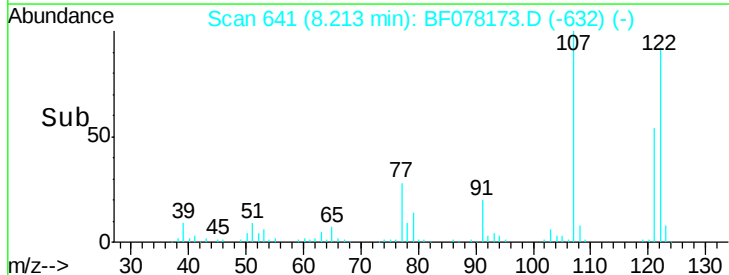
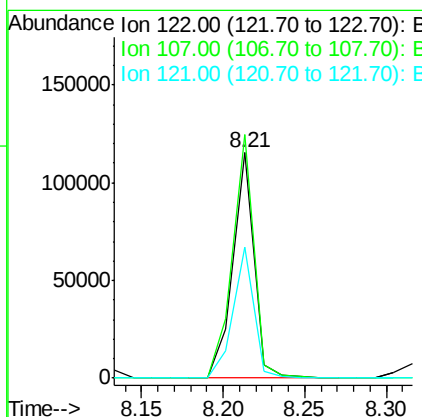
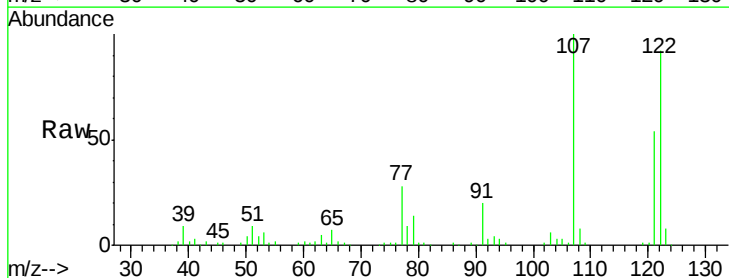
Manual Integrations
 APPROVED

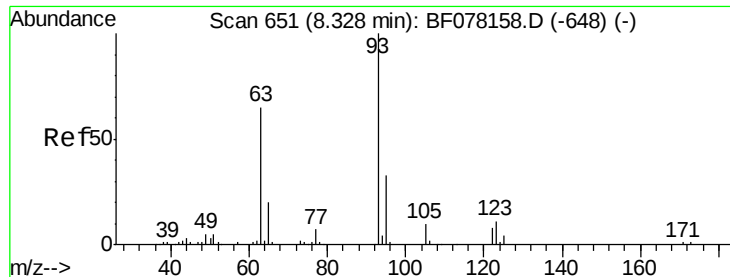
apatel
 4/2/2015 5:51:29 PM



#27
 2,4-Dimethylphenol
 Concen: 45.63 ng
 RT: 8.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	102441		
107	108.1	84.6	127.0	
121	58.1	46.0	69.0	





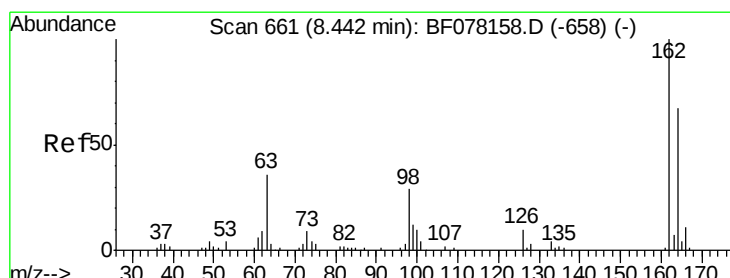
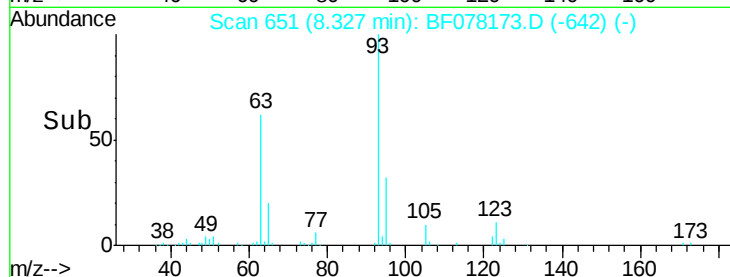
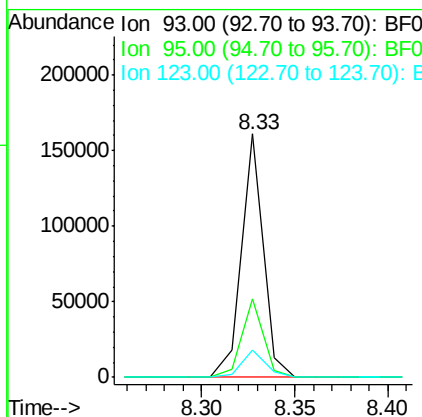
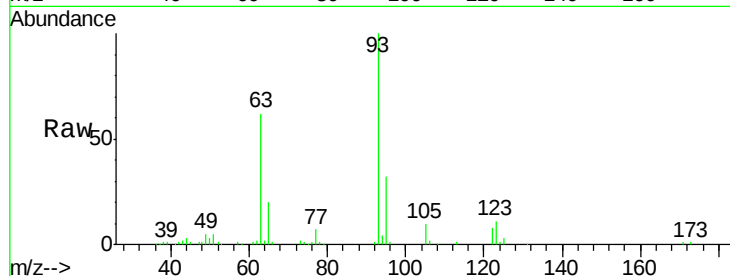
#28
bis(2-Chloroethoxy)methane
Concen: 45.04 ng
RT: 8.33 min Scan# 651
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.4	26.3	39.5	
123	11.4	9.1	13.7	

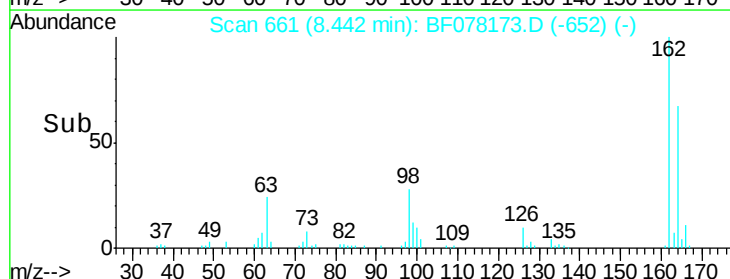
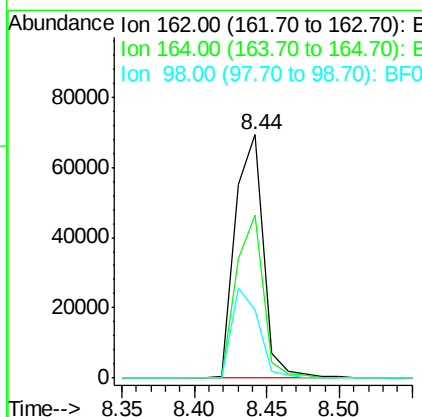
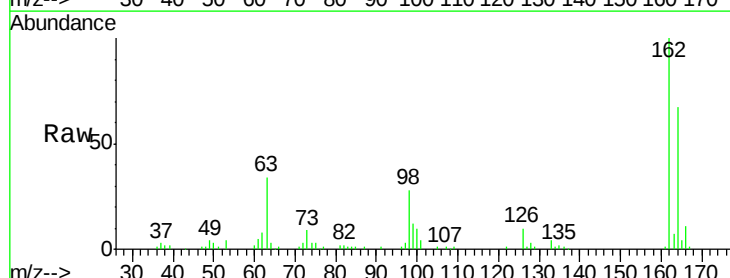
Manual Integrations
APPROVED

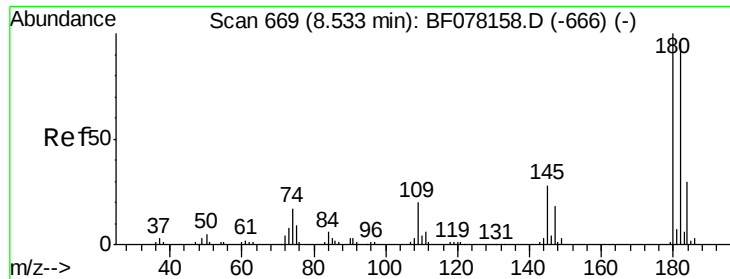
apatel
4/2/2015 5:51:29 PM



#29
2,4-Dichlorophenol
Concen: 45.47 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	67.1	47.0	87.0	
98	27.9	9.2	49.2	





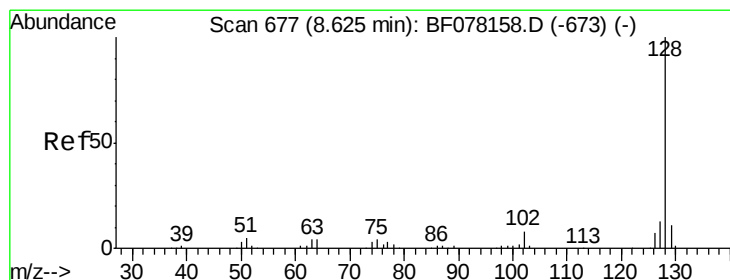
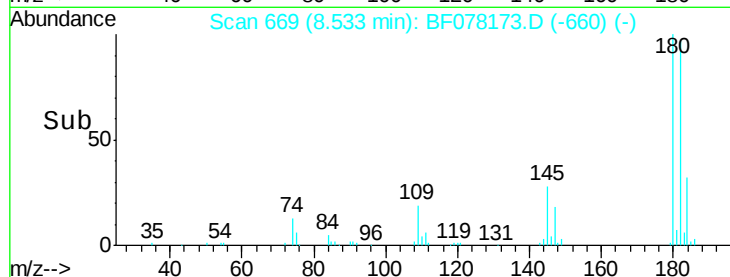
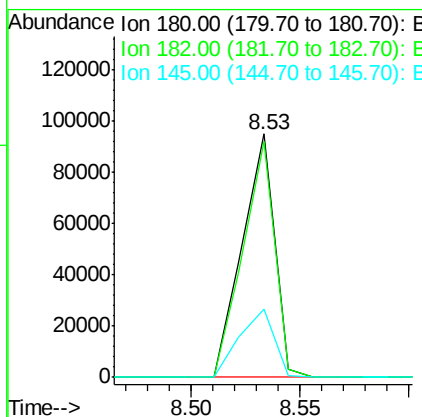
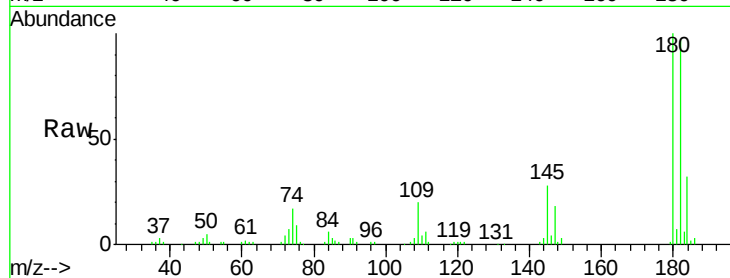
#30
 1,2,4-Trichlorobenzene
 Concen: 41.86 ng
 RT: 8.53 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	98014		
182	96.7	76.9	115.3	
145	28.2	22.5	33.7	

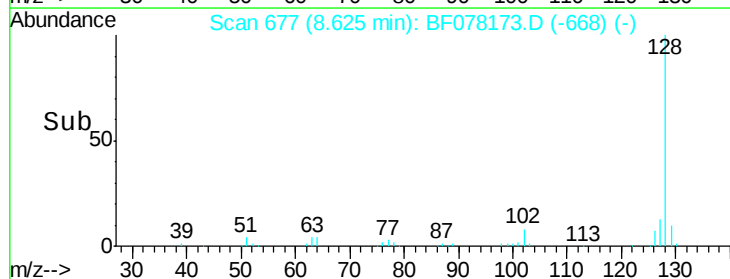
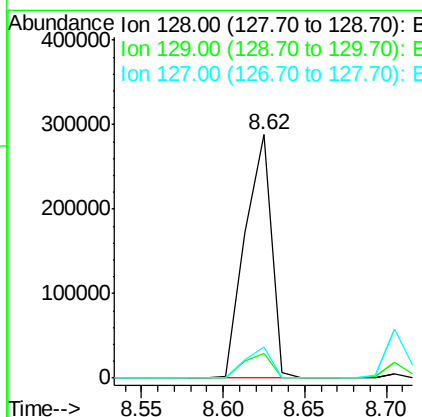
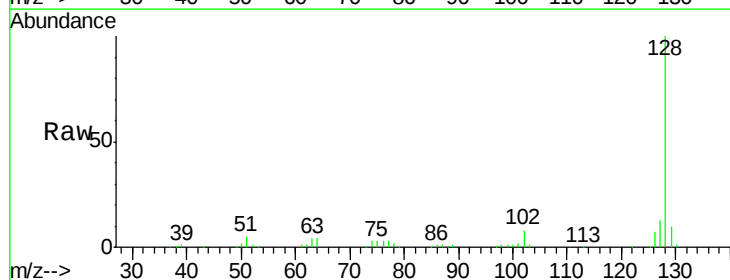
Manual Integrations
 APPROVED

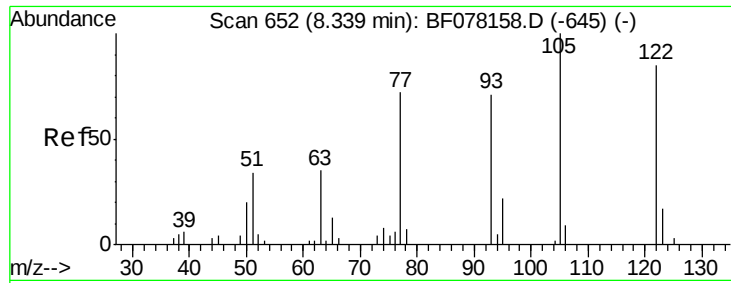
apatel
 4/2/2015 5:51:29 PM



#31
 Naphthalene
 Concen: 42.17 ng
 RT: 8.62 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	322431		
129	10.4	8.6	12.8	
127	12.6	10.7	16.1	





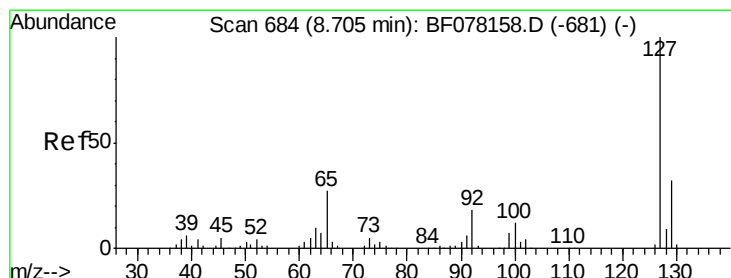
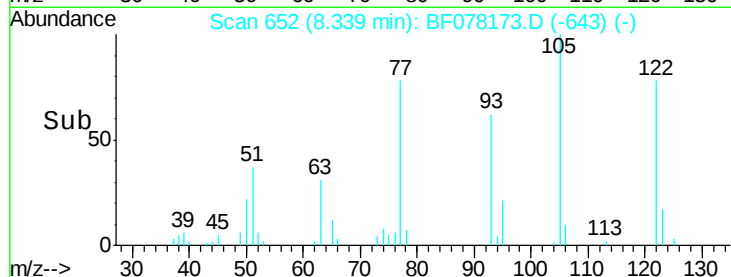
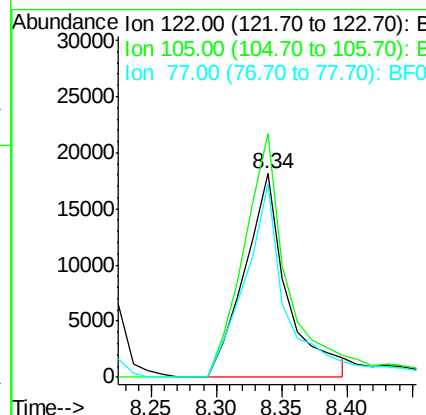
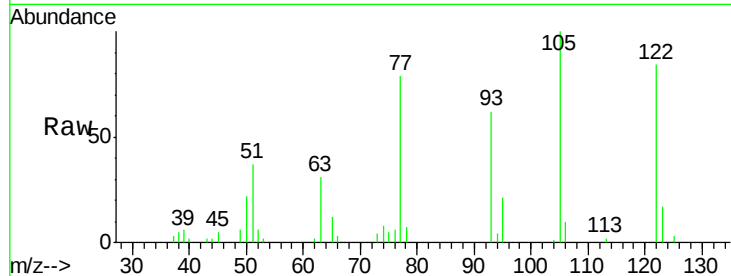
#32
Benzoic acid
Concen: 40.14 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion:	122	Resp:	41239
Ion Ratio	Lower	Upper	
122	100		
105	119.6	96.1	136.1
77	95.0	64.1	104.1

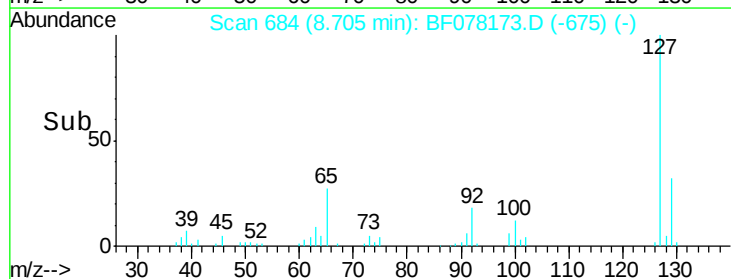
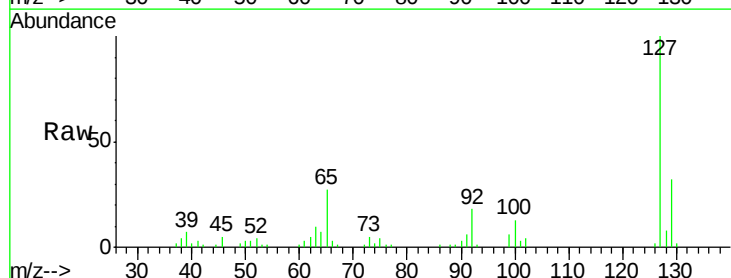
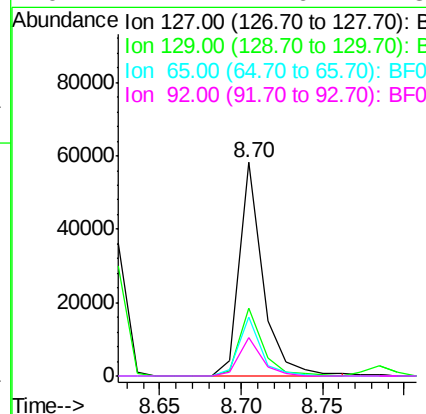
Manual Integrations
APPROVED

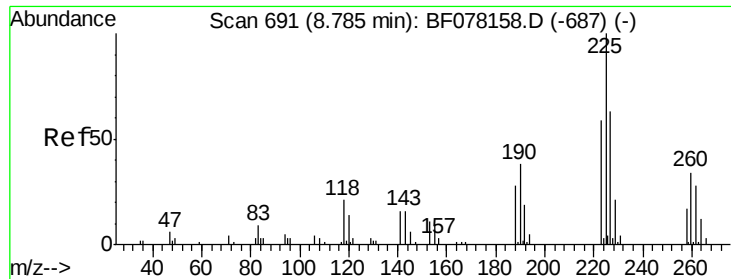
apatel
4/2/2015 5:51:29 PM



#33
4-Chloroaniline
Concen: 18.26 ng
RT: 8.70 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion:	127	Resp:	57932
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.5	38.3
65	27.4	21.7	32.5
92	17.7	14.6	21.8





#34

Hexachlorobutadiene

Concen: 43.82 ng

RT: 8.78 min Scan# 691

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

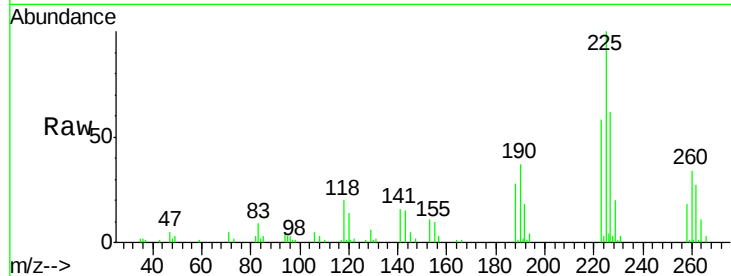
ClientSampleId :

PB82482BSD

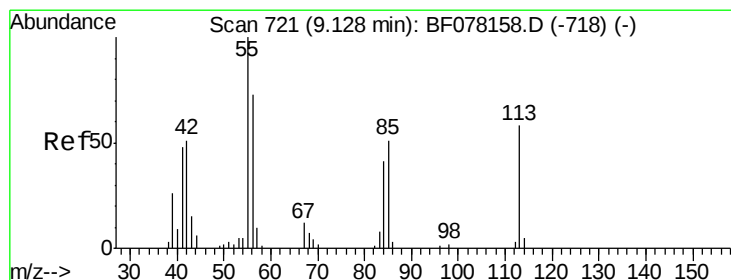
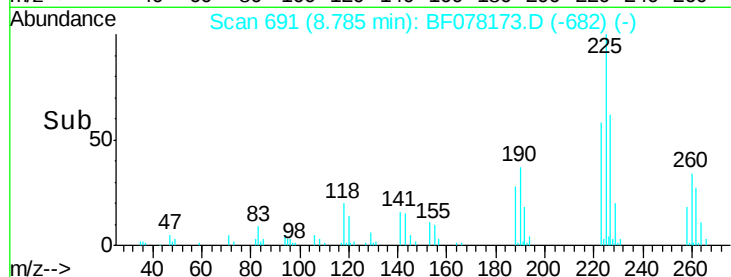
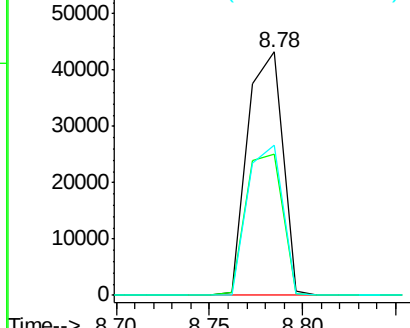
Tot Ion:	225	Resp:	56346
Ion Ratio	Lower	Upper	
225	100		
223	58.0	47.5	71.3
227	61.9	50.2	75.2

