

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078404.D
 Acq On : 10 Apr 2015 17:29
 Operator : TP/IZ
 Sample : PB82621BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Manual Integrations
 APPROVED

apatel
 4/13/2015 4:16:22 PM

Quant Time: Apr 13 10:55:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	26232	20.00	ng	-0.01
21) Naphthalene-d8	8.44	136	106362	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	54802	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	110182	20.00	ng	0.00
75) Chrysene-d12	15.68	240	131914	20.00	ng	-0.01
86) Perylene-d12	17.36	264	132951	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	203918	128.17	ng	0.00
7) Phenol-d6	6.46	99	263921	132.36	ng	0.00
23) Nitrobenzene-d5	7.56	82	149926	85.44	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	69503	152.92	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	318268	83.02	ng	0.00
78) Terphenyl-d14	14.41	244	432043	74.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.66	88	33275m	46.25	ng	
3) Pyridine	2.26	79	73008	38.74	ng	# 94
4) n-Nitrosodimethylamine	2.19	42	34930m	48.15	ng	
6) Aniline	6.45	93	37108	13.12	ng	# 74
8) 2-Chlorophenol	6.59	128	77223	41.05	ng	98
9) Benzaldehyde	6.29	77	24283	18.38	ng	91
10) Phenol	6.48	94	98042	41.04	ng	100
11) bis(2-Chloroethyl)ether	6.56	93	69093	40.22	ng	92
12) 1,3-Dichlorobenzene	6.77	146	79030	38.24	ng	98
13) 1,4-Dichlorobenzene	6.88	146	79688	38.31	ng	98
14) 1,2-Dichlorobenzene	7.06	146	75384	38.65	ng	99
15) Benzyl Alcohol	7.06	79	64471	46.01	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.24	45	93315	40.72	ng	97
17) 2-Methylphenol	7.22	107	60869	41.67	ng	95
18) Hexachloroethane	7.48	117	26773	38.17	ng	96
19) n-Nitroso-di-n-propylamine	7.39	70	50599	38.46	ng	# 84
20) 3+4-Methylphenols	7.42	107	82561	42.37	ng	94
22) Acetophenone	7.38	105	107301	43.30	ng	# 93
24) Nitrobenzene	7.58	77	78738	42.92	ng	89
25) Isophorone	7.88	82	135605	40.72	ng	# 91
26) 2-Nitrophenol	7.98	139	36478	41.73	ng	92
27) 2,4-Dimethylphenol	8.06	122	72026	44.31	ng	96
28) bis(2-Chloroethoxy)methane	8.18	93	88819	41.59	ng	99
29) 2,4-Dichlorophenol	8.28	162	67441	45.60	ng	90
30) 1,2,4-Trichlorobenzene	8.37	180	67965	40.08	ng	97
31) Naphthalene	8.46	128	227238	41.05	ng	99
32) Benzoic acid	8.19	122	39734	51.50	ng	92
33) 4-Chloroaniline	8.56	127	36164	15.74	ng	97
34) Hexachlorobutadiene	8.62	225	37174	39.93	ng	98
35) Caprolactam	8.97	113	22662	51.34	ng	98
36) 4-Chloro-3-methylphenol	9.17	107	71718	48.06	ng	95
37) 2-Methylnaphthalene	9.32	142	157725	41.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.53	216	67125	39.53	ng	98
40) Hexachlorocyclopentadiene	9.50	237	56580	77.62	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078404.D
 Acq On : 10 Apr 2015 17:29
 Operator : TP/IZ
 Sample : PB82621BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Manual Integrations
 APPROVED

apatel
 4/13/2015 4:16:22 PM

Quant Time: Apr 13 10:55:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.68	196	47364	44.23	ng	97
43) 2,4,5-Trichlorophenol	9.73	196	50354	45.01	ng #	83
45) 1,1'-Biphenyl	9.90	154	186759	41.66	ng	100
46) 2-Chloronaphthalene	9.92	162	150756	42.74	ng	96
47) 2-Nitroaniline	10.05	65	40967	46.95	ng	93
48) Acenaphthylene	10.42	152	240645	42.25	ng	99
49) Dimethylphthalate	10.29	163	170481	41.41	ng	100
50) 2,6-Dinitrotoluene	10.37	165	37106	43.81	ng	98
51) Acenaphthene	10.64	154	137540	42.89	ng	100
52) 3-Nitroaniline	10.57	138	25636	26.62	ng	89
53) 2,4-Dinitrophenol	10.70	184	28776	84.82	ng	95
54) Dibenzofuran	10.85	168	216180	44.14	ng	93
55) 4-Nitrophenol	10.81	139	62945	88.45	ng #	74
56) 2,4-Dinitrotoluene	10.86	165	53862	49.10	ng	91
57) Fluorene	11.27	166	173924	43.81	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.01	232	40453	48.77	ng #	99
59) Diethylphthalate	11.17	149	176168	44.38	ng	99
60) 4-Chlorophenyl-phenylether	11.29	204	81100	44.41	ng #	88
61) 4-Nitroaniline	11.31	138	40079	41.16	ng	93
62) Azobenzene	11.48	77	186887	51.58	ng	87
64) 4,6-Dinitro-2-methylphenol	11.36	198	22865	42.91	ng #	72
65) n-Nitrosodiphenylamine	11.44	169	157989	41.45	ng	99
66) 4-Bromophenyl-phenylether	11.88	248	46998	40.28	ng	94
67) Hexachlorobenzene	11.94	284	51435	40.23	ng	96
68) Atrazine	12.12	200	51923	47.04	ng	97
69) Pentachlorophenol	12.19	266	51950	90.49	ng	97
70) Phenanthrene	12.44	178	267199	41.92	ng	99
71) Anthracene	12.51	178	272503	43.39	ng	99
72) Carbazole	12.73	167	280491	47.66	ng	98
73) Di-n-butylphthalate	13.19	149	308258	46.23	ng	99
74) Fluoranthene	13.91	202	310303	46.17	ng	97
76) Benzidine	14.10	184	101279	19.94	ng	97
77) Pyrene	14.18	202	322434	38.94	ng	98
79) Butylbenzylphthalate	15.04	149	140211	44.42	ng	86
80) Benzo(a)anthracene	15.67	228	325419	41.46	ng	99
81) 3,3'-Dichlorobenzidine	15.65	252	54180	20.61	ng #	97
82) Chrysene	15.71	228	306450	41.56	ng	98
83) Bis(2-ethylhexyl)phthalate	15.76	149	208196	42.06	ng #	95
84) Di-n-octyl phthalate	16.53	149	372628	45.84	ng #	100
85) Indeno(1,2,3-cd)pyrene	18.59	276	374034m	44.70	ng	
87) Benzo(b)fluoranthene	16.93	252	333561	40.59	ng	99
88) Benzo(k)fluoranthene	16.97	252	323687m	44.33	ng	
89) Benzo(a)pyrene	17.30	252	322597	44.99	ng	98
90) Dibenzo(a,h)anthracene	18.61	278	298031	41.51	ng	98
91) Benzo(g,h,i)perylene	18.95	276	295759	41.09	ng	97

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

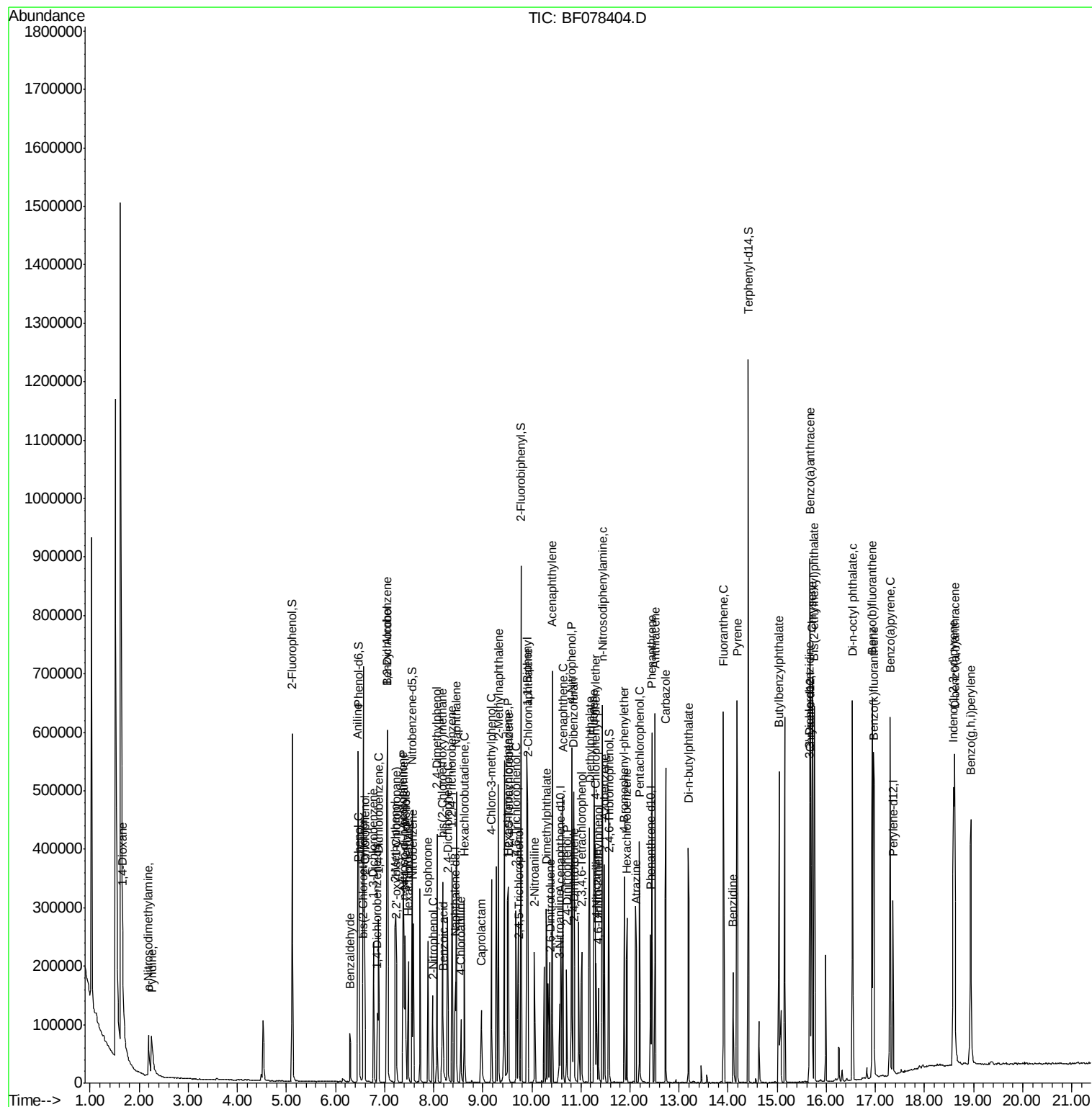
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
Data File : BF078404.D
Acq On : 10 Apr 2015 17:29
Operator : TP/IZ
Sample : PB82621BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

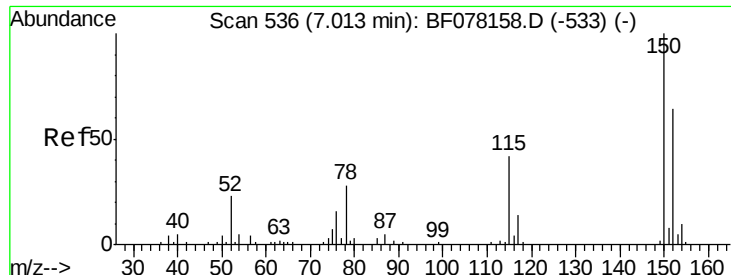
Instrument :
BNA_F
ClientSampleId :
PB82621BS

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM

Quant Time: Apr 13 10:55:30 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 11 00:31:48 2015
Response via : Initial Calibration





#1

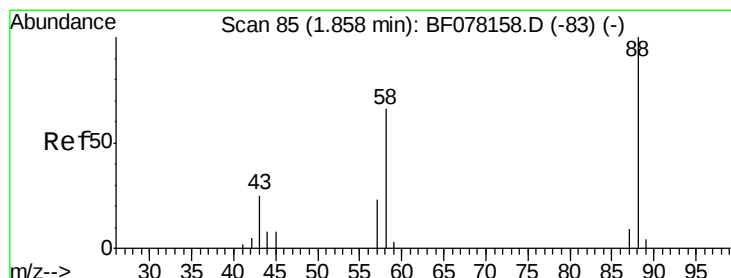
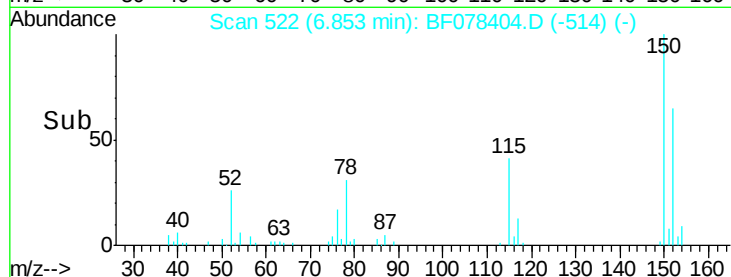
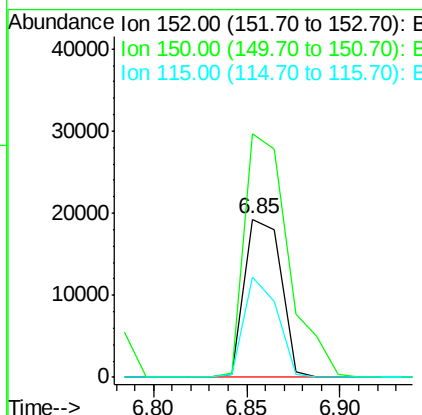
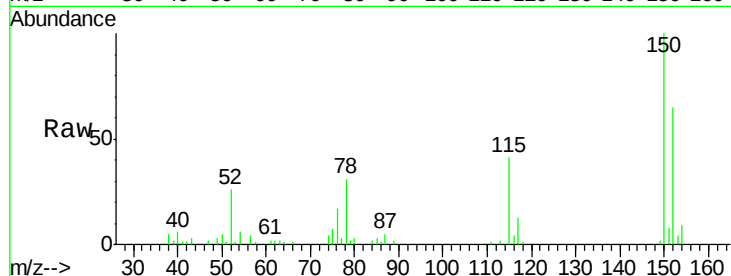
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.9	188.9
115	63.7	52.7	79.1

Manual Integrations
APPROVED

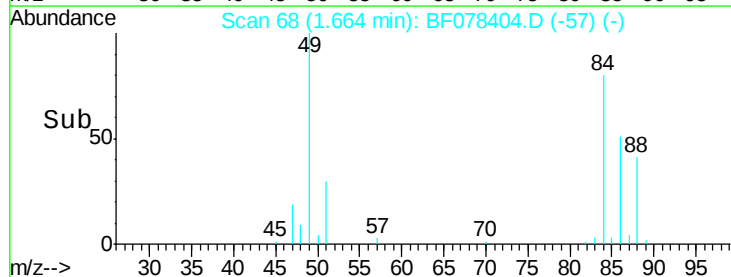
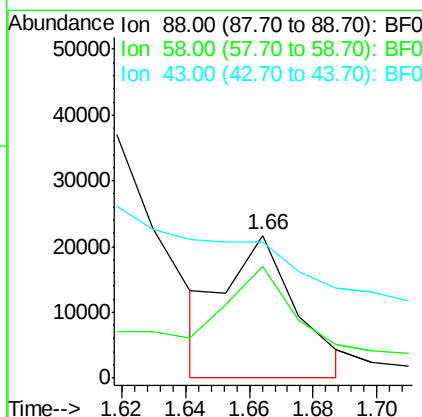
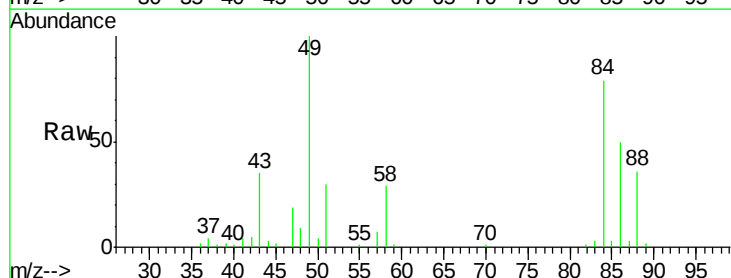
apatel
4/13/2015 4:16:22 PM

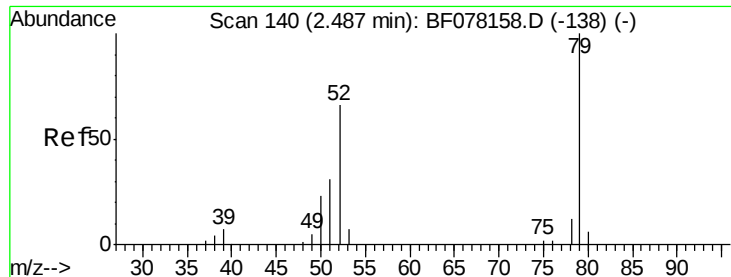


#2

1,4-Dioxane
Concen: 46.25 ng m
RT: 1.66 min Scan# 68
Delta R.T. 0.02 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	56.9	85.3#
43	0.0	21.4	32.2#





#3

Pyridine

Concen: 38.74 ng

RT: 2.26 min Scan# 120

Delta R.T. 0.03 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA_F

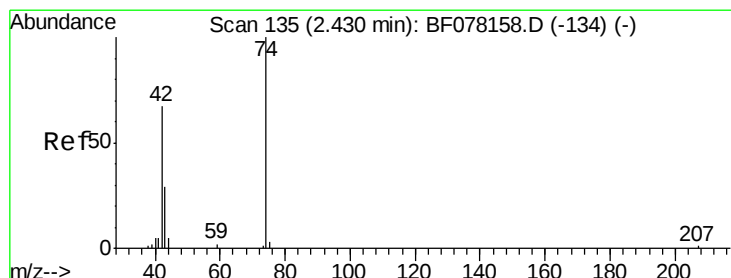
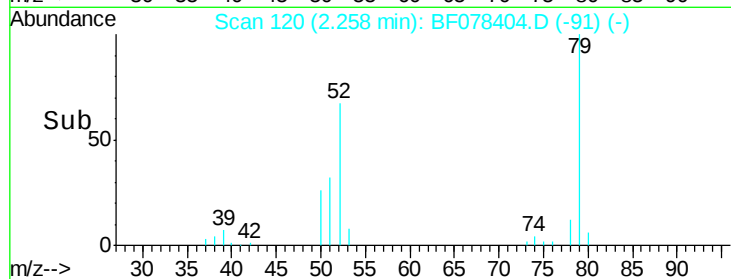
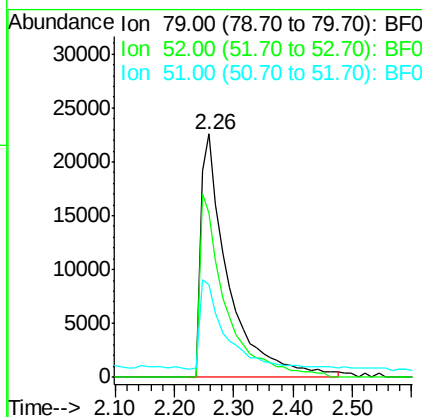
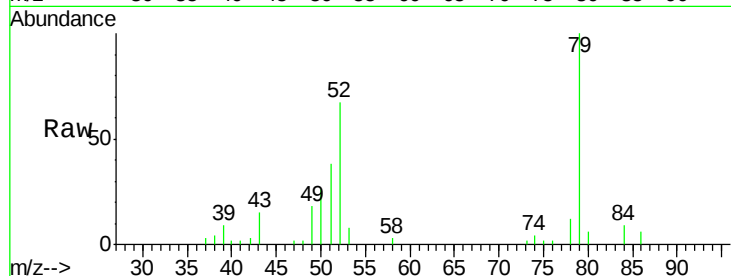
ClientSampleId :

PB82621BS

Tgt Ion:	79	Resp:	73008
Ion	Ratio	Lower	Upper
79	100		
52	67.4	52.4	78.6
51	38.0	24.9	37.3#

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM



#4

n-Nitrosodimethylamine

Concen: 48.15 ng m

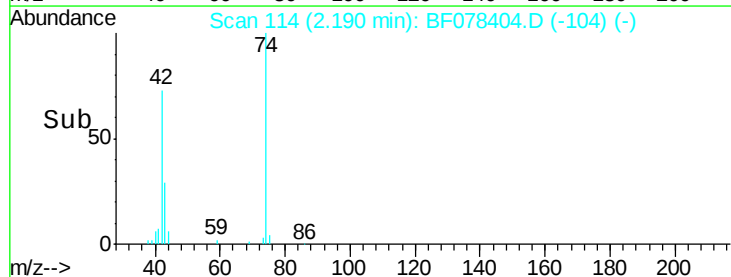
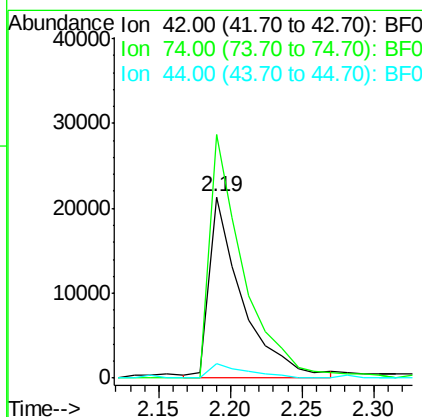
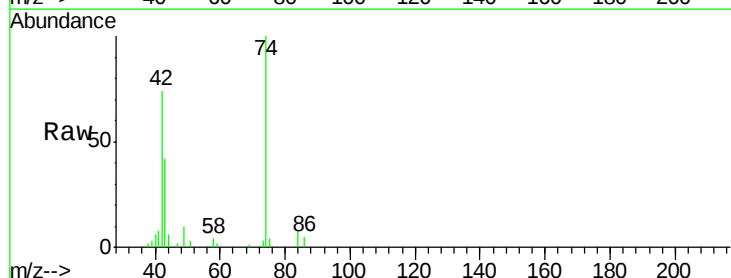
RT: 2.19 min Scan# 114

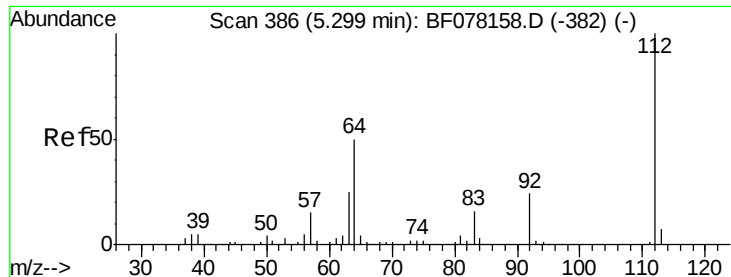
Delta R.T. 0.01 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Tgt Ion:	42	Resp:	34930
Ion	Ratio	Lower	Upper
42	100		
74	134.5	118.7	178.1
44	8.3	5.9	8.9





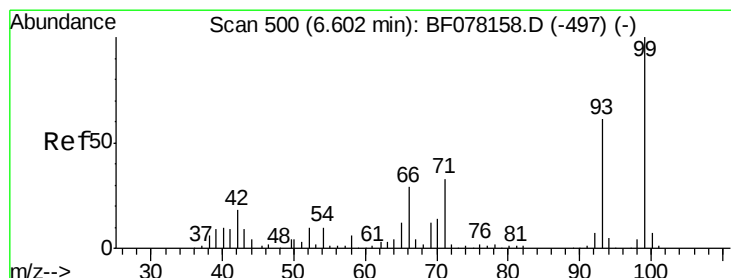
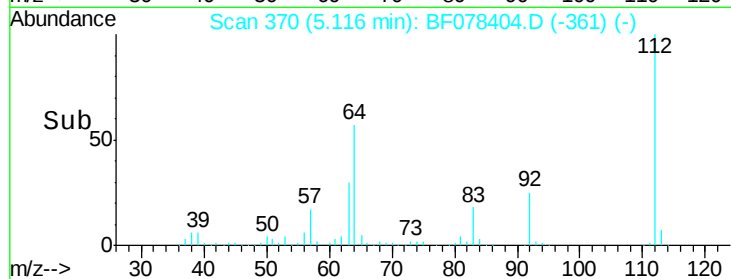
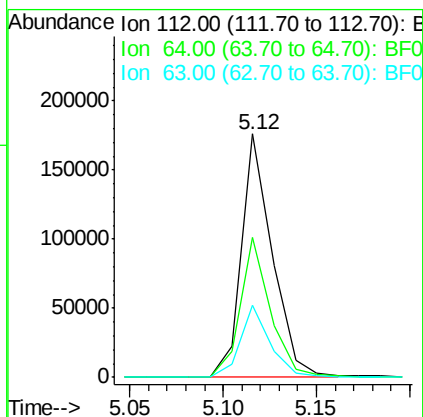
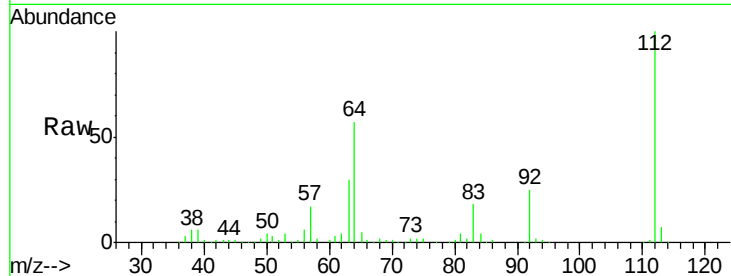
#5
 2-Fluorophenol
 Concen: 128.17 ng
 RT: 5.12 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Tgt Ion:	112	Resp:	203918
Ion Ratio	Lower	Upper	
112	100		
64	57.3	39.9	59.9
63	29.6	20.2	30.4

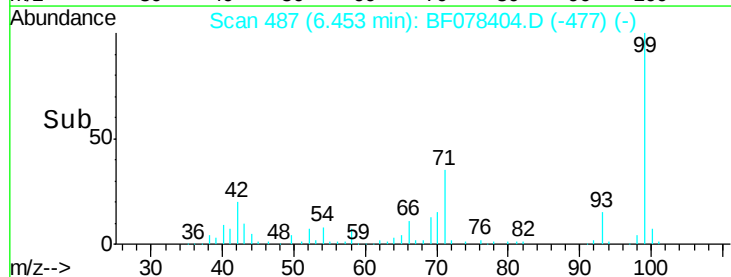
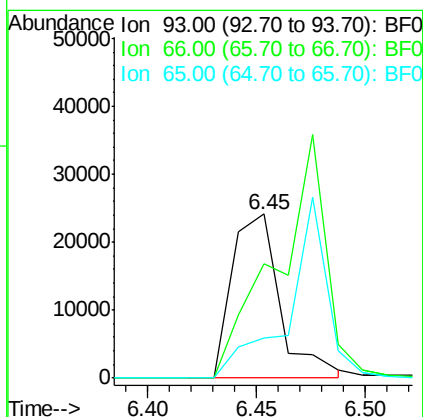
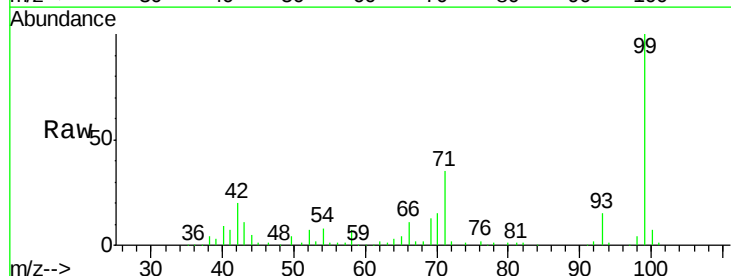
Manual Integrations
 APPROVED

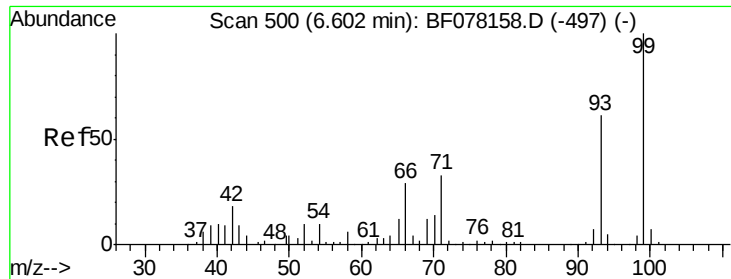
apatel
 4/13/2015 4:16:22 PM



#6
 Aniline
 Concen: 13.12 ng
 RT: 6.45 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion:	93	Resp:	37108
Ion Ratio	Lower	Upper	
93	100		
66	70.0	38.0	57.0#
65	24.7	16.3	24.5#





#7

Phenol-d6

Concen: 132.36 ng

RT: 6.46 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA_F

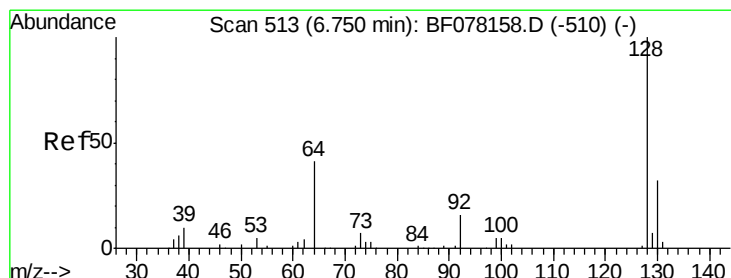
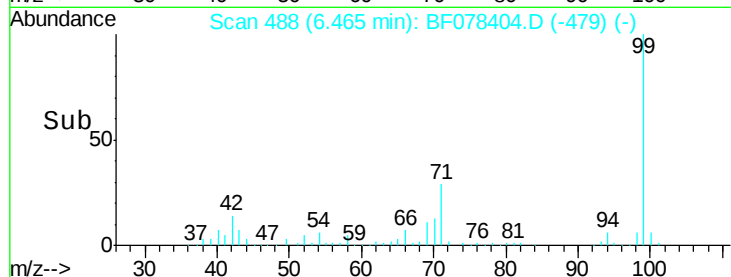
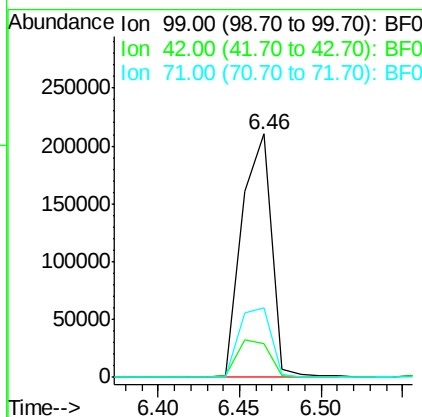
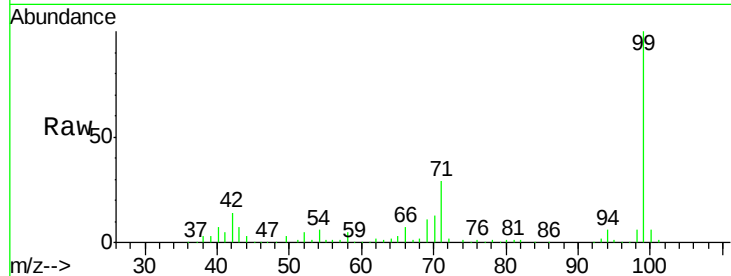
ClientSampleId :

PB82621BS

Tgt Ion:	99	Resp:	263921
Ion Ratio	Lower	Upper	
99	100		
42	13.8	14.8	22.2#
71	28.6	26.6	39.8

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM



#8

2-Chlorophenol

Concen: 41.05 ng

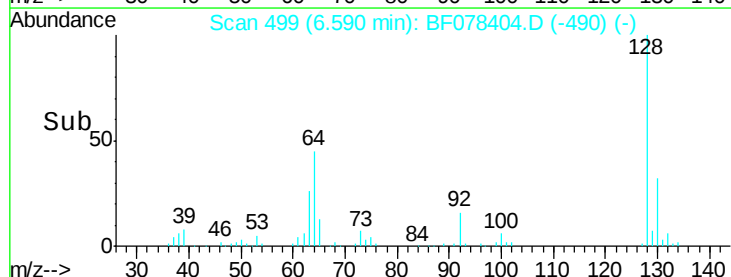
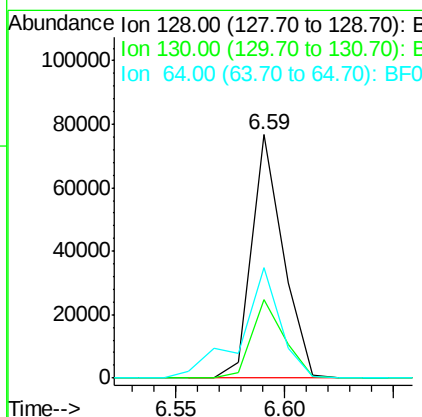
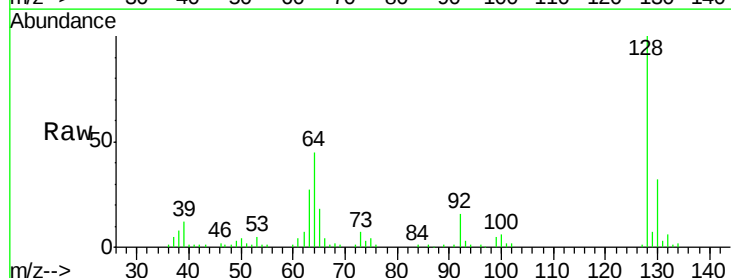
RT: 6.59 min Scan# 499