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 45.20 ng

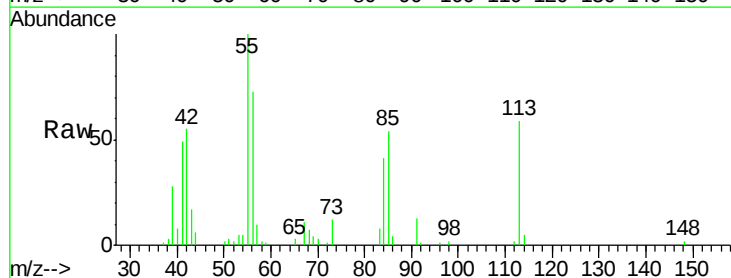
RT: 9.13 min Scan# 721

Delta R.T. -0.00 min

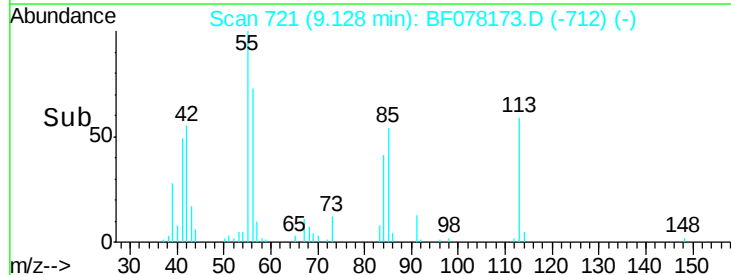
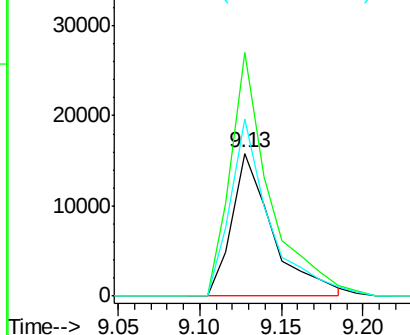
Lab File: BF078173.D

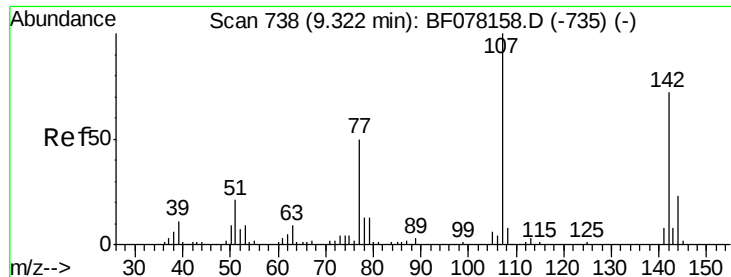
Acq: 2 Apr 2015 1:18

Tgt Ion:	113	Resp:	27556
Ion Ratio	Lower	Upper	
113	100		
55	170.4	151.9	191.9
56	124.2	106.1	146.1



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





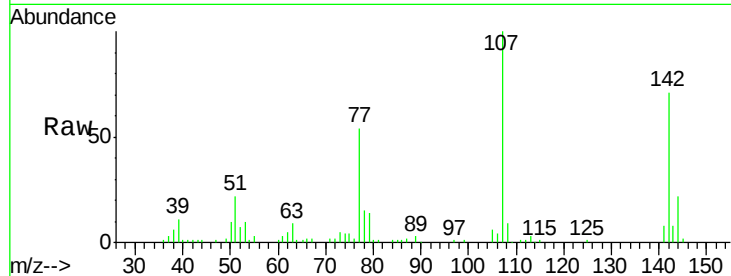
#36
 4-Chloro-3-methylphenol
 Concen: 45.25 ng
 RT: 9.32 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleID :
 PB82482BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	93253		
144	22.4	18.2	27.2	
142	70.8	58.0	87.0	

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:51:29 PM

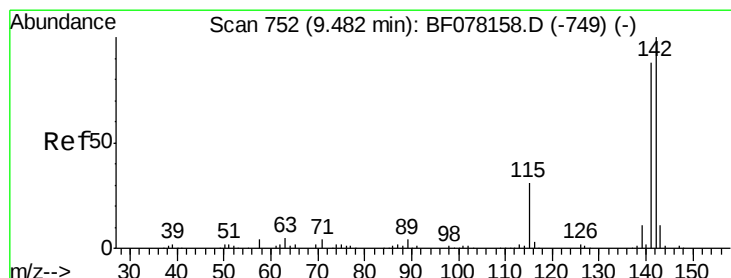
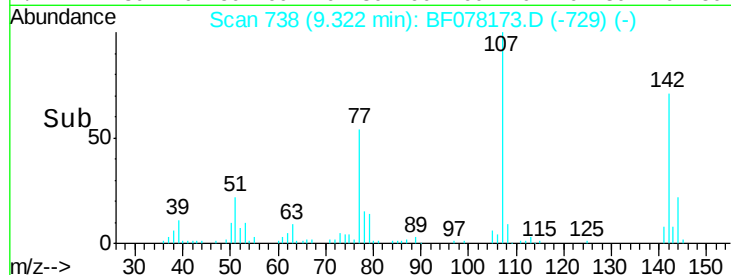
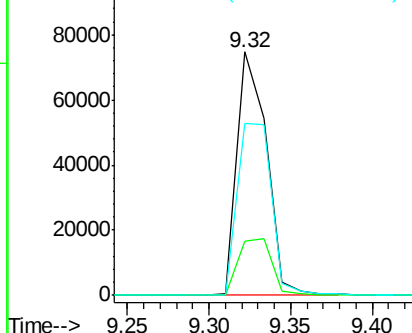


Abundance

Ion 107.00 (106.70 to 107.70): E

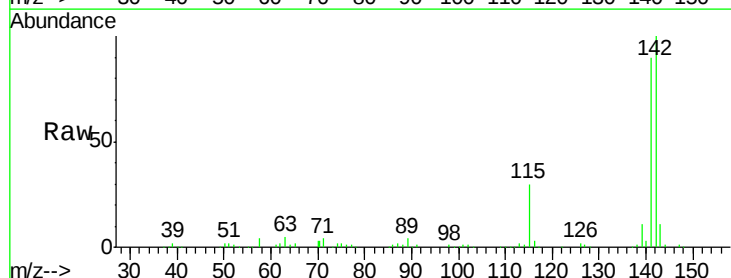
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37
 2-Methylnaphthalene
 Concen: 44.33 ng
 RT: 9.48 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	230084		
141	90.1	70.3	105.5	
115	30.3	24.6	37.0	

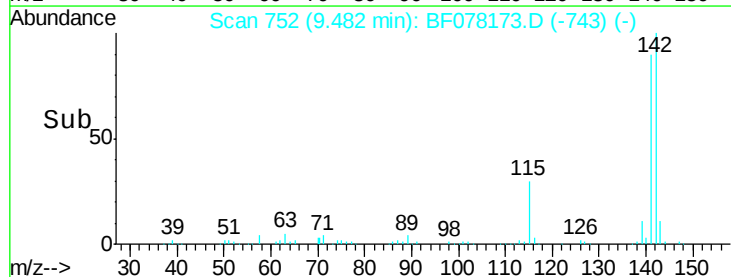
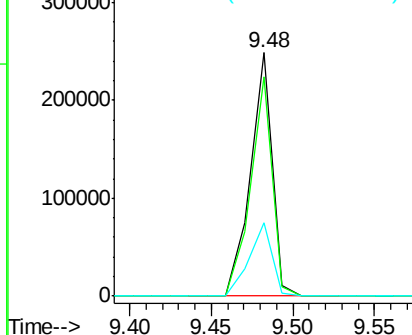


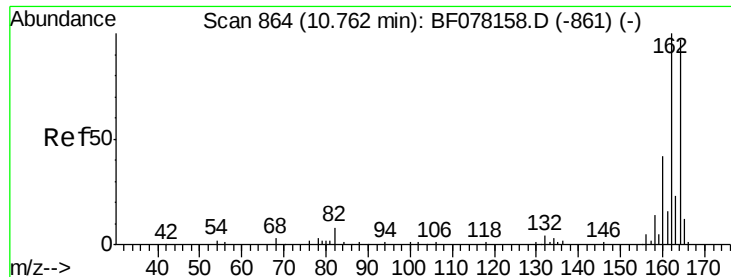
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

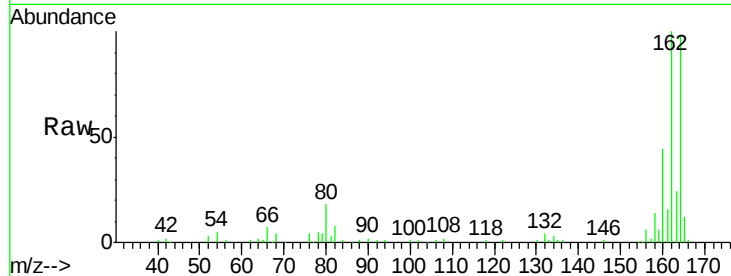
ClientSampleId :

PB82482BSD

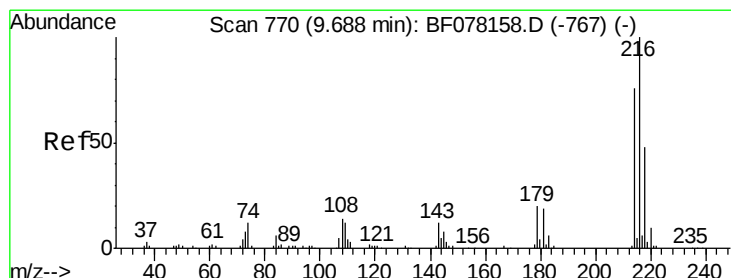
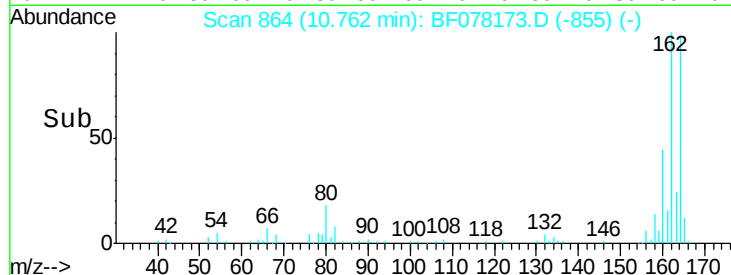
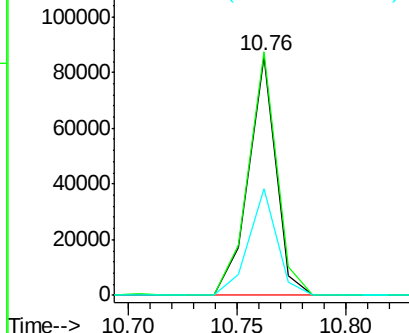
Tot Ion:	164	Resp:	75407
Ion Ratio	Lower	Upper	
164	100		
162	102.0	82.2	123.2
160	44.6	34.7	52.1

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.14 ng

RT: 9.69 min Scan# 770

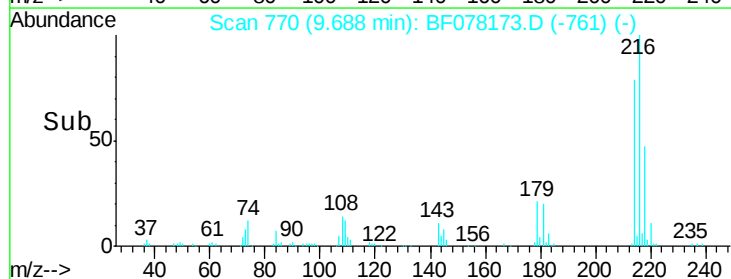
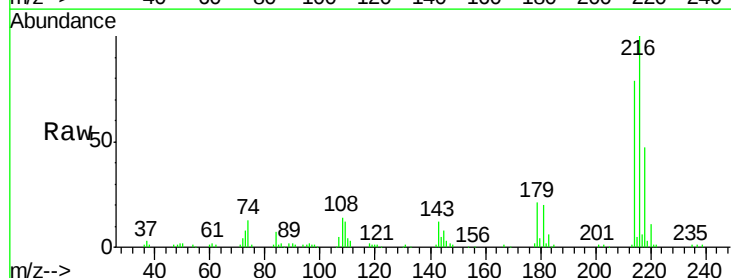
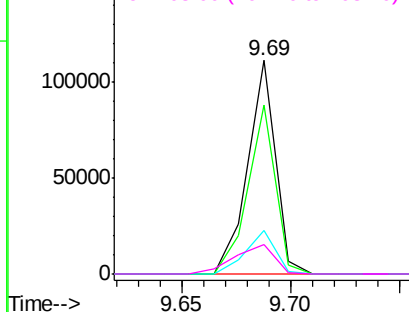
Delta R.T. -0.00 min

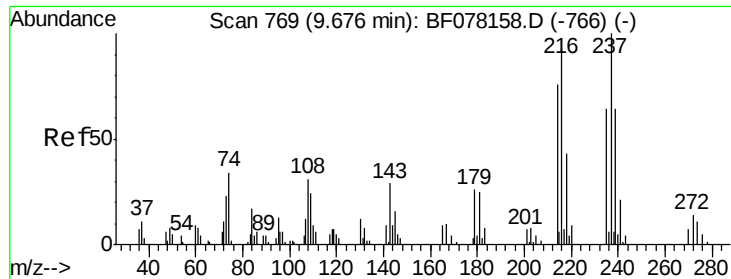
Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Tgt Ion:	216	Resp:	98454
Ion Ratio	Lower	Upper	
216	100		
214	78.5	62.0	93.0
179	21.7	17.3	25.9
108	19.7	14.6	21.8

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





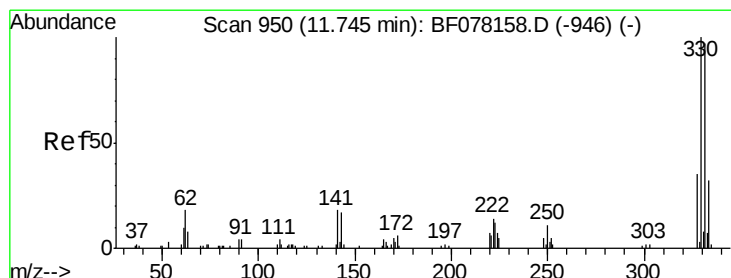
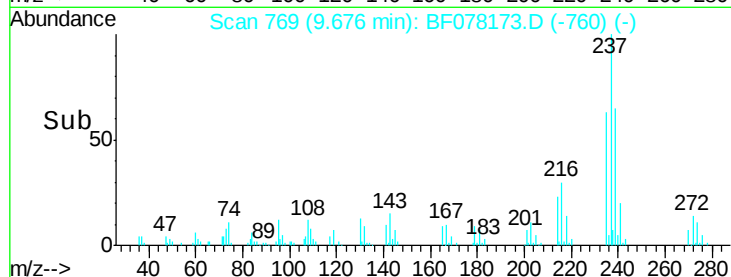
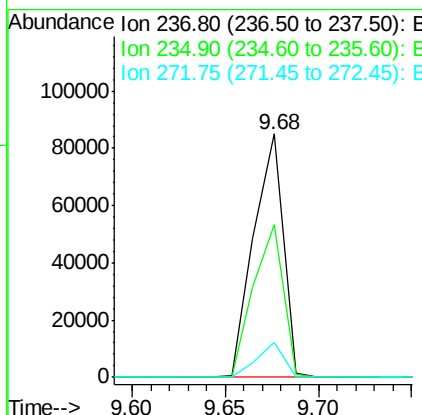
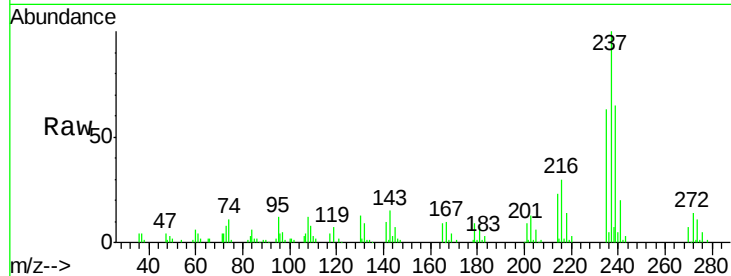
#40
Hexachlorocyclopentadiene
Concen: 91.43 ng
RT: 9.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	44.1	84.1
272	14.3	0.0	34.4

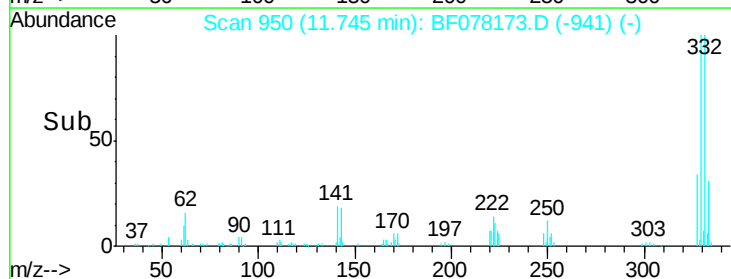
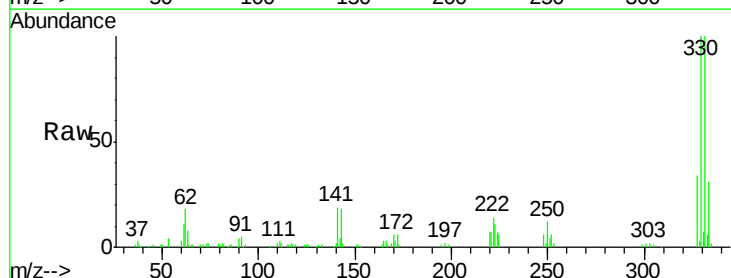
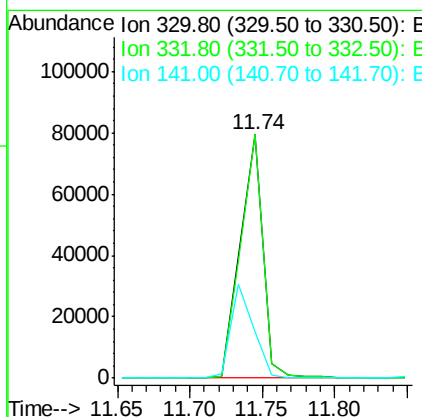
Manual Integrations
APPROVED

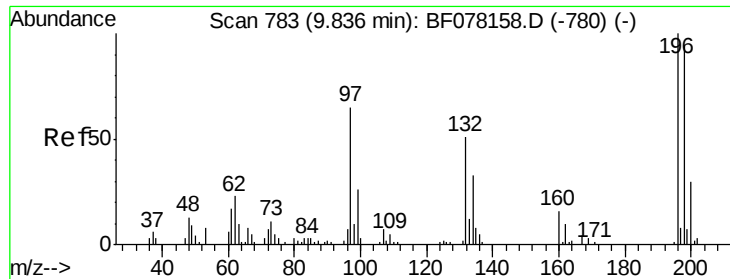
apatel
4/2/2015 5:51:29 PM



#41
2,4,6-Tribromophenol
Concen: 138.99 ng
RT: 11.74 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.4	78.6	117.8
141	37.7	31.2	46.8





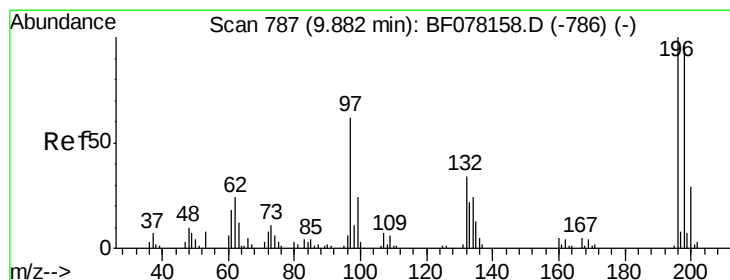
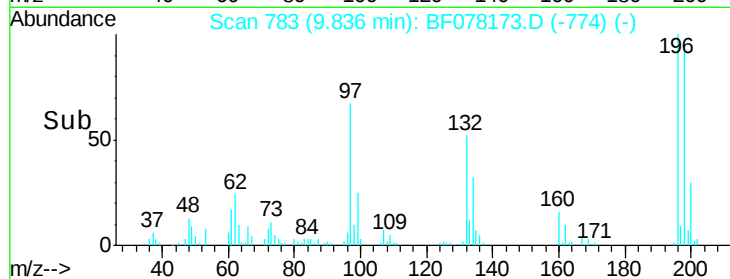
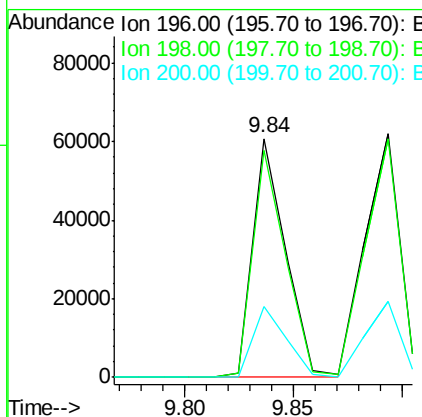
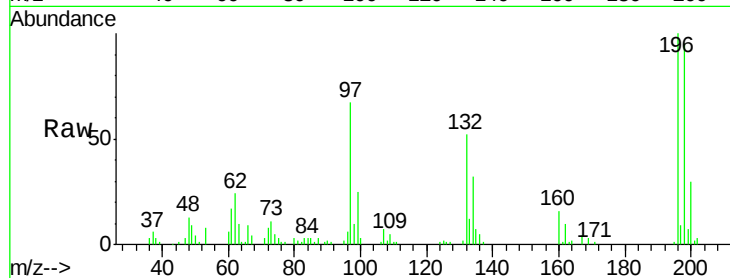
#42
 2,4,6-Trichlorophenol
 Concen: 43.52 ng
 RT: 9.84 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	64135		
198	95.0	75.4	113.2	
200	29.7	24.0	36.0	

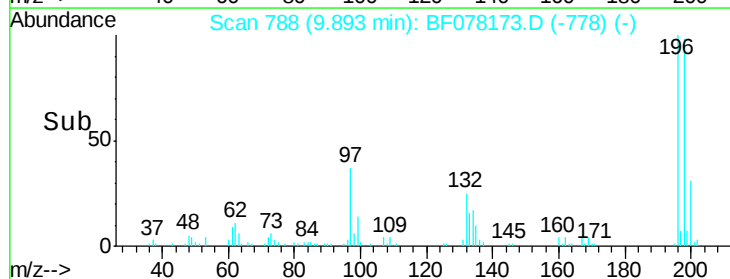
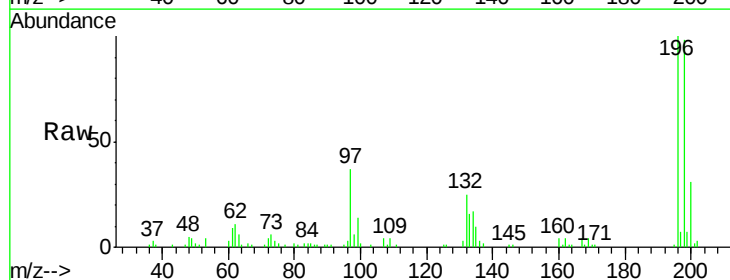
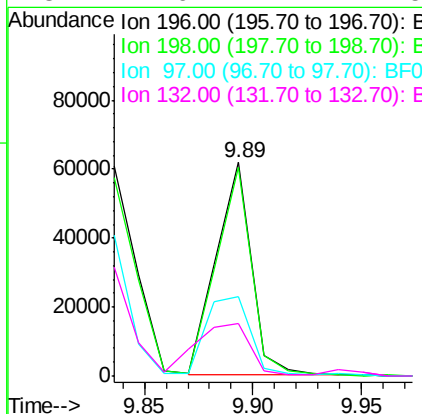
Manual Integrations
 APPROVED

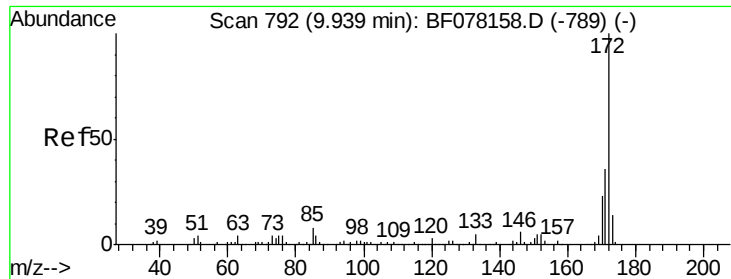
apatel
 4/2/2015 5:51:29 PM



#43
 2,4,5-Trichlorophenol
 Concen: 45.08 ng
 RT: 9.89 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

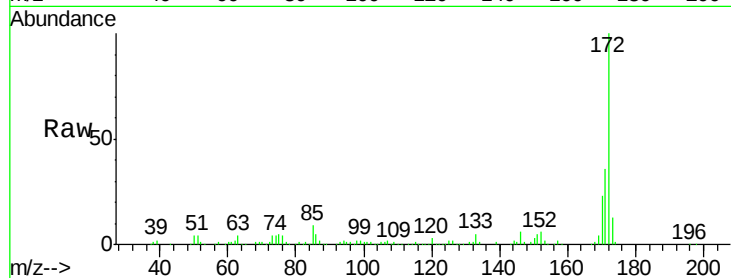
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69400		
198	97.9	76.6	115.0	
97	37.0	50.6	75.8#	
132	24.6	27.7	41.5#	





#44
2-Fluorobiphenyl
Concen: 82.86 ng
RT: 9.94 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

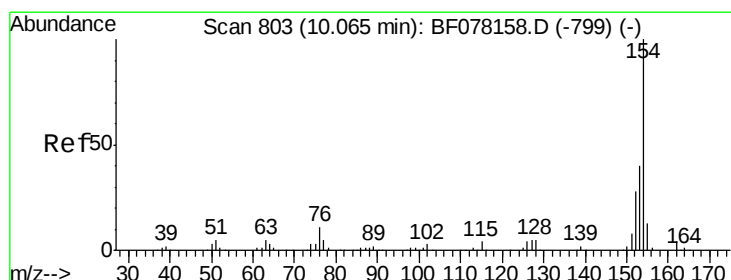
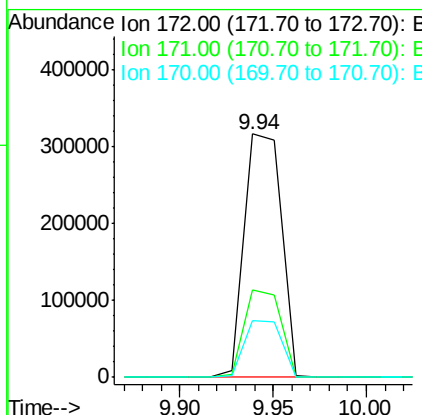
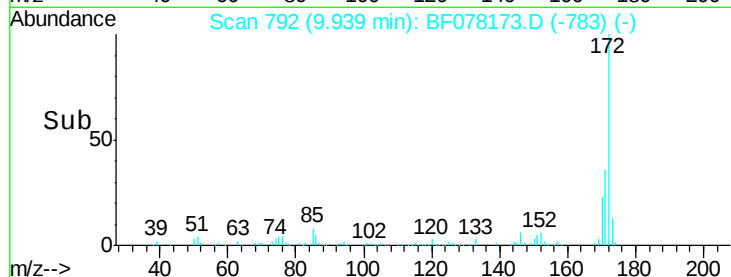
Instrument :
BNA_F
ClientSampleId :
PB82482BSD



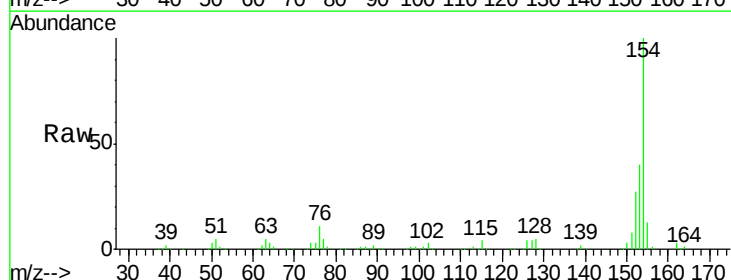
Tot Ion	Ratio	Resp	Lower	Upper
172	100	437098		
171	35.8		28.6	42.8
170	23.3		18.5	27.7

Manual Integrations
APPROVED

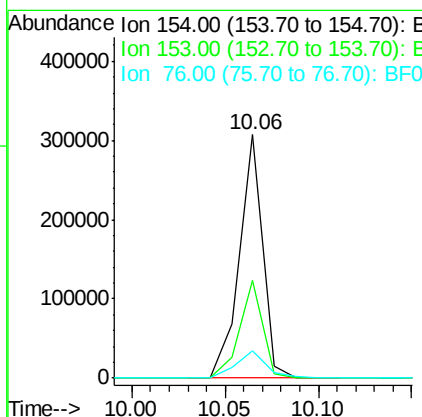
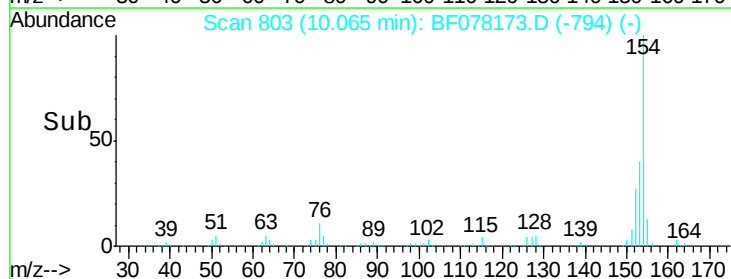
apatel
4/2/2015 5:51:29 PM

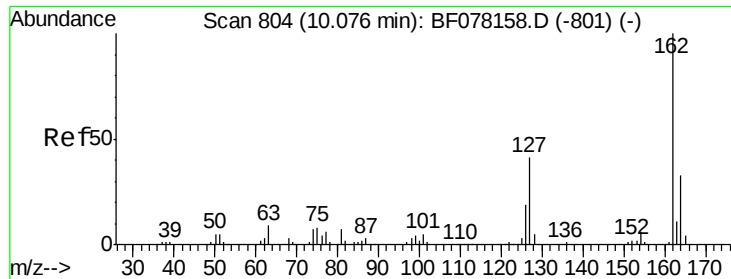


#45
1,1'-Biphenyl
Concen: 43.62 ng
RT: 10.06 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	269062		
153	40.0		20.0	60.0
76	11.1		0.0	30.6





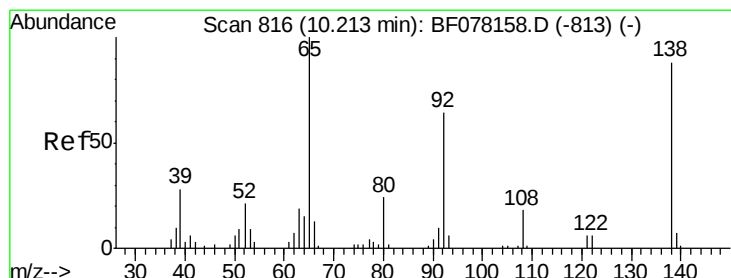
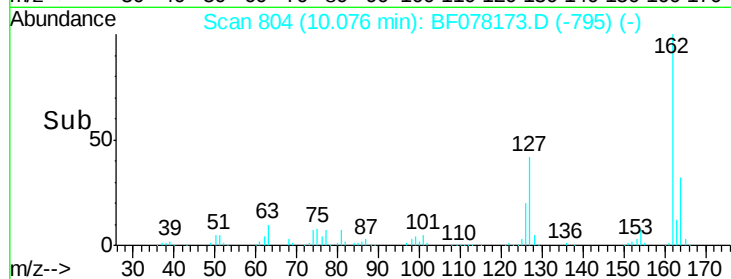
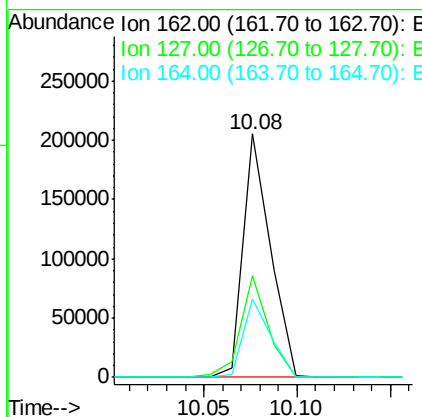
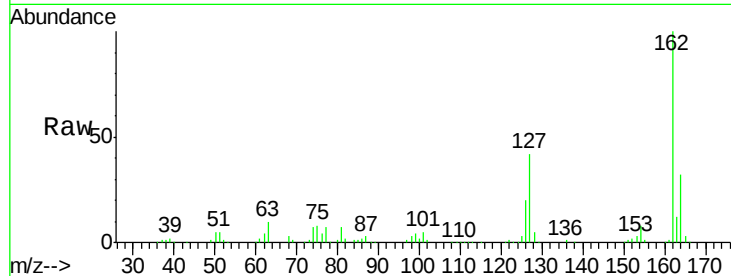
#46
2-Chloronaphthalene
Concen: 43.06 ng
RT: 10.08 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	41.5	32.6	49.0
164	32.2	26.0	39.0

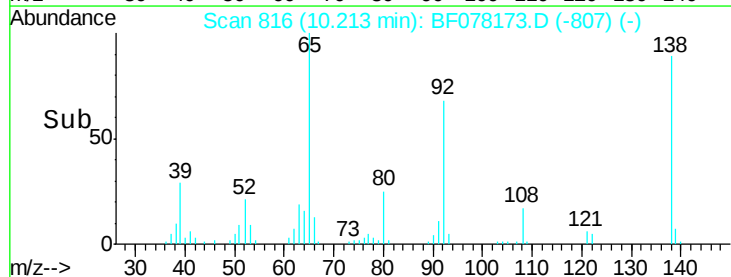
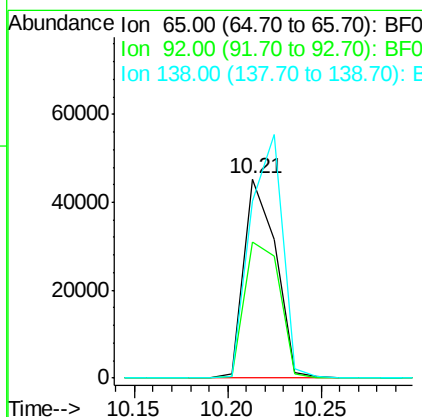
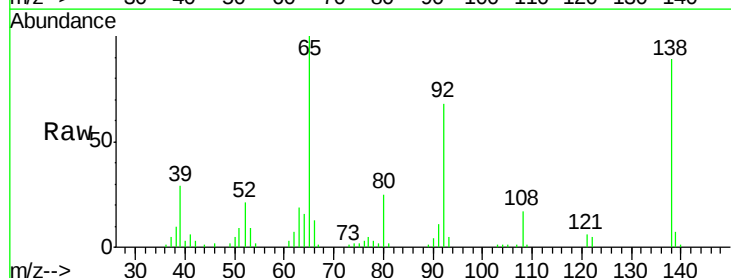
Manual Integrations
APPROVED

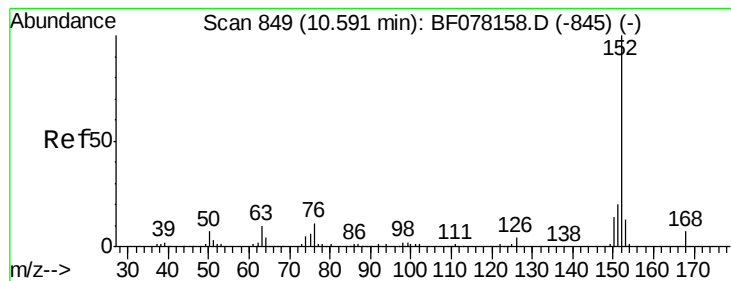
apatel
4/2/2015 5:51:29 PM



#47
2-Nitroaniline
Concen: 45.50 ng
RT: 10.21 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	68.1	51.3	76.9
138	89.0	70.4	105.6





#48

Acenaphthylene

Concen: 42.60 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

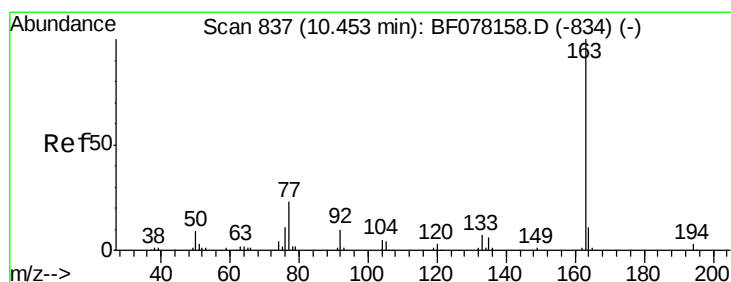
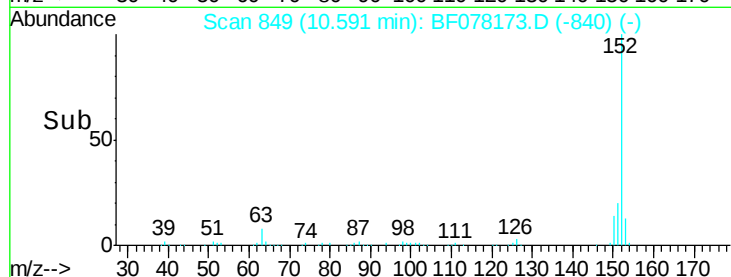
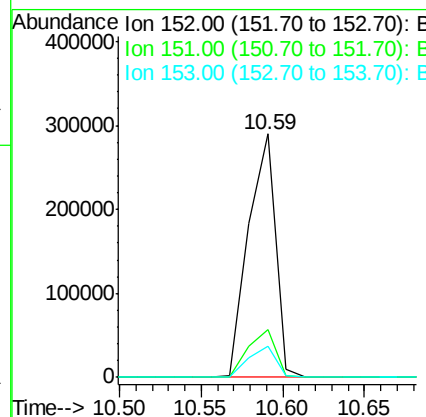
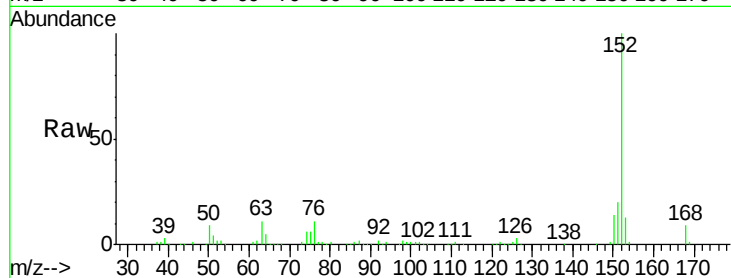
ClientSampleId :

PB82482BSD

Tot Ion:	152	Resp:	333852
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.7	23.5
153	12.8	10.2	15.2

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM



#49

Dimethylphthalate

Concen: 43.63 ng

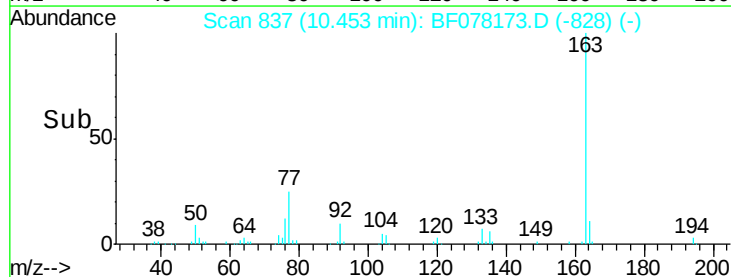
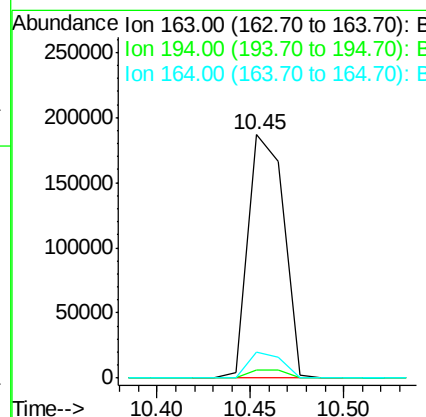
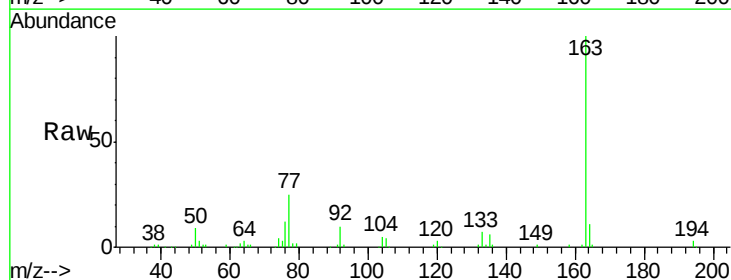
RT: 10.45 min Scan# 837

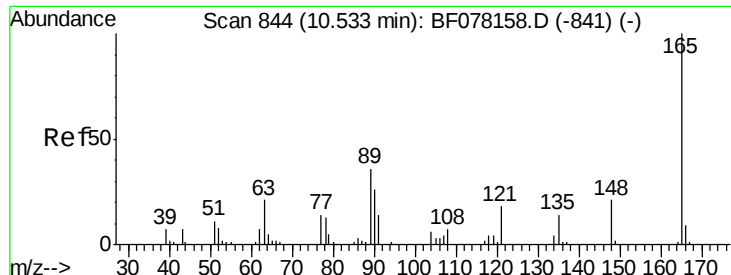
Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Tgt Ion:	163	Resp:	247199
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.3	3.5
164	10.8	8.6	13.0





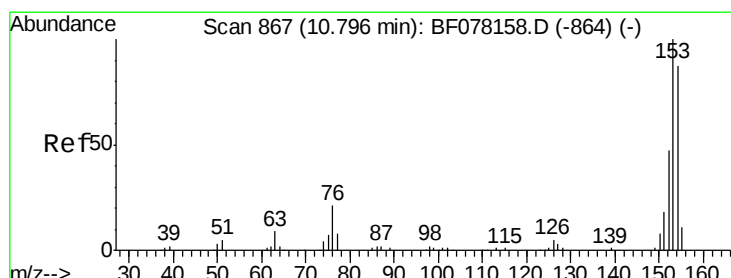
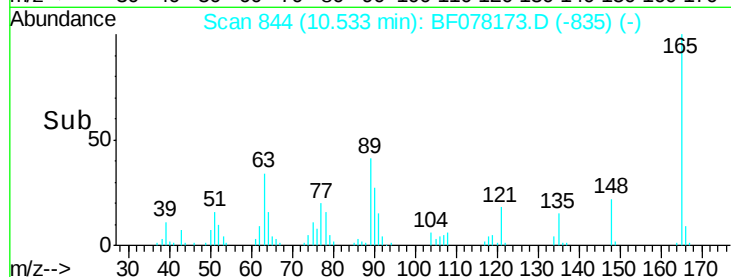
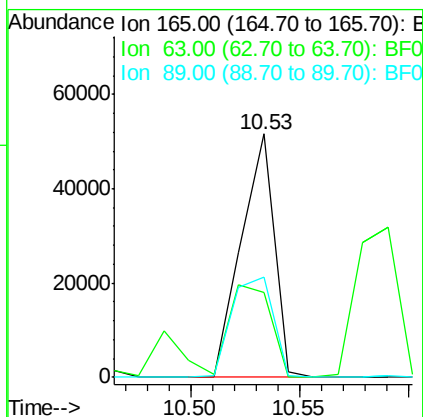
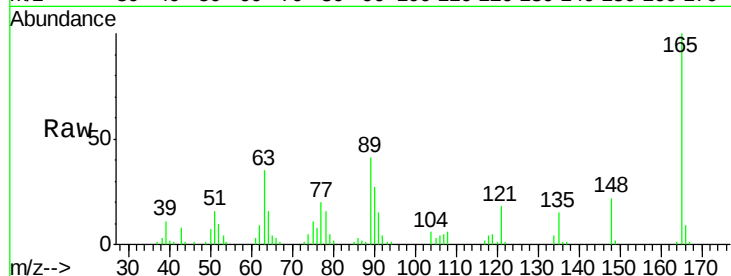
#50
 2,6-Dinitrotoluene
 Concen: 46.76 ng
 RT: 10.53 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	35.0	24.1	36.1
89	41.0	28.9	43.3