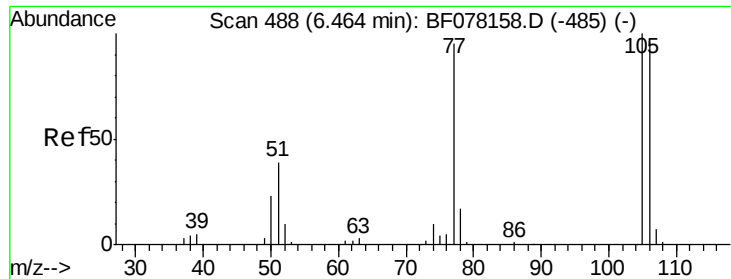
Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Tgt Ion:	128	Resp:	77223
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.3	52.3
64	45.4	23.8	63.8





#9

Benzaldehyde

Concen: 18.38 ng

RT: 6.29 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA_F

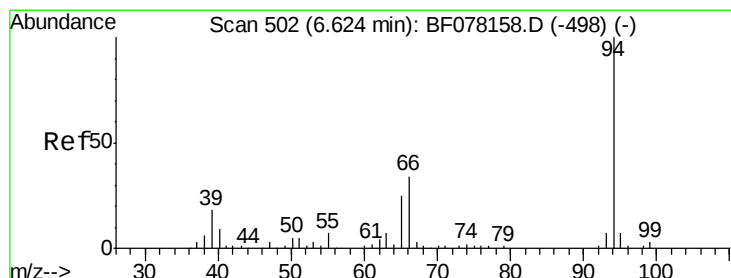
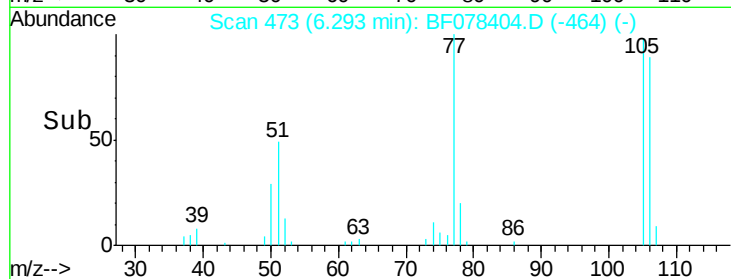
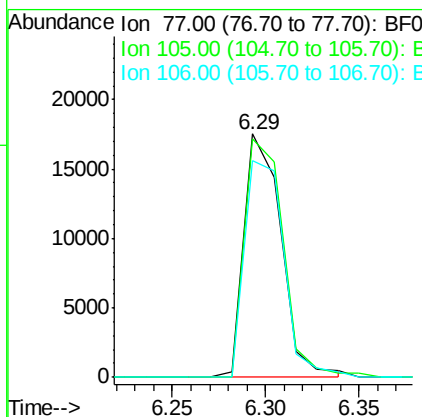
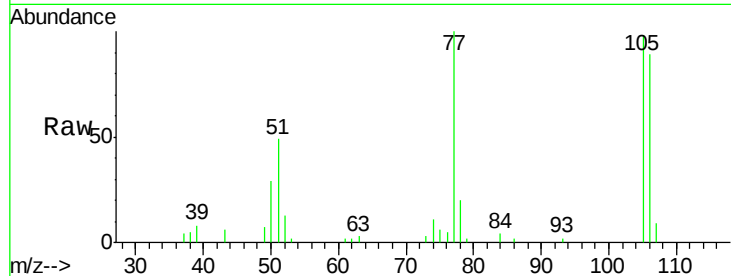
ClientSampleId :

PB82621BS

Tgt Ion:	77	Resp:	24283
Ion	Ratio	Lower	Upper
77	100		
105	97.9	85.4	125.4
106	89.2	80.8	120.8

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM



#10

Phenol

Concen: 41.04 ng

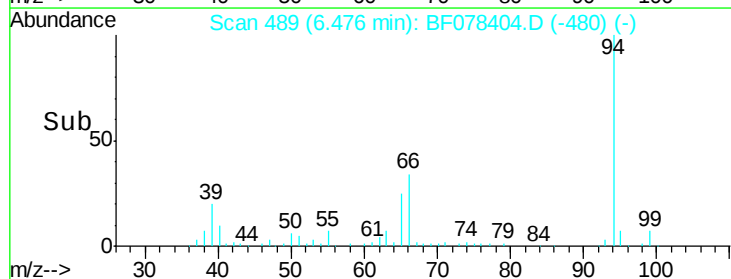
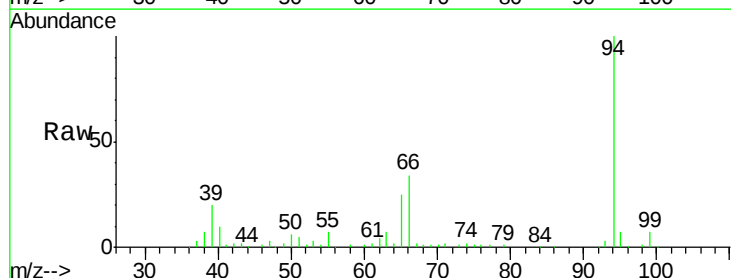
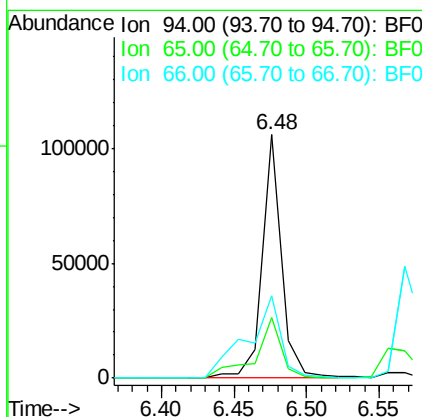
RT: 6.48 min Scan# 489

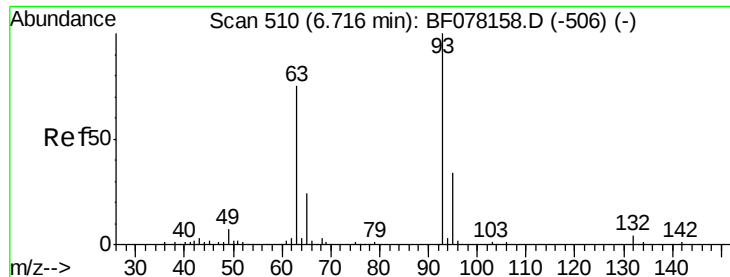
Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Tgt Ion:	94	Resp:	98042
Ion	Ratio	Lower	Upper
94	100		
65	25.1	4.9	44.9
66	33.8	13.8	53.8





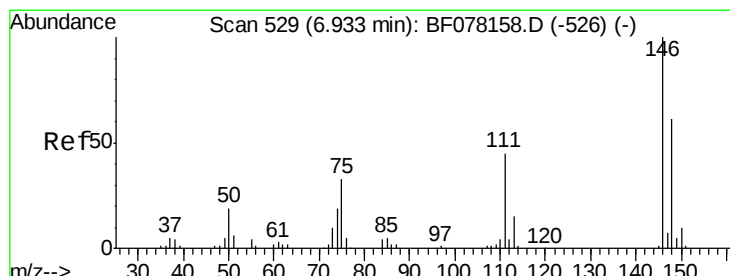
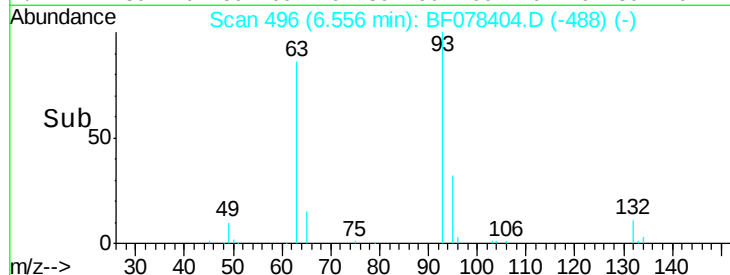
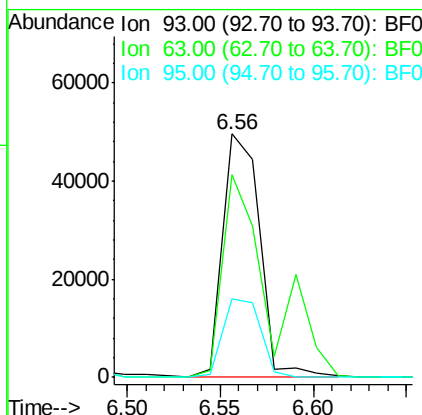
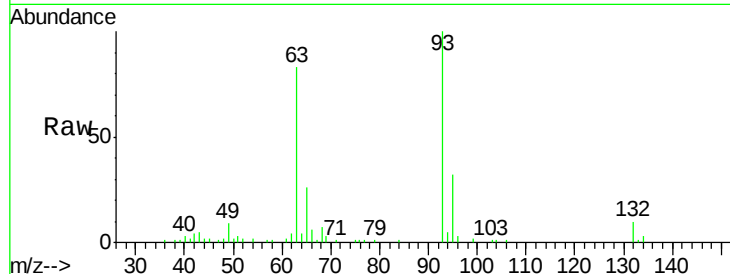
#11
bis(2-Chloroethyl)ether
Concen: 40.22 ng
RT: 6.56 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
63	83.2	54.6	94.6
95	32.4	13.6	53.6

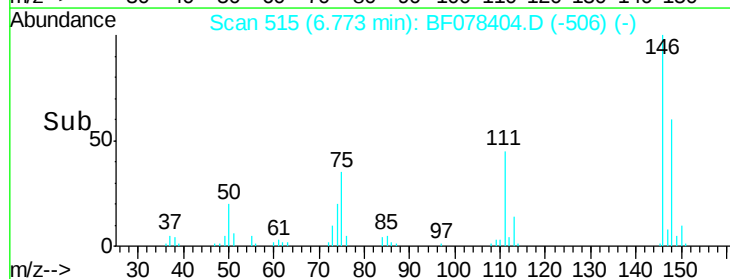
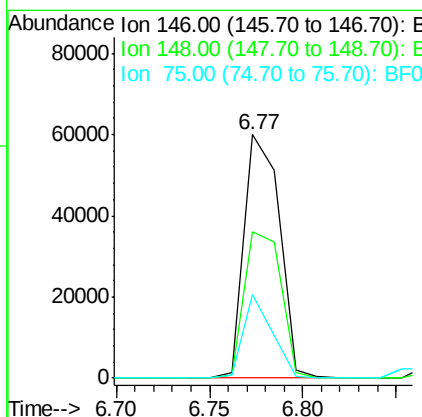
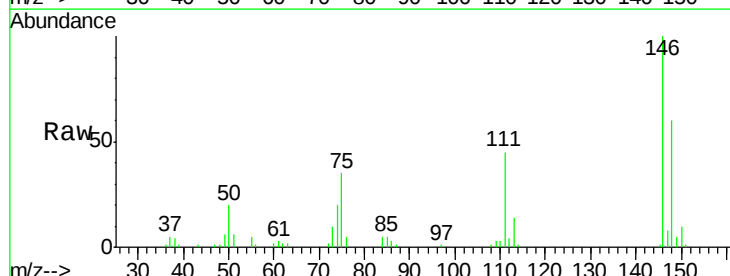
Manual Integrations
APPROVED

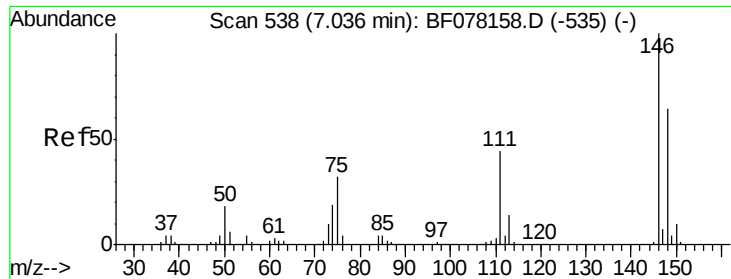
apatel
4/13/2015 4:16:22 PM



#12
1,3-Dichlorobenzene
Concen: 38.24 ng
RT: 6.77 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	60.3	49.1	73.7
75	34.5	26.6	40.0





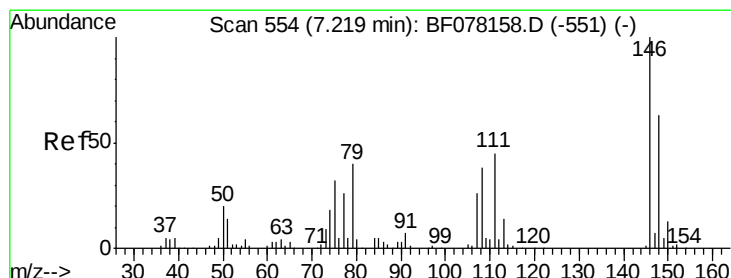
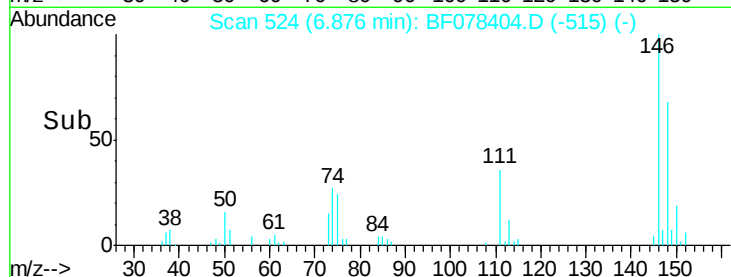
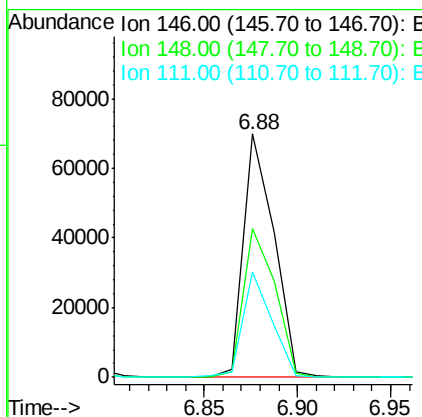
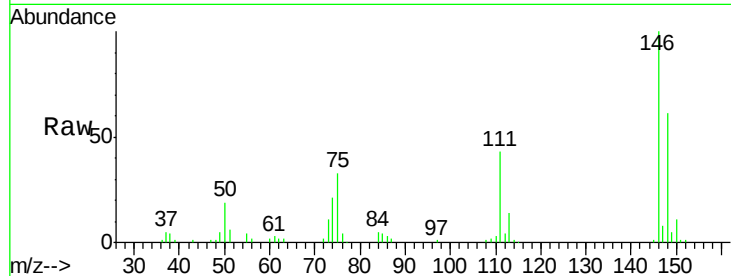
#13
 1,4-Dichlorobenzene
 Concen: 38.31 ng
 RT: 6.88 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.4	77.0
111	43.3	35.0	52.4

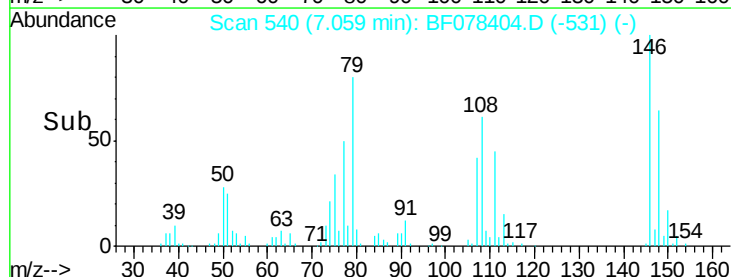
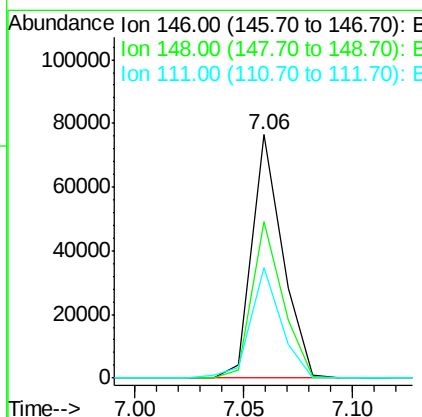
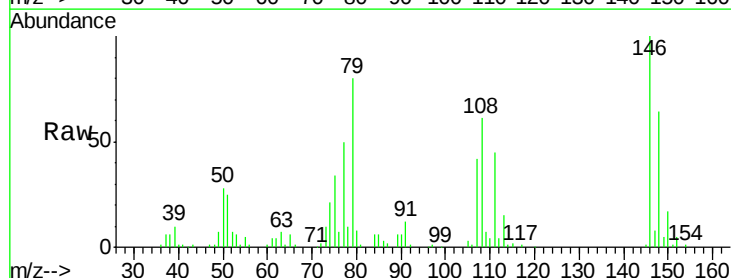
Manual Integrations
 APPROVED

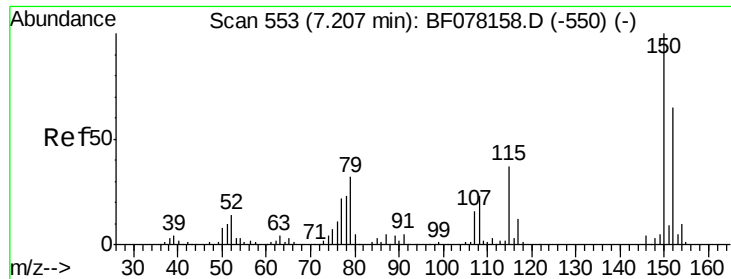
apatel
 4/13/2015 4:16:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.65 ng
 RT: 7.06 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.2	75.4
111	45.3	36.1	54.1





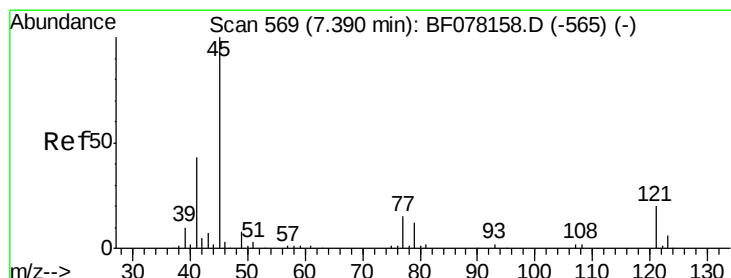
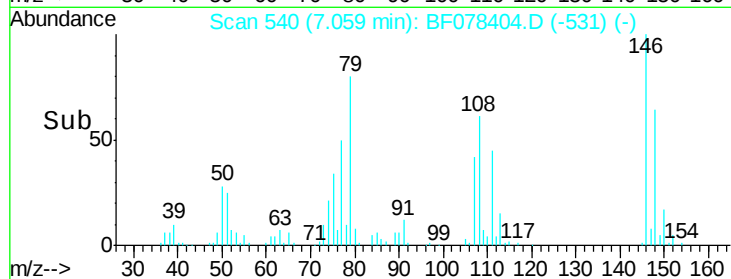
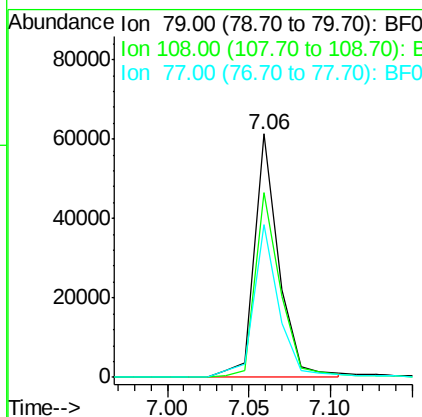
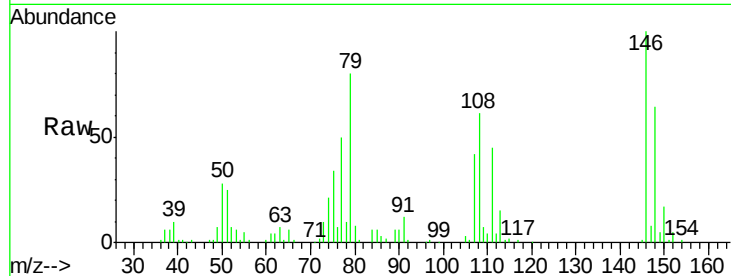
#15
Benzyl Alcohol
Concen: 46.01 ng
RT: 7.06 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion: 79 Resp: 64471
Ion Ratio Lower Upper
79 100
108 75.9 57.6 86.4
77 62.9 53.5 80.3

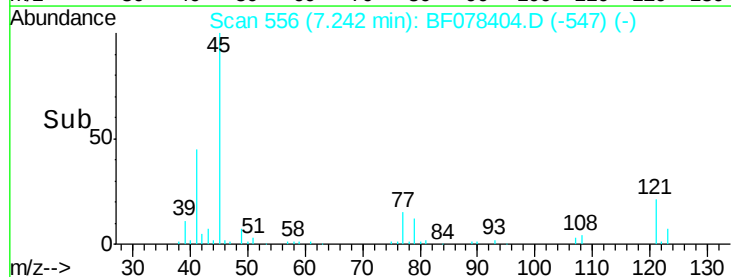
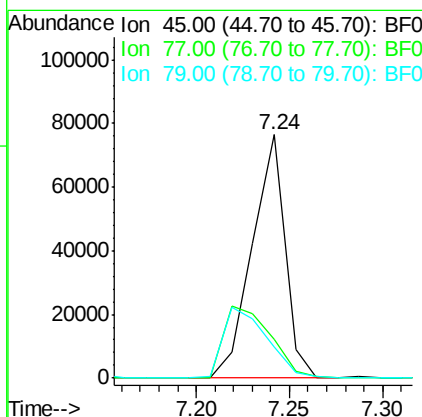
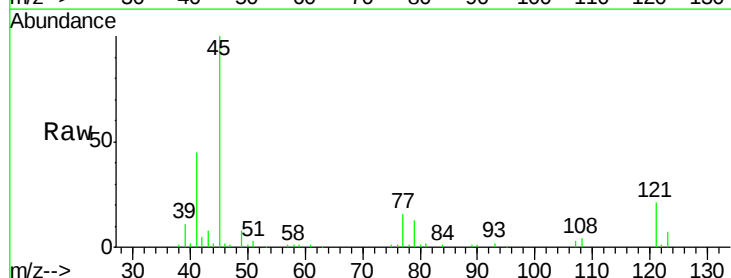
Manual Integrations
APPROVED

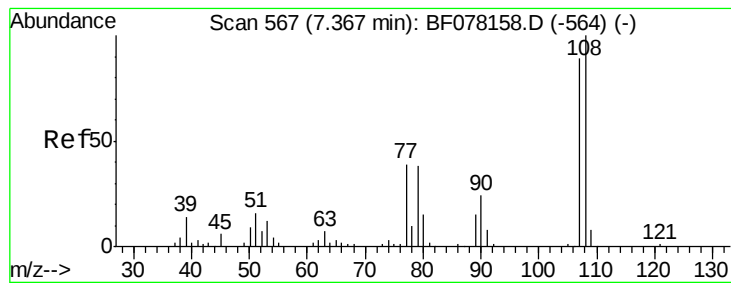
apatel
4/13/2015 4:16:22 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.72 ng
RT: 7.24 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion: 45 Resp: 93315
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.5
79 12.8 0.0 31.9





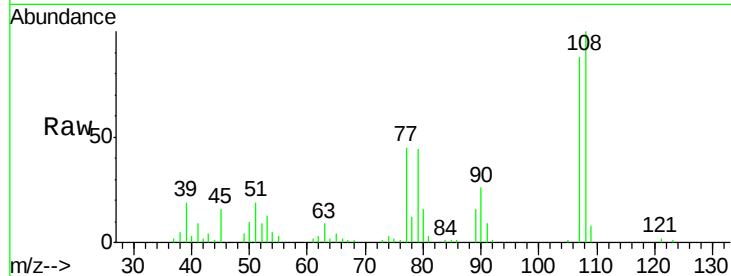
#17
2-Methylphenol
Concen: 41.67 ng
RT: 7.22 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

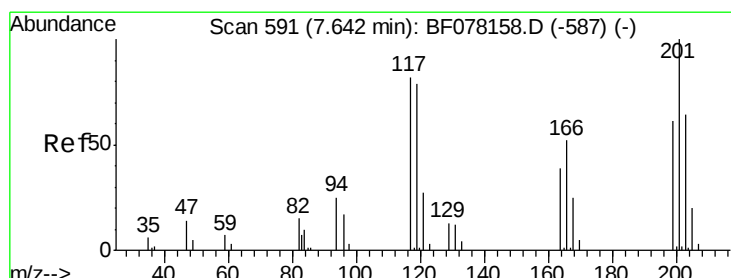
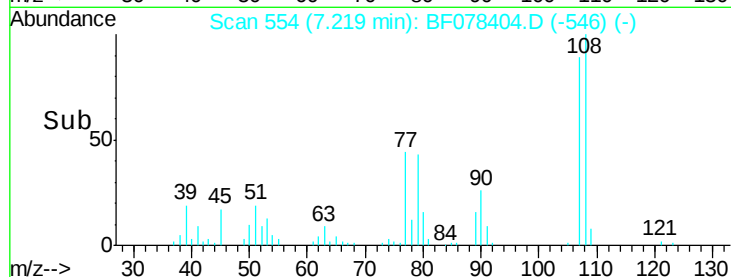
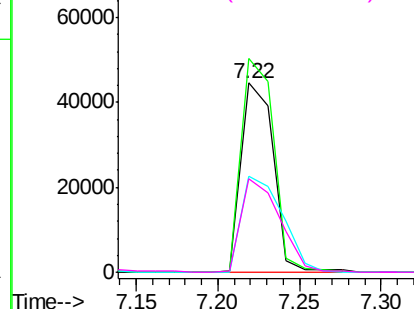
Tgt Ion:	107	Resp:	60869
Ion Ratio	Lower	Upper	
107	100		
108	113.1	90.3	135.5
77	50.7	35.5	53.3
79	49.7	34.2	51.4

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM

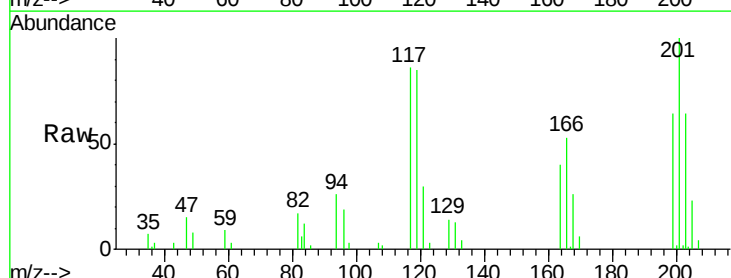


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

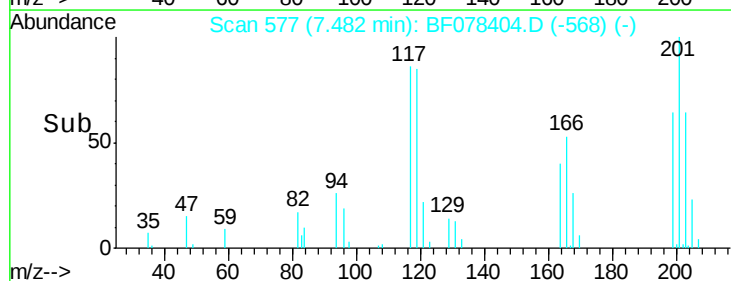
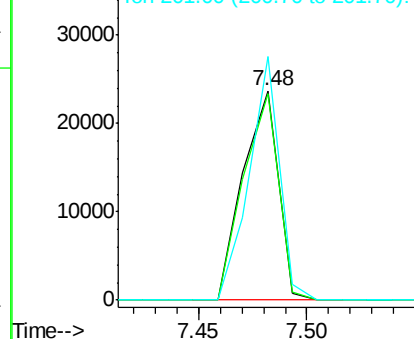


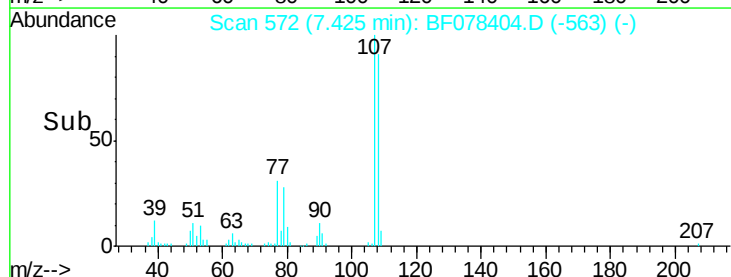
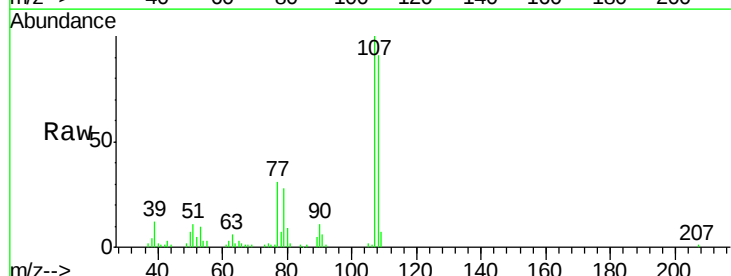
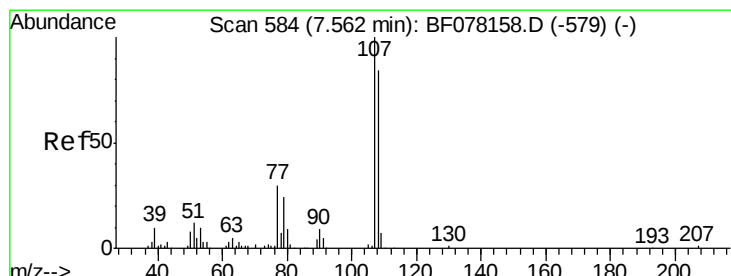
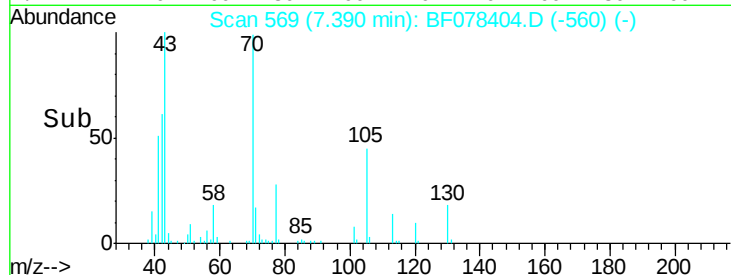
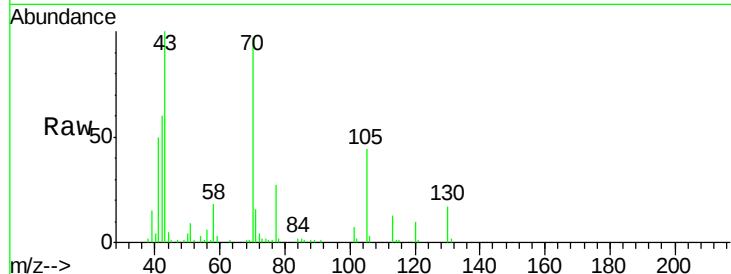
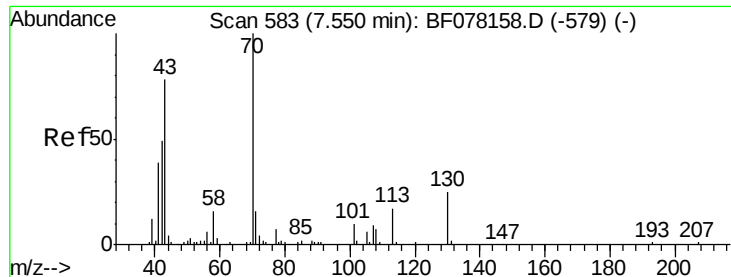
#18
Hexachloroethane
Concen: 38.17 ng
RT: 7.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion:	117	Resp:	26773
Ion Ratio	Lower	Upper	
117	100		
119	98.3	77.0	115.6
201	116.2	98.1	147.1