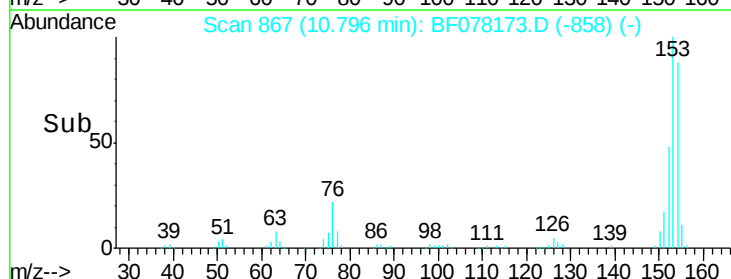
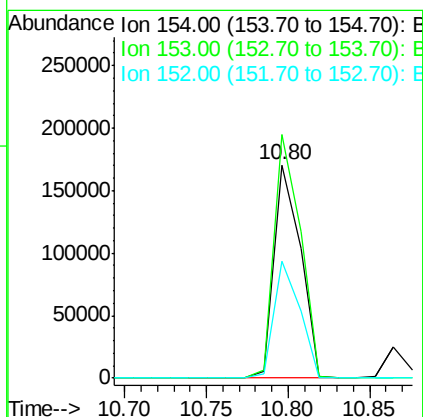
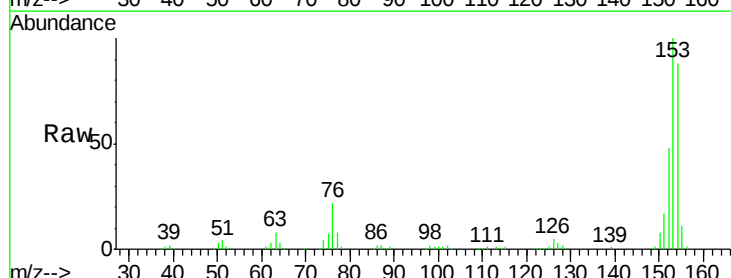
Manual Integrations
 APPROVED

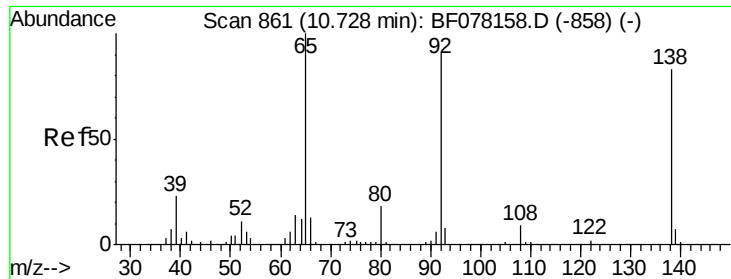
apatel
 4/2/2015 5:51:29 PM



#51
 Acenaphthene
 Concen: 43.62 ng
 RT: 10.80 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.2	91.4	137.2
152	54.6	43.0	64.6





#52

3-Nitroaniline

Concen: 26.48 ng

RT: 10.73 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

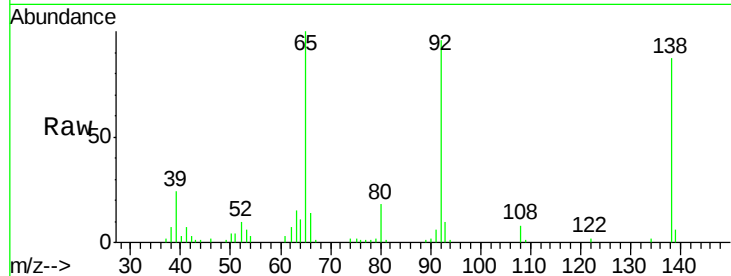
ClientSampleId :

PB82482BSD

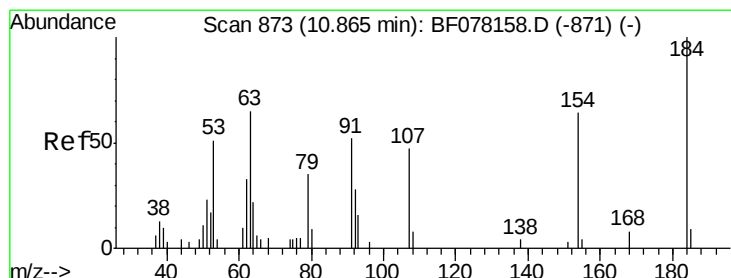
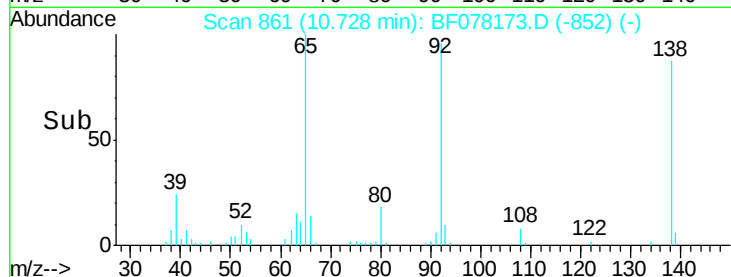
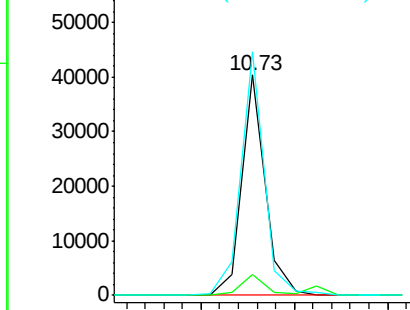
Tot Ion:	138	Resp:	35096
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.2	12.4
92	110.6	88.4	132.6

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM



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: 84.93 ng

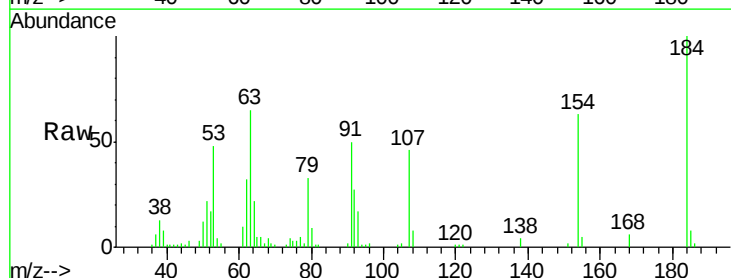
RT: 10.86 min Scan# 873

Delta R.T. 0.00 min

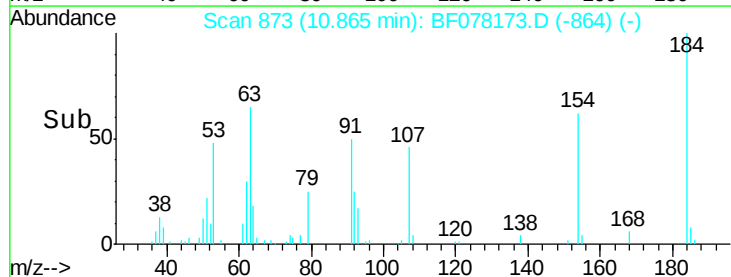
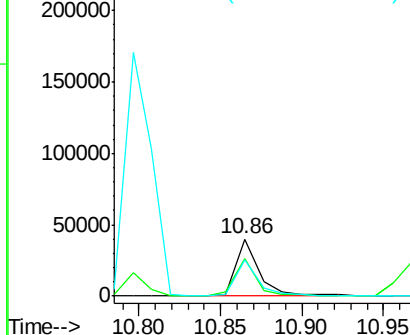
Lab File: BF078173.D

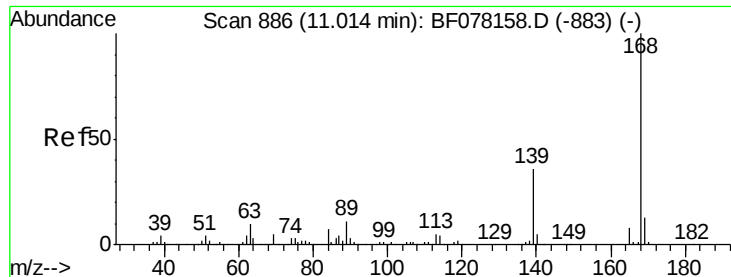
Acq: 2 Apr 2015 1:18

Tgt Ion:	184	Resp:	39675
Ion Ratio	Lower	Upper	
184	100		
63	64.9	51.9	77.9
154	63.0	51.0	76.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E





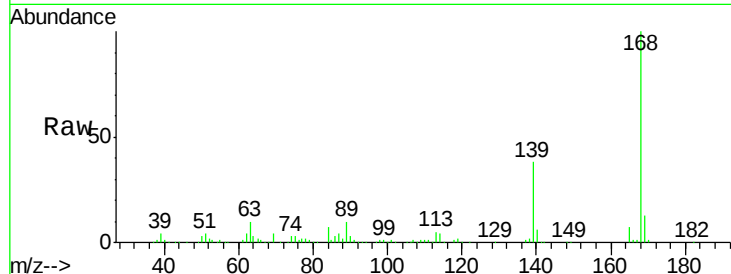
#54
Dibenzenofuran
Concen: 44.25 ng
RT: 11.01 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Resp Lower	Upper
168	100		
139	38.2	31.0	46.4
169	13.3	10.7	16.1

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM

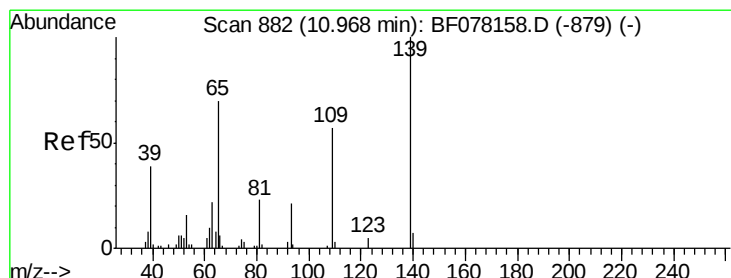
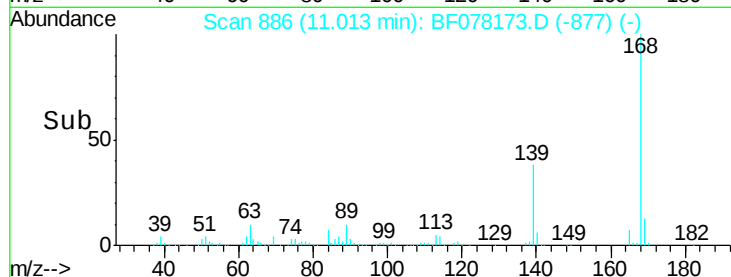
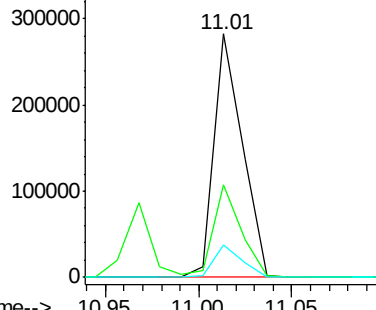


Abundance

Ion 168.00 (167.70 to 168.70): E

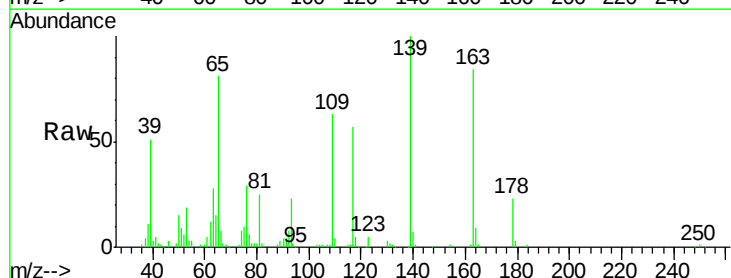
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55
4-Nitrophenol
Concen: 85.41 ng
RT: 10.97 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	63.0	36.7	76.7
65	81.0	49.9	89.9

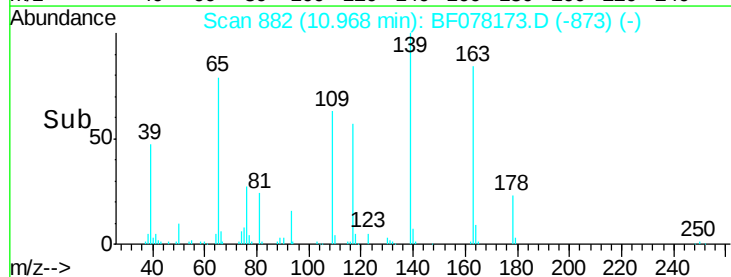
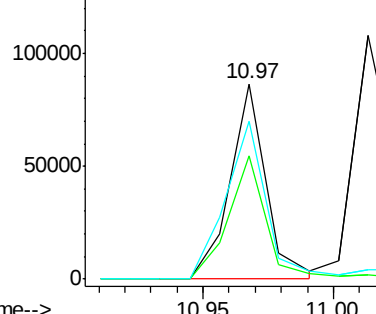


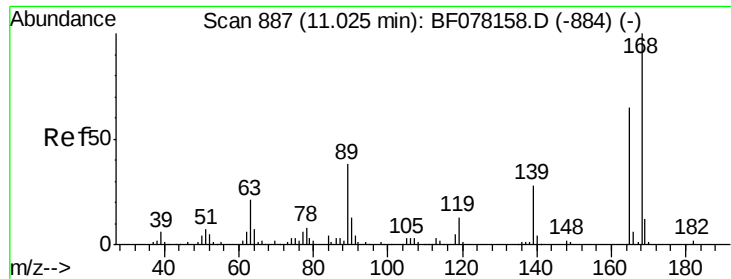
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





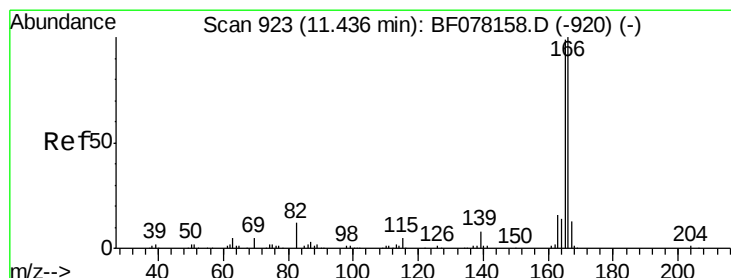
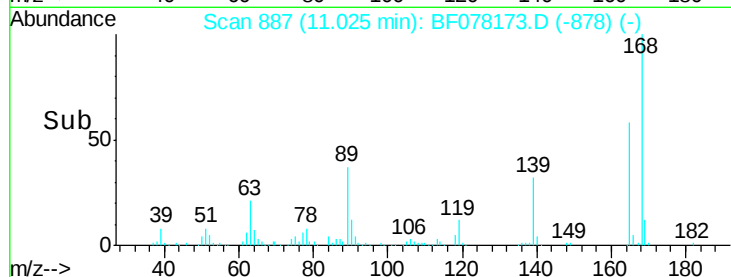
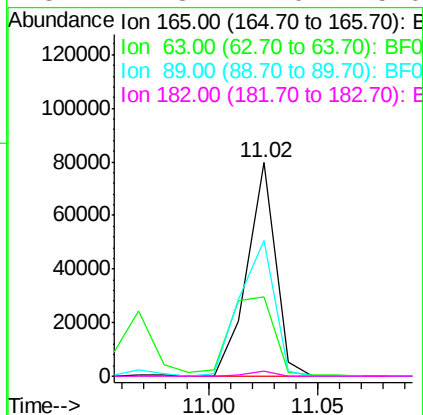
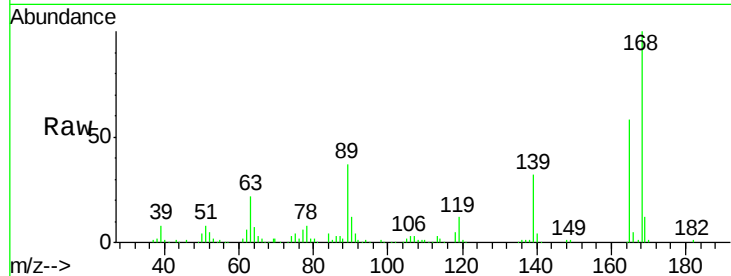
#56
2,4-Dinitrotoluene
Concen: 47.90 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	165	Resp	72302
Ion Ratio	Lower	Upper	
165	100		
63	37.2	26.5	39.7
89	63.6	46.4	69.6
182	2.3	2.0	3.0

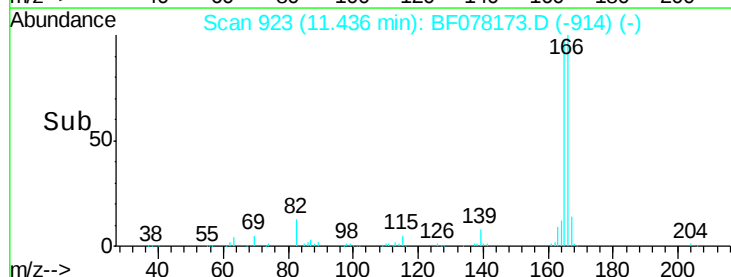
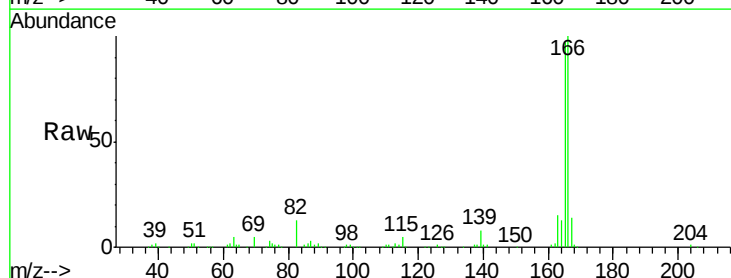
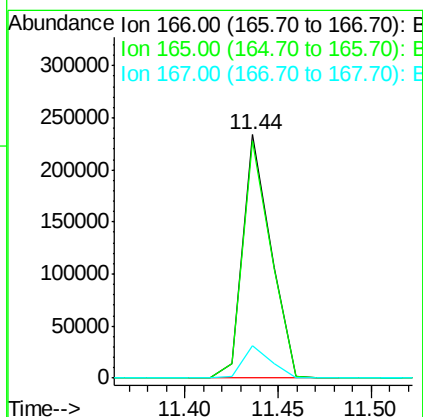
Manual Integrations
APPROVED

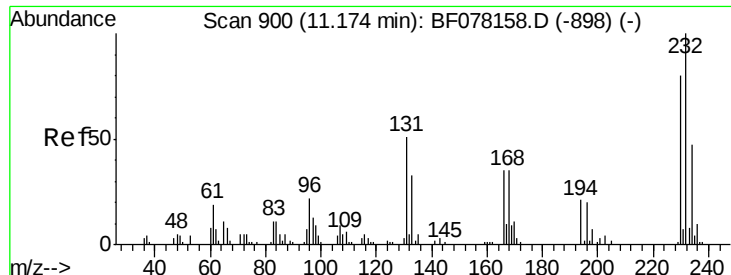
apatel
4/2/2015 5:51:29 PM



#57
Fluorene
Concen: 44.62 ng
RT: 11.44 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	166	Resp	243721
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.9	118.3
167	13.5	10.7	16.1





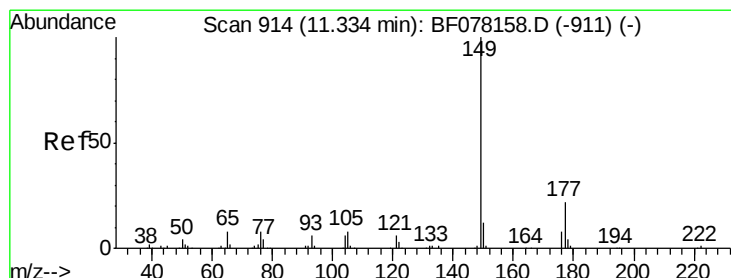
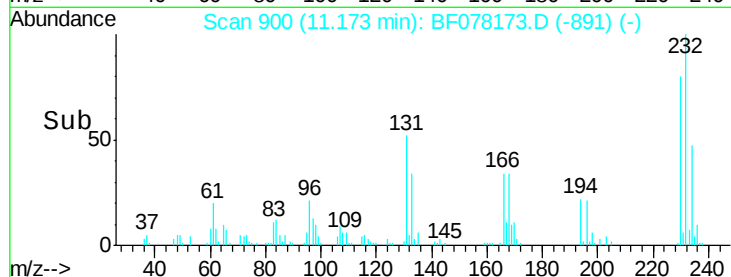
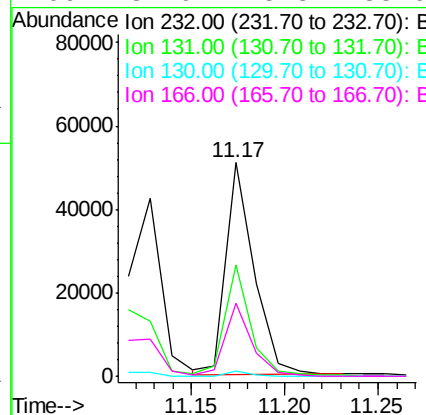
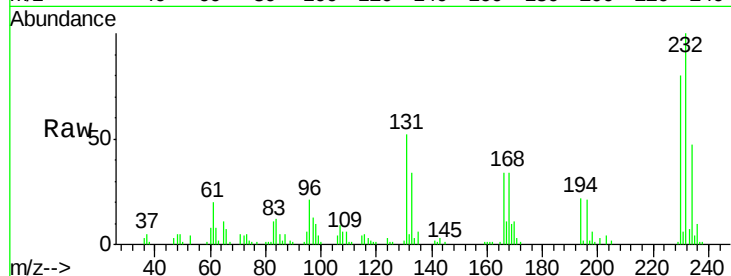
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.19 ng
 RT: 11.17 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tot Ion:	232	Resp:	53859
Ion Ratio	Lower	Upper	
232	100		
131	47.0	37.8	56.8
130	2.0	1.5	2.3
166	32.9	25.8	38.6