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





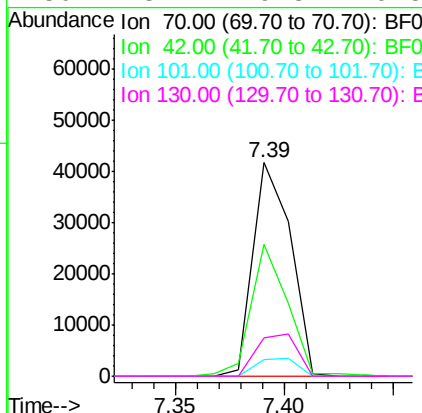
#19
n-Nitroso-di-n-propylamine
Concen: 38.46 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.0	38.9	58.3#
101	7.7	8.3	12.5#
130	18.1	19.8	29.8#

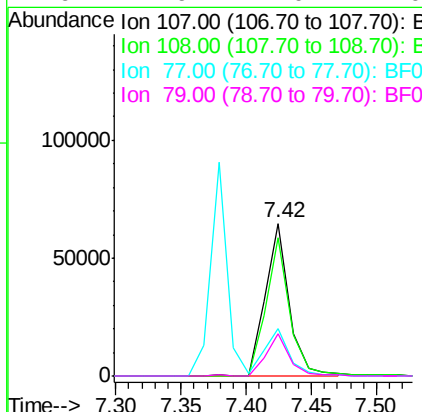
Manual Integrations
APPROVED

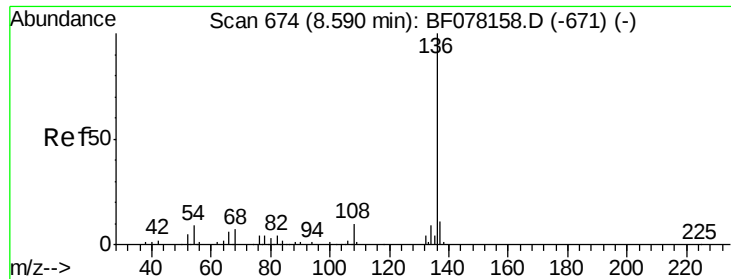
apatel
4/13/2015 4:16:22 PM



#20
3+4-Methylphenols
Concen: 42.37 ng
RT: 7.42 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	64.4	104.4
77	31.2	9.7	49.7
79	27.9	4.0	44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA_F

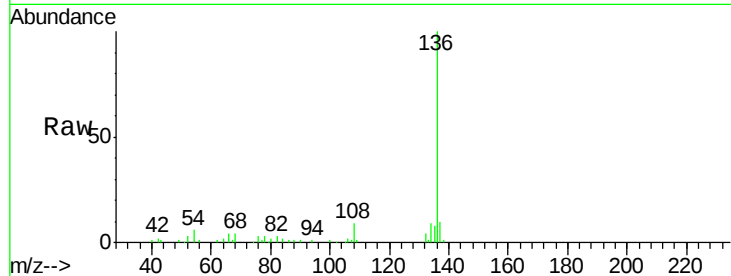
ClientSampleId :

PB82621BS

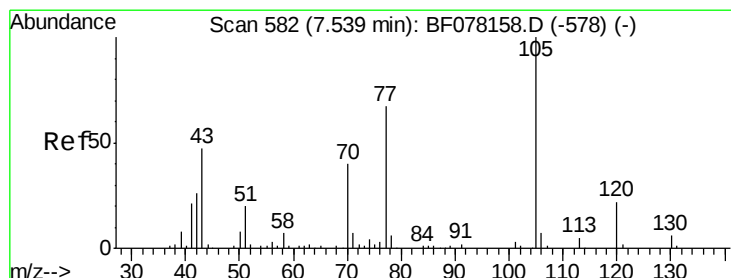
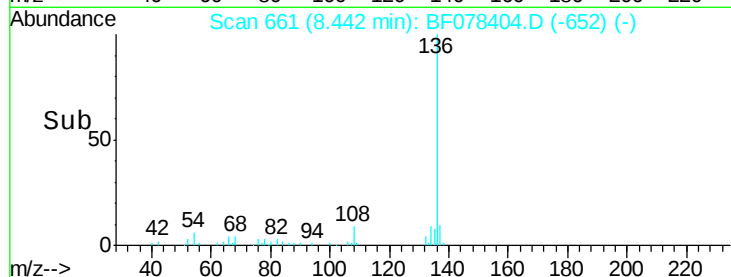
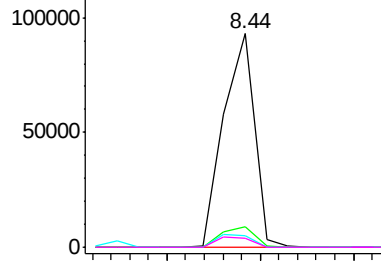
Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	9.9	9.0	13.4
54	5.5	7.0	10.6#
68	4.3	5.4	8.2#

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM



Abundance Ion 136.00 (135.70 to 136.70): E



#22

Acetophenone

Concen: 43.30 ng

RT: 7.38 min Scan# 568

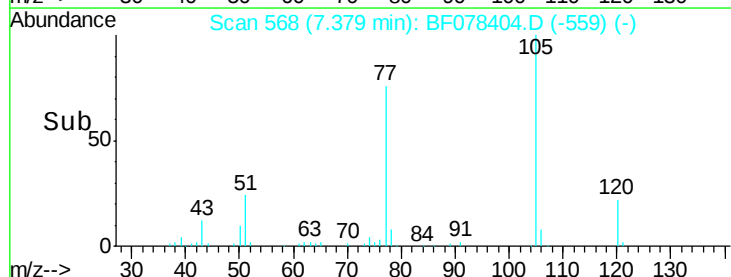
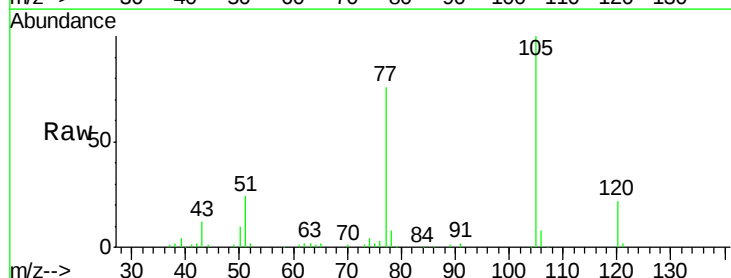
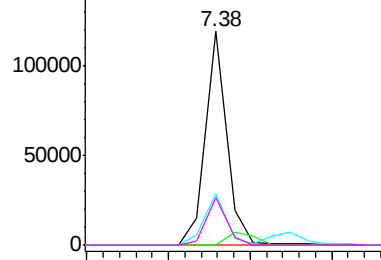
Delta R.T. 0.00 min

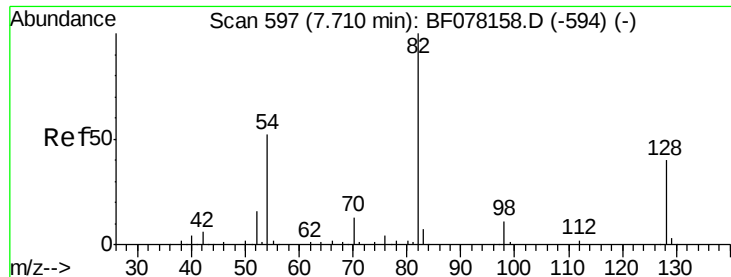
Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	24.3	16.0	24.0#
120	22.1	17.8	26.6

Abundance Ion 105.00 (104.70 to 105.70): E





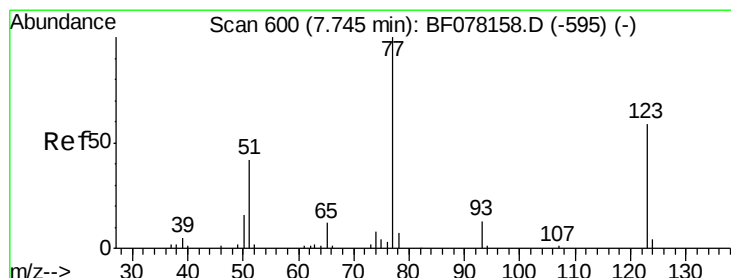
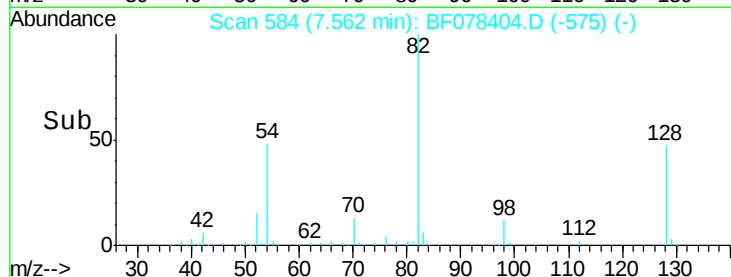
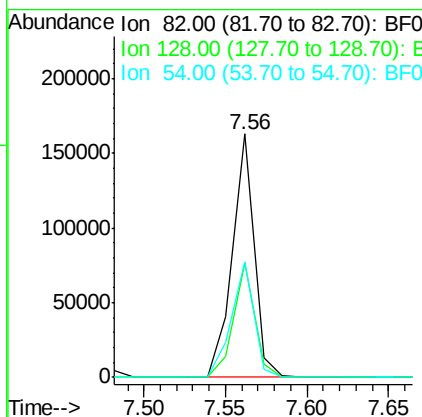
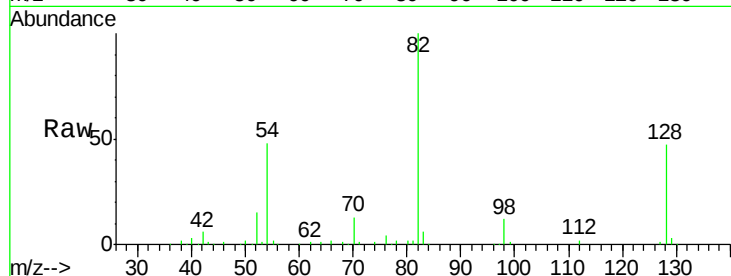
#23
 Nitrobenzene-d5
 Concen: 85.44 ng
 RT: 7.56 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	149926		
128	47.2	31.8	47.8	
54	47.6	41.5	62.3	

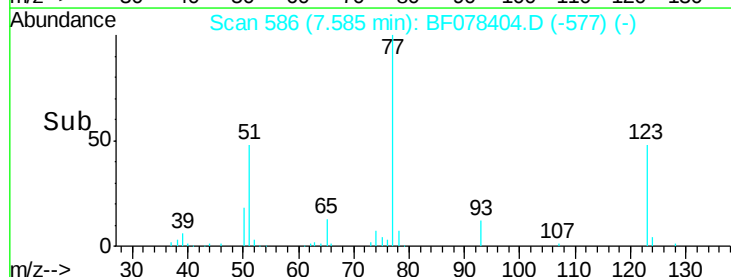
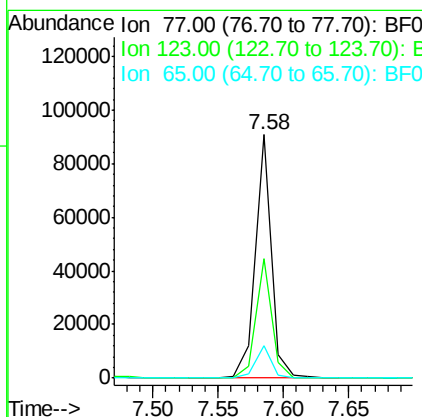
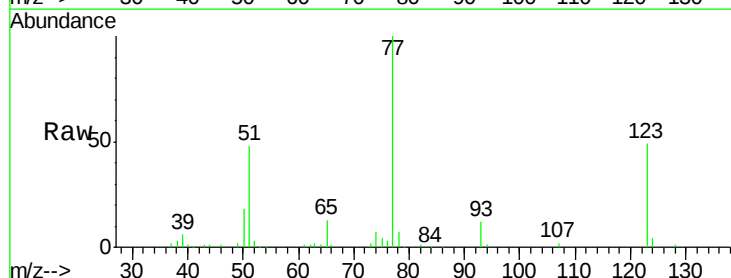
Manual Integrations
 APPROVED

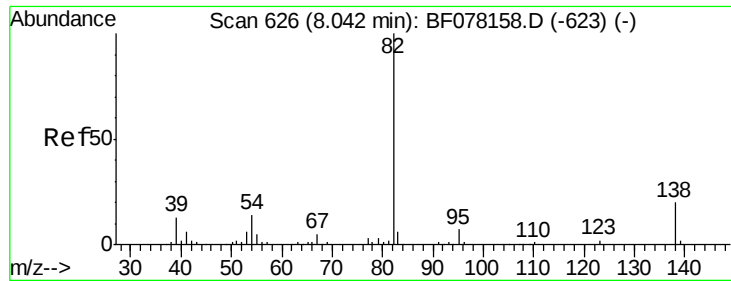
apatel
 4/13/2015 4:16:22 PM



#24
 Nitrobenzene
 Concen: 42.92 ng
 RT: 7.58 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	78738		
123	49.1	46.9	70.3	
65	13.1	9.5	14.3	





#25

Isophorone

Concen: 40.72 ng

RT: 7.88 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA_F

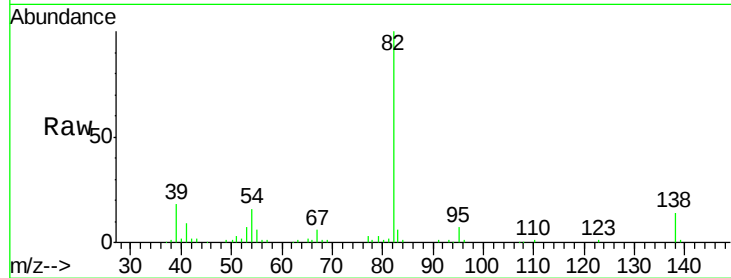
ClientSampleId :

PB82621BS

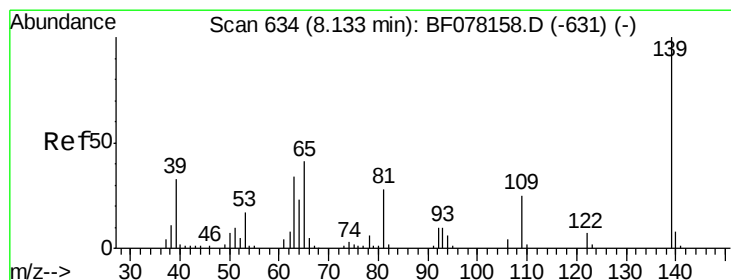
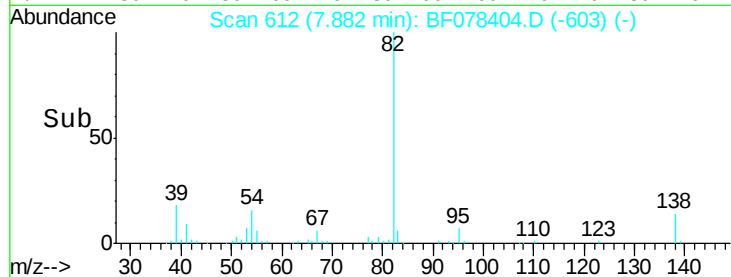
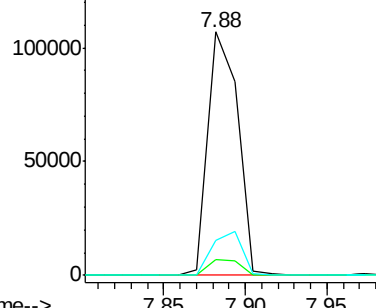
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	135605		
95	6.5	5.7	8.5	
138	14.4	15.8	23.8	

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM



Abundance Ion 82.00 (81.70 to 82.70): BF078158.D (-623) (-)



#26

2-Nitrophenol

Concen: 41.73 ng

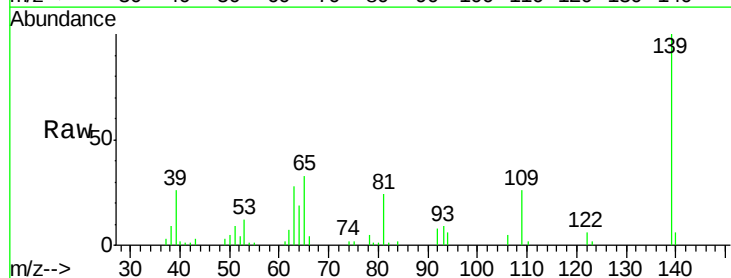
RT: 7.98 min Scan# 621

Delta R.T. 0.00 min

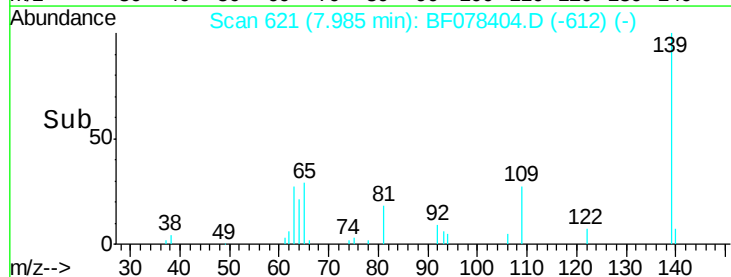
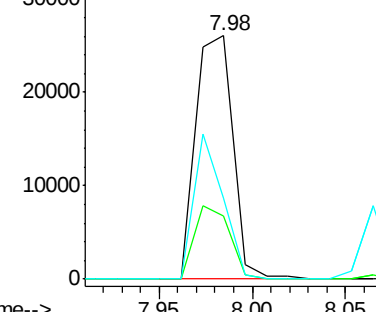
Lab File: BF078404.D

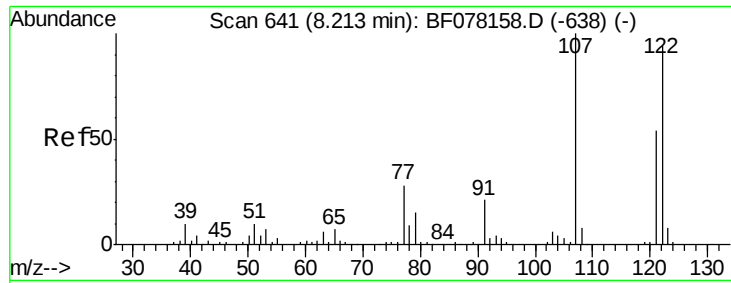
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	36478		
109	25.7	19.8	29.8	
65	33.5	32.7	49.1	



Abundance Ion 139.00 (138.70 to 139.70): BF078158.D (-631) (-)





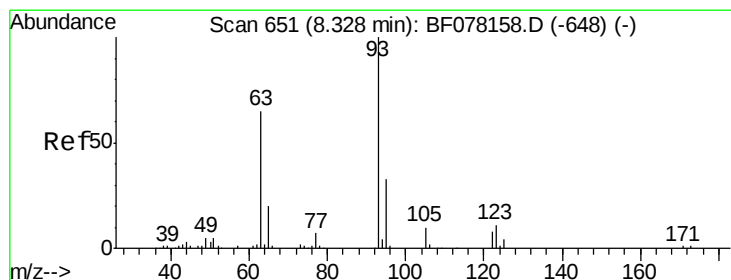
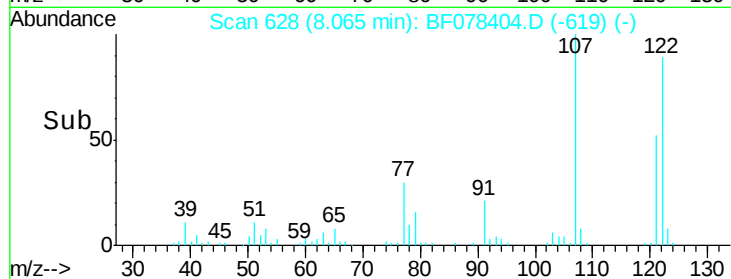
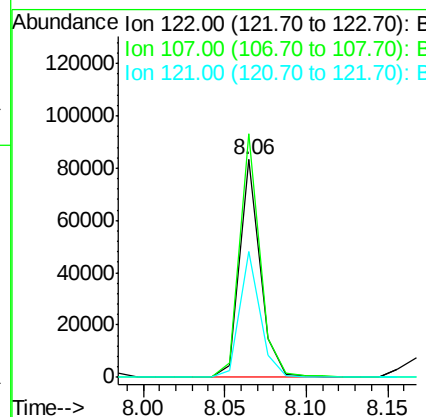
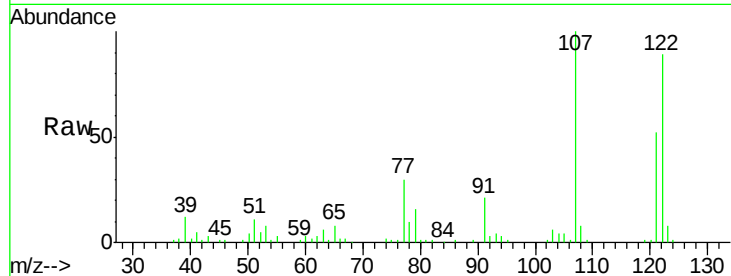
#27
 2,4-Dimethylphenol
 Concen: 44.31 ng
 RT: 8.06 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	72026		
107	111.8	84.6	127.0	
121	57.9	46.0	69.0	

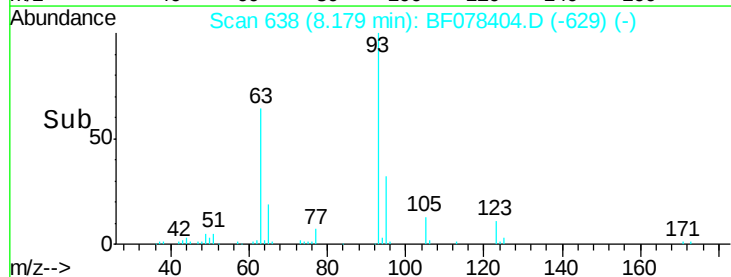
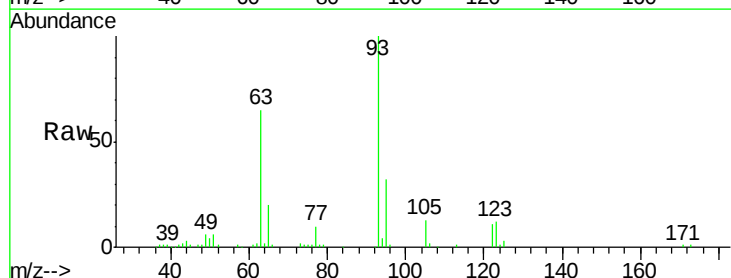
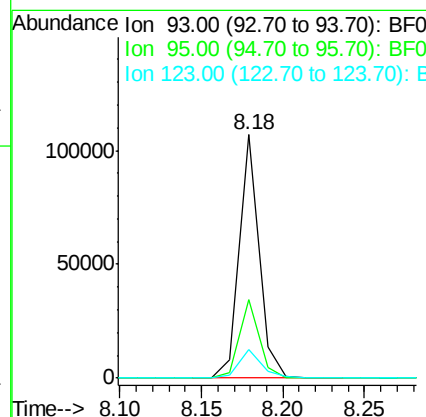
Manual Integrations
 APPROVED

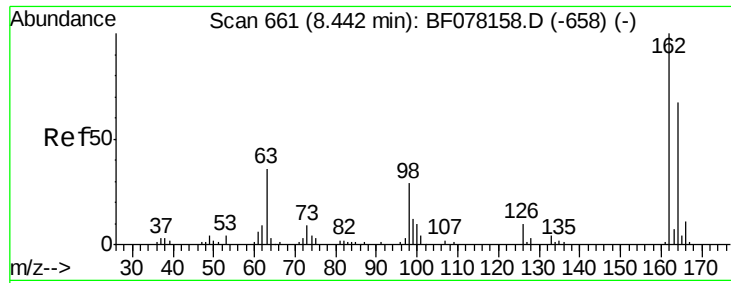
apatel
 4/13/2015 4:16:22 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.59 ng
 RT: 8.18 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	88819		
95	32.1	26.3	39.5	
123	11.7	9.1	13.7	





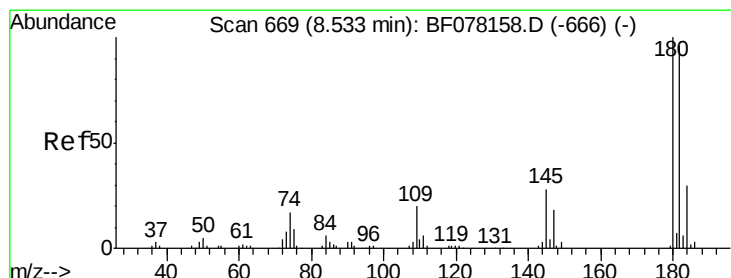
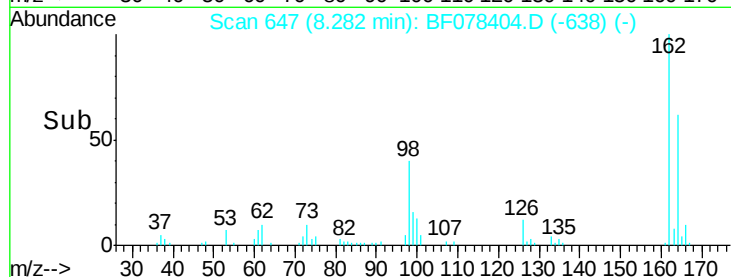
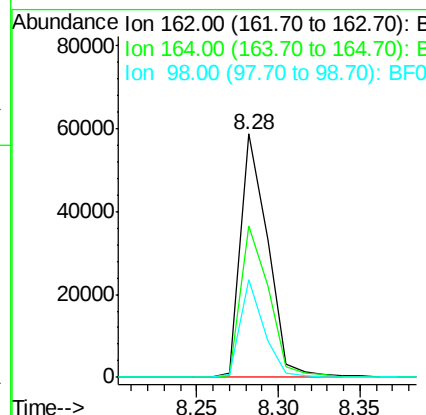
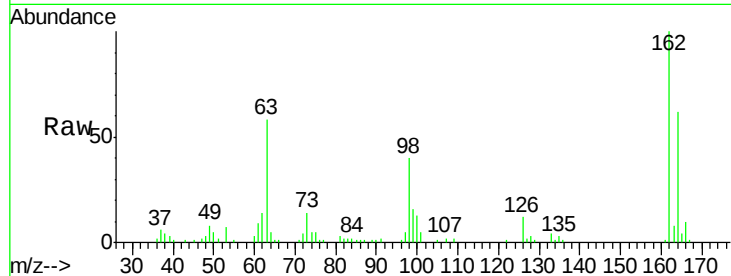
#29
 2,4-Dichlorophenol
 Concen: 45.60 ng
 RT: 8.28 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Tgt Ion:	162	Resp:	67441
Ion Ratio	Lower	Upper	
162	100		
164	62.4	47.0	87.0
98	39.9	9.2	49.2

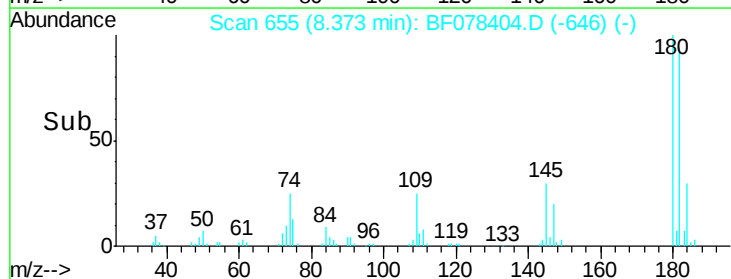
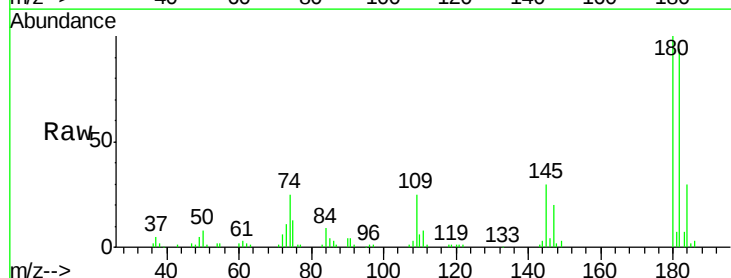
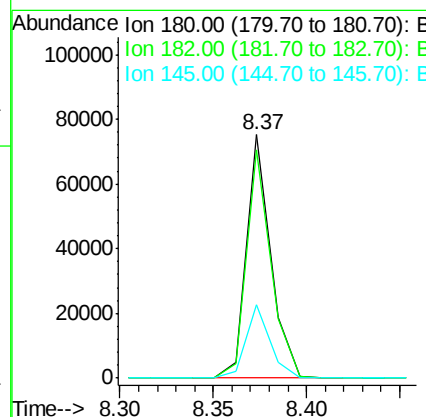
Manual Integrations
 APPROVED

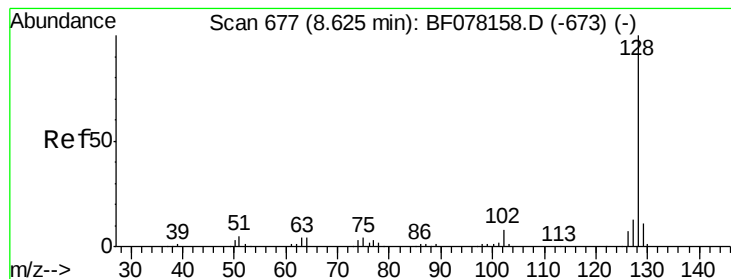
apatel
 4/13/2015 4:16:22 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.08 ng
 RT: 8.37 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion:	180	Resp:	67965
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.9	115.3
145	30.3	22.5	33.7





#31

Naphthalene

Concen: 41.05 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA_F

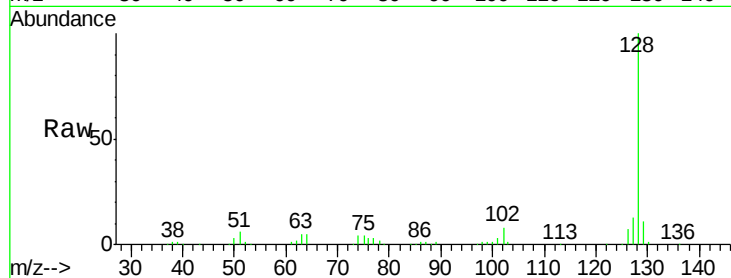
ClientSampleId :

PB82621BS

Tgt Ion:	128	Resp:	227238
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.6	12.8
127	13.0	10.7	16.1

Manual Integrations
APPROVED

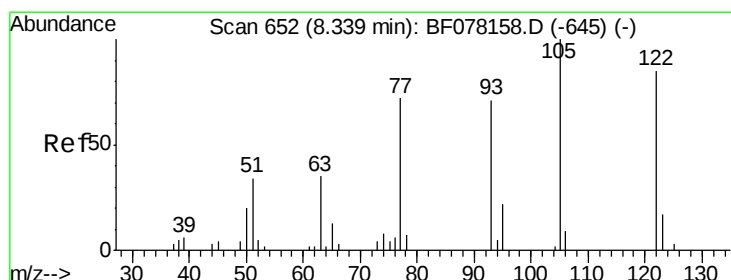
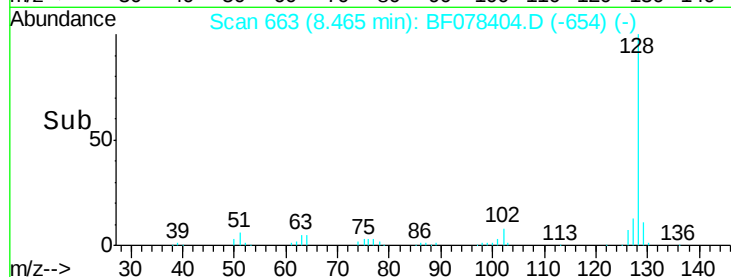
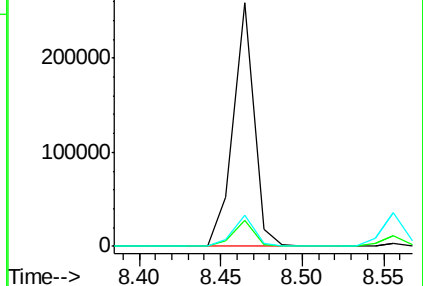
apatel
4/13/2015 4:16:22 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 51.50 ng

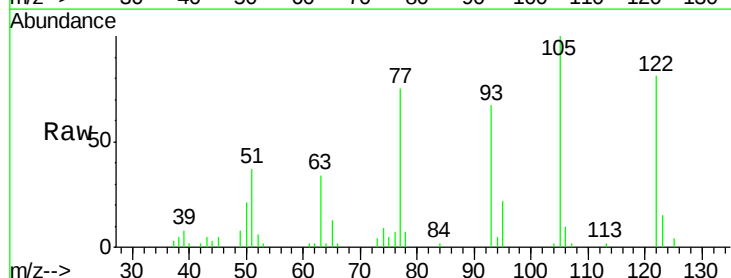
RT: 8.19 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

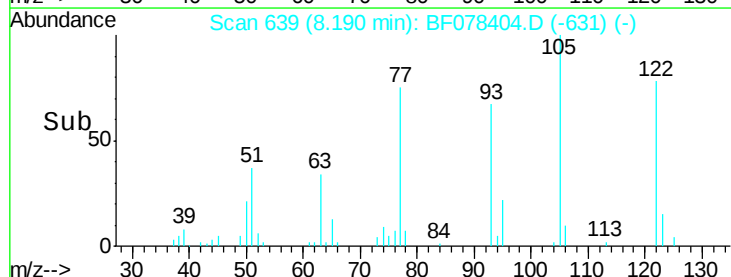
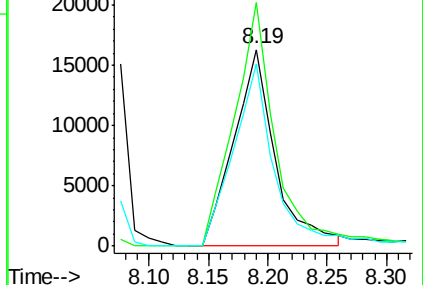
Tgt Ion:	122	Resp:	39734
Ion Ratio	Lower	Upper	
122	100		
105	123.7	96.1	136.1
77	92.8	64.1	104.1

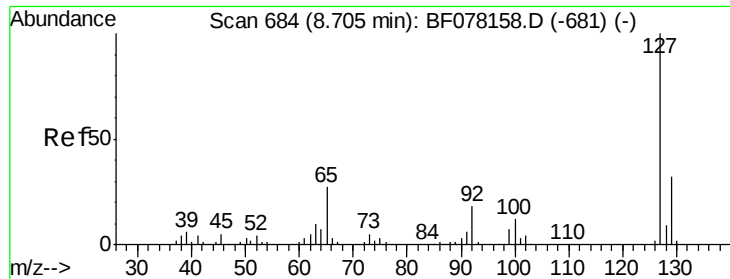


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





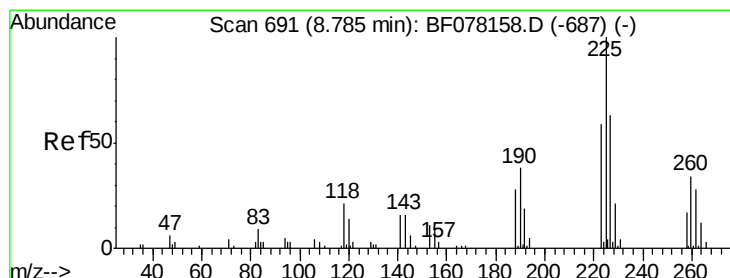
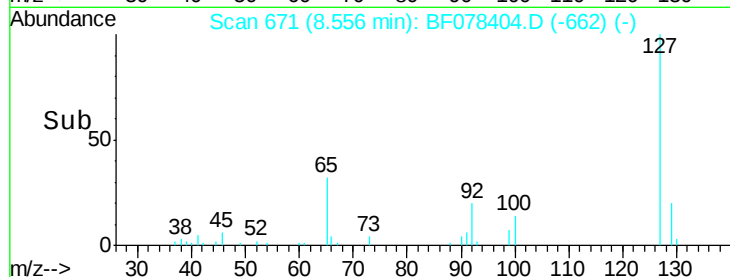
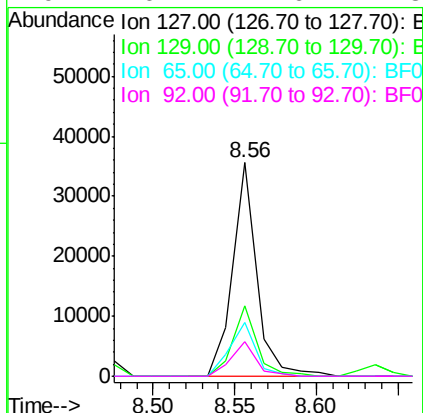
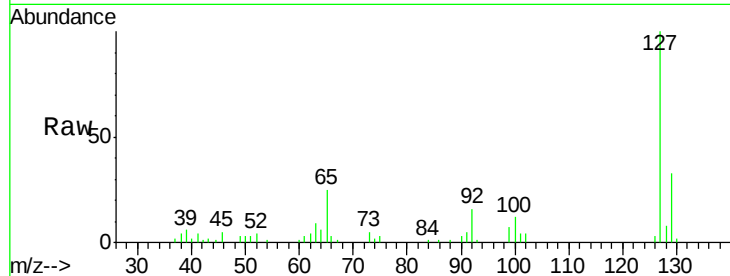
#33
 4-Chloroaniline
 Concen: 15.74 ng
 RT: 8.56 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleID :
 PB82621BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	36164		
129	33.2	25.5	38.3	
65	25.4	21.7	32.5	
92	16.1	14.6	21.8	

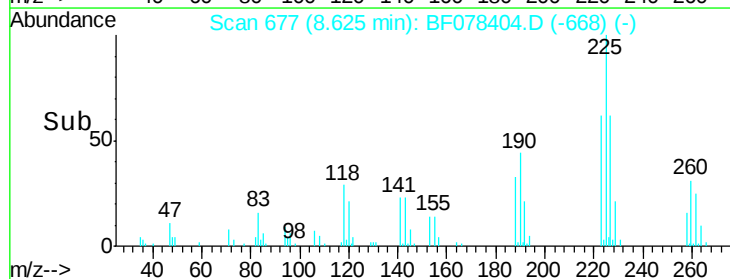
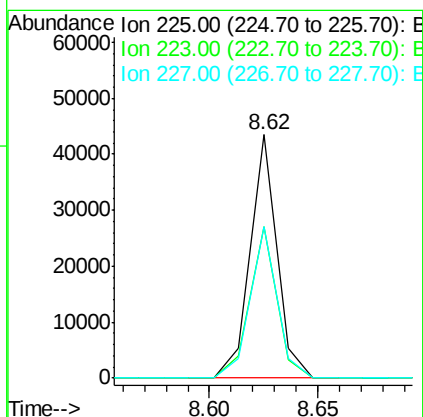
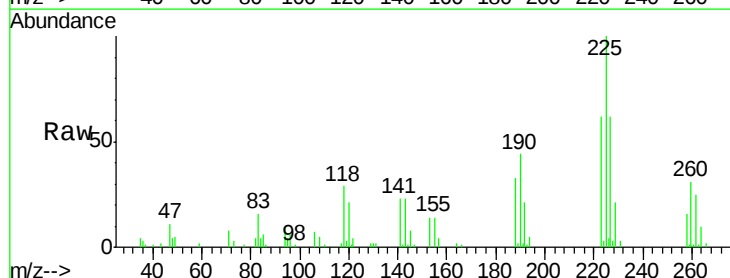
Manual Integrations
 APPROVED

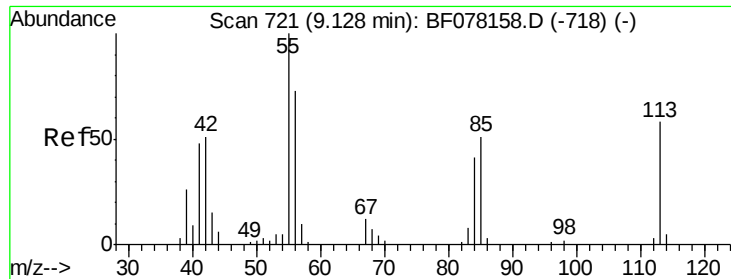
apatel
 4/13/2015 4:16:22 PM



#34
 Hexachlorobutadiene
 Concen: 39.93 ng
 RT: 8.62 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	37174		
223	62.0	47.5	71.3	
227	62.3	50.2	75.2	





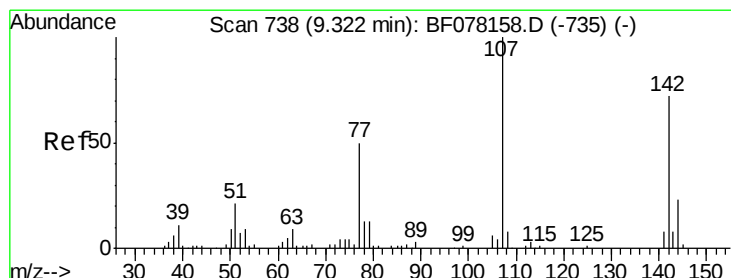
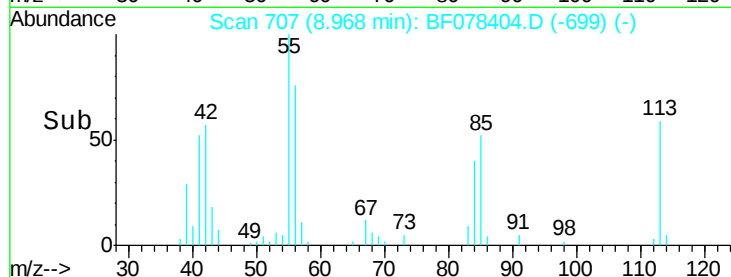
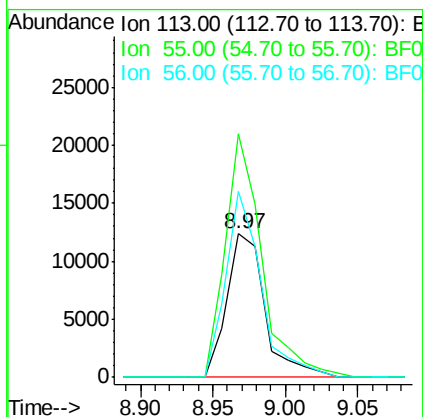
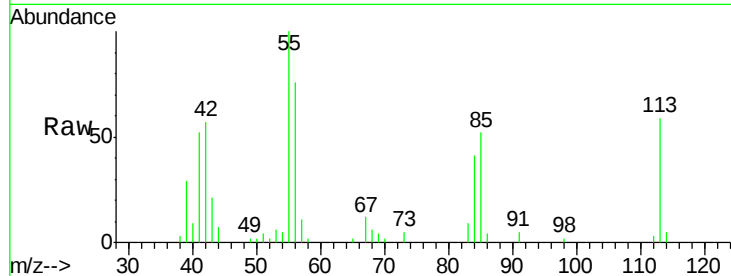
#35
Caprolactam
Concen: 51.34 ng
RT: 8.97 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion:113 Resp: 22662
Ion Ratio Lower Upper
113 100
55 169.8 151.9 191.9
56 129.8 106.1 146.1

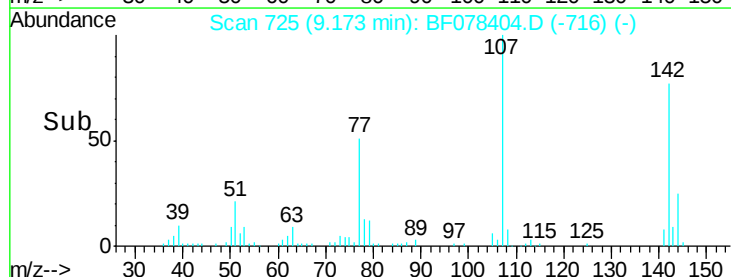
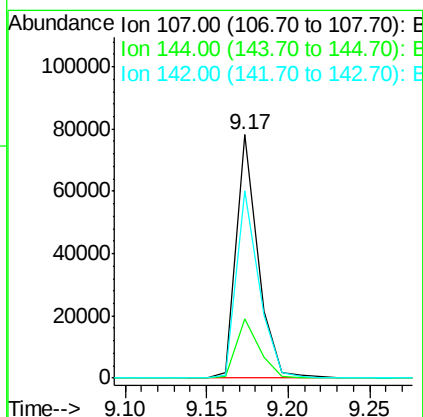
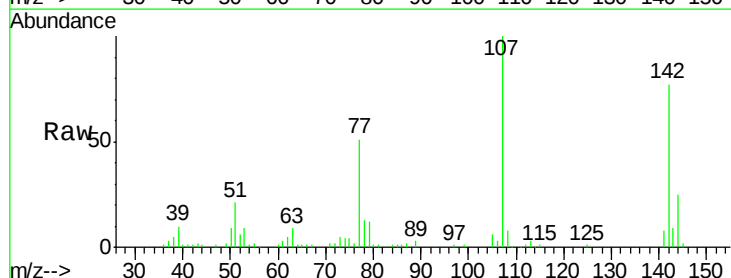
Manual Integrations
APPROVED

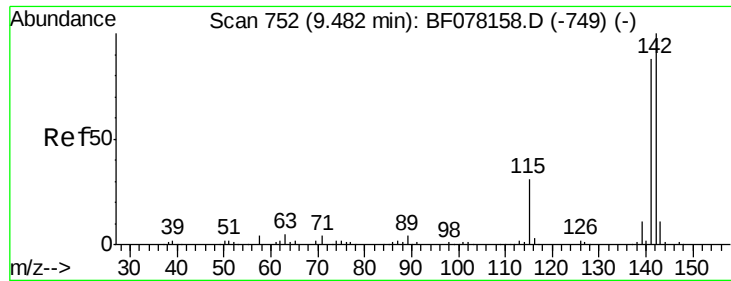
apatel
4/13/2015 4:16:22 PM



#36
4-Chloro-3-methylphenol
Concen: 48.06 ng
RT: 9.17 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion:107 Resp: 71718
Ion Ratio Lower Upper
107 100
144 24.5 18.2 27.2
142 77.0 58.0 87.0





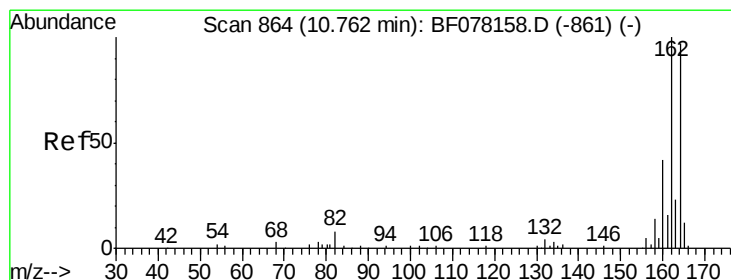
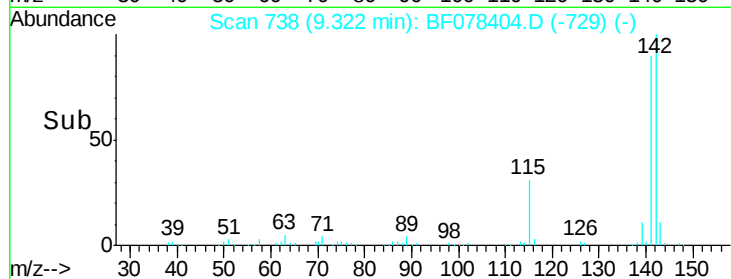
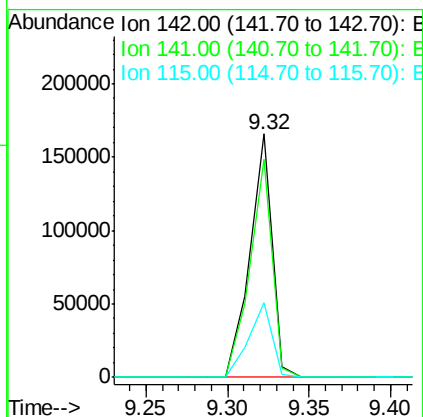
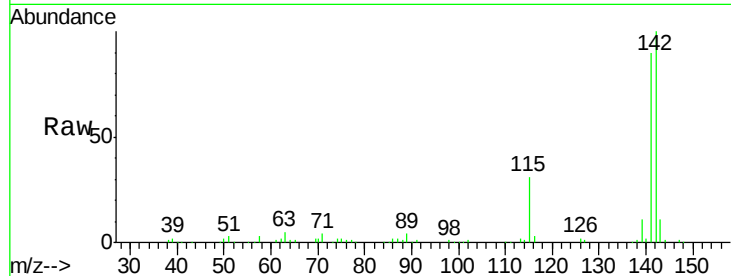
#37
 2-Methylnaphthalene
 Concen: 41.96 ng
 RT: 9.32 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.3	105.5
115	30.5	24.6	37.0

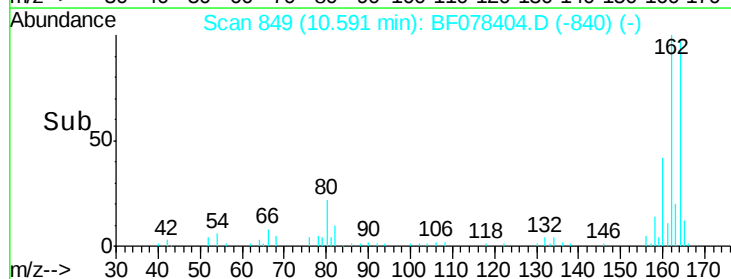
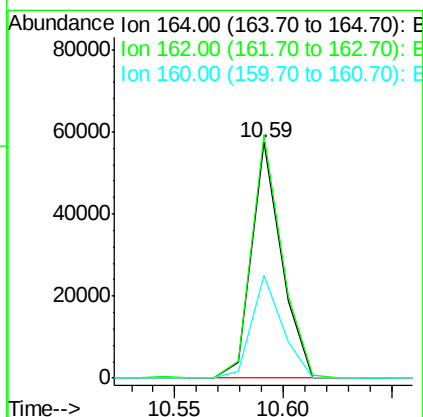
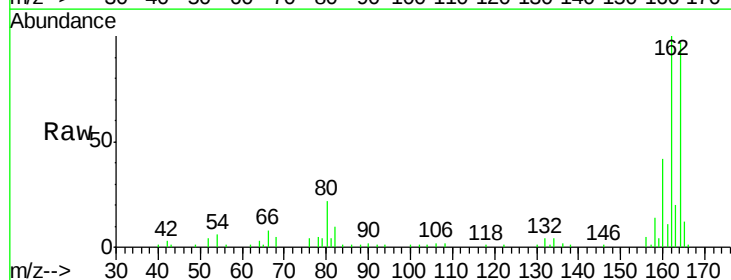
Manual Integrations
 APPROVED

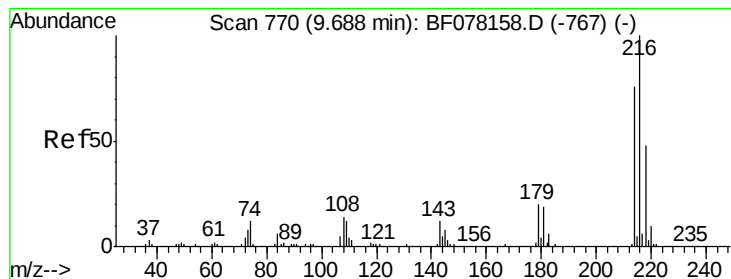
apatel
 4/13/2015 4:16:22 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.2	123.2
160	43.7	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.53 ng

RT: 9.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA_F

ClientSampleID :

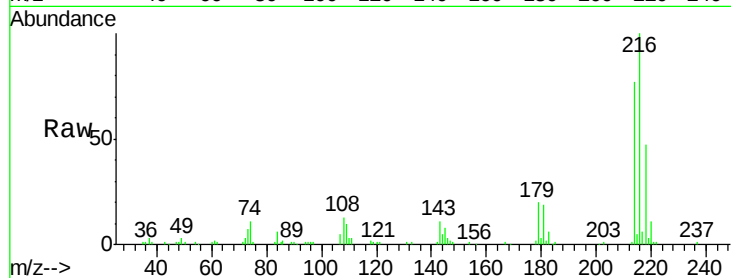
PB82621BS

Manual Integrations
APPROVED

apatel

4/13/2015 4:16:22 PM

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	67125		
214	78.7	62.0	93.0	
179	22.2	17.3	25.9	
108	19.6	14.6	21.8	

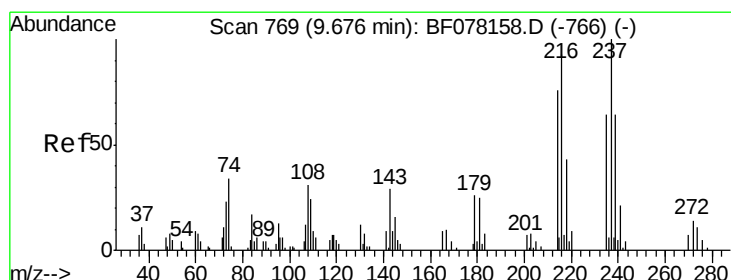
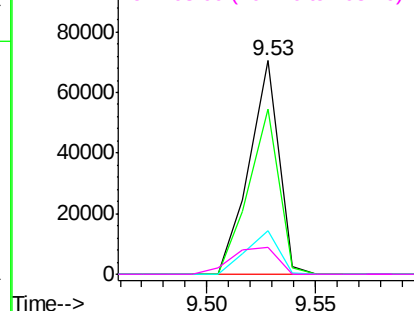
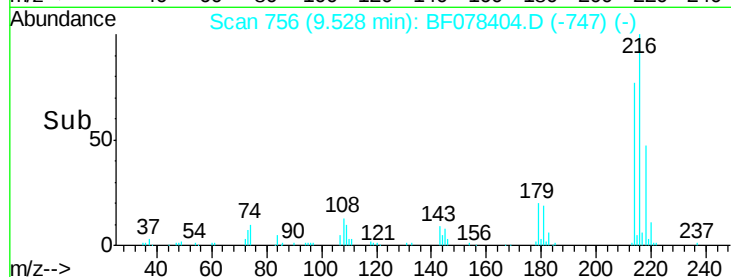


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.62 ng

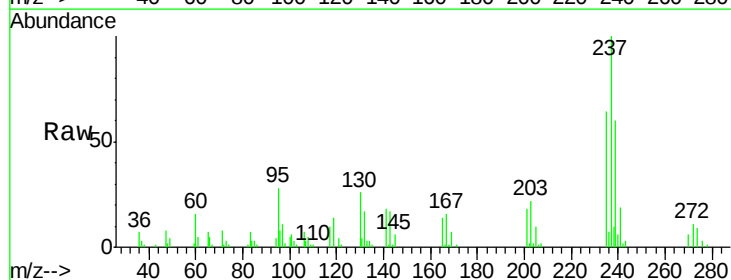
RT: 9.50 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

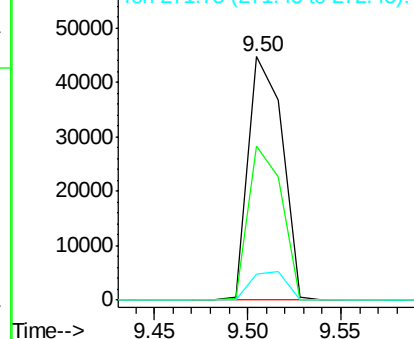
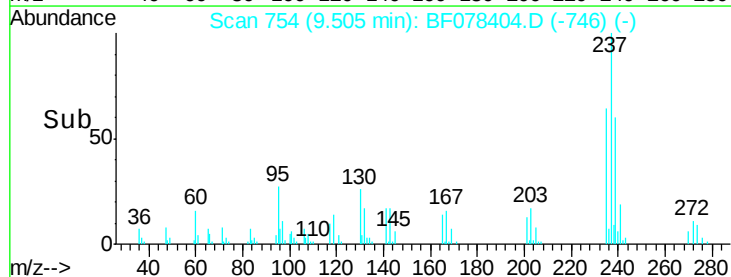
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	56580		
235	63.5	44.1	84.1	
272	10.8	0.0	34.4	

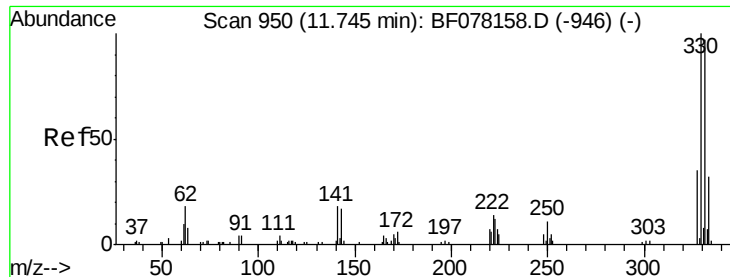


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





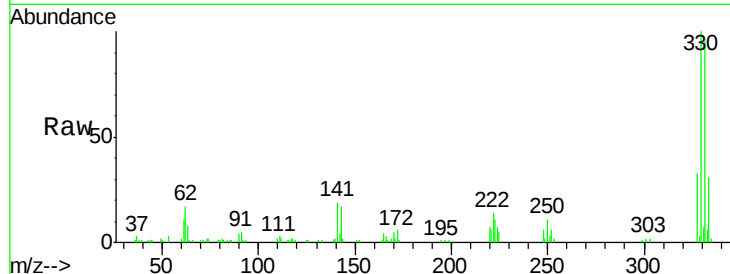
#41
 2,4,6-Tribromophenol
 Concen: 152.92 ng
 RT: 11.57 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

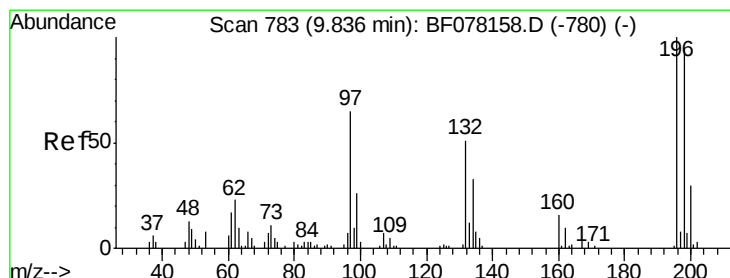
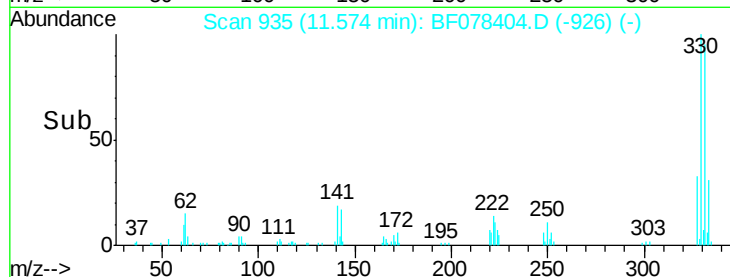
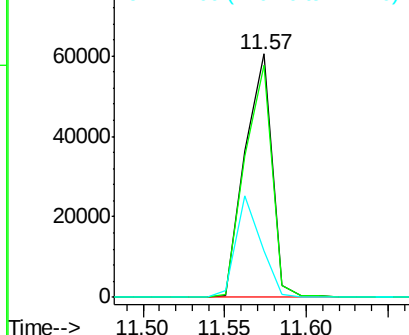
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	69503		
332	95.9	78.6	117.8	
141	38.4	31.2	46.8	

Manual Integrations
 APPROVED

apatel
 4/13/2015 4:16:22 PM



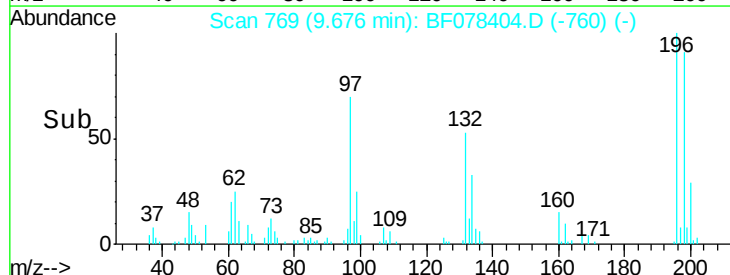
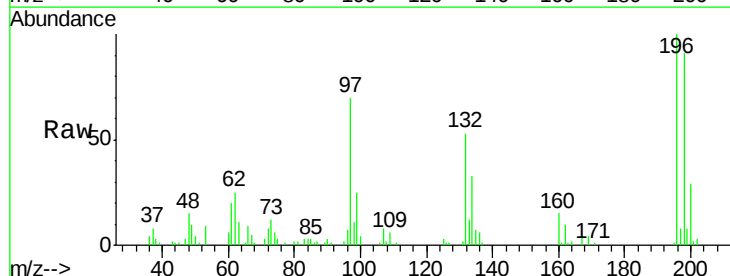
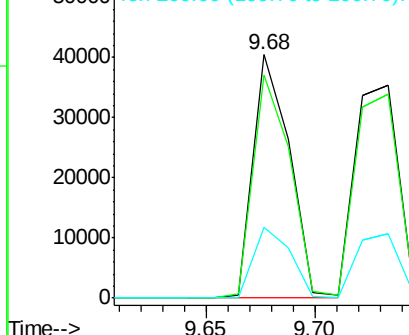
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

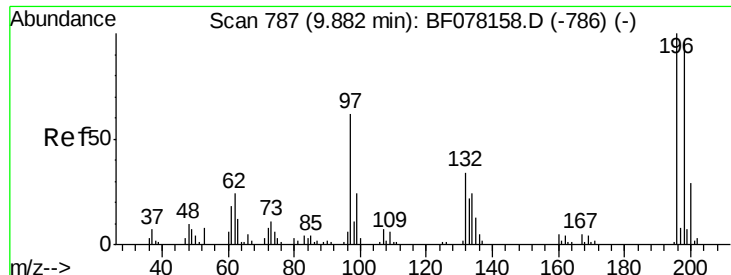


#42
 2,4,6-Trichlorophenol
 Concen: 44.23 ng
 RT: 9.68 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	47364		
198	91.5	75.4	113.2	
200	28.9	24.0	36.0	

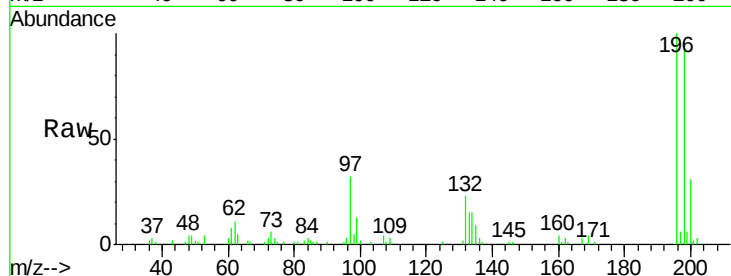
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 45.01 ng
 RT: 9.73 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

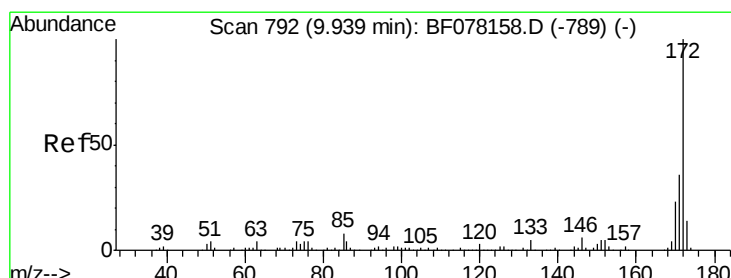
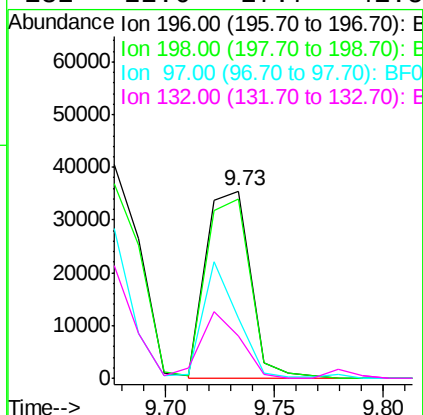
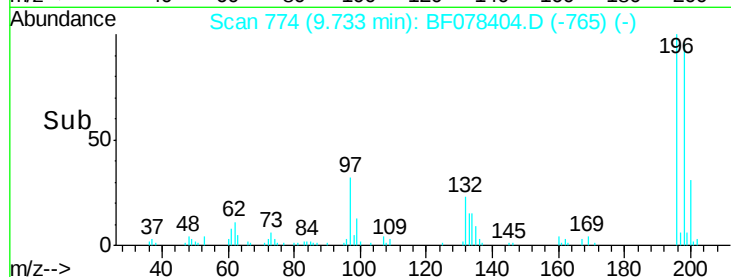
Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS



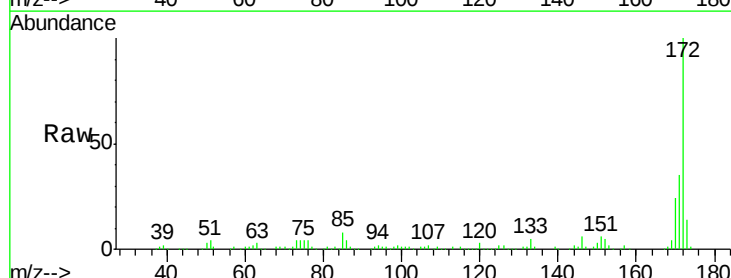
Tgt Ion:	196	Resp:	50354
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.6	115.0
97	32.3	50.6	75.8#
132	22.6	27.7	41.5#