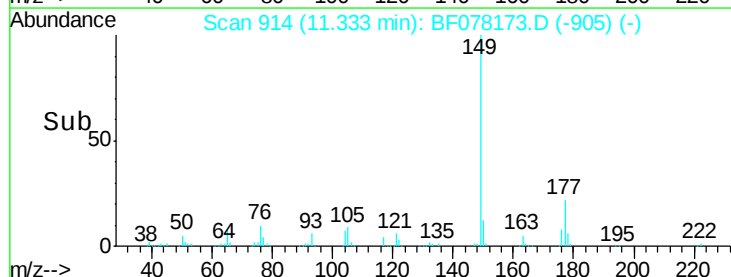
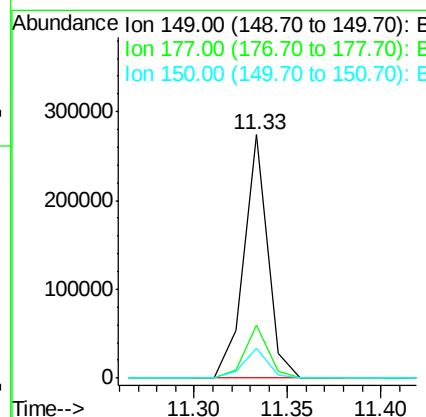
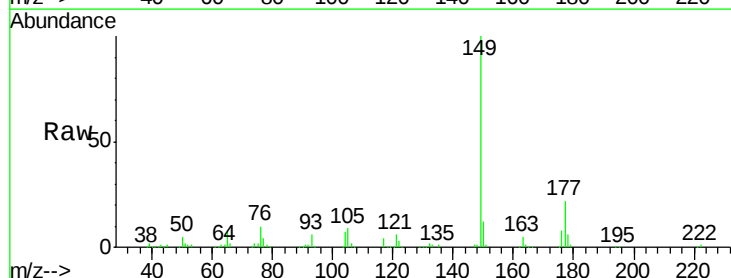
Manual Integrations
 APPROVED

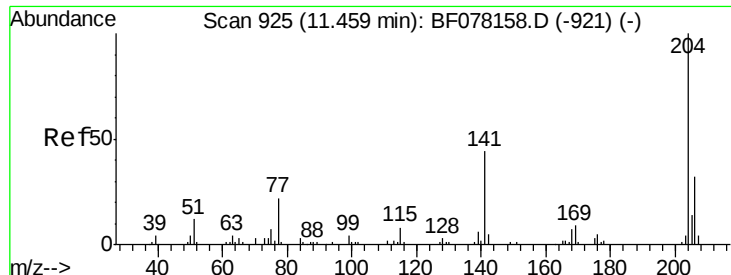
apatel
 4/2/2015 5:51:29 PM



#59
 Diethylphthalate
 Concen: 44.70 ng
 RT: 11.33 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion:	149	Resp:	244186
Ion Ratio	Lower	Upper	
149	100		
177	21.8	17.4	26.2
150	12.2	9.4	14.2





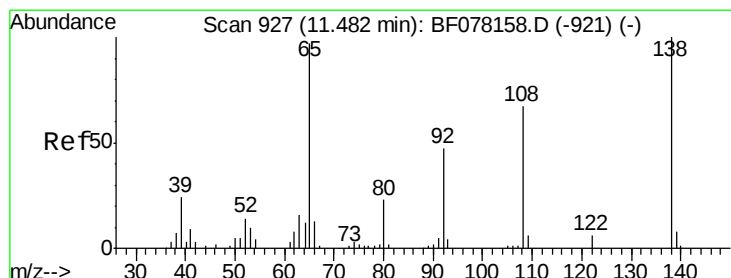
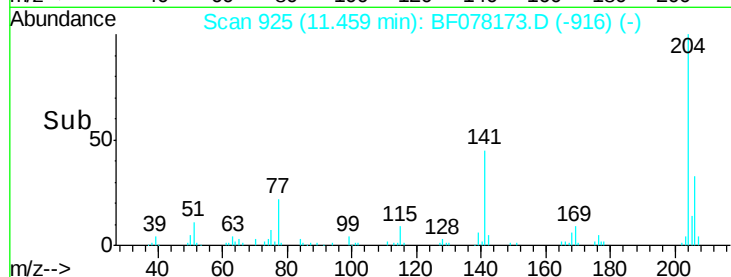
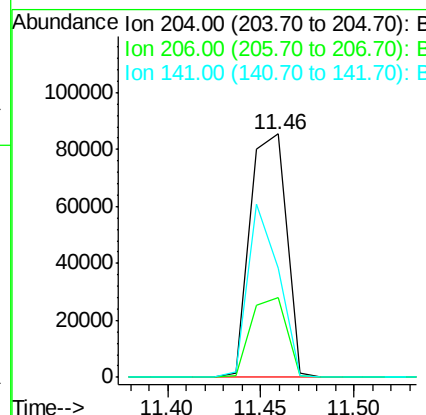
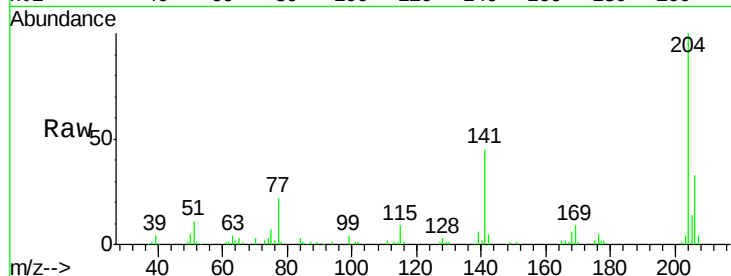
#60
 4-Chlorophenyl-phenylether
 Concen: 45.95 ng
 RT: 11.46 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.6	38.4
141	44.9	35.4	53.0

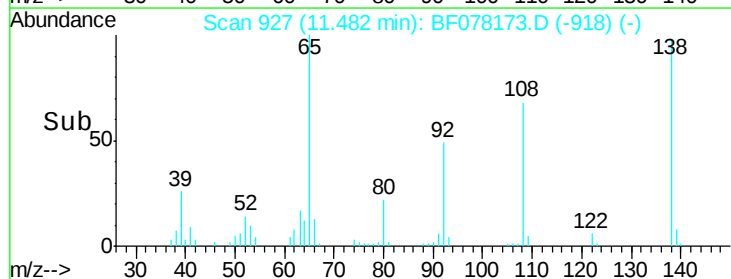
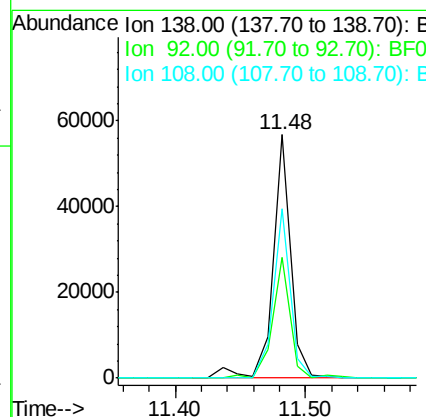
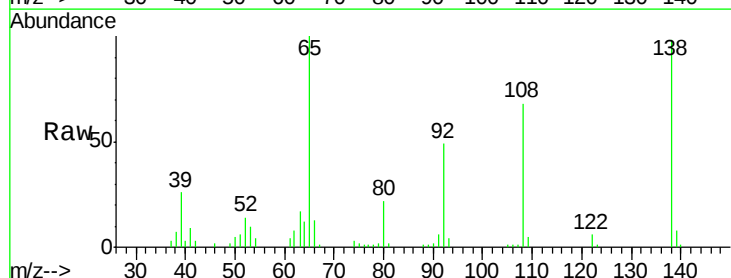
Manual Integrations
 APPROVED

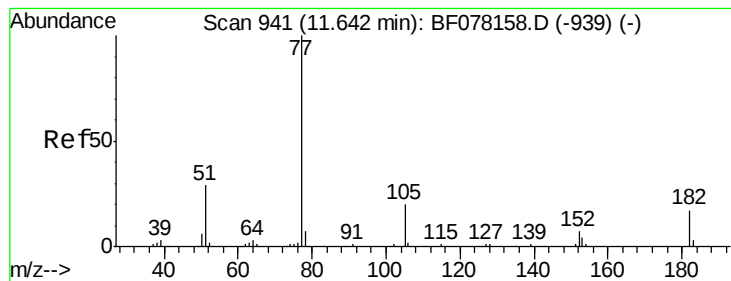
apatel
 4/2/2015 5:51:29 PM



#61
 4-Nitroaniline
 Concen: 40.59 ng
 RT: 11.48 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.4	27.3	67.3
108	69.3	47.2	87.2





#62

Azobenzene

Concen: 46.17 ng

RT: 11.64 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

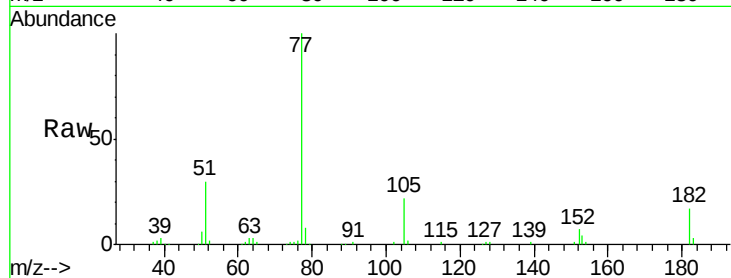
ClientSampleId :

PB82482BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		230168		
182	17.1	0.0	36.8		
105	21.8	0.3	40.3		
51	29.5	9.1	49.1		

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM

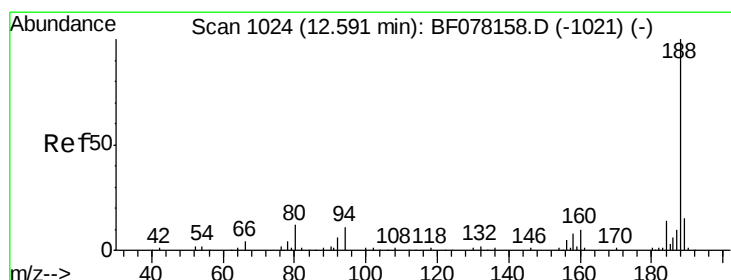
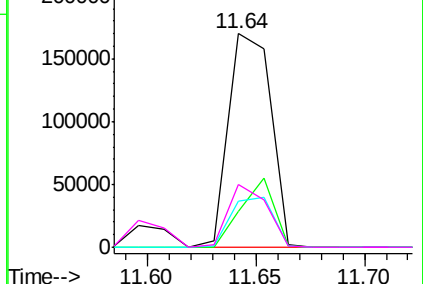
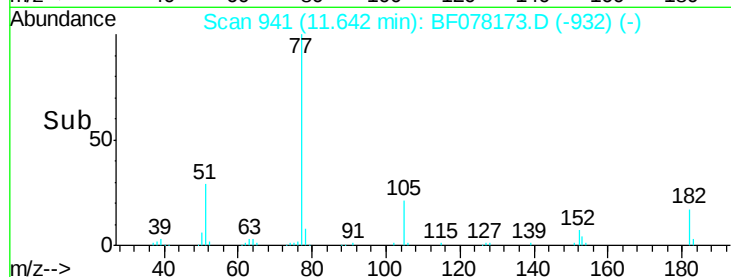


Abundance Ion 77.00 (76.70 to 77.70): BF078173.D (-932) (-)

Ion 182.00 (181.70 to 182.70): BF078173.D (-932) (-)

Ion 105.00 (104.70 to 105.70): BF078173.D (-932) (-)

Ion 51.00 (50.70 to 51.70): BF078173.D (-932) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

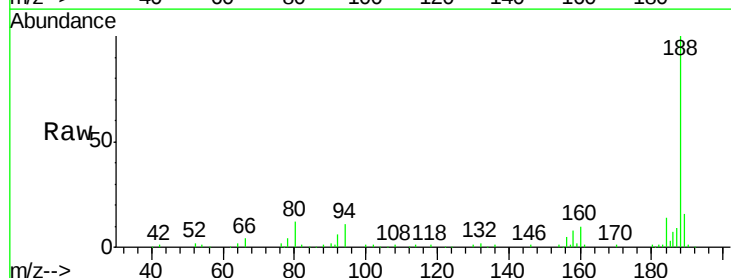
RT: 12.59 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

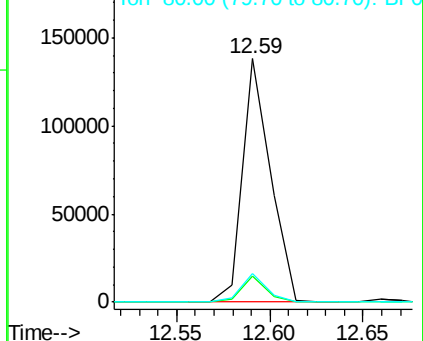
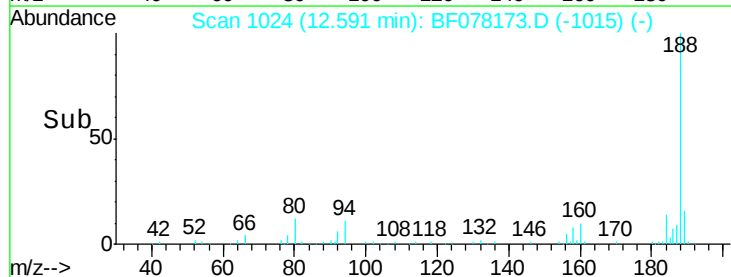
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		143800		
94	10.9	9.0	13.4		
80	11.6	9.5	14.3		

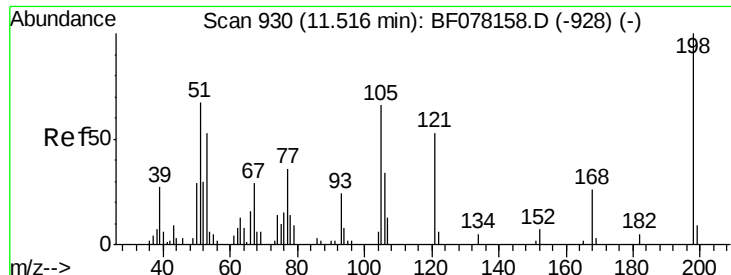


Abundance Ion 188.00 (187.70 to 188.70): BF078173.D (-1015) (-)

Ion 94.00 (93.70 to 94.70): BF078173.D (-1015) (-)

Ion 80.00 (79.70 to 80.70): BF078173.D (-1015) (-)





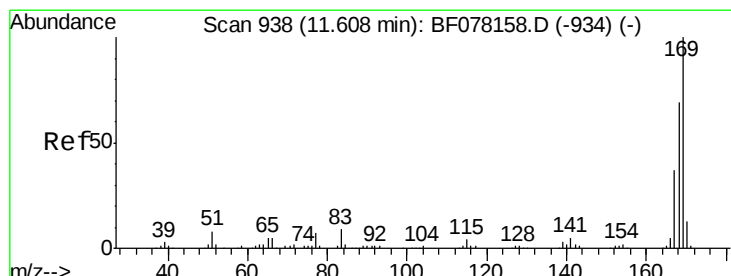
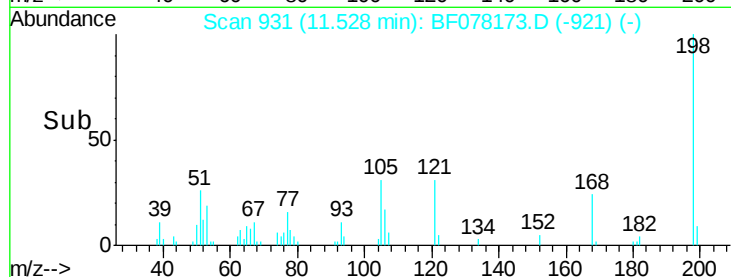
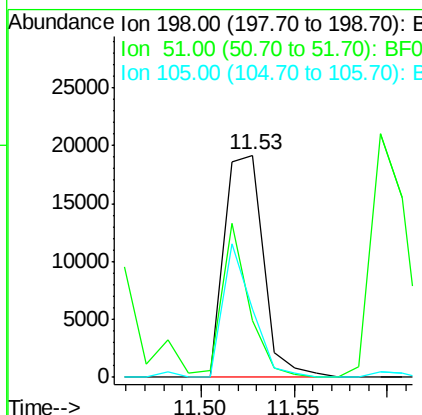
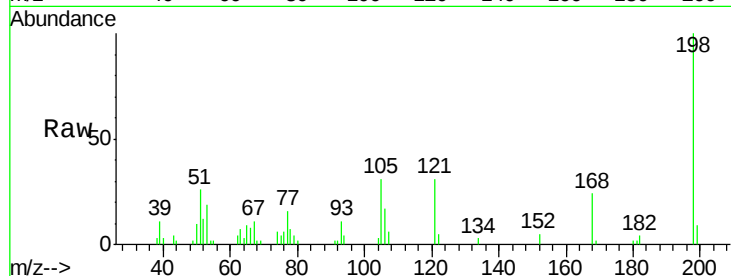
#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.94 ng
 RT: 11.53 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	28127		
51	25.8	48.6	88.6#	
105	30.7	45.8	85.8#	

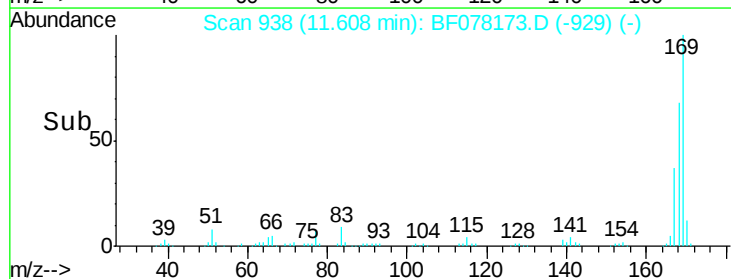
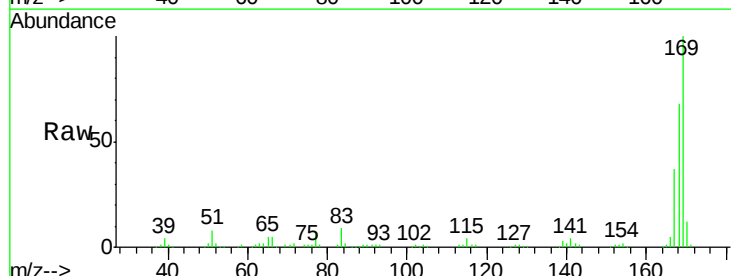
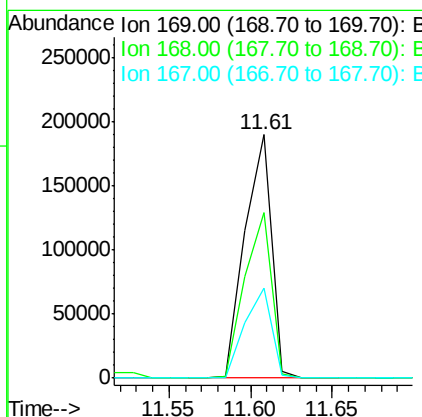
Manual Integrations
 APPROVED

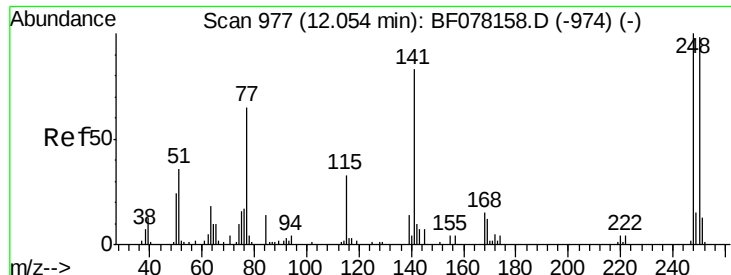
apatel
 4/2/2015 5:51:29 PM



#65
 n-Nitrosodiphenylamine
 Concen: 43.02 ng
 RT: 11.61 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	213970		
168	67.8	55.0	82.4	
167	37.0	29.3	43.9	





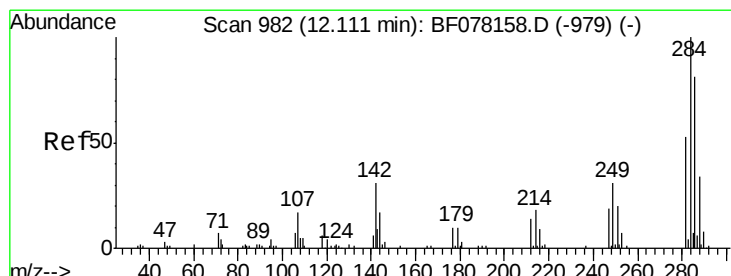
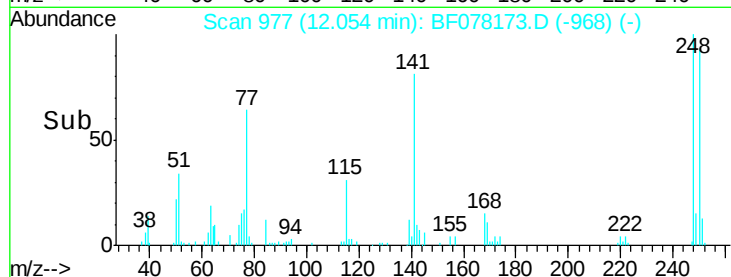
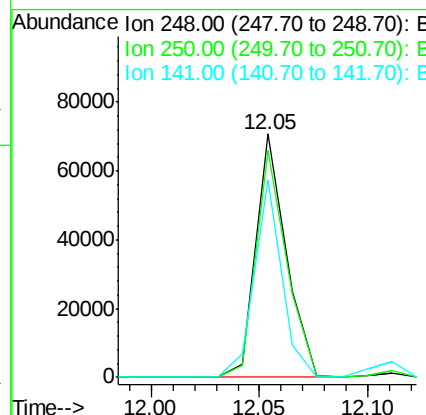
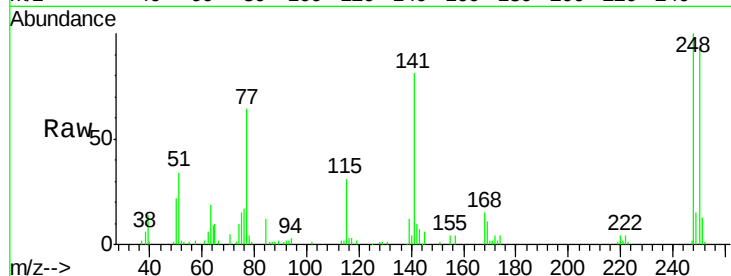
#66
 4-Bromophenyl-phenylether
 Concen: 44.98 ng
 RT: 12.05 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.0	78.2	117.2
141	81.2	66.4	99.6