Manual Integrations
 APPROVED

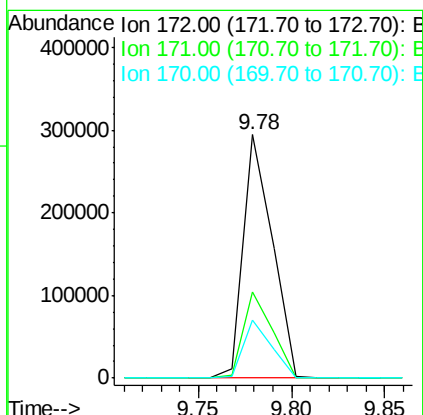
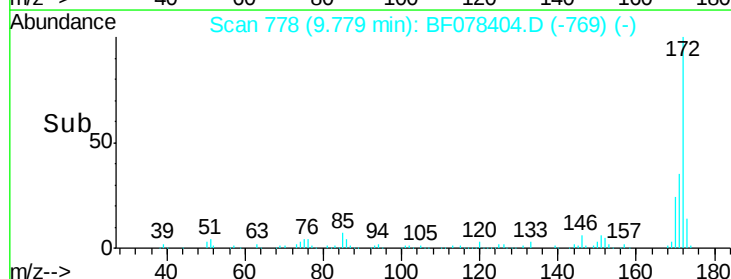
apatel
 4/13/2015 4:16:22 PM

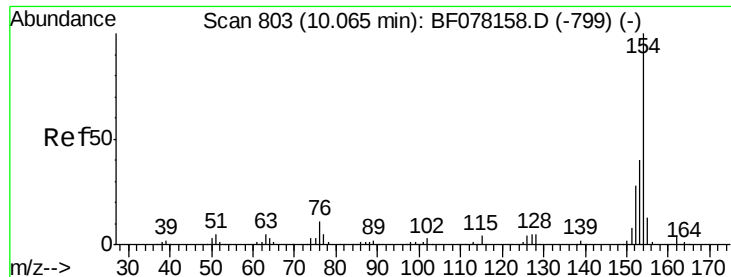


#44
 2-Fluorobiphenyl
 Concen: 83.02 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29



Tgt Ion:	172	Resp:	318268
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.6	42.8
170	23.6	18.5	27.7





#45

1,1'-Biphenyl

Concen: 41.66 ng

RT: 9.90 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF078404.D

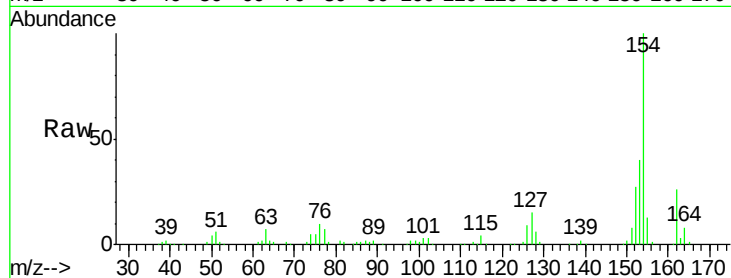
Acq: 10 Apr 2015 17:29

Instrument :

BNA_F

ClientSampleId :

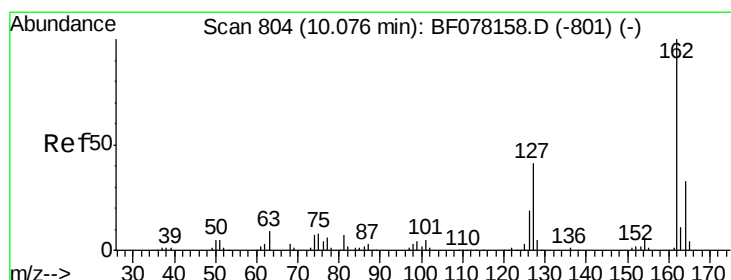
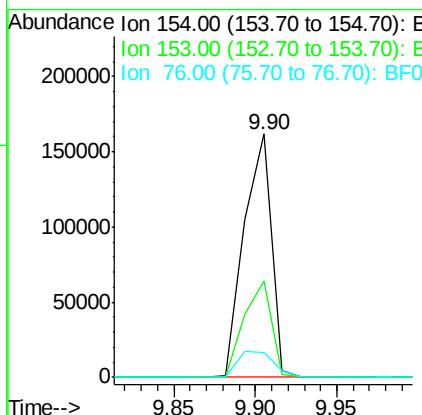
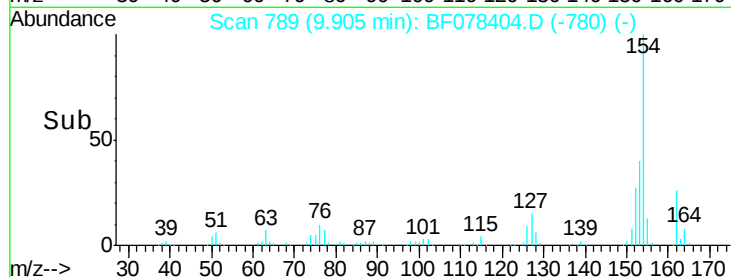
PB82621BS



Tgt Ion:	154	Resp:	186759
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.0	60.0
76	10.2	0.0	30.6

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM



#46

2-Chloronaphthalene

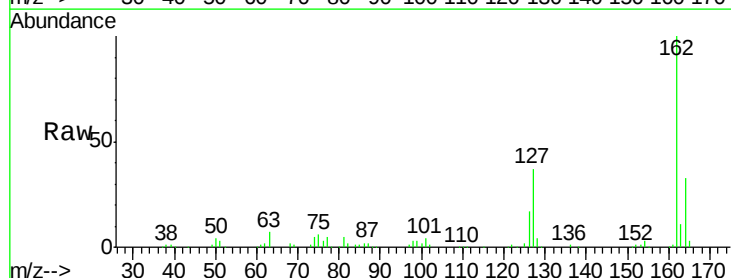
Concen: 42.74 ng

RT: 9.92 min Scan# 790

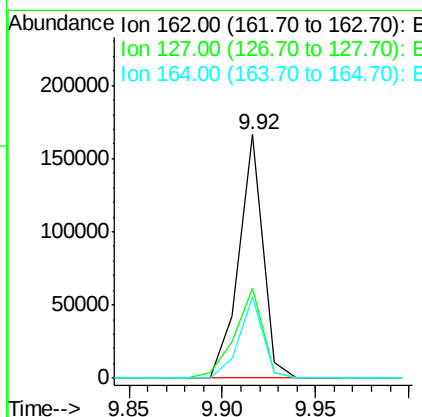
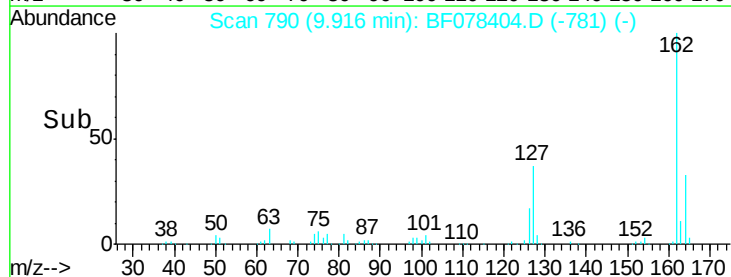
Delta R.T. 0.00 min

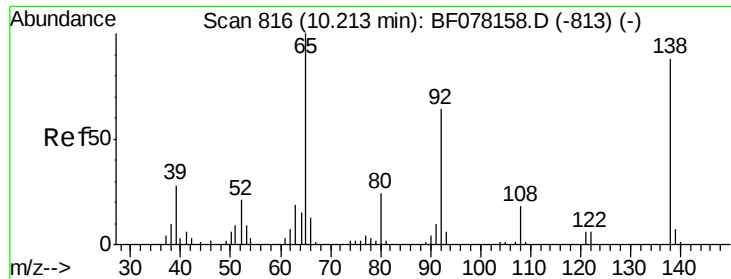
Lab File: BF078404.D

Acq: 10 Apr 2015 17:29



Tgt Ion:	162	Resp:	150756
Ion Ratio	Lower	Upper	
162	100		
127	36.8	32.6	49.0
164	33.4	26.0	39.0





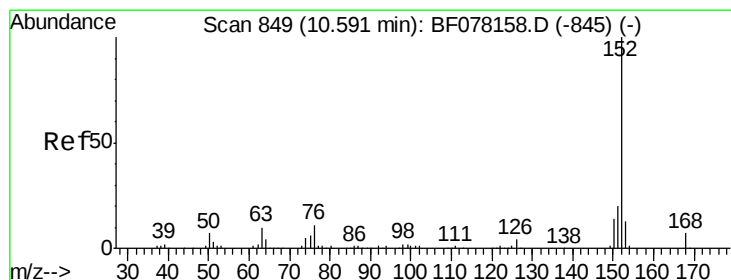
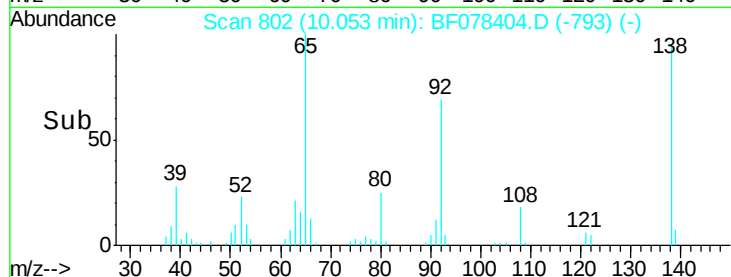
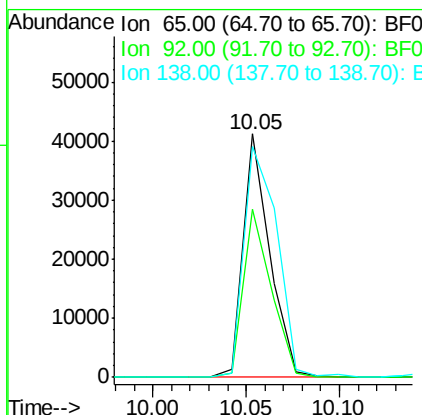
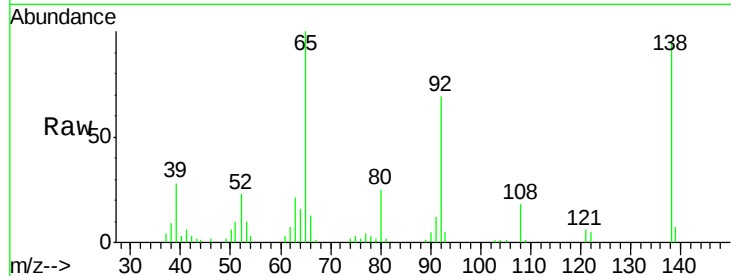
#47
2-Nitroaniline
Concen: 46.95 ng
RT: 10.05 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.0	51.3	76.9
138	94.6	70.4	105.6

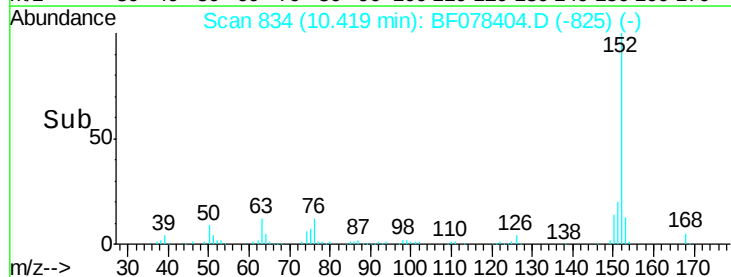
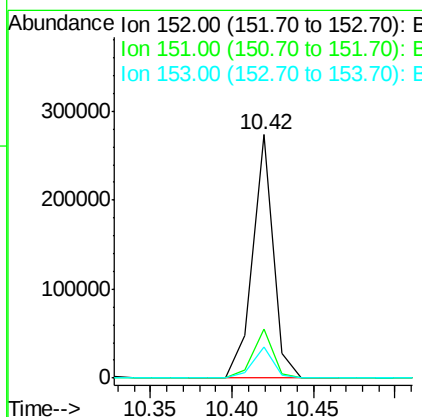
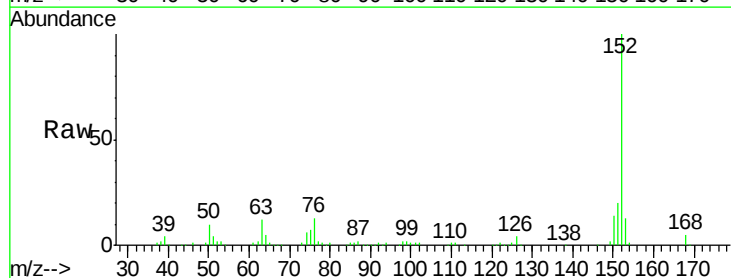
Manual Integrations
APPROVED

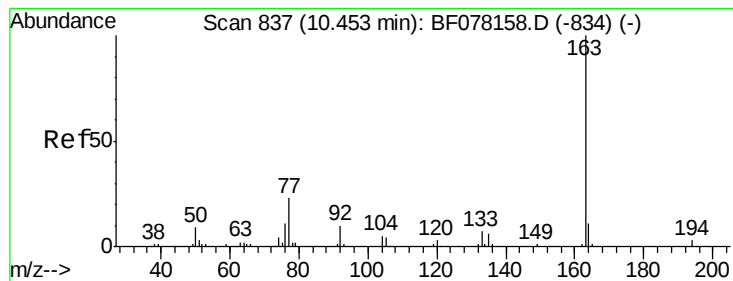
apatel
4/13/2015 4:16:22 PM



#48
Acenaphthylene
Concen: 42.25 ng
RT: 10.42 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.9	10.2	15.2





#49

Dimethylphthalate

Concen: 41.41 ng

RT: 10.29 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA_F

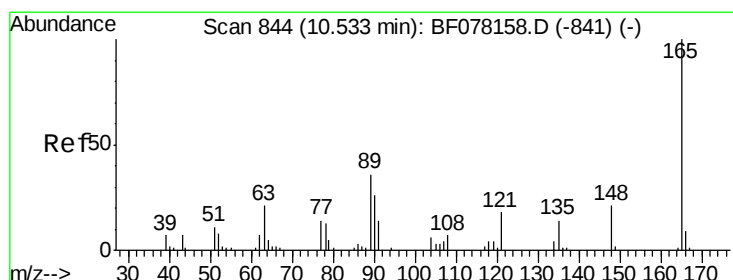
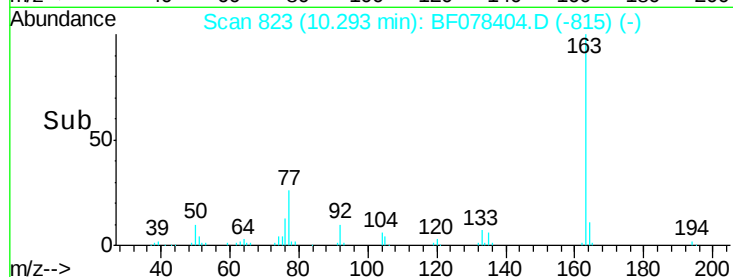
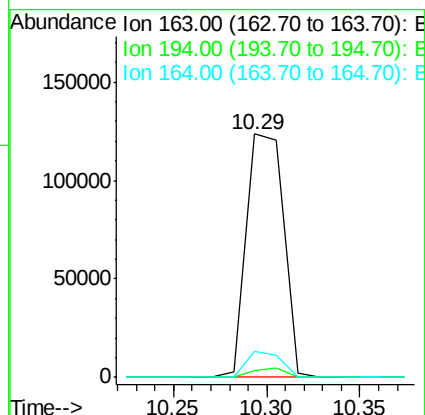
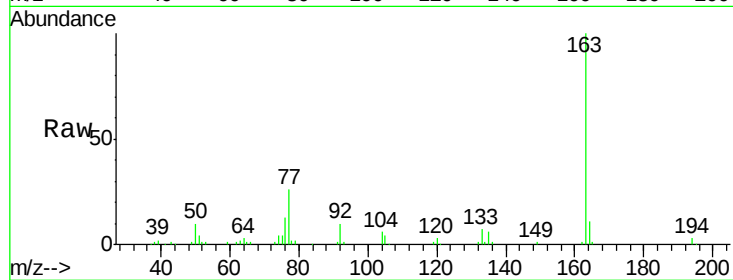
ClientSampleId :

PB82621BS

Tgt Ion:	163	Resp:	170481
Ion Ratio	Lower	Upper	
163	100		
194	2.8	2.3	3.5
164	10.6	8.6	13.0

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM



#50

2,6-Dinitrotoluene

Concen: 43.81 ng

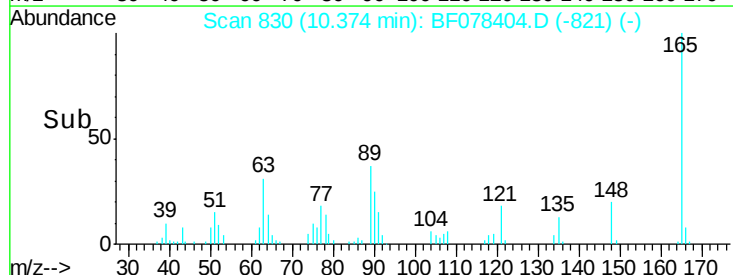
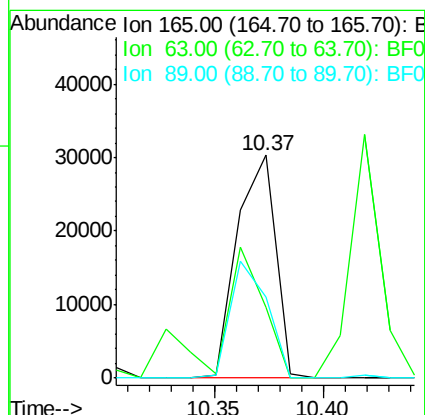
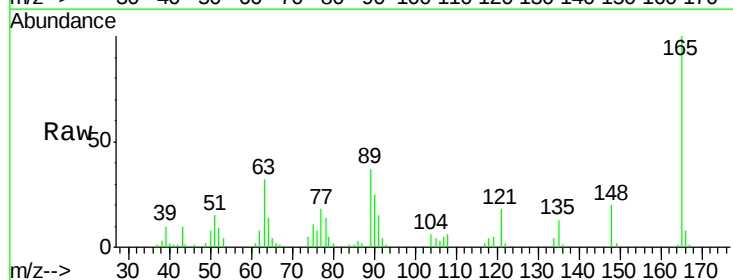
RT: 10.37 min Scan# 830

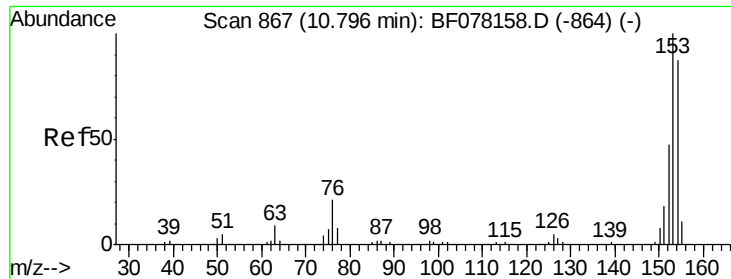
Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Tgt Ion:	165	Resp:	37106
Ion Ratio	Lower	Upper	
165	100		
63	31.8	24.1	36.1
89	36.6	28.9	43.3





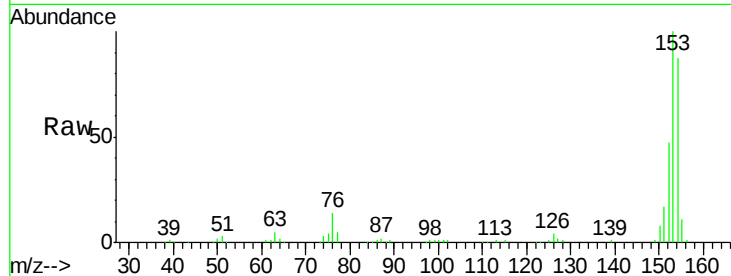
#51
Acenaphthene
Concen: 42.89 ng
RT: 10.64 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

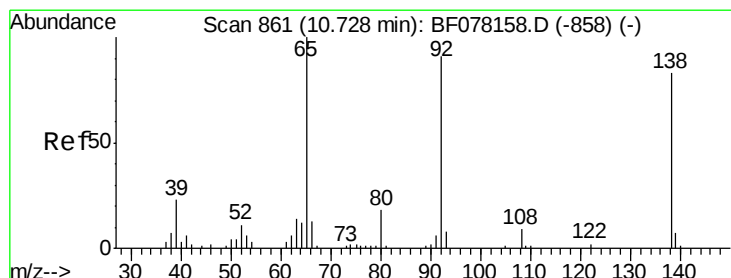
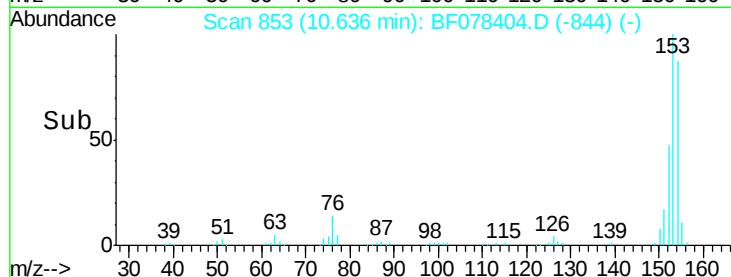
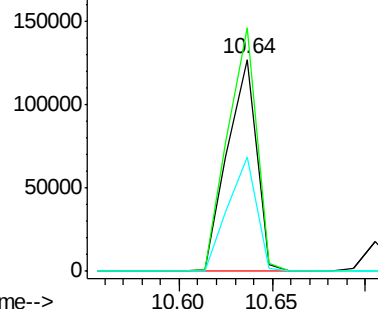
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	137540		
153	114.7	91.4	137.2	
152	53.8	43.0	64.6	

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM



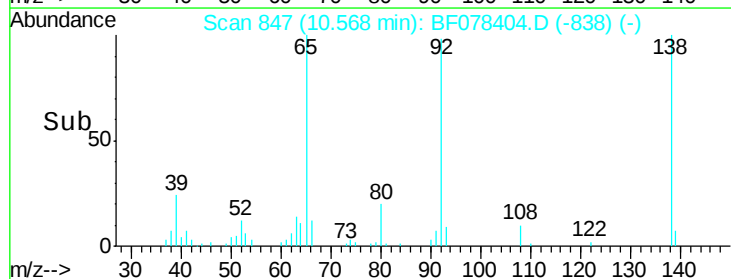
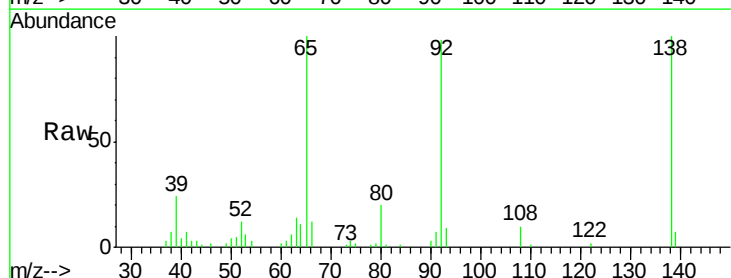
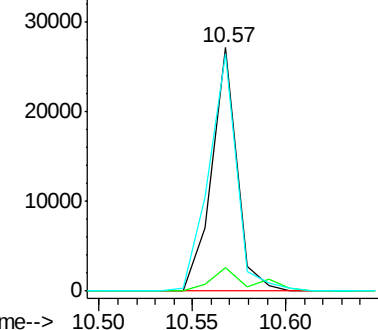
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

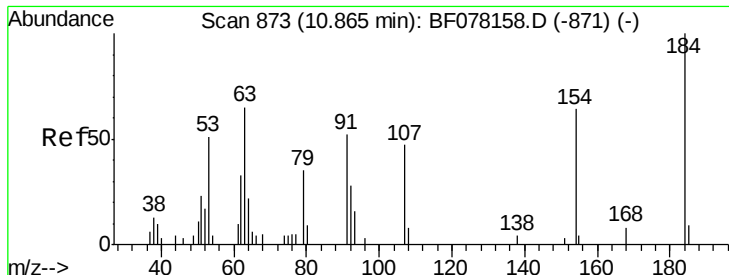


#52
3-Nitroaniline
Concen: 26.62 ng
RT: 10.57 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	25636		
108	9.7	8.2	12.4	
92	97.5	88.4	132.6	

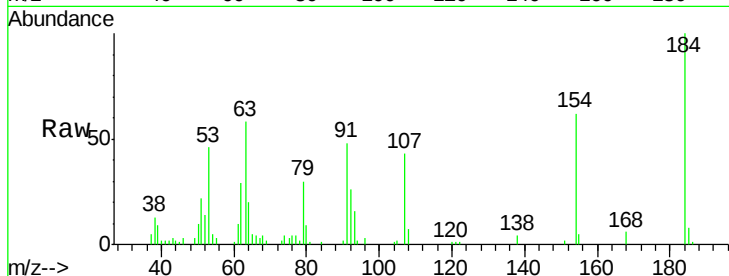
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 84.82 ng
RT: 10.70 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

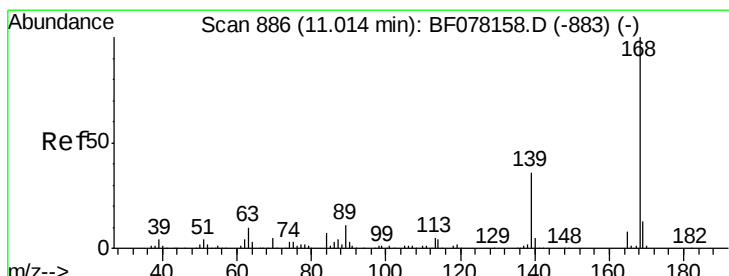
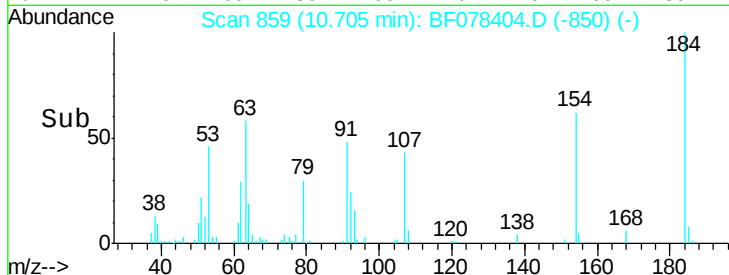
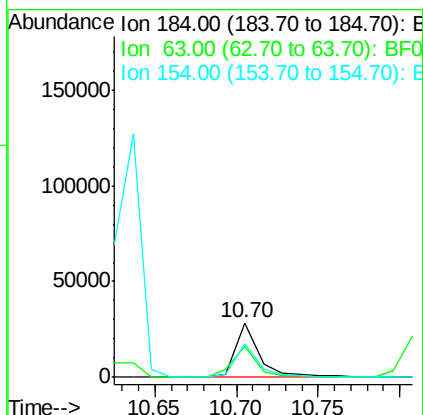
Instrument :
BNA_F
ClientSampleId :
PB82621BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	28776		
63	58.1	51.9	77.9	
154	62.3	51.0	76.4	

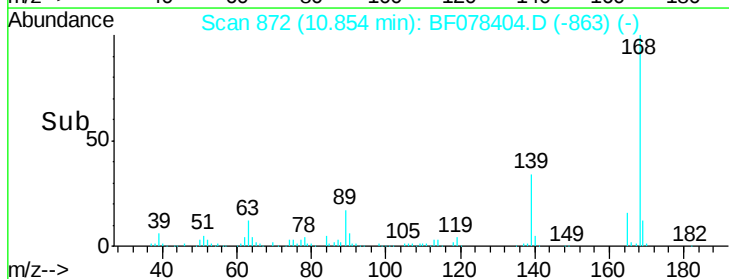
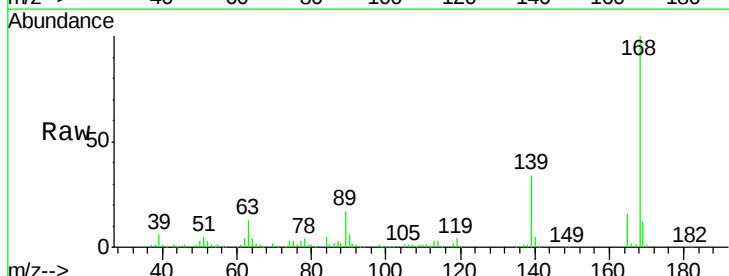
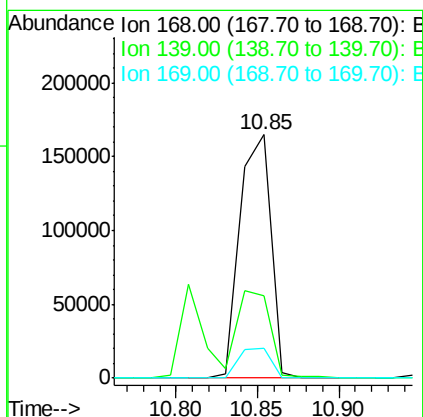
Manual Integrations
APPROVED

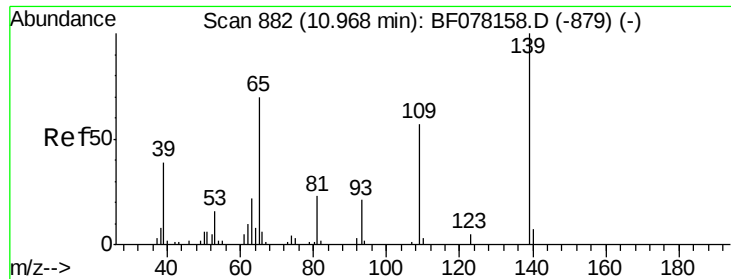
apatel
4/13/2015 4:16:22 PM



#54
Dibenzofuran
Concen: 44.14 ng
RT: 10.85 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	216180		
139	33.8	31.0	46.4	
169	12.4	10.7	16.1	





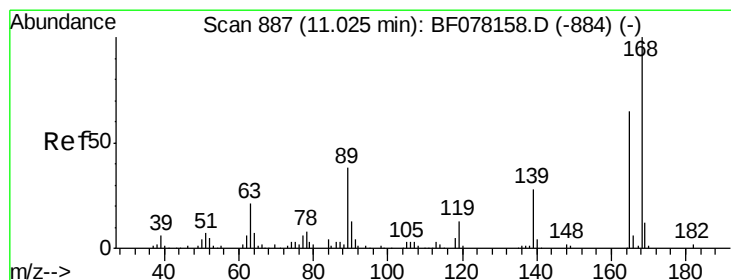
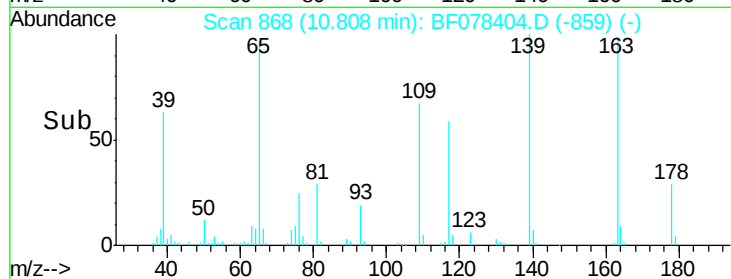
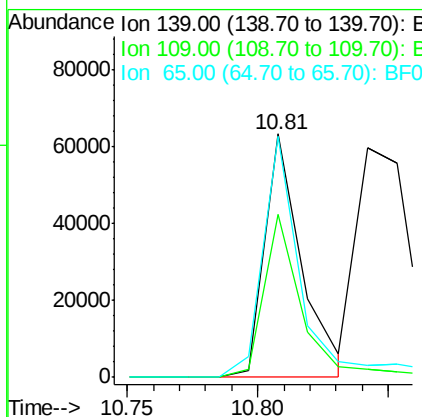
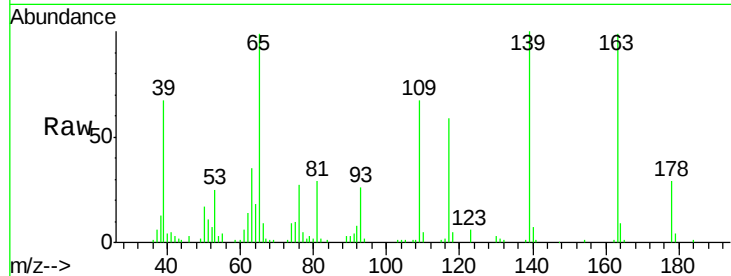
#55
4-Nitrophenol
Concen: 88.45 ng
RT: 10.81 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	62945		
109	67.0	36.7	76.7	
65	99.1	49.9	89.9	

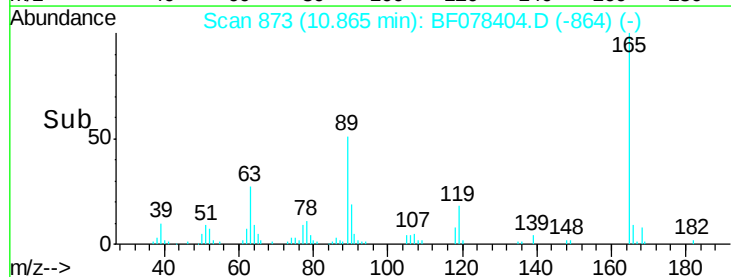
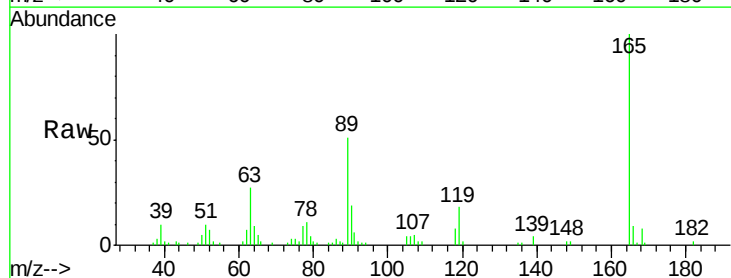
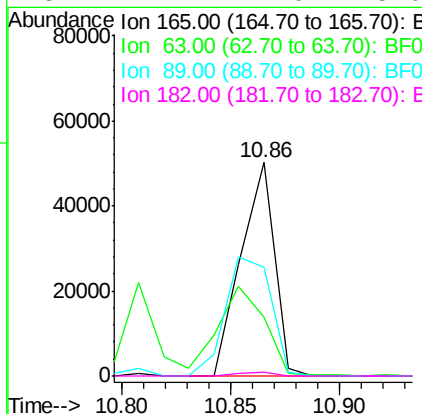
Manual Integrations
APPROVED

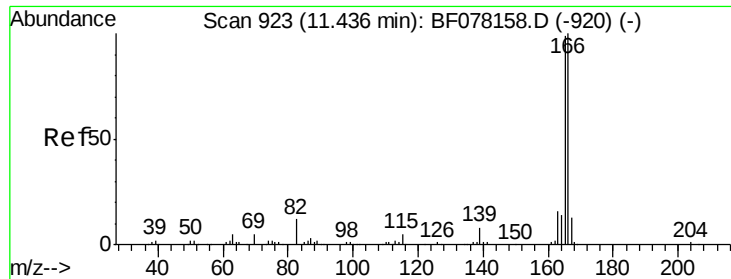
apatel
4/13/2015 4:16:22 PM



#56
2,4-Dinitrotoluene
Concen: 49.10 ng
RT: 10.86 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	53862		
63	27.5	26.5	39.7	
89	51.1	46.4	69.6	
182	2.1	2.0	3.0	





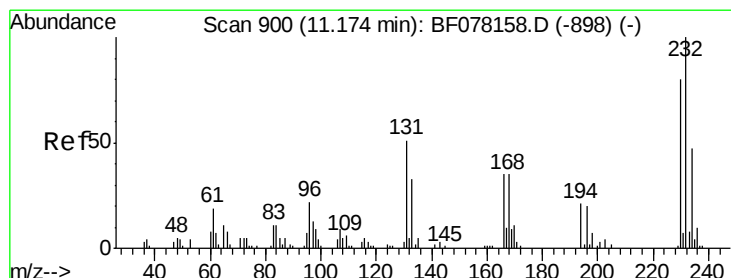
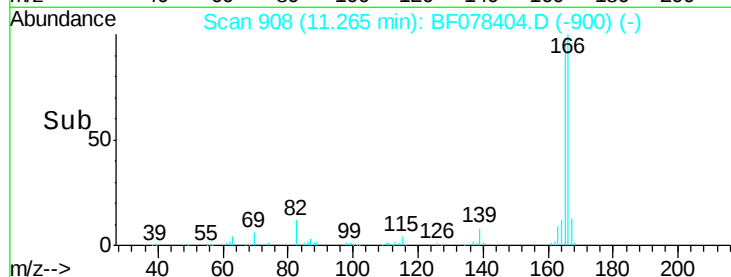
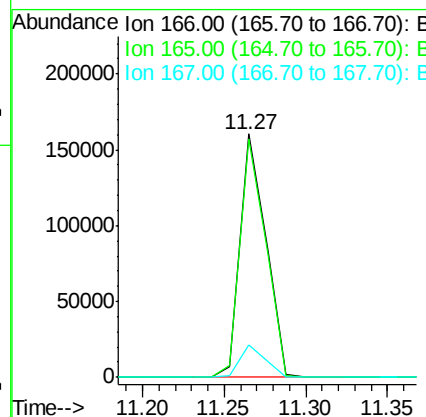
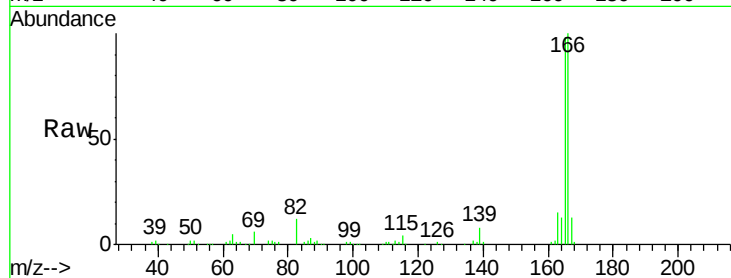
#57
 Fluorene
 Concen: 43.81 ng
 RT: 11.27 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	173924		
165	97.9	78.9	118.3	
167	13.5	10.7	16.1	

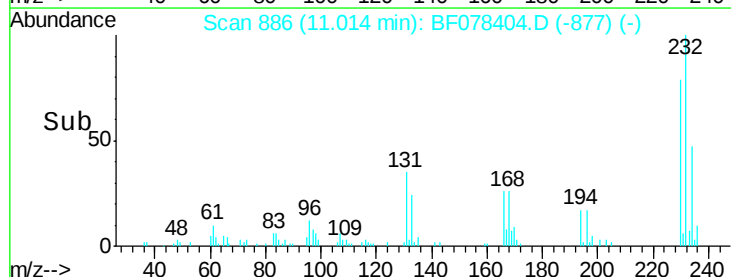
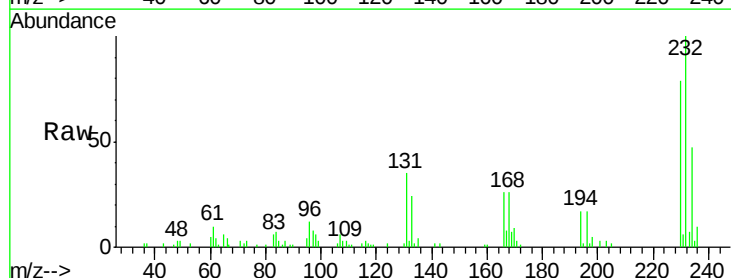
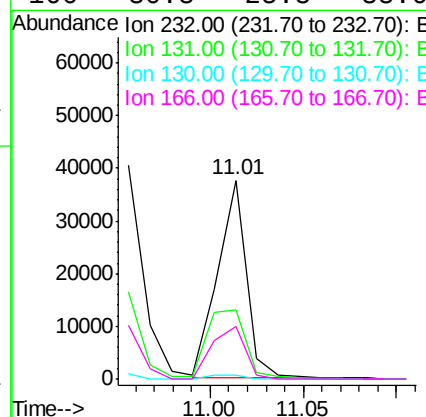
Manual Integrations
 APPROVED

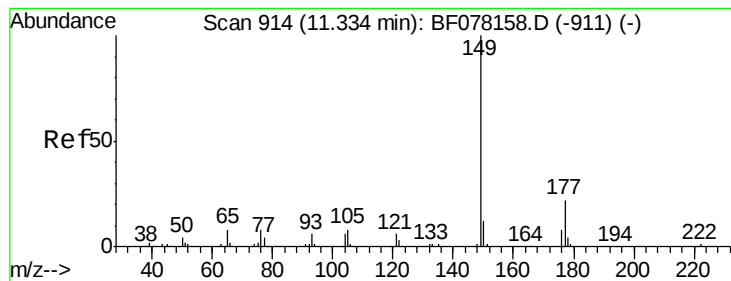
apatel
 4/13/2015 4:16:22 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.77 ng
 RT: 11.01 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	40453		
131	47.2	37.8	56.8	
130	2.3	1.5	2.3#	
166	30.8	25.8	38.6	





#59

Diethylphthalate

Concen: 44.38 ng

RT: 11.17 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA_F

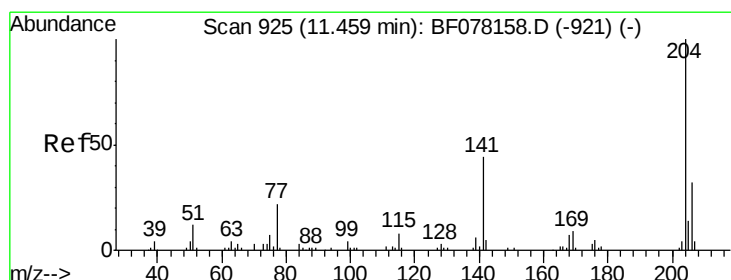
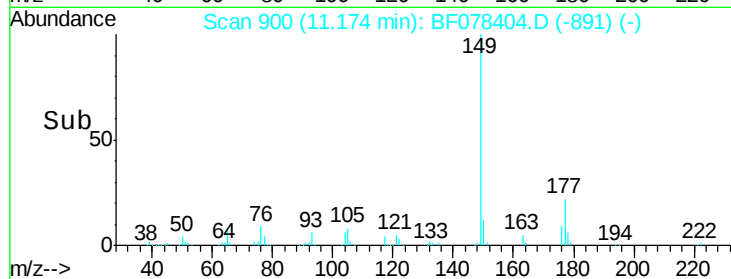
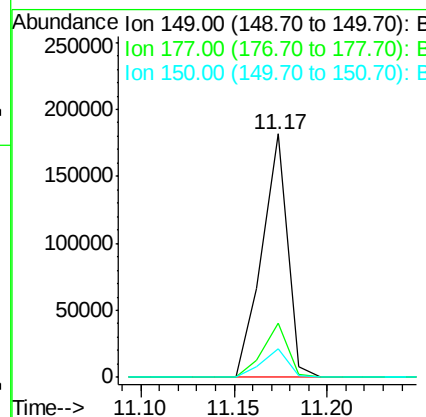
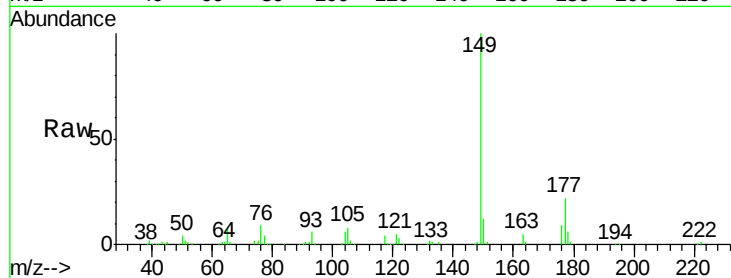
ClientSampleId :

PB82621BS

Tgt Ion:	149	Resp:	176168
Ion Ratio	Lower	Upper	
149	100		
177	22.4	17.4	26.2
150	11.8	9.4	14.2

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM



#60

4-Chlorophenyl-phenylether

Concen: 44.41 ng

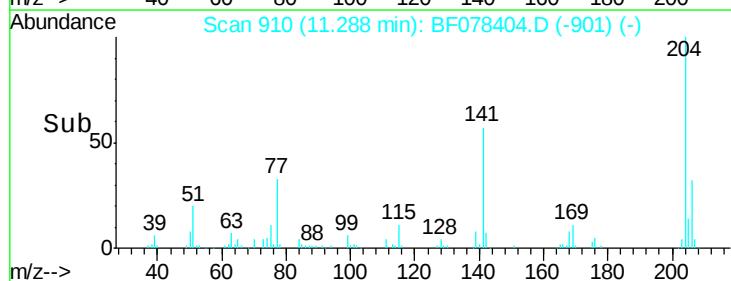
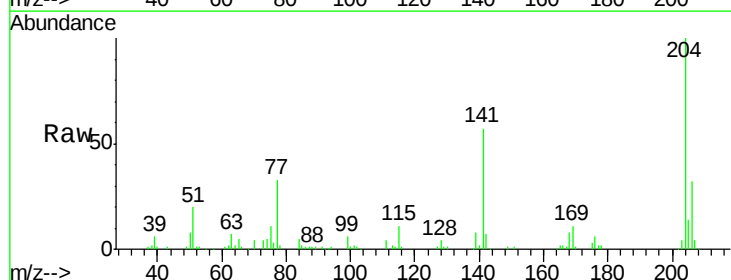
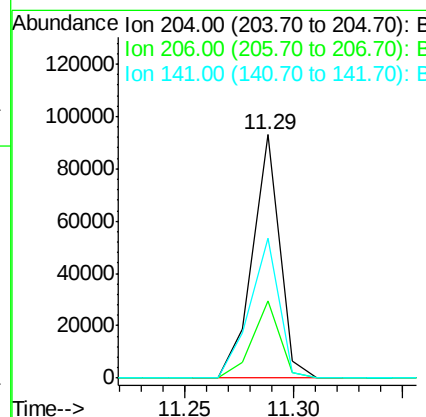
RT: 11.29 min Scan# 910

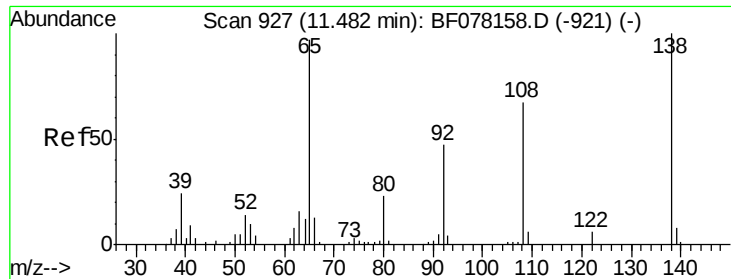
Delta R.T. 0.00 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Tgt Ion:	204	Resp:	81100
Ion Ratio	Lower	Upper	
204	100		
206	31.9	25.6	38.4
141	57.3	35.4	53.0#





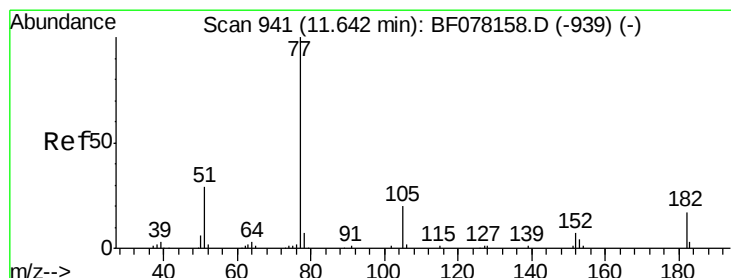
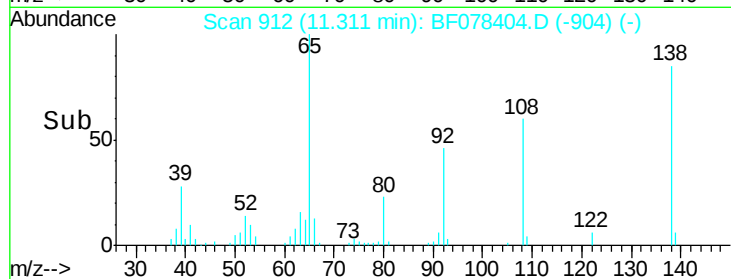
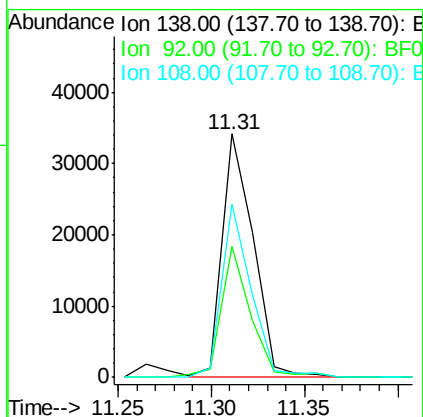
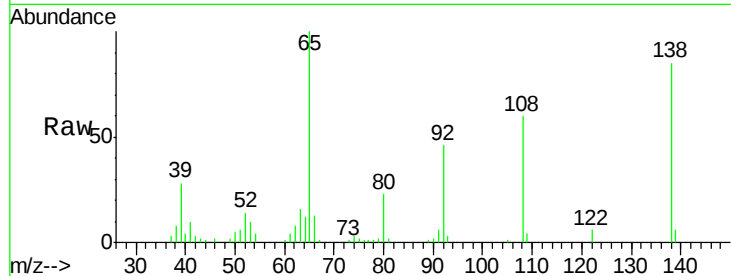
#61
4-Nitroaniline
Concen: 41.16 ng
RT: 11.31 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	27.3	67.3
108	70.9	47.2	87.2

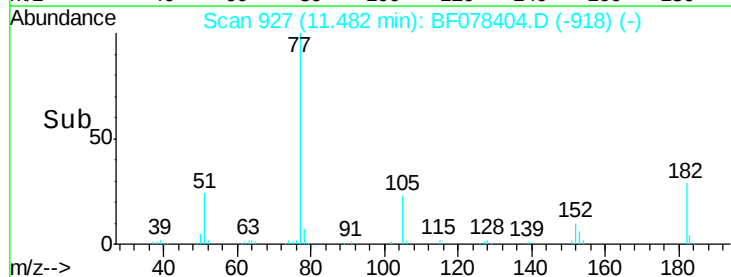
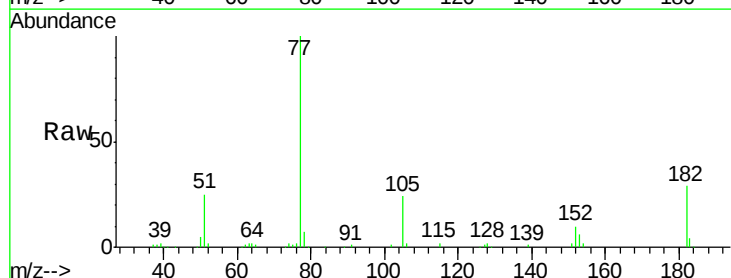
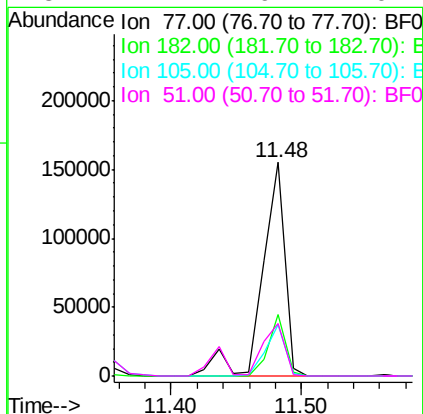
Manual Integrations
APPROVED

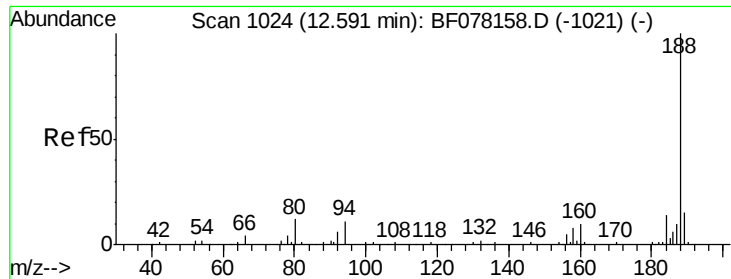
apatel
4/13/2015 4:16:22 PM



#62
Azobenzene
Concen: 51.58 ng
RT: 11.48 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.7	0.0	36.8
105	23.7	0.3	40.3
51	24.7	9.1	49.1





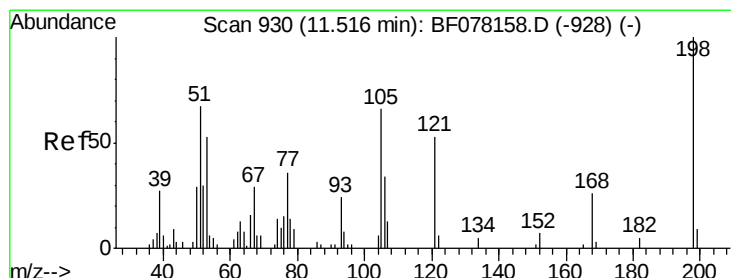
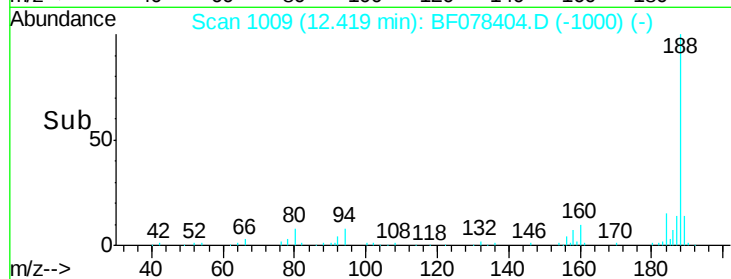
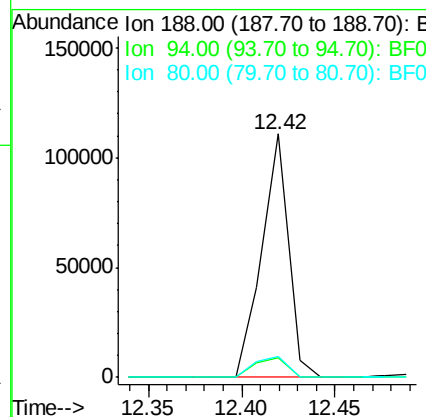
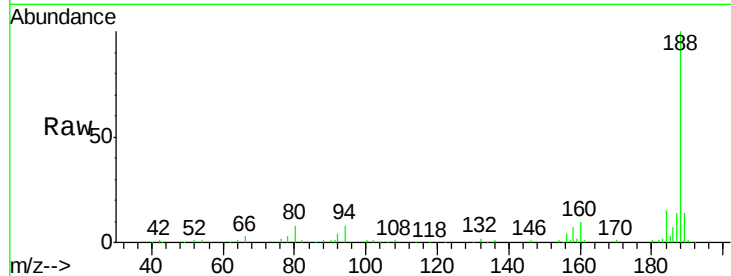
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.8	9.0	13.4#
80	8.4	9.5	14.3#

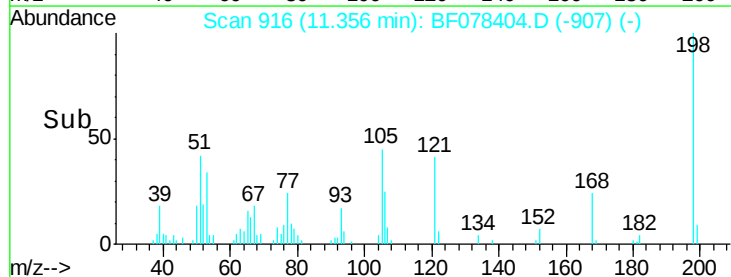
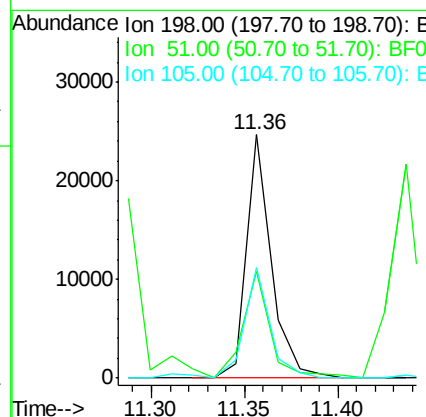
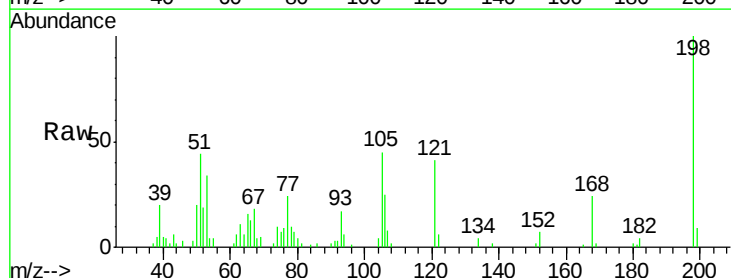
Manual Integrations
 APPROVED

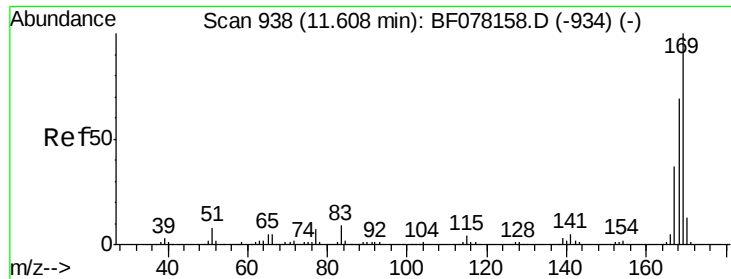
apatel
 4/13/2015 4:16:22 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.91 ng
 RT: 11.36 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

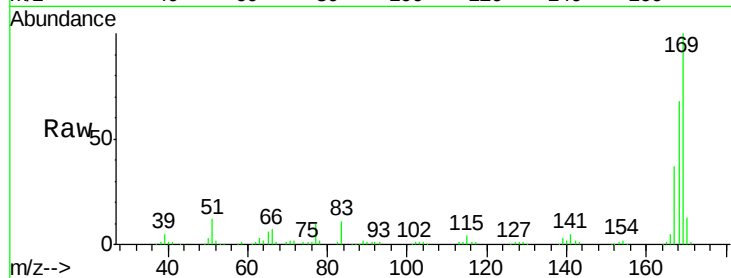
Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	43.7	48.6	88.6#
105	45.5	45.8	85.8#





#65
 n-Nitrosodiphenylamine
 Concen: 41.45 ng
 RT: 11.44 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

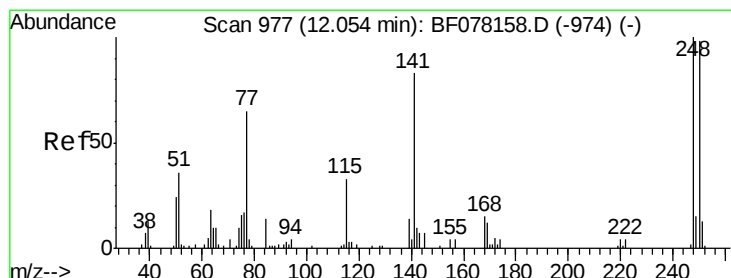
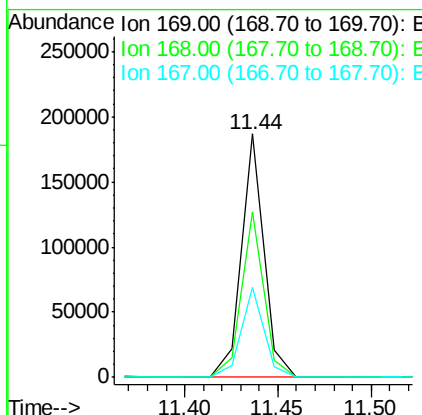
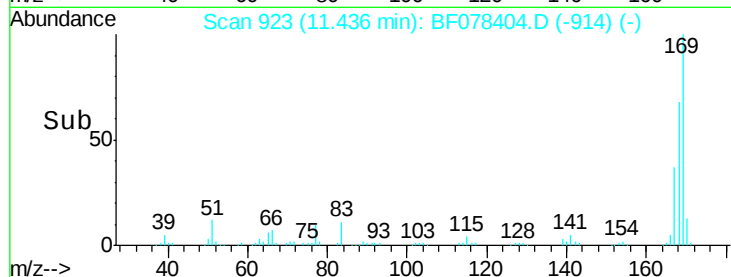
Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS



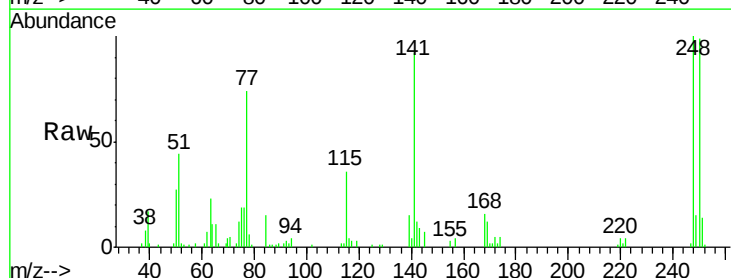
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	157989		
168	68.2	55.0	82.4	
167	37.2	29.3	43.9	

Manual Integrations
 APPROVED

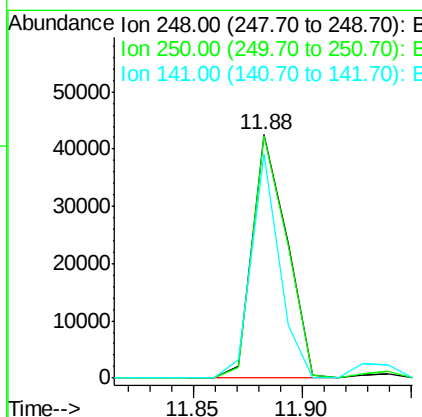
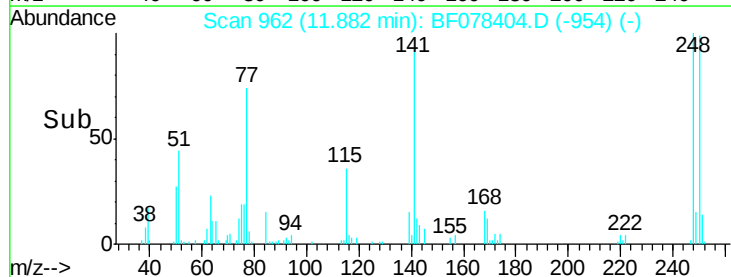
apatel
 4/13/2015 4:16:22 PM

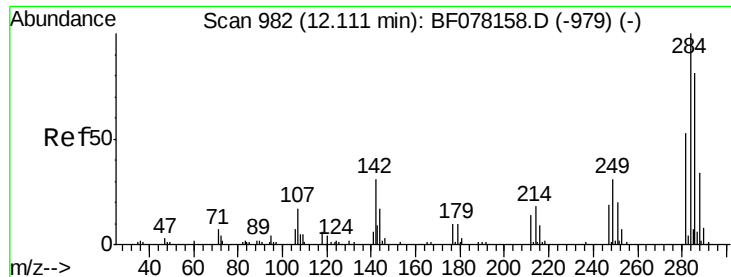


#66
 4-Bromophenyl-phenylether
 Concen: 40.28 ng
 RT: 11.88 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29



Tgt Ion	Ratio	Resp	Lower	Upper
248	100	46998		
250	99.4	78.2	117.2	
141	92.4	66.4	99.6	





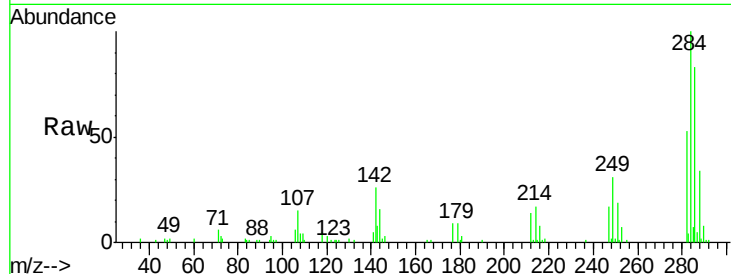
#67
Hexachlorobenzene
Concen: 40.23 ng
RT: 11.94 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

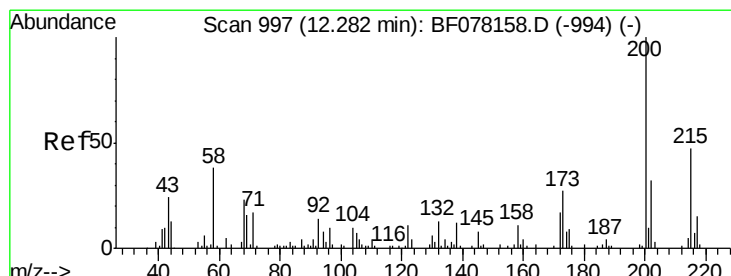
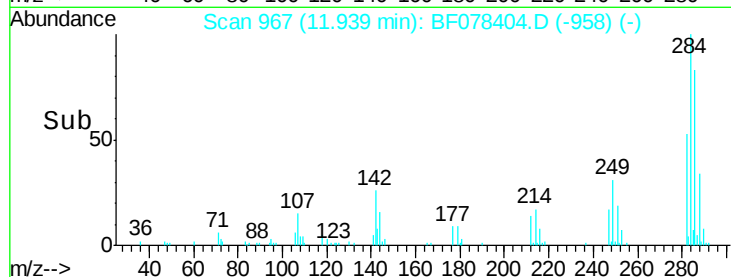
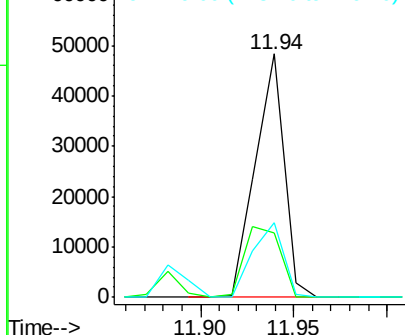
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	51435		
142	26.5	24.5	36.7	
249	30.6	24.8	37.2	