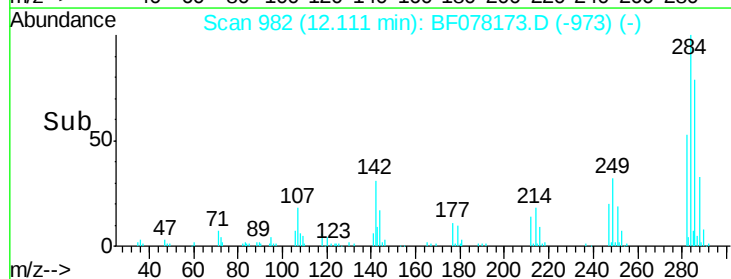
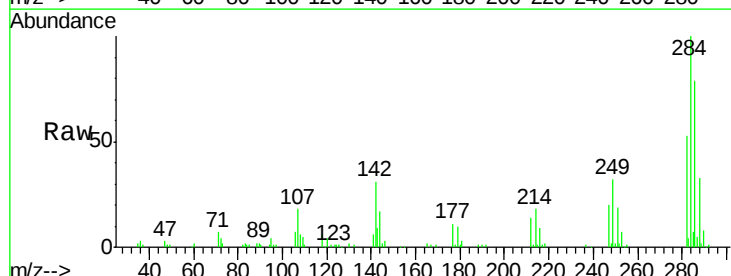
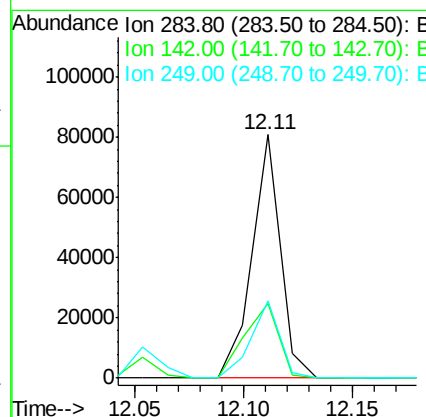
Manual Integrations
 APPROVED

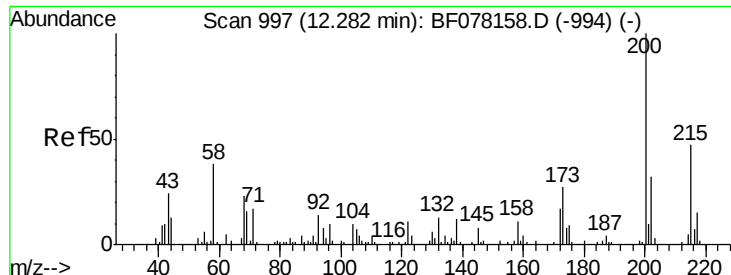
apatel
 4/2/2015 5:51:29 PM



#67
 Hexachlorobenzene
 Concen: 43.76 ng
 RT: 12.11 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	24.5	36.7
249	31.5	24.8	37.2





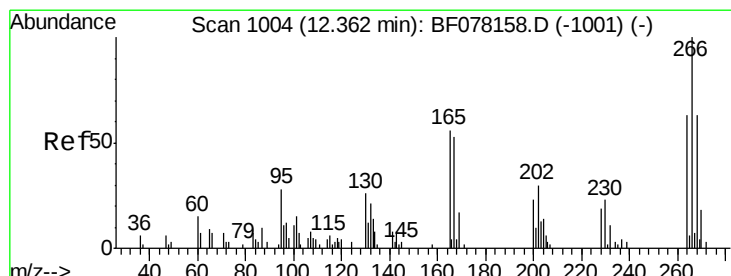
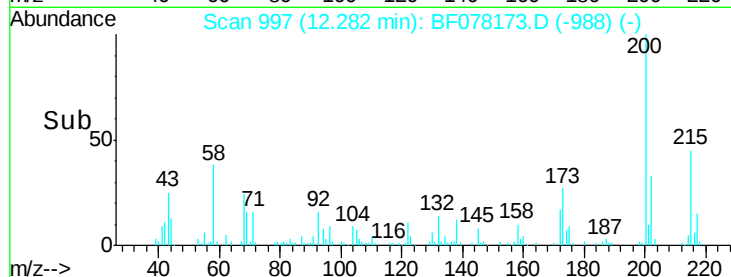
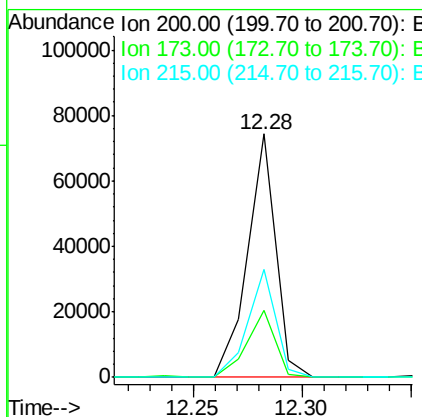
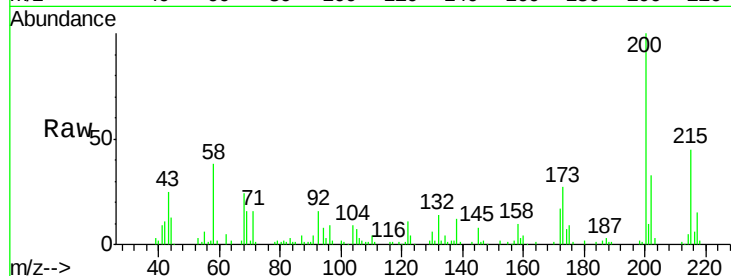
#68
Atrazine
Concen: 46.35 ng
RT: 12.28 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.4	6.9	46.9
215	44.5	27.1	67.1

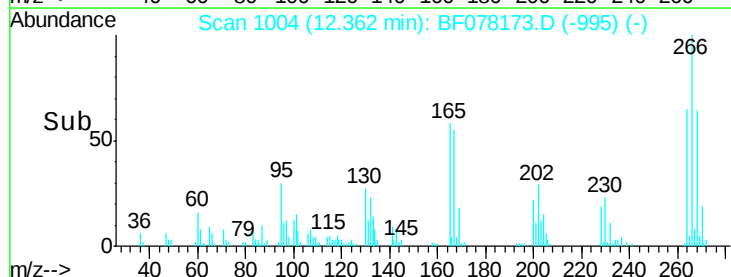
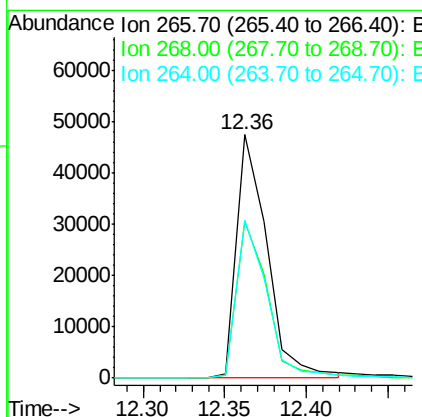
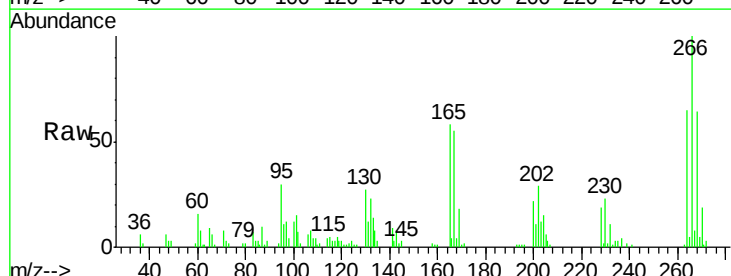
Manual Integrations
APPROVED

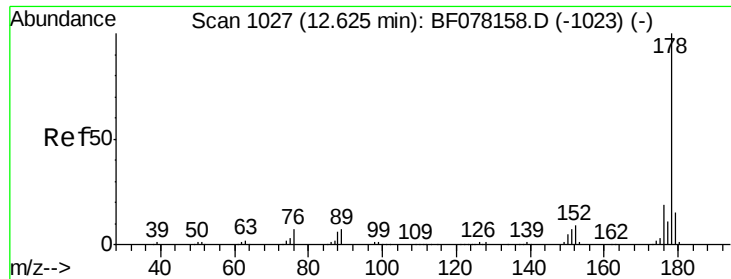
apatel
4/2/2015 5:51:29 PM



#69
Pentachlorophenol
Concen: 82.81 ng
RT: 12.36 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	50.1	75.1
264	65.0	50.0	75.0





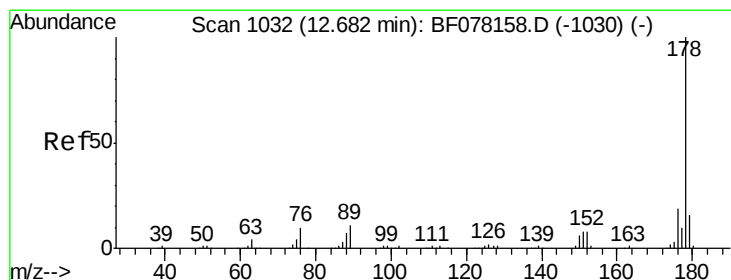
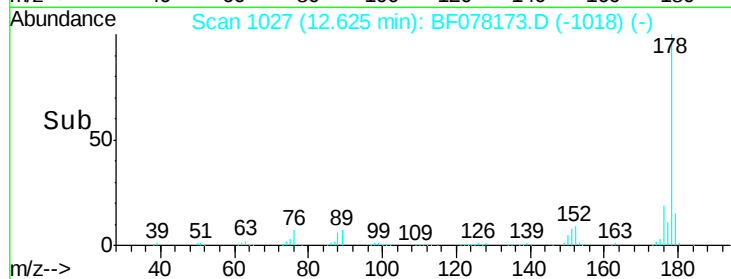
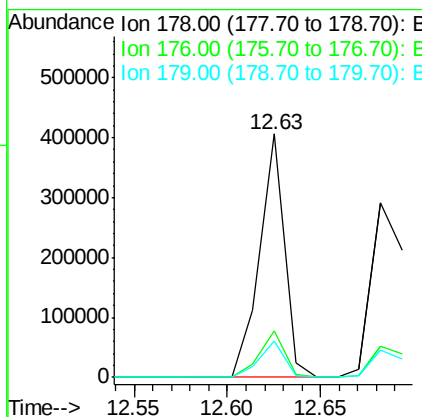
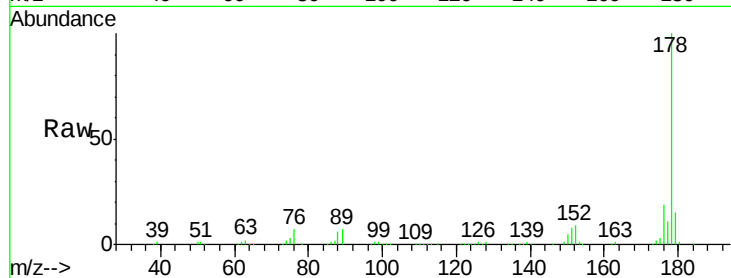
#70
Phenanthrene
Concen: 44.82 ng
RT: 12.63 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		372783		
176	19.2	15.4	23.0		
179	14.8	12.2	18.2		

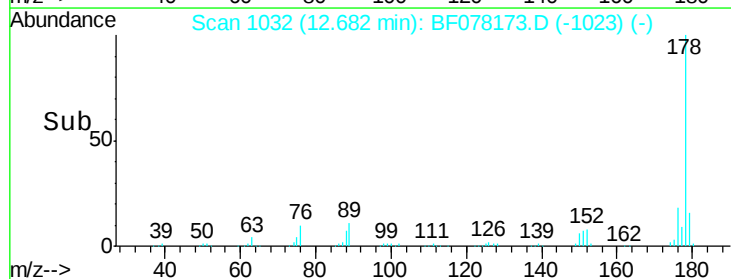
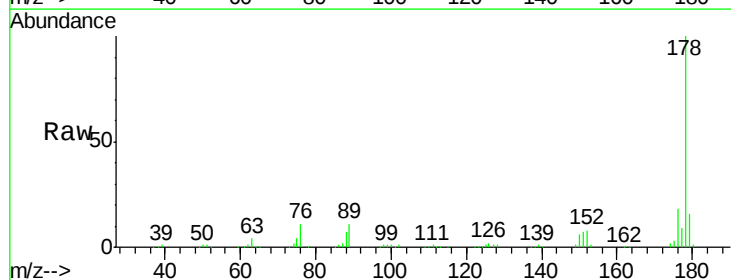
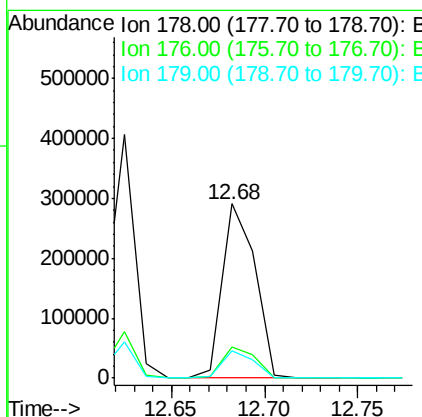
Manual Integrations
APPROVED

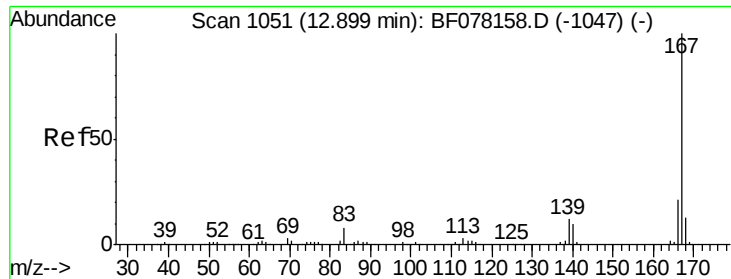
apatel
4/2/2015 5:51:29 PM



#71
Anthracene
Concen: 43.57 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		357140		
176	18.0	14.8	22.2		
179	15.8	12.4	18.6		





#72

Carbazole

Concen: 44.86 ng

RT: 12.90 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

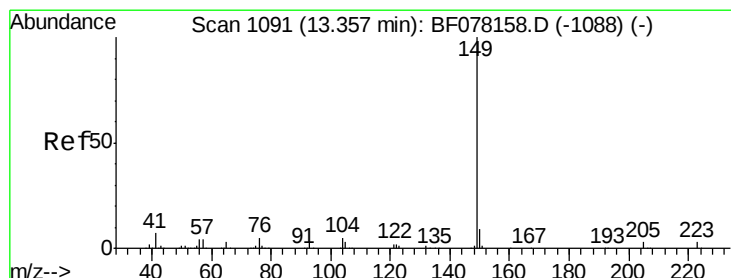
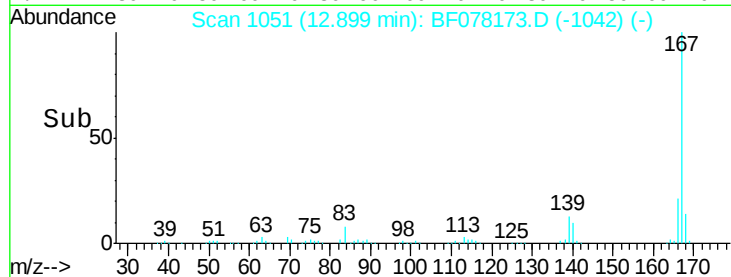
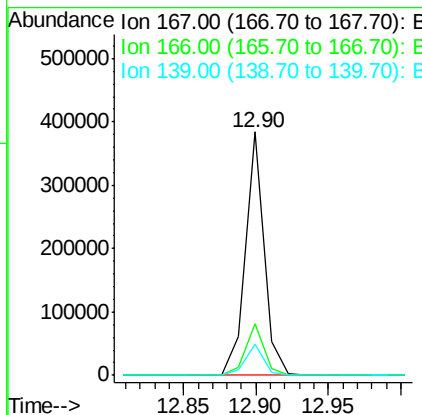
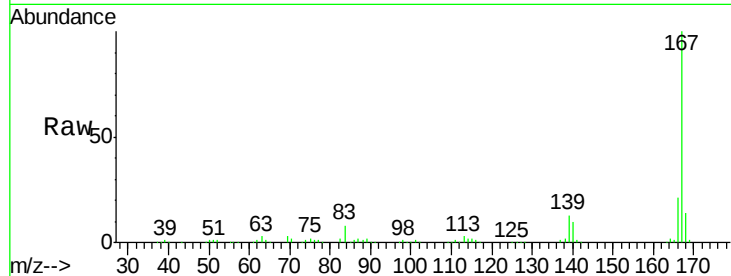
ClientSampleId :

PB82482BSD

Tot Ion:	167	Resp:	344629
Ion Ratio	Lower	Upper	
167	100		
166	21.4	16.8	25.2
139	13.0	10.0	15.0

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM



#73

Di-n-butylphthalate

Concen: 44.73 ng

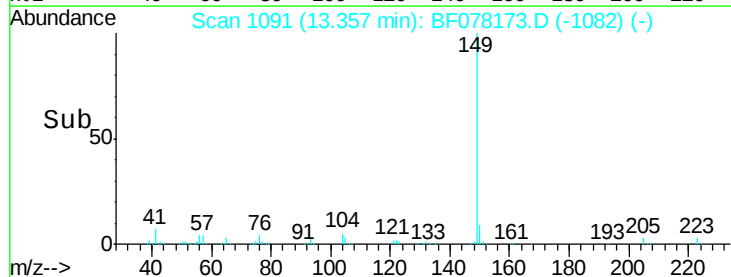
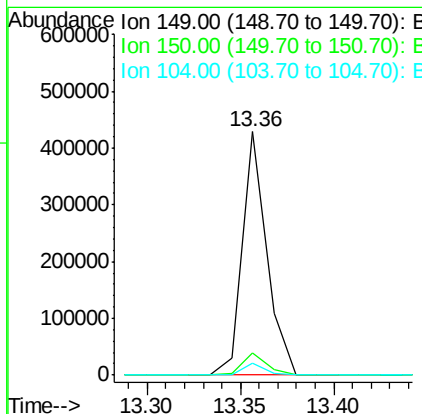
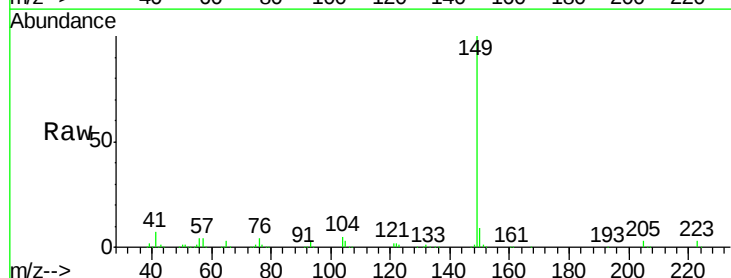
RT: 13.36 min Scan# 1091

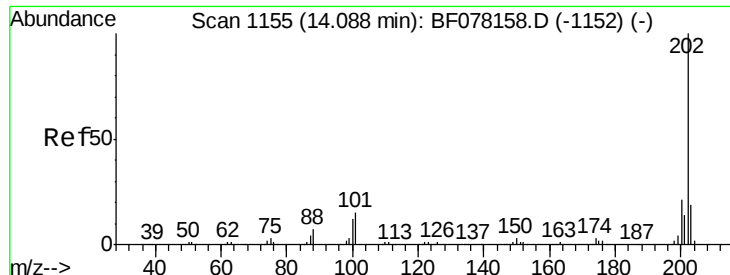
Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Tgt Ion:	149	Resp:	389261
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.1	10.7
104	4.7	3.8	5.6





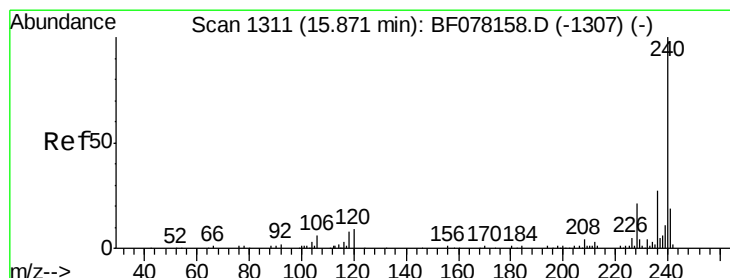
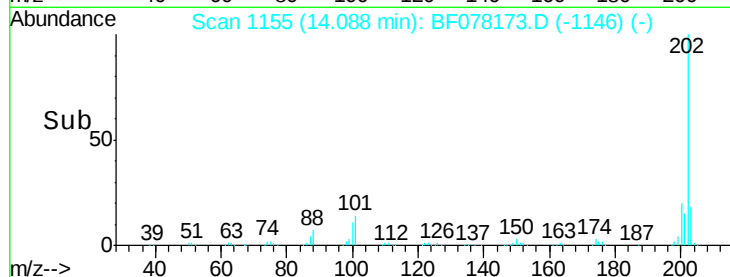
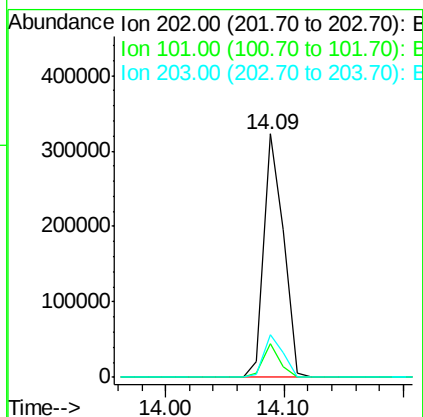
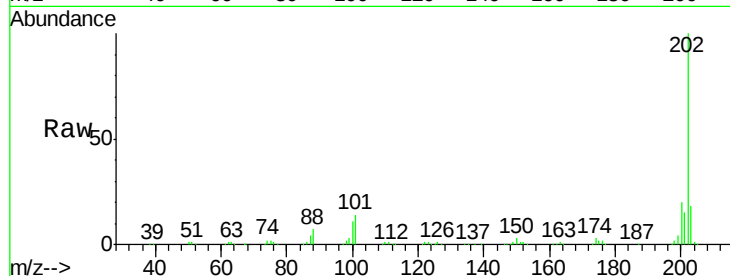
#74
 Fluoranthene
 Concen: 42.88 ng
 RT: 14.09 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.0	0.0	35.2
203	17.5	0.0	38.5