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM

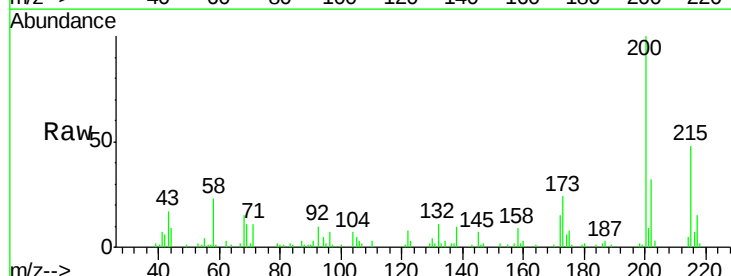


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

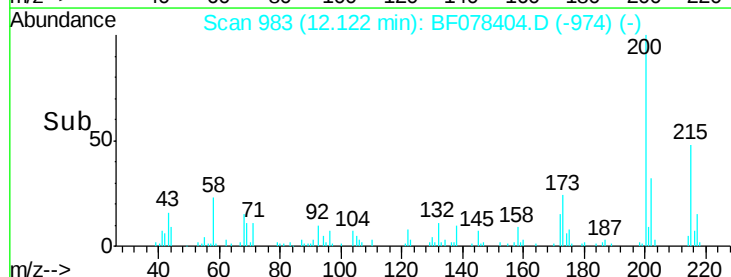
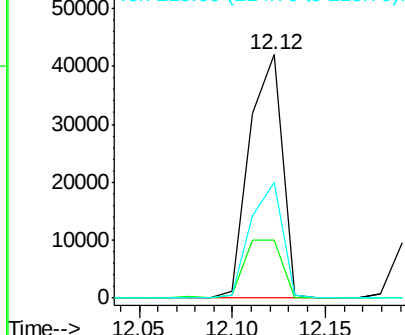


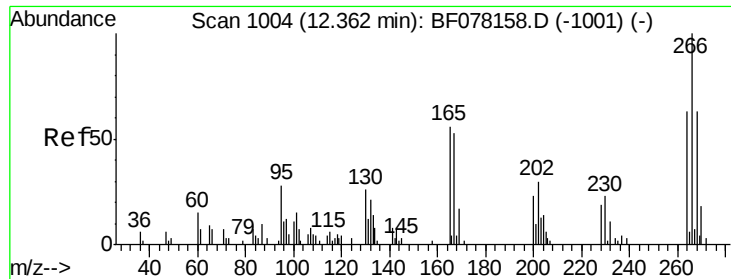
#68
Atrazine
Concen: 47.04 ng
RT: 12.12 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	51923		
173	23.9	6.9	46.9	
215	47.6	27.1	67.1	



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





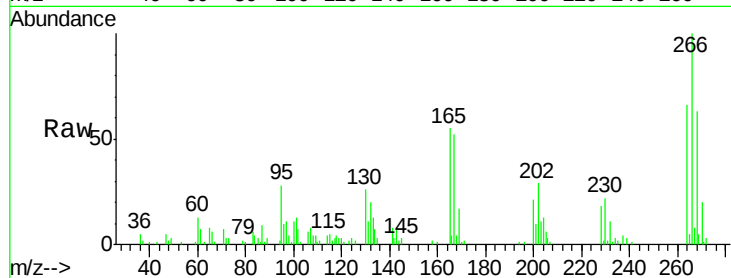
#69
 Pentachlorophenol
 Concen: 90.49 ng
 RT: 12.19 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

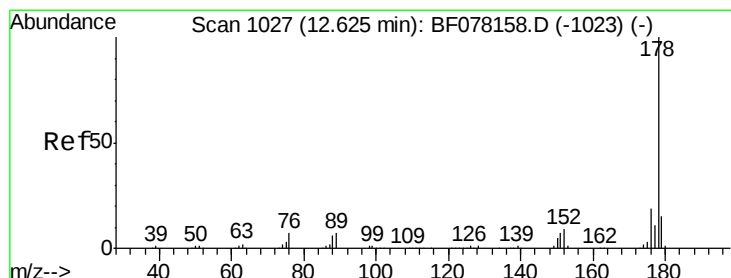
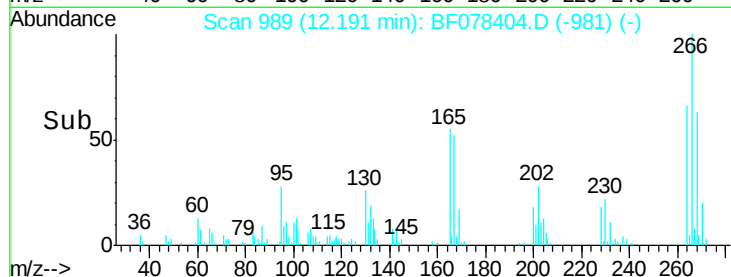
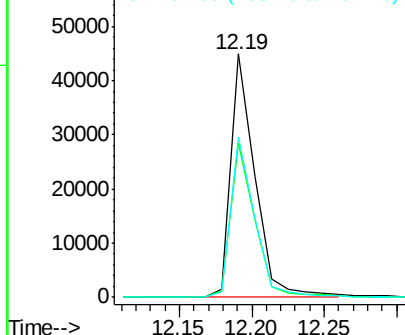
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	51950		
268	63.4	50.1	75.1	
264	66.0	50.0	75.0	

Manual Integrations
 APPROVED

apatel
 4/13/2015 4:16:22 PM



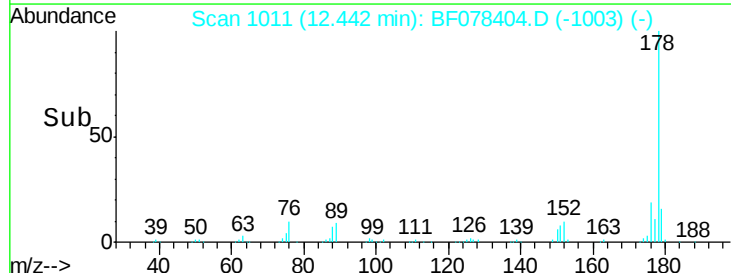
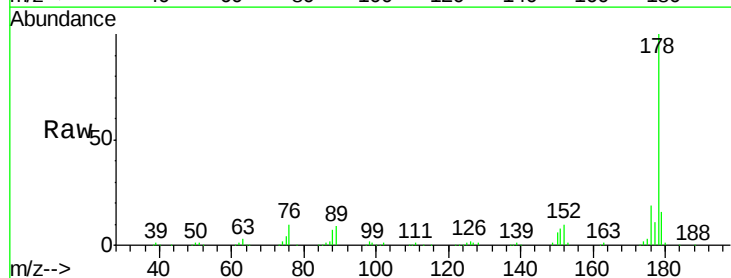
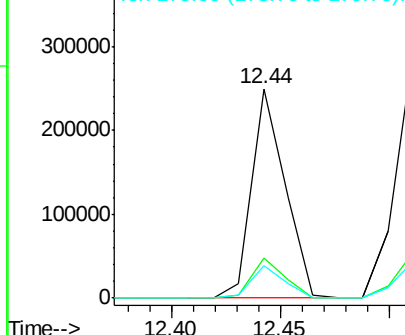
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

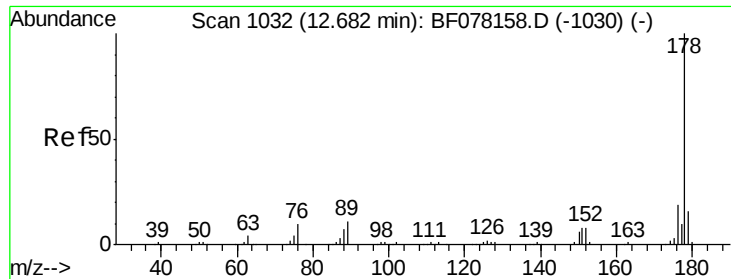


#70
 Phenanthrene
 Concen: 41.92 ng
 RT: 12.44 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	267199		
176	19.1	15.4	23.0	
179	15.6	12.2	18.2	

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





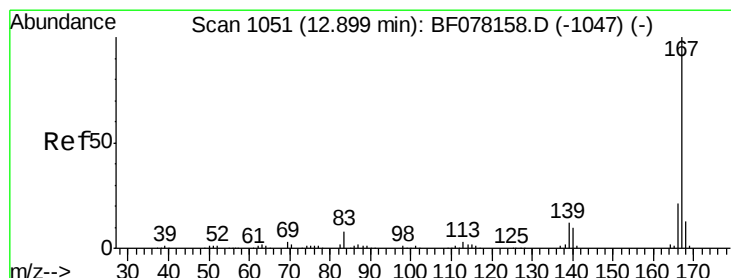
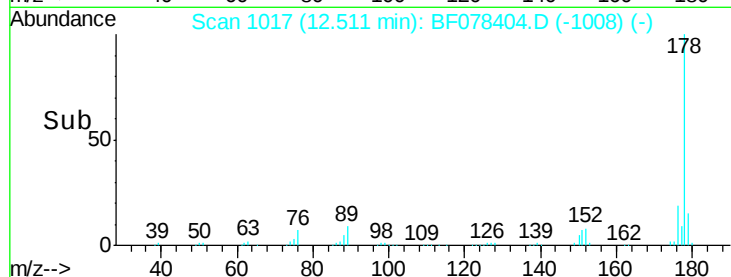
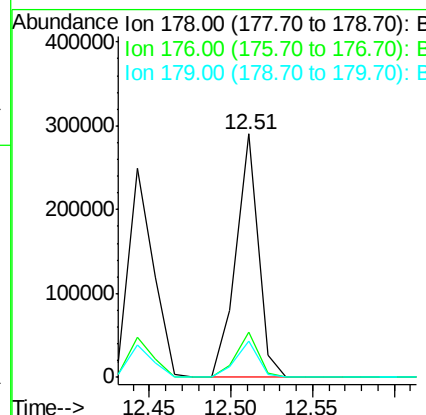
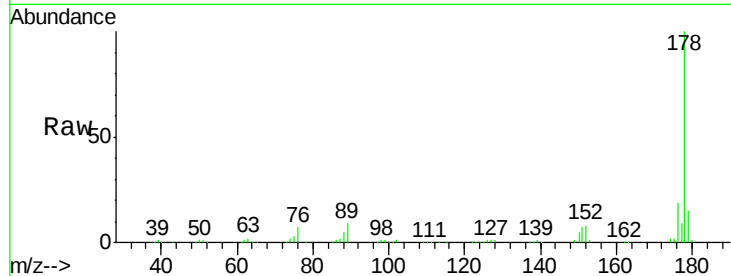
#71
 Anthracene
 Concen: 43.39 ng
 RT: 12.51 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	272503		
176	18.6	14.8	22.2	
179	14.7	12.4	18.6	

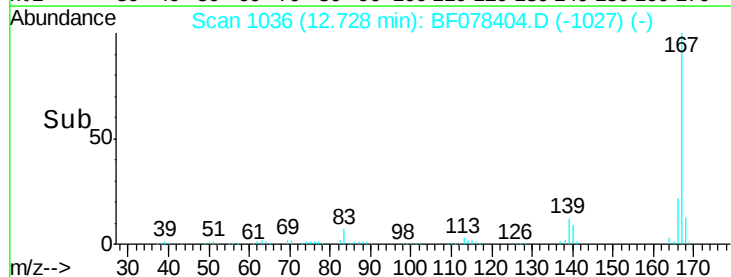
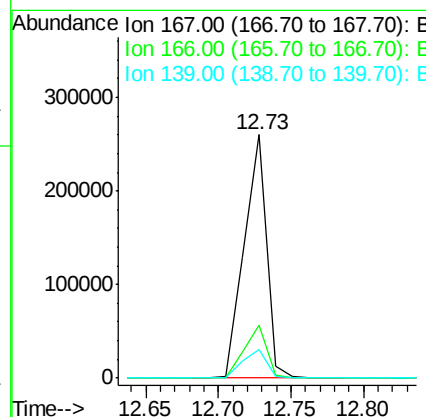
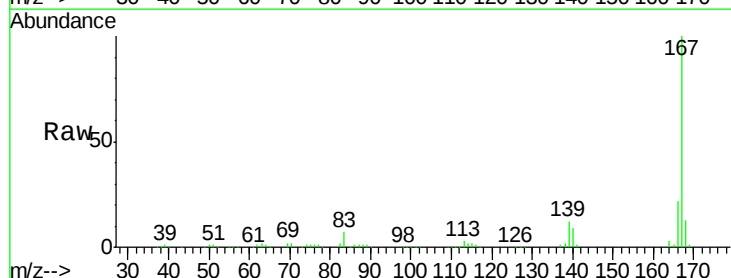
Manual Integrations
 APPROVED

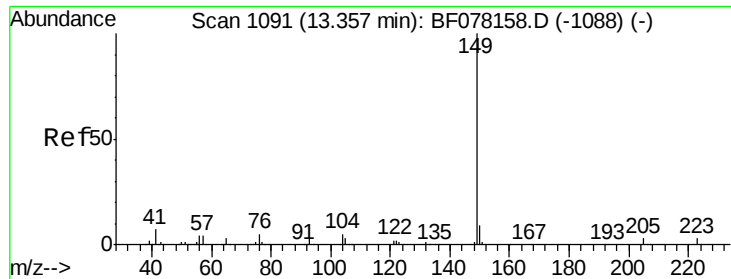
apatel
 4/13/2015 4:16:22 PM



#72
 Carbazole
 Concen: 47.66 ng
 RT: 12.73 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	280491		
166	22.0	16.8	25.2	
139	12.0	10.0	15.0	





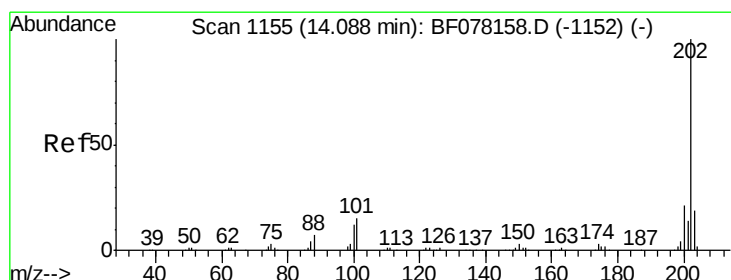
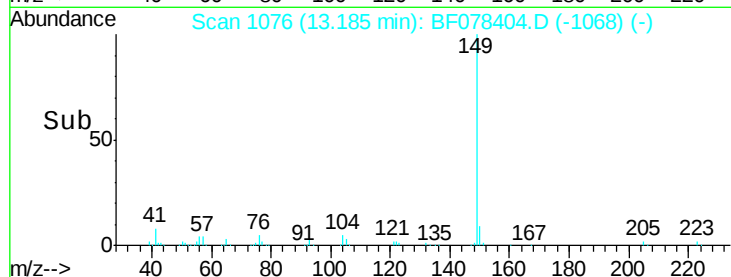
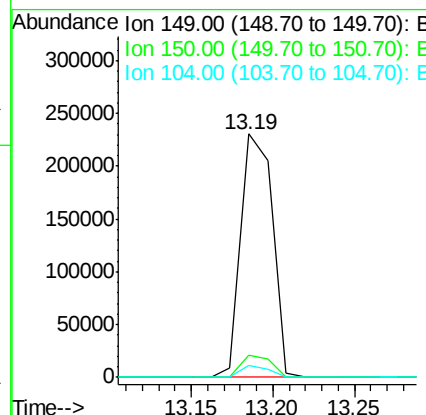
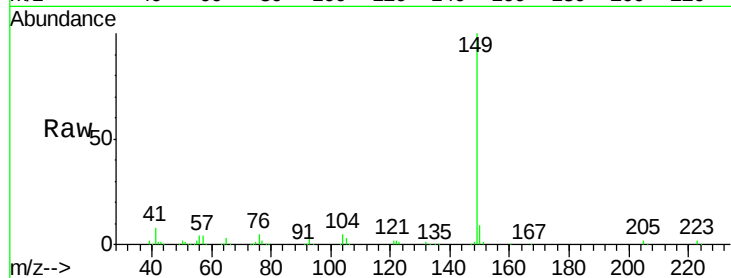
#73
Di-n-butylphthalate
Concen: 46.23 ng
RT: 13.19 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	308258		
150	9.2	7.1	10.7	
104	5.1	3.8	5.6	

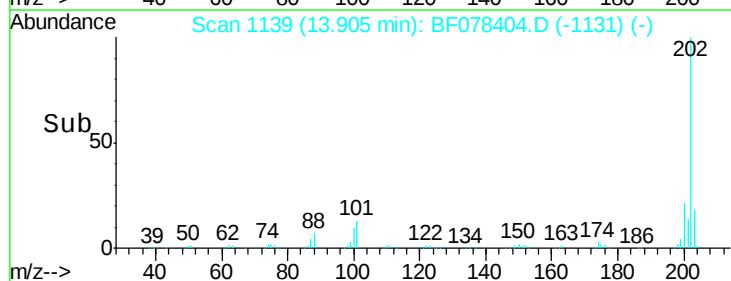
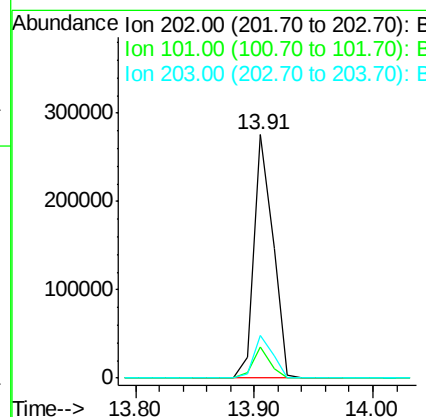
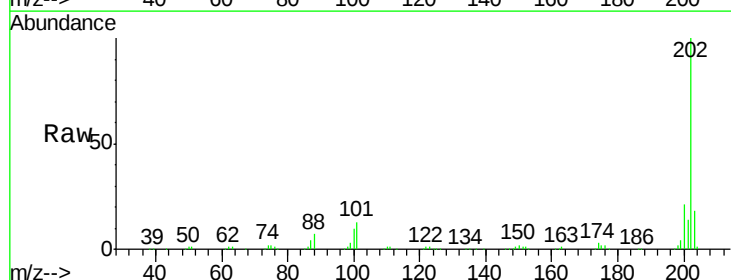
Manual Integrations
APPROVED

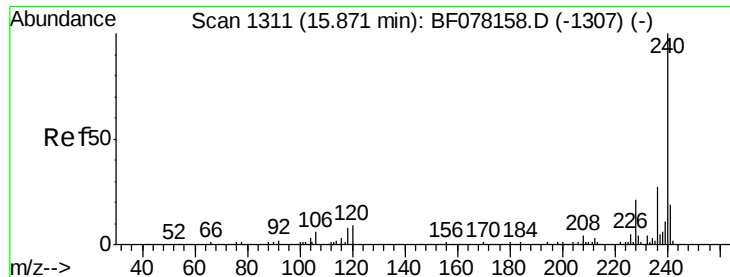
apatel
4/13/2015 4:16:22 PM



#74
Fluoranthene
Concen: 46.17 ng
RT: 13.91 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	310303		
101	13.0	0.0	35.2	
203	17.8	0.0	38.5	





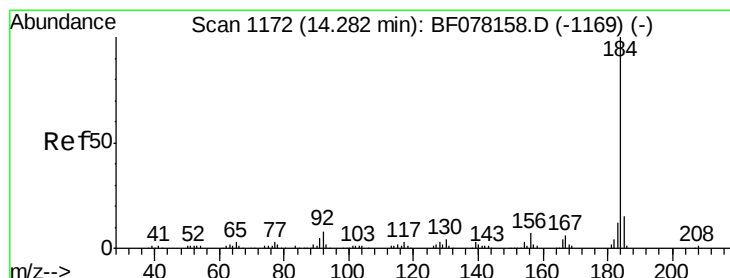
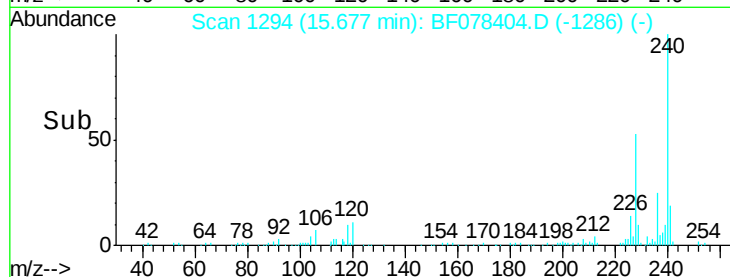
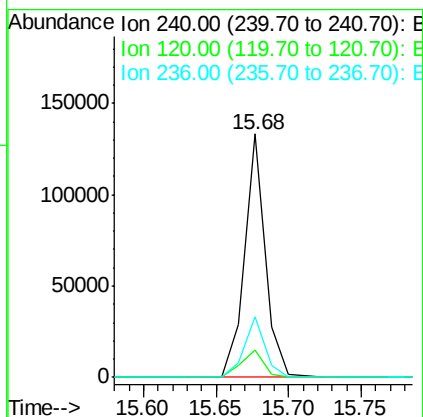
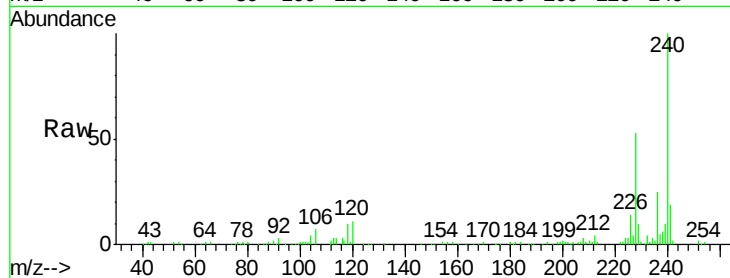
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.2	7.1	10.7#
236	24.8	21.4	32.2

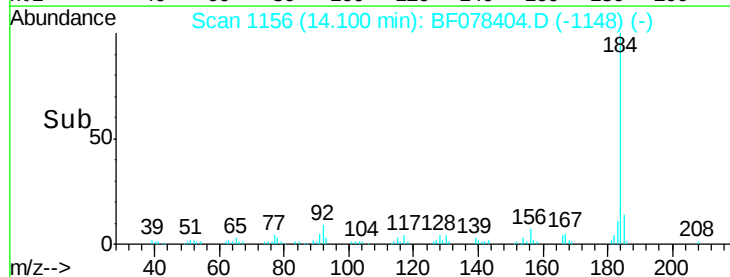
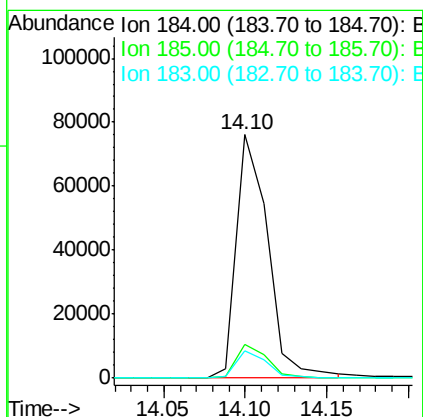
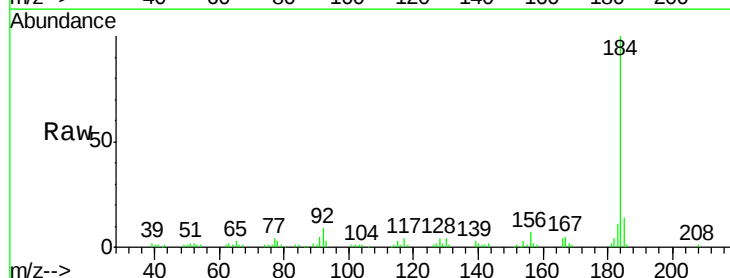
Manual Integrations
APPROVED

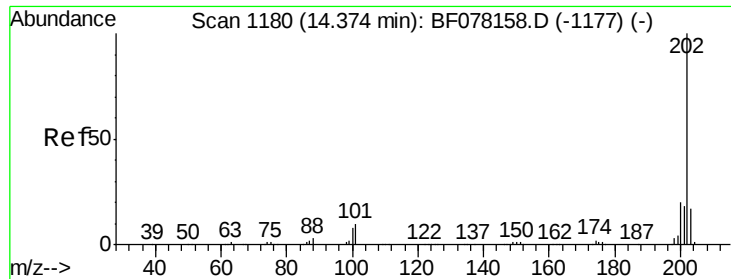
apatel
4/13/2015 4:16:22 PM



#76
Benzidine
Concen: 19.94 ng
RT: 14.10 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
184	100		
185	13.6	12.2	18.2
183	11.3	9.5	14.3





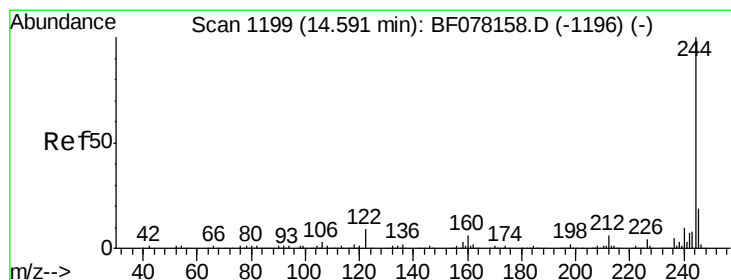
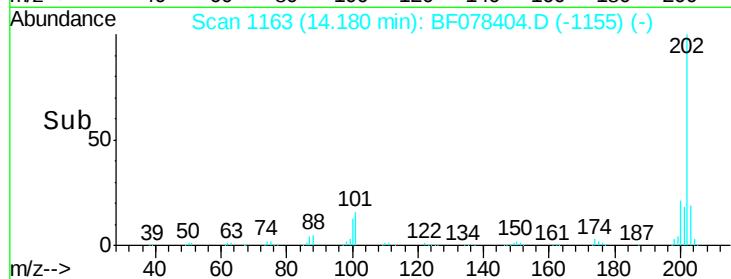
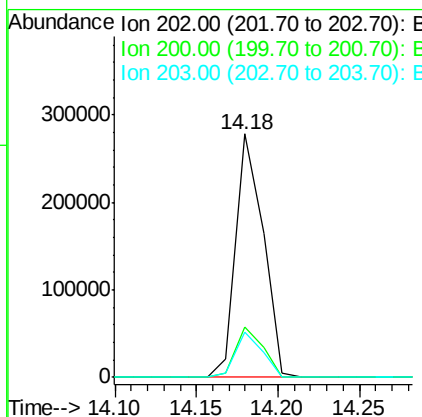
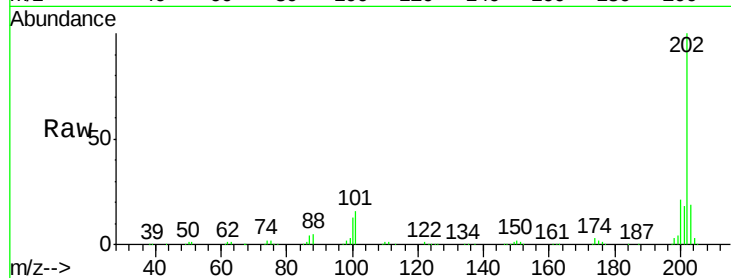
#77
 Pyrene
 Concen: 38.94 ng
 RT: 14.18 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	322434		
200	20.7	16.3	24.5	
203	18.8	13.8	20.6	

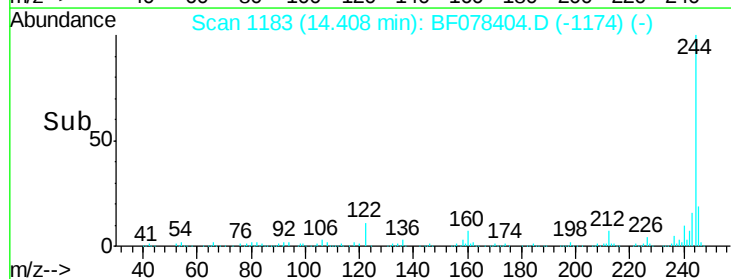
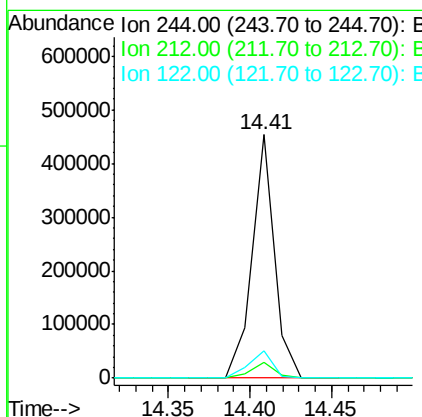
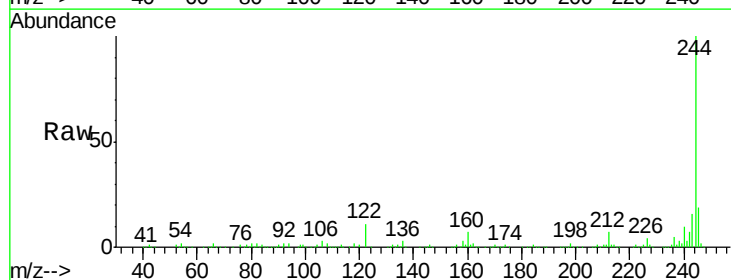
Manual Integrations
 APPROVED

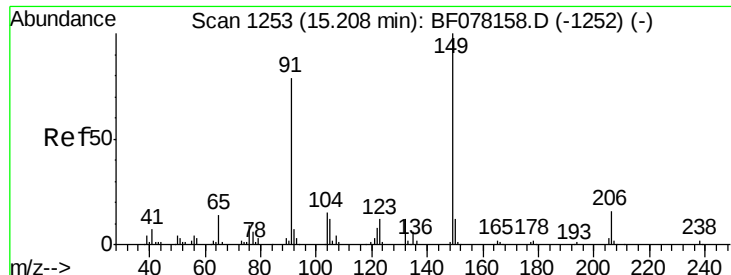
apatel
 4/13/2015 4:16:22 PM



#78
 Terphenyl-d14
 Concen: 74.01 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	432043		
212	6.6	5.0	7.4	
122	11.4	7.1	10.7#	





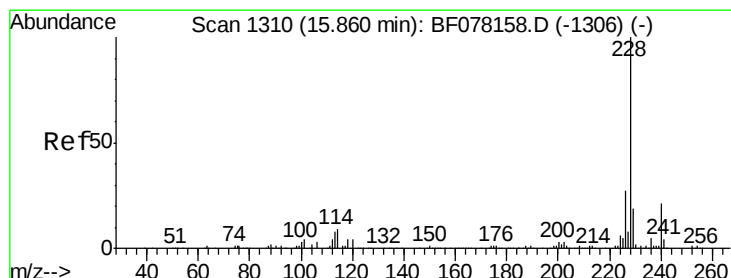
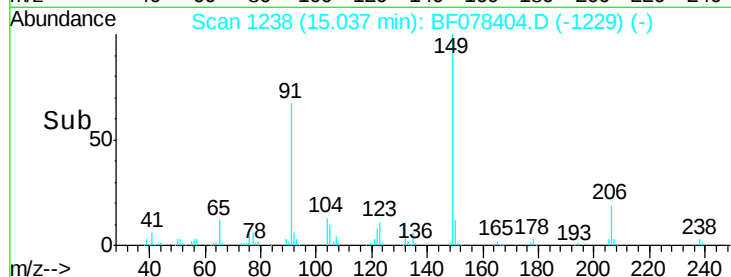
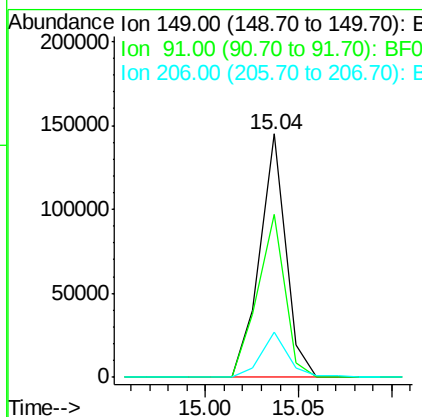
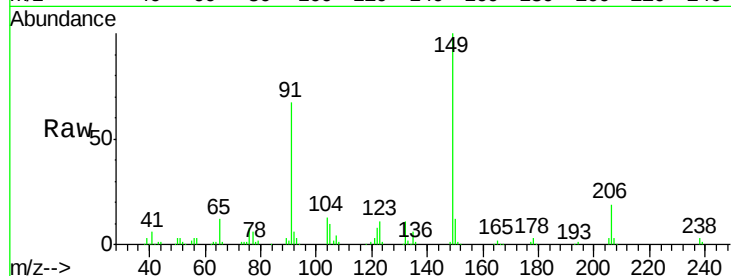
#79
Butylbenzylphthalate
Concen: 44.42 ng
RT: 15.04 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	140211		
91	66.8	64.2	96.2	
206	18.7	12.6	18.8	