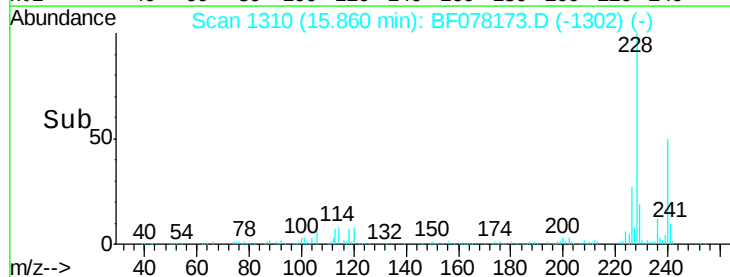
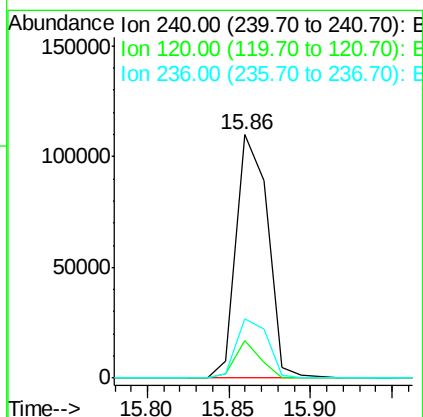
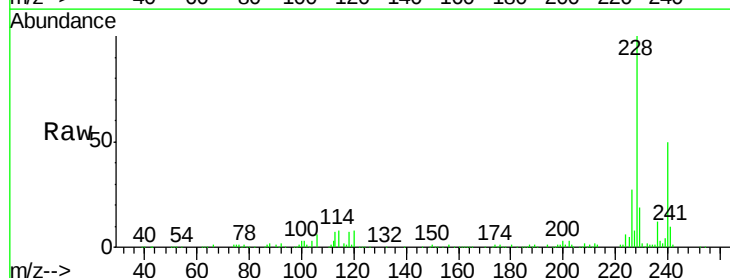
Manual Integrations
 APPROVED

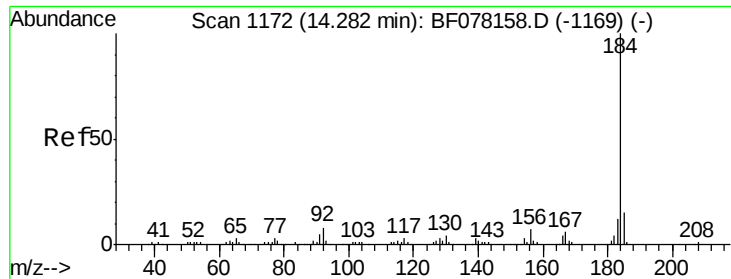
apatel
 4/2/2015 5:51:29 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.86 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.4	7.1	10.7#
236	24.6	21.4	32.2





#76

Benzidine

Concen: 24.66 ng

RT: 14.28 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

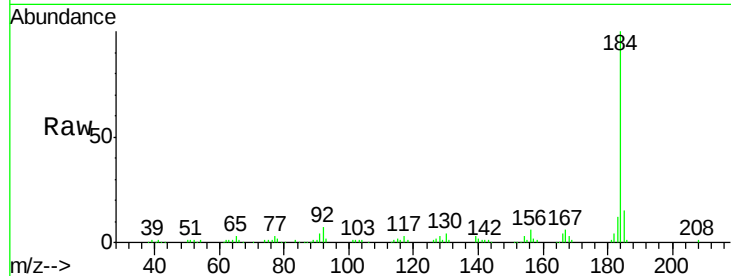
ClientSampleId :

PB82482BSD

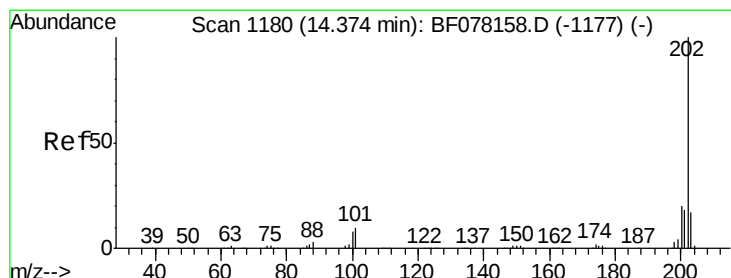
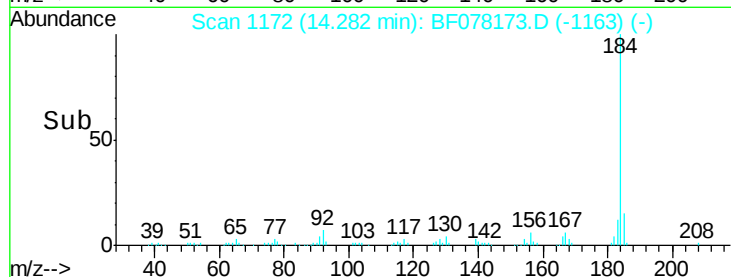
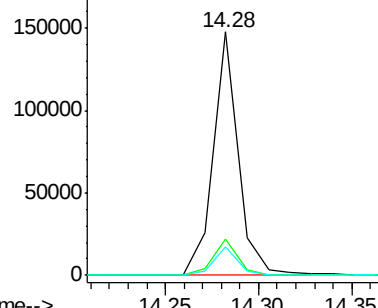
Tot Ion:	184	Resp:	138856
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	11.9	9.5	14.3

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM



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: 44.17 ng

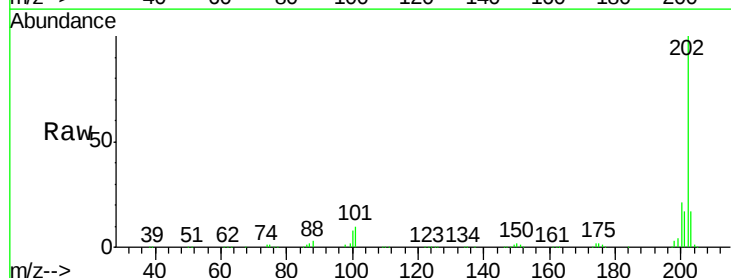
RT: 14.37 min Scan# 1180

Delta R.T. -0.00 min

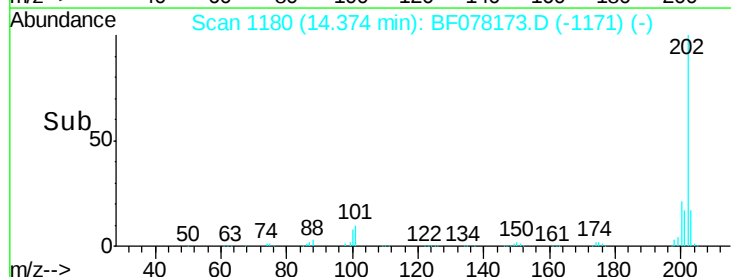
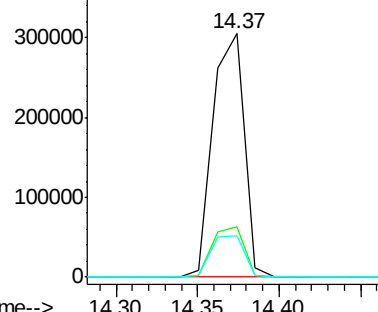
Lab File: BF078173.D

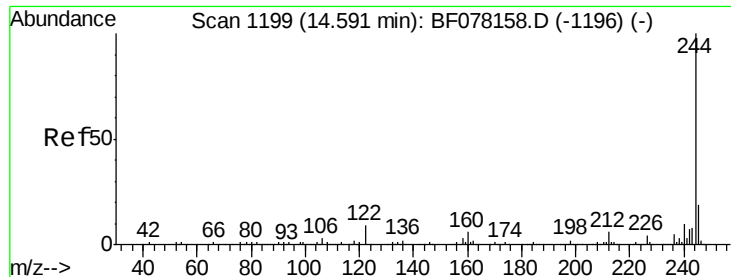
Acq: 2 Apr 2015 1:18

Tgt Ion:	202	Resp:	405408
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.3	24.5
203	16.8	13.8	20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 81.31 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

Instrument :

BNA_F

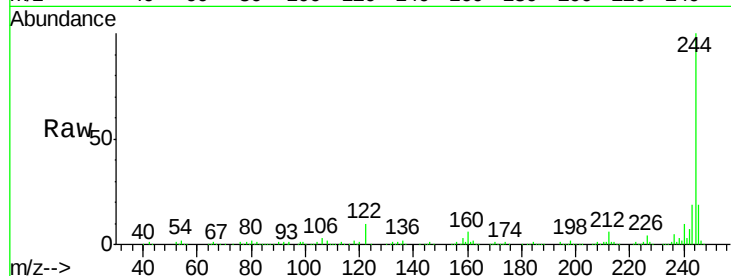
ClientSampleId :

PB82482BSD

Tot Ion:	244	Resp:	526101
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.0	7.4
122	9.6	7.1	10.7

Manual Integrations
APPROVED

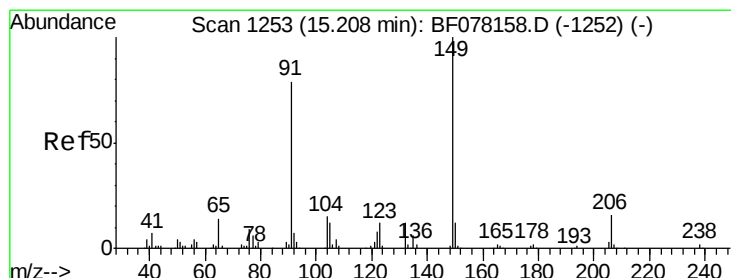
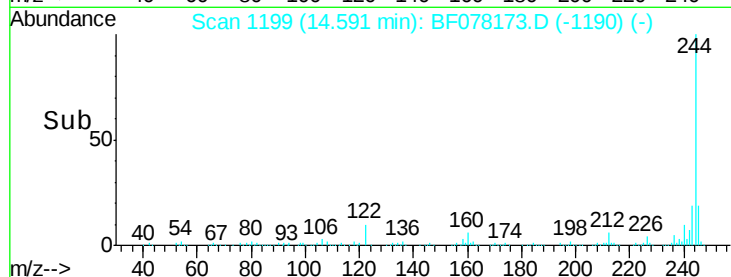
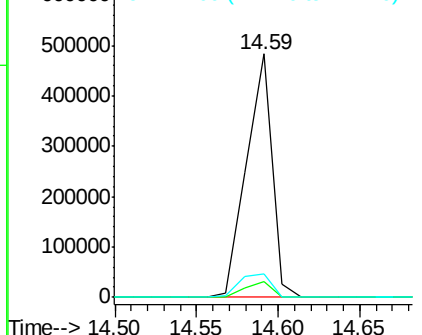
apatel
4/2/2015 5:51:29 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 48.00 ng

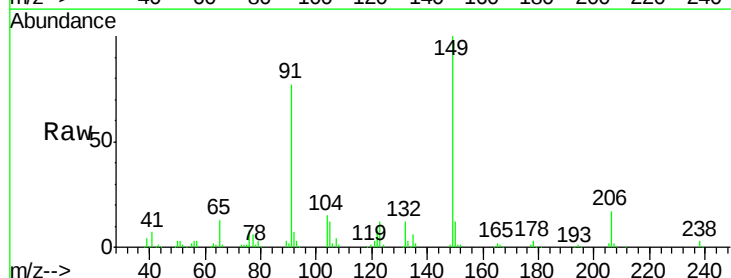
RT: 15.21 min Scan# 1253

Delta R.T. -0.00 min

Lab File: BF078173.D

Acq: 2 Apr 2015 1:18

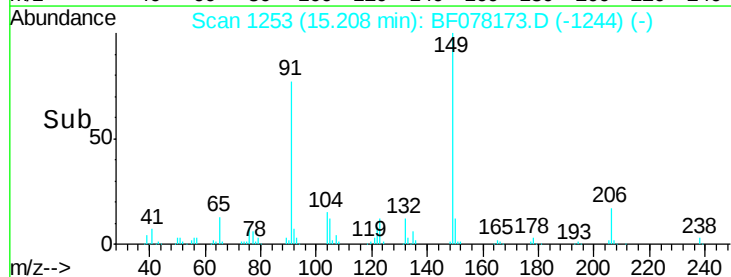
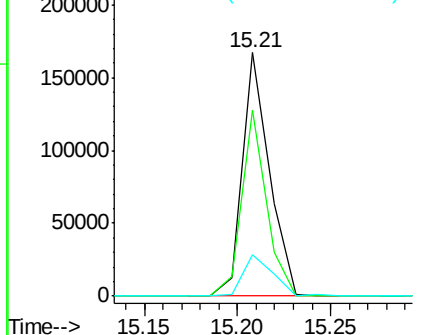
Tgt Ion:	149	Resp:	167929
Ion Ratio	Lower	Upper	
149	100		
91	76.5	64.2	96.2
206	17.0	12.6	18.8

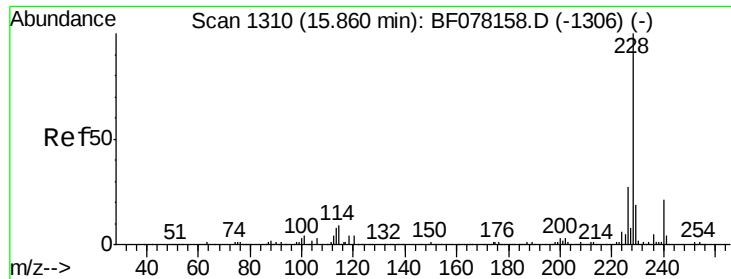


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





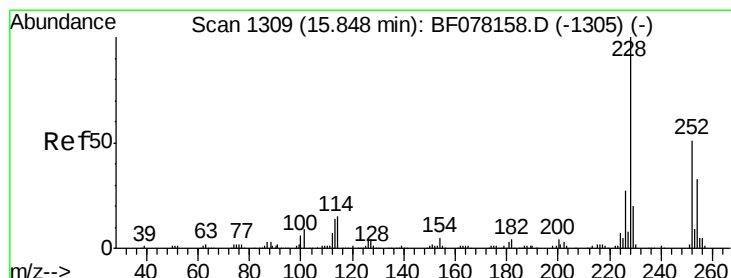
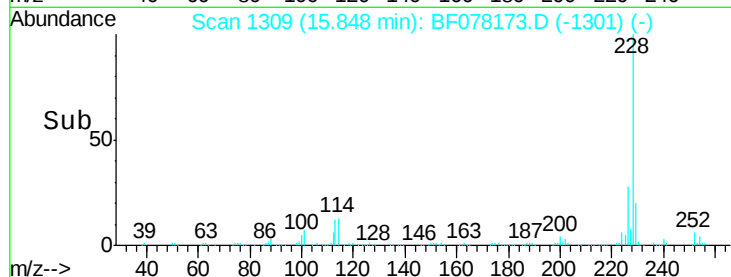
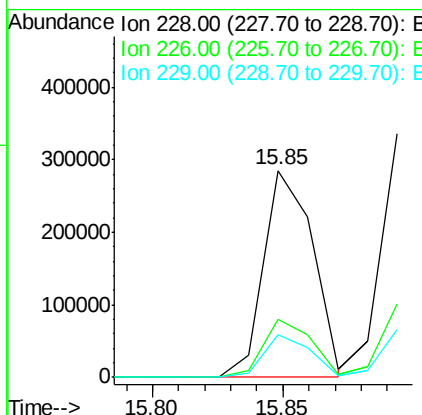
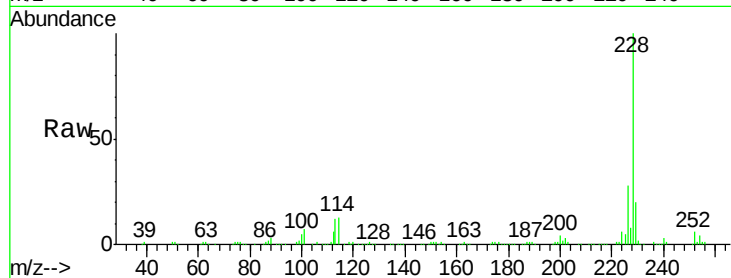
#80
Benzo(a)anthracene
Concen: 43.28 ng
RT: 15.85 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.3	31.9
229	20.4	15.4	23.2

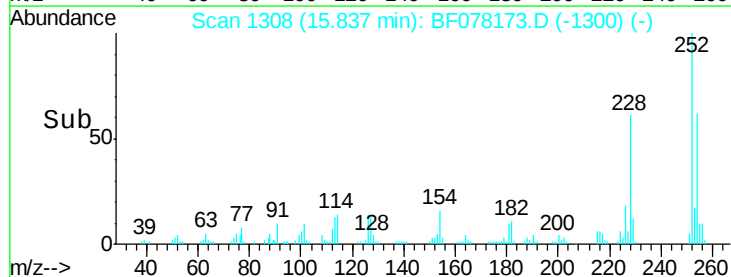
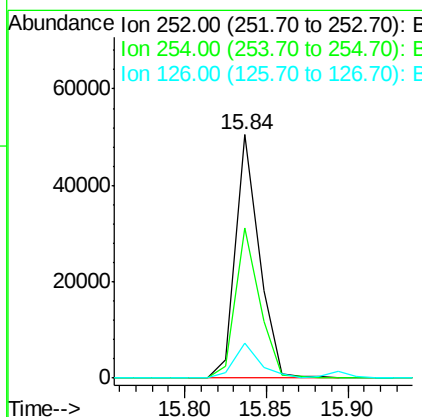
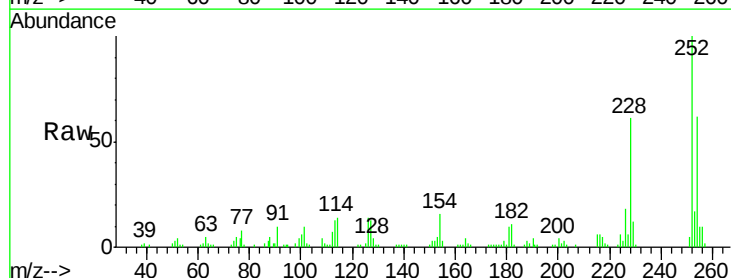
Manual Integrations
APPROVED

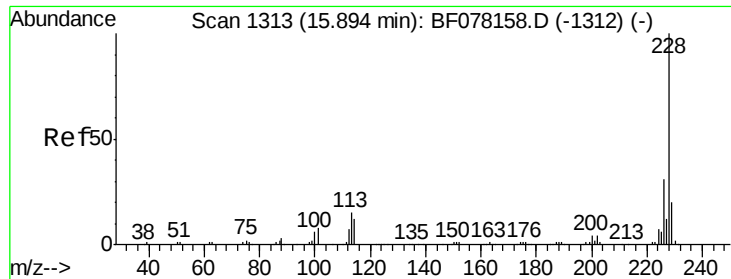
apatel
4/2/2015 5:51:29 PM



#81
3,3'-Dichlorobenzidine
Concen: 17.47 ng
RT: 15.84 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.7	51.2	76.8
126	14.2	6.3	9.5#





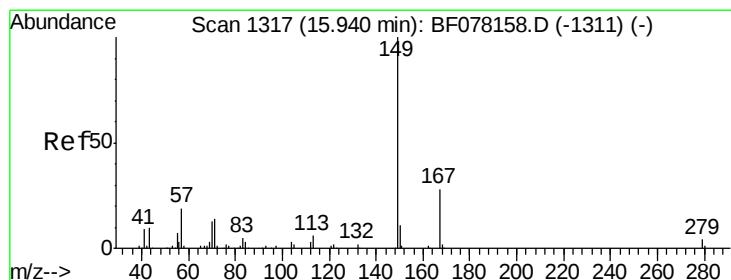
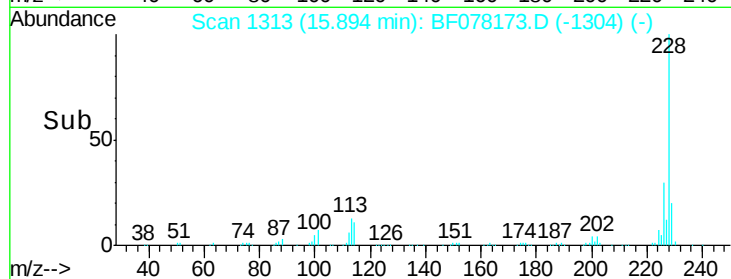
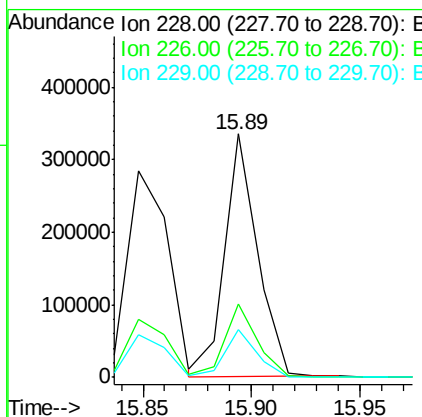
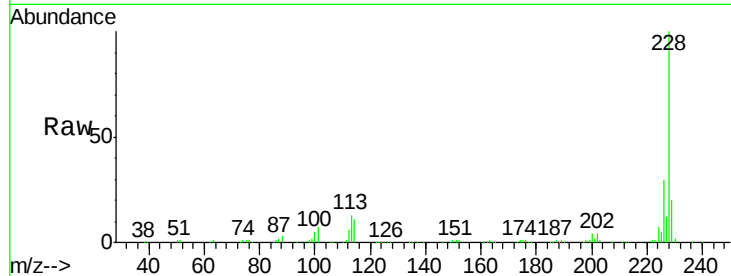
#82
 Chrysene
 Concen: 42.87 ng
 RT: 15.89 min Scan# 1313
 Delta R.T. -0.00 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Instrument :
 BNA_F
 ClientSampleId :
 PB82482BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	19.8	15.8	23.8

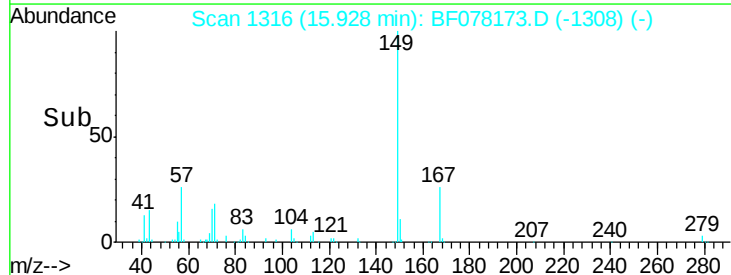
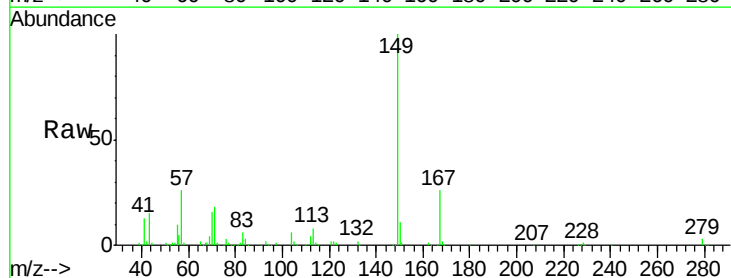
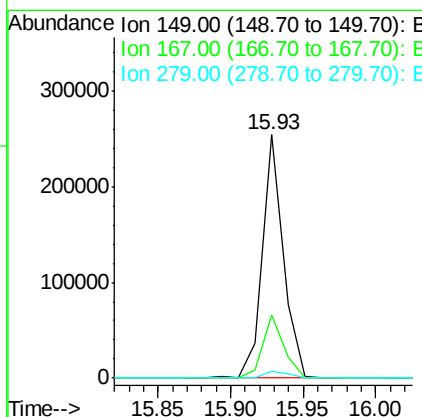
Manual Integrations
 APPROVED

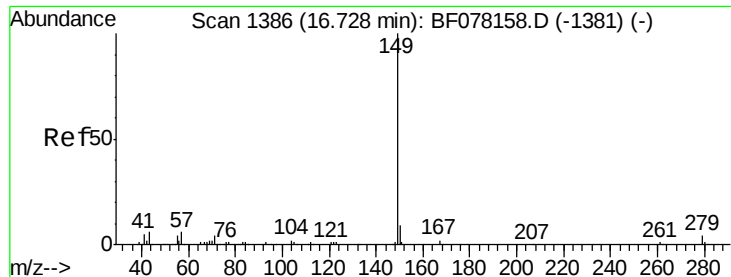
apatel
 4/2/2015 5:51:29 PM



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.61 ng
 RT: 15.93 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF078173.D
 Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.2	33.2
279	2.7	3.2	4.8#





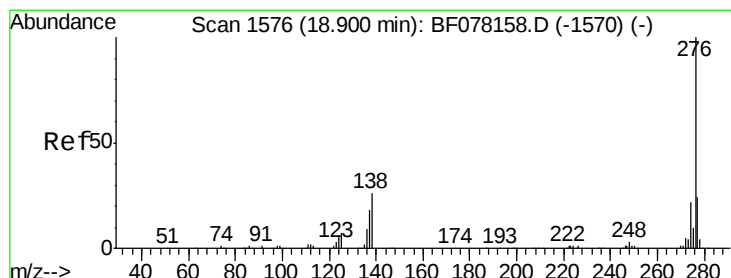
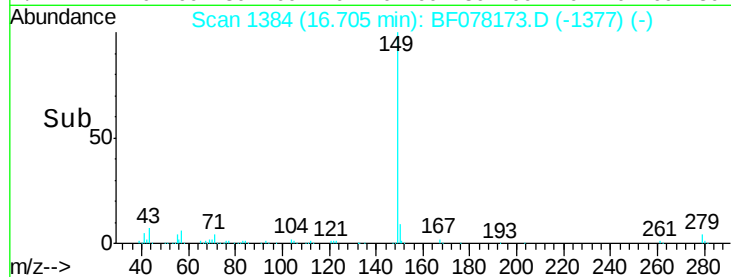
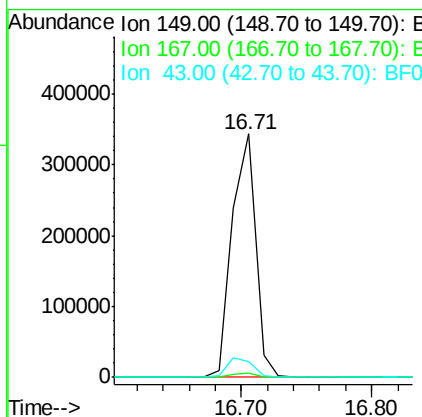
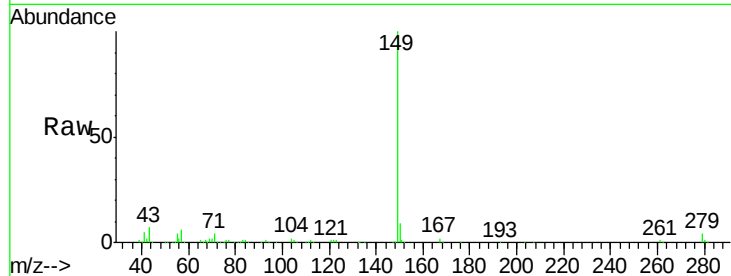
#84
Di-n-octyl phthalate
Concen: 48.02 ng
RT: 16.71 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.0	0.0	0.0#

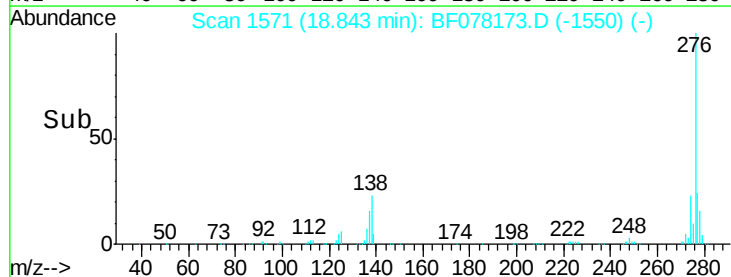
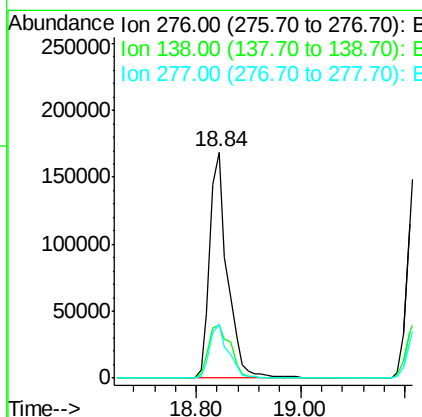
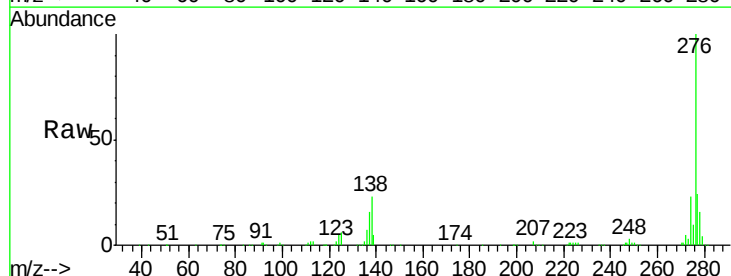
Manual Integrations
APPROVED

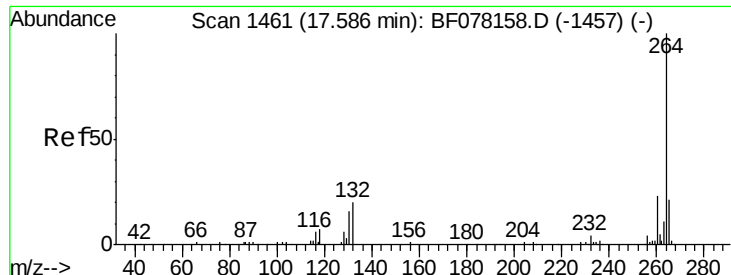
apatel
4/2/2015 5:51:29 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 42.94 ng
RT: 18.84 min Scan# 1571
Delta R.T. -0.06 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	29.6	16.9	25.3#
277	24.5	15.8	23.6#





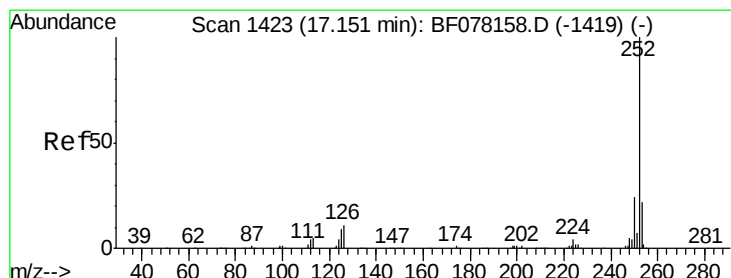
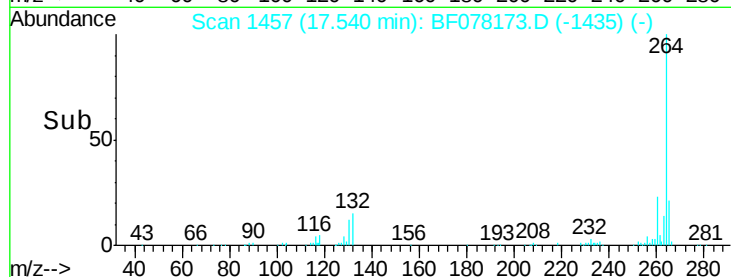
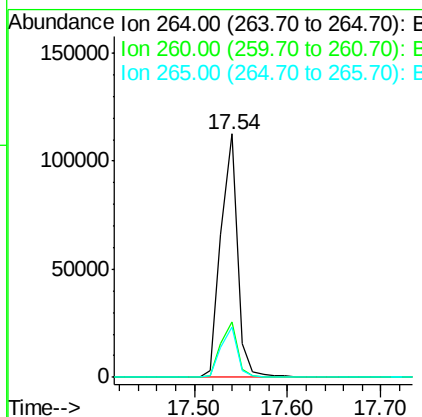
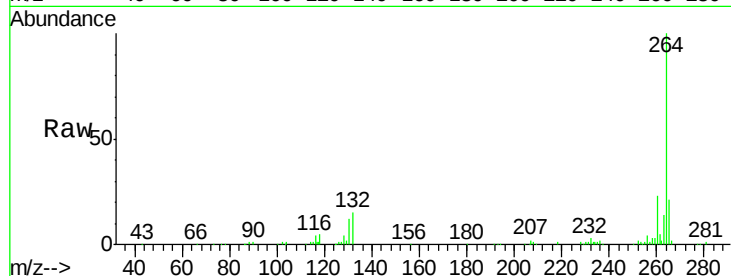
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.05 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	20.8	17.0	25.6

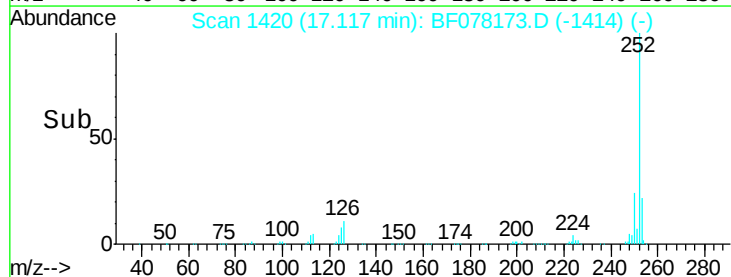
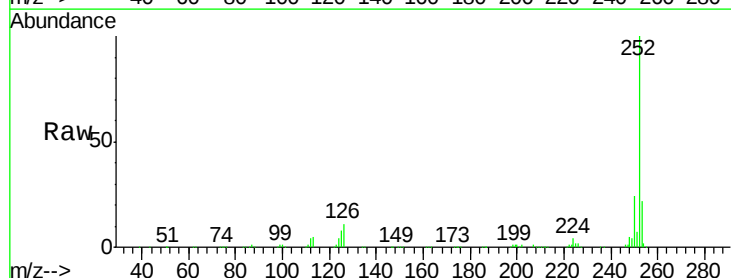
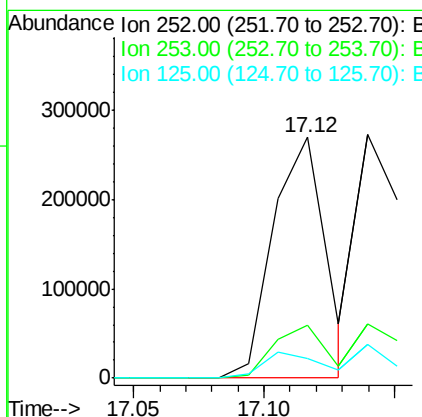
Manual Integrations
APPROVED

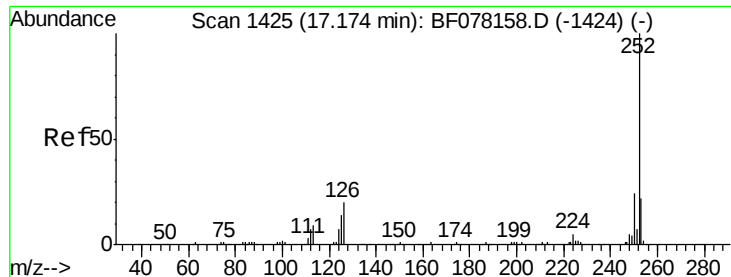
apatel
4/2/2015 5:51:29 PM



#87
Benzo(b)fluoranthene
Concen: 43.25 ng
RT: 17.12 min Scan# 1420
Delta R.T. -0.03 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	8.2	7.0	10.4





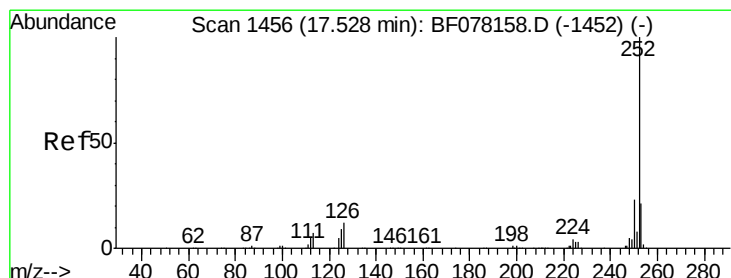
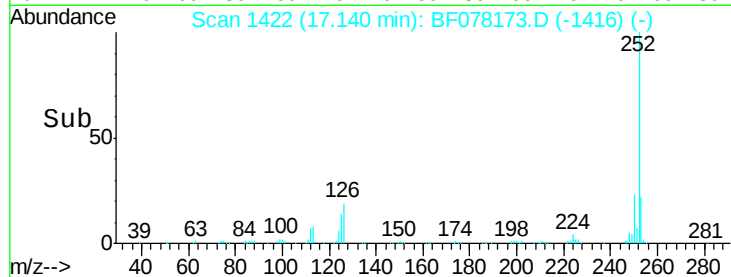
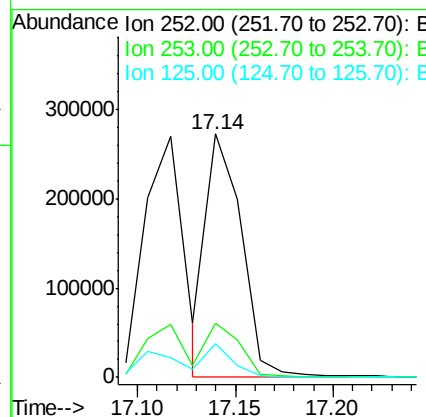
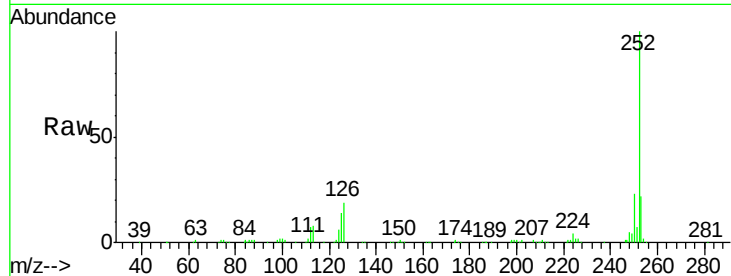
#88
Benzo(k)fluoranthene
Concen: 44.98 ng/mL
RT: 17.14 min Scan# 1422
Delta R.T. -0.03 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	13.7	11.6	17.4

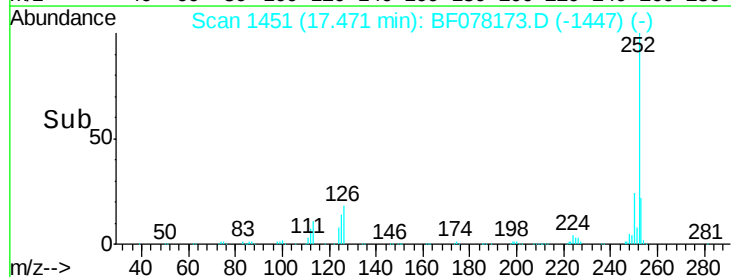
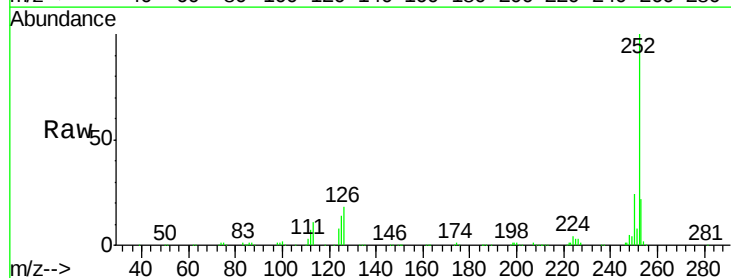
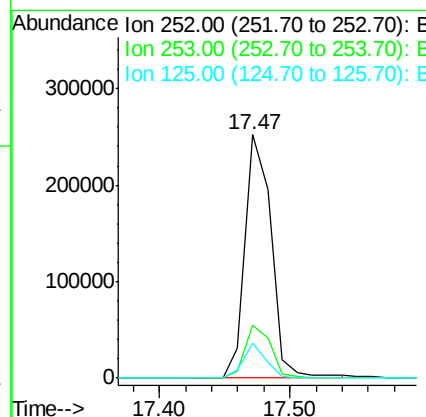
Manual Integrations
APPROVED

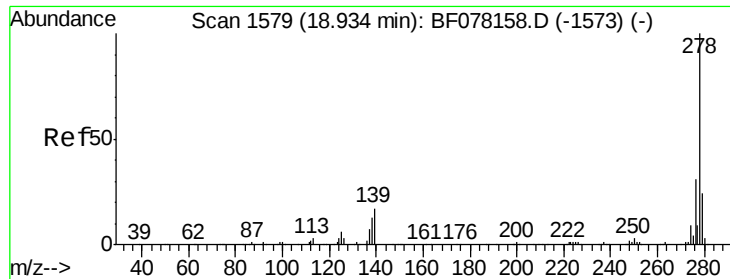
apatel
4/2/2015 5:51:29 PM



#89
Benzo(a)pyrene
Concen: 46.47 ng/mL
RT: 17.47 min Scan# 1451
Delta R.T. -0.06 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.8	25.2
125	14.5	7.4	11.0





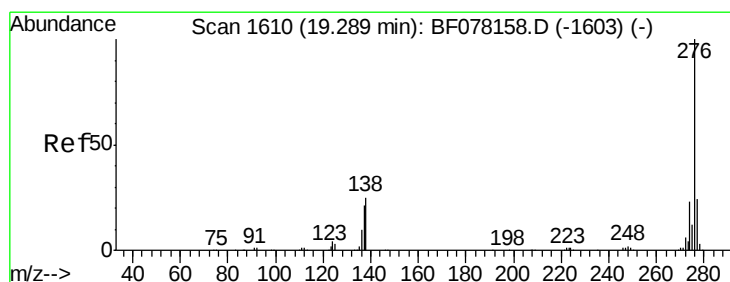
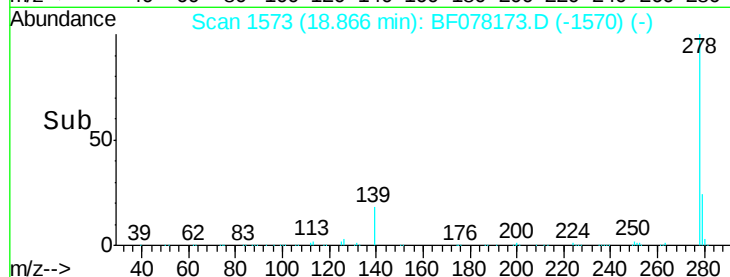
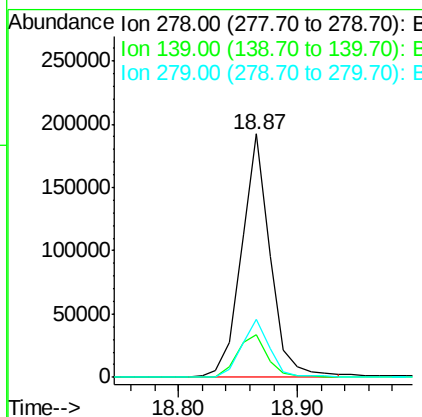
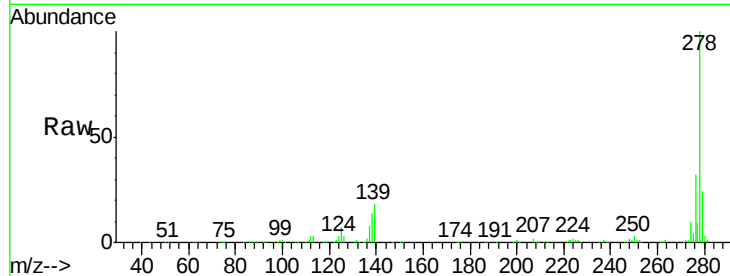
#90
Dibenzo(a,h)anthracene
Concen: 42.97 ng
RT: 18.87 min Scan# 1573
Delta R.T. -0.07 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Instrument :
BNA_F
ClientSampleId :
PB82482BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.6	20.4
279	23.8	19.0	28.6

Manual Integrations
APPROVED

apatel
4/2/2015 5:51:29 PM



#91
Benzo(g,h,i)perylene
Concen: 43.81 ng
RT: 19.22 min Scan# 1604
Delta R.T. -0.07 min
Lab File: BF078173.D
Acq: 2 Apr 2015 1:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	24.2	19.9	29.9