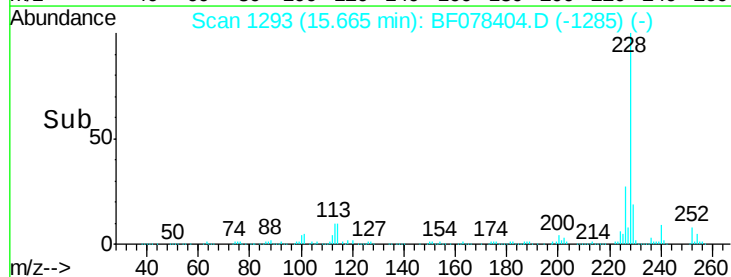
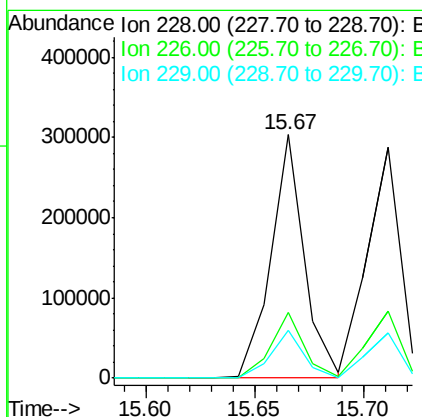
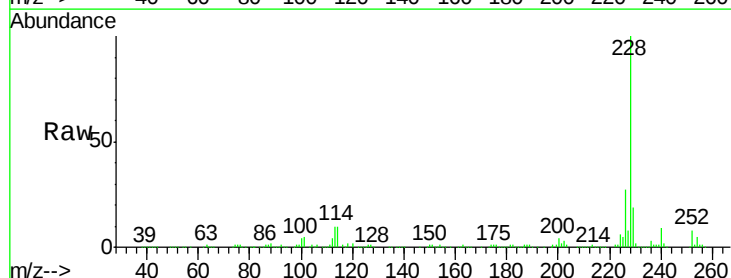
Manual Integrations
APPROVED

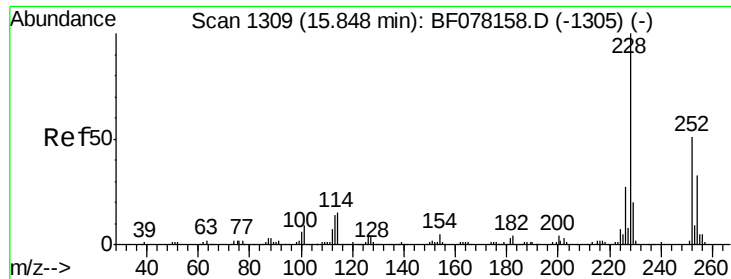
apatel
4/13/2015 4:16:22 PM



#80
Benzo(a)anthracene
Concen: 41.46 ng
RT: 15.67 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	325419		
226	27.2	21.3	31.9	
229	19.5	15.4	23.2	





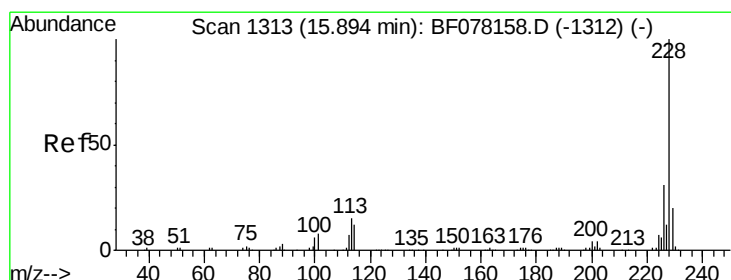
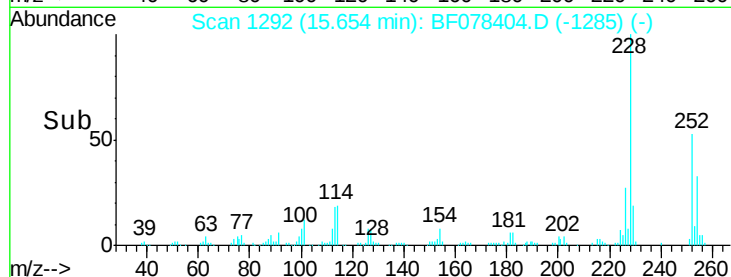
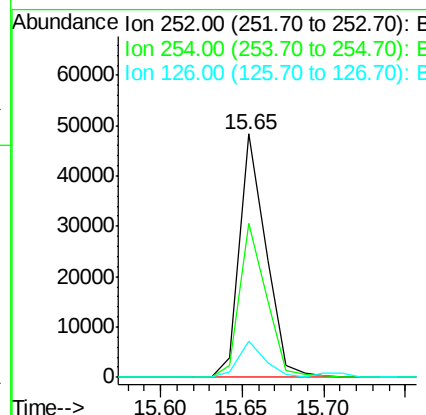
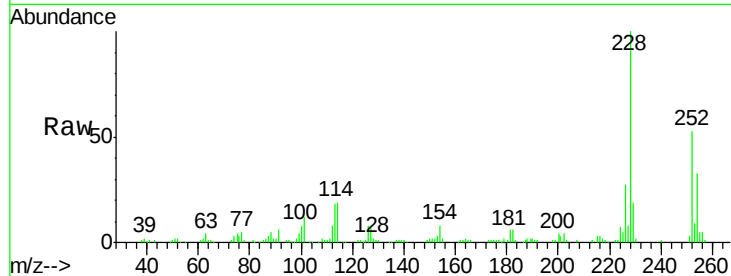
#81
 3,3'-Dichlorobenzidine
 Concen: 20.61 ng
 RT: 15.65 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	54180		
254	63.3	51.2	76.8	
126	14.8	6.3	9.5	

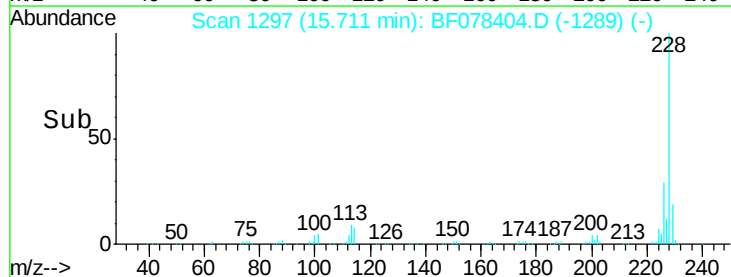
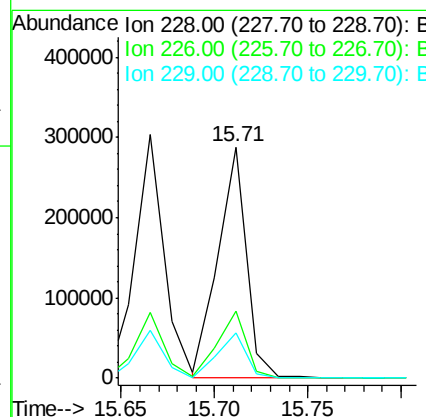
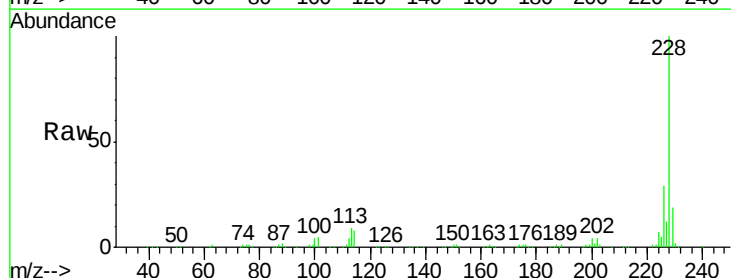
Manual Integrations
 APPROVED

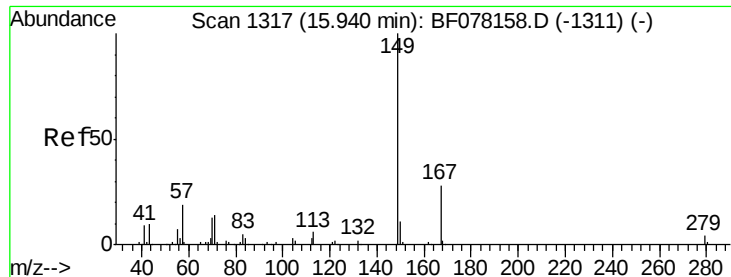
apatel
 4/13/2015 4:16:22 PM



#82
 Chrysene
 Concen: 41.56 ng
 RT: 15.71 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	306450		
226	28.8	24.2	36.4	
229	19.3	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.06 ng

RT: 15.76 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA_F

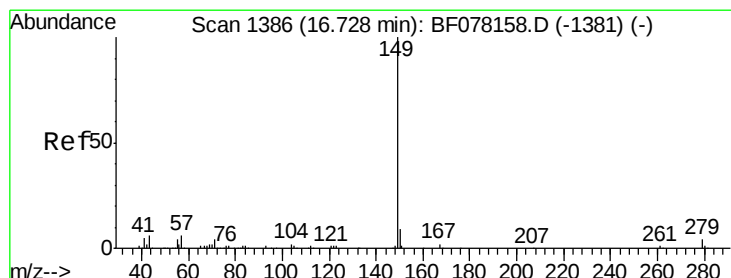
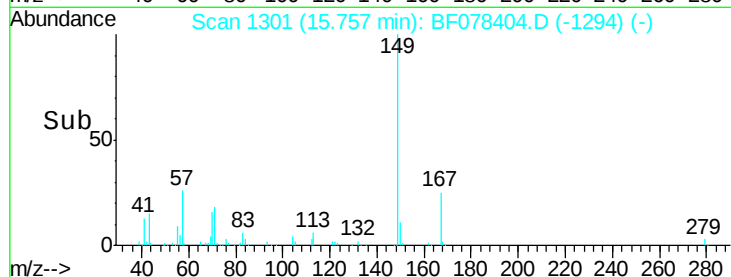
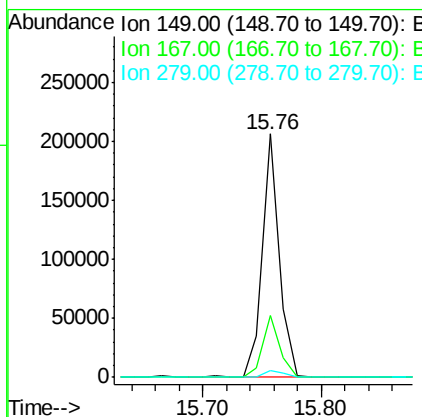
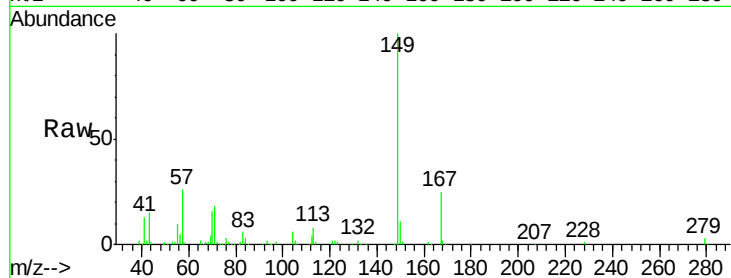
ClientSampleId :

PB82621BS

Tgt Ion:	149	Resp:	208196
Ion Ratio	Lower	Upper	
149	100		
167	25.2	22.2	33.2
279	2.6	3.2	4.8#

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM



#84

Di-n-octyl phthalate

Concen: 45.84 ng

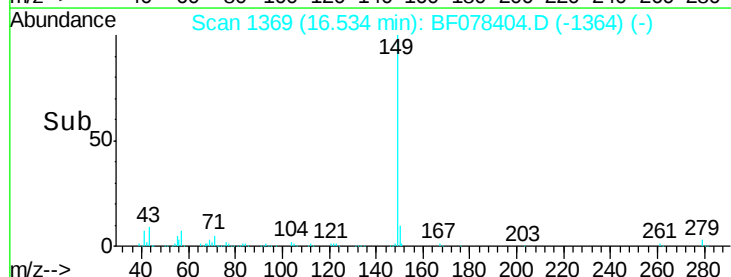
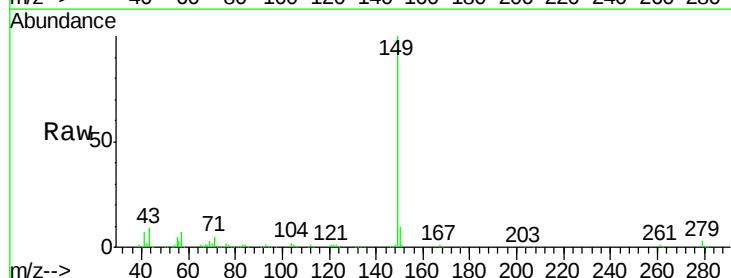
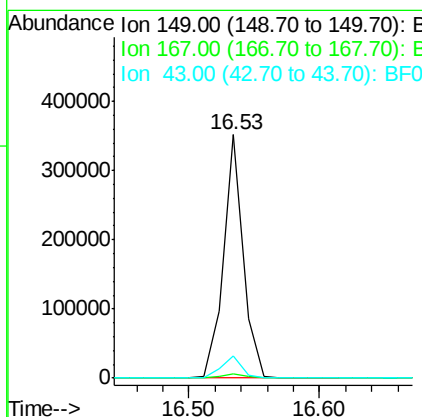
RT: 16.53 min Scan# 1369

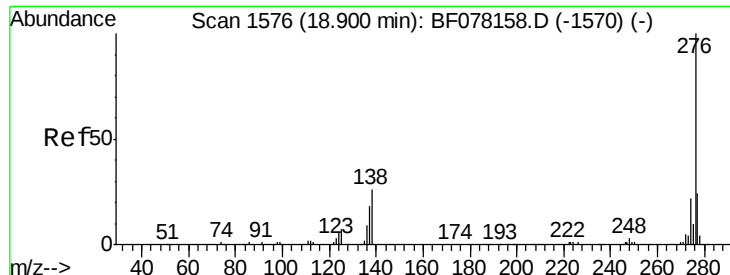
Delta R.T. -0.05 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Tgt Ion:	149	Resp:	372628
Ion Ratio	Lower	Upper	
149	100		
167	1.6	0.0	0.0#
43	9.3	0.0	0.0#





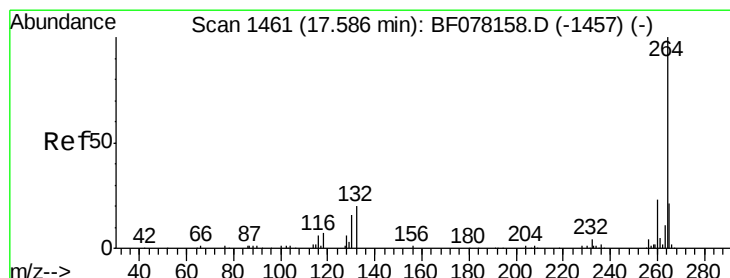
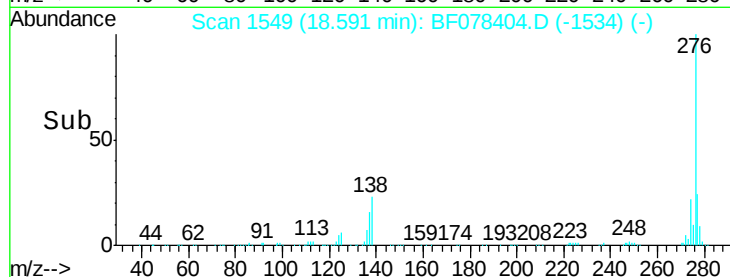
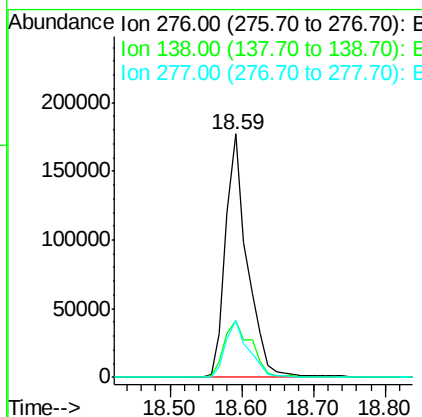
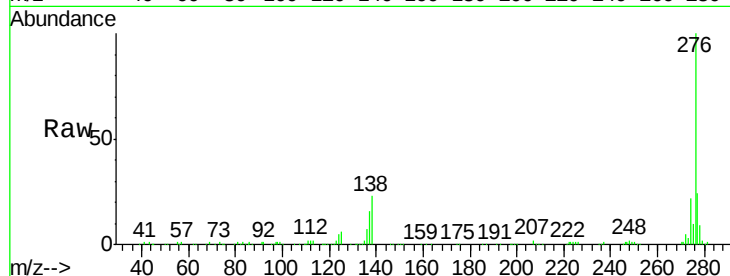
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.70 ng m
 RT: 18.59 min Scan# 1549
 Delta R.T. -0.13 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.9	25.3
277	18.4	15.8	23.6

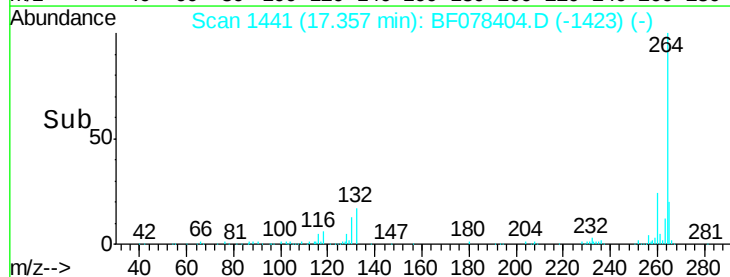
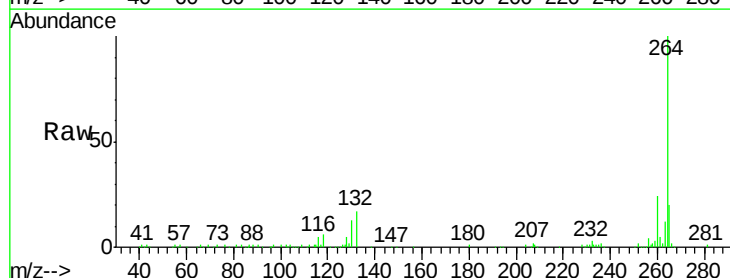
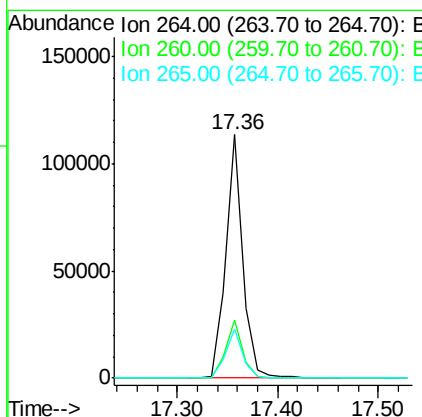
Manual Integrations
 APPROVED

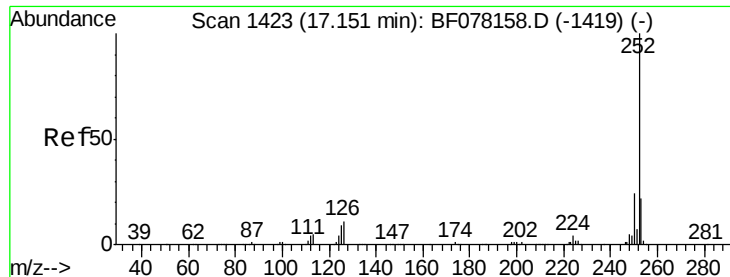
apatel
 4/13/2015 4:16:22 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.36 min Scan# 1441
 Delta R.T. -0.09 min
 Lab File: BF078404.D
 Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	20.0	17.0	25.6





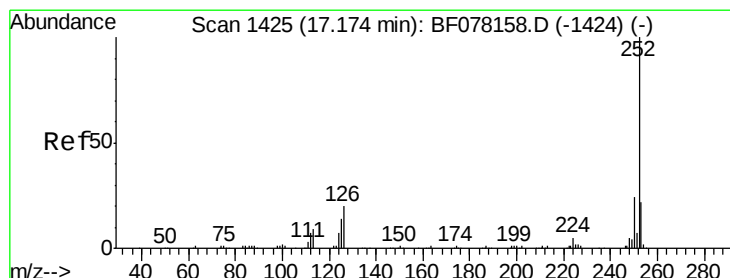
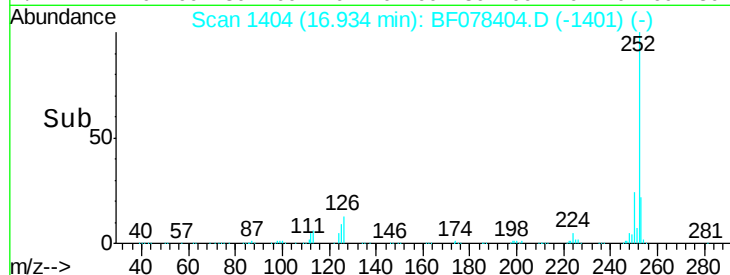
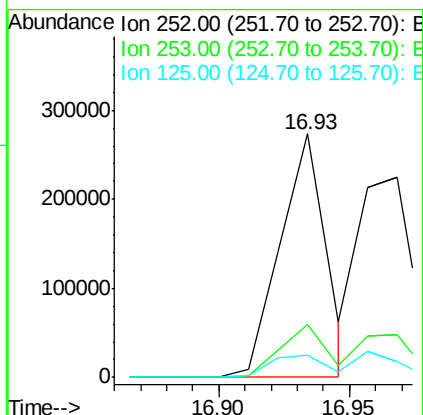
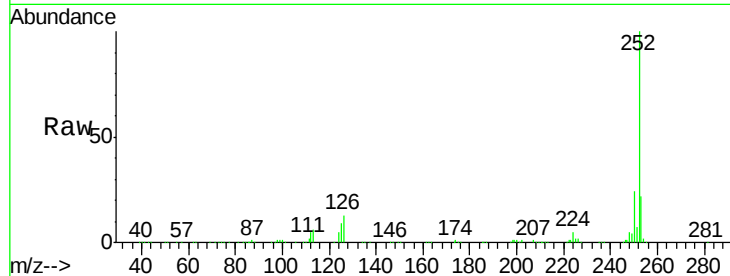
#87
Benzo(b)fluoranthene
Concen: 40.59 ng
RT: 16.93 min Scan# 1404
Delta R.T. -0.07 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	333561		
253	21.9	17.2	25.8	
125	9.4	7.0	10.4	

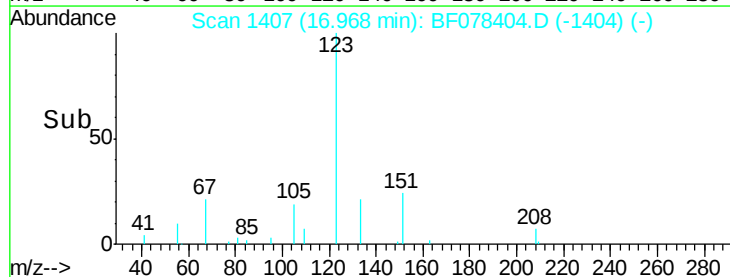
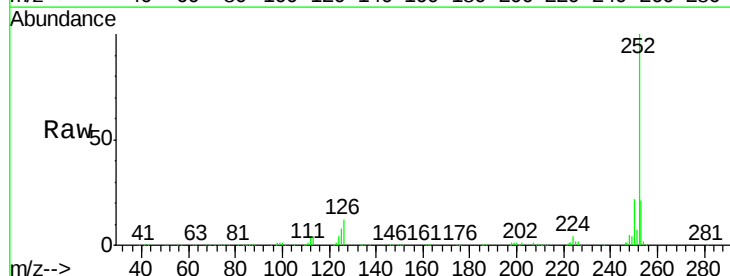
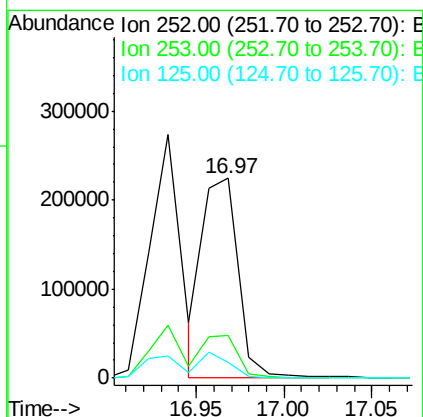
Manual Integrations
APPROVED

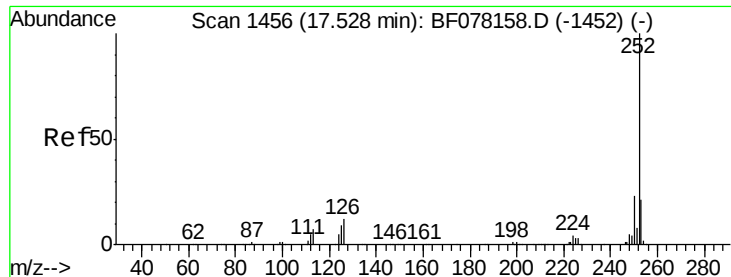
apatel
4/13/2015 4:16:22 PM



#88
Benzo(k)fluoranthene
Concen: 44.33 ng m
RT: 16.97 min Scan# 1407
Delta R.T. -0.07 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	323687		
253	21.2	17.5	26.3	
125	7.7	11.6	17.4	





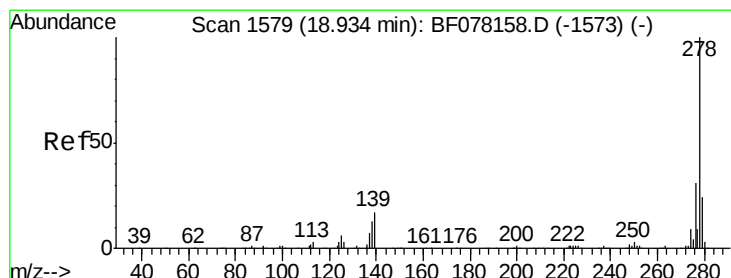
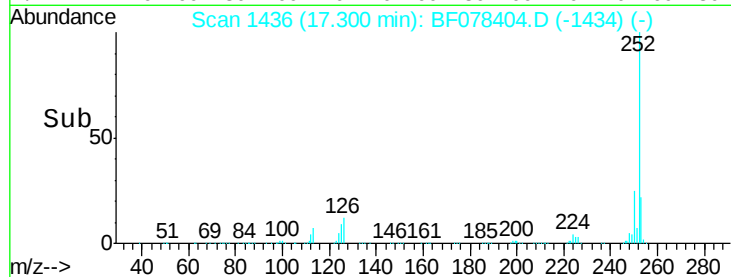
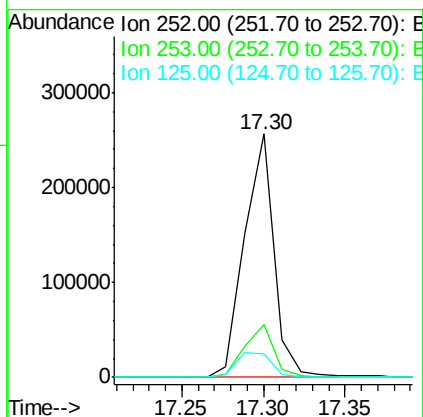
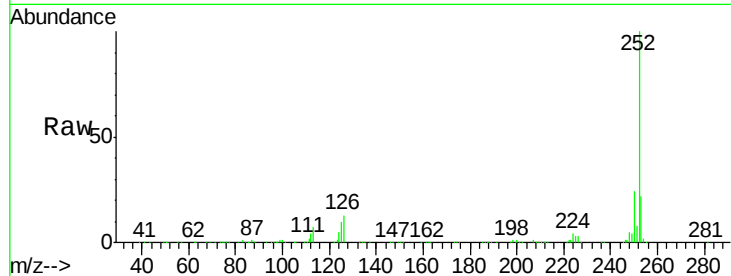
#89
Benzo(a)pyrene
Concen: 44.99 ng
RT: 17.30 min Scan# 1436
Delta R.T. -0.08 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Instrument :
BNA_F
ClientSampleId :
PB82621BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.8	25.2
125	9.7	7.4	11.0

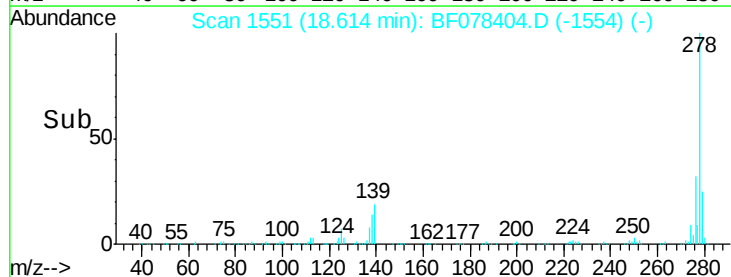
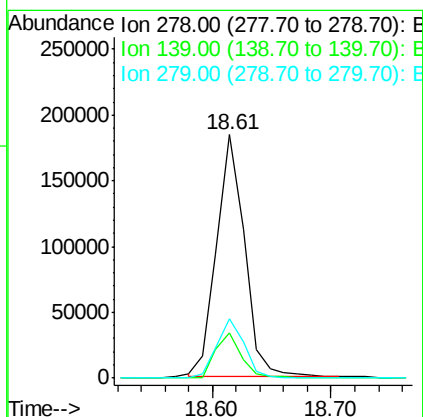
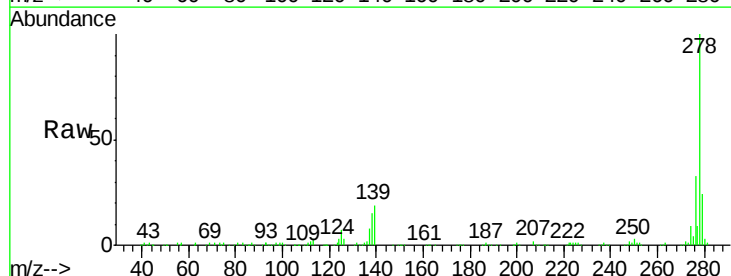
Manual Integrations
APPROVED

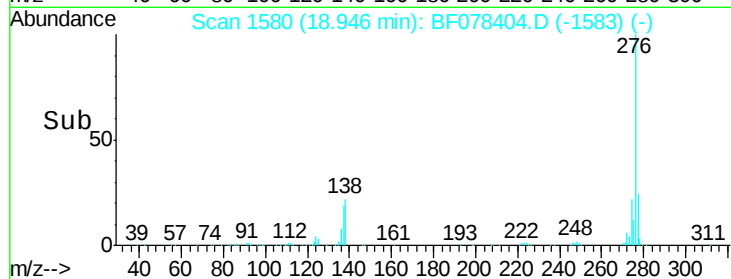
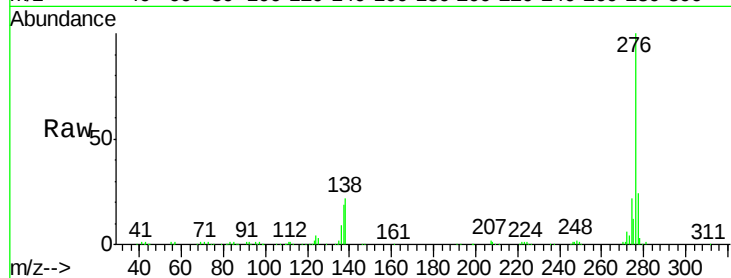
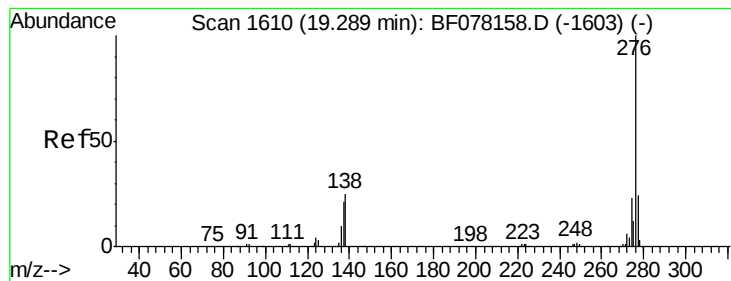
apatel
4/13/2015 4:16:22 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.51 ng
RT: 18.61 min Scan# 1551
Delta R.T. -0.14 min
Lab File: BF078404.D
Acq: 10 Apr 2015 17:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	13.6	20.4
279	24.4	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 41.09 ng

RT: 18.95 min Scan# 1580

Delta R.T. -0.14 min

Lab File: BF078404.D

Acq: 10 Apr 2015 17:29

Instrument :

BNA_F

ClientSampleId :

PB82621BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		295759		
277	23.8	19.0	28.4		
138	22.3	19.9	29.9		

Manual Integrations
APPROVED

apatel
4/13/2015 4:16:22 PM

