

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079122.D
 Acq On : 11 May 2015 18:14
 Operator : TP/IZ
 Sample : PB83261BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Manual Integrations
 APPROVED

apatel
 5/12/2015 4:50:15 PM

Quant Time: May 12 02:32:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	50676	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	227811	20.00	ng	0.00
38) Acenaphthene-d10	11.05	164	119677	20.00	ng	0.00
63) Phenanthrene-d10	12.89	188	234072	20.00	ng	-0.01
75) Chrysene-d12	16.18	240	257655	20.00	ng	-0.05
86) Perylene-d12	17.92	264	275866	20.00	ng	-0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	52273	17.76	ng	0.01
7) Phenol-d6	6.86	99	68809	17.68	ng	0.00
23) Nitrobenzene-d5	7.99	82	37331	9.42	ng	0.00
41) 2,4,6-Tribromophenol	12.03	330	19681	15.20	ng	0.00
44) 2-Fluorobiphenyl	10.22	172	83962	9.77	ng	-0.01
78) Terphenyl-d14	14.89	244	105365	9.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	6655	5.20	ng	# 45
3) Pyridine	3.08	79	16283	4.35	ng	93
4) n-Nitrosodimethylamine	2.94	42	8276m	5.16	ng	
6) Aniline	6.89	93	17275	3.15	ng	91
8) 2-Chlorophenol	7.03	128	18640	5.58	ng	100
9) Benzaldehyde	6.74	77	11073	4.22	ng	92
10) Phenol	6.88	94	23828	5.28	ng	81
11) bis(2-Chloroethyl)ether	6.98	93	18138	5.48	ng	95
12) 1,3-Dichlorobenzene	7.22	146	19603	5.22	ng	# 91
13) 1,4-Dichlorobenzene	7.31	146	19671	5.09	ng	95
14) 1,2-Dichlorobenzene	7.50	146	19125	5.32	ng	95
15) Benzyl Alcohol	7.47	79	15678	5.43	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.66	45	27231	5.38	ng	99
17) 2-Methylphenol	7.62	107	14667	5.46	ng	96
18) Hexachloroethane	7.92	117	7224	5.43	ng	89
19) n-Nitroso-di-n-propylamine	7.80	70	13861	5.27	ng	93
20) 3+4-Methylphenols	7.82	107	20303	5.67	ng	# 45
22) Acetophenone	7.80	105	26587	5.17	ng	# 91
24) Nitrobenzene	8.01	77	18748	4.77	ng	94
25) Isophorone	8.31	82	36261	4.93	ng	99
26) 2-Nitrophenol	8.41	139	7433	4.57	ng	99
27) 2,4-Dimethylphenol	8.47	122	16578	5.09	ng	99
28) bis(2-Chloroethoxy)methane	8.59	93	21389	4.72	ng	99
29) 2,4-Dichlorophenol	8.71	162	15847	5.48	ng	97
30) 1,2,4-Trichlorobenzene	8.81	180	15305	4.81	ng	99
31) Naphthalene	8.90	128	56546	5.21	ng	97
32) Benzoic acid	8.54	122	6168	8.94	ng	97
33) 4-Chloroaniline	8.97	127	15552	3.39	ng	95
34) Hexachlorobutadiene	9.05	225	8204	4.48	ng	96
35) Caprolactam	9.38	113	4641	4.96	ng	# 73
36) 4-Chloro-3-methylphenol	9.59	107	16076	5.29	ng	# 84
37) 2-Methylnaphthalene	9.76	142	38404	5.11	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.96	216	16166	4.80	ng	# 100
40) Hexachlorocyclopentadiene	9.95	237	8604	5.08	ng	91

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
 Data File : BF079122.D
 Acq On : 11 May 2015 18:14
 Operator : TP/IZ
 Sample : PB83261BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Manual Integrations
 APPROVED

apatel
 5/12/2015 4:50:15 PM

Quant Time: May 12 02:32:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 12 01:34:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.11	196	10835	4.68	nq	95
43) 2,4,5-Trichlorophenol	10.16	196	11327	4.83	nq	98
45) 1,1'-Biphenyl	10.34	154	48569	5.10	nq	96
46) 2-Chloronaphthalene	10.36	162	35786	4.82	nq	95
47) 2-Nitroaniline	10.49	65	9026	4.20	nq	98
48) Acenaphthylene	10.88	152	57913	4.75	nq	98
49) Dimethylphthalate	10.73	163	39881	4.54	nq	98
50) 2,6-Dinitrotoluene	10.80	165	7916	4.57	nq	# 82
51) Acenaphthene	11.08	154	33381	4.59	nq	98
52) 3-Nitroaniline	11.00	138	7932	3.66	nq	98
53) 2,4-Dinitrophenol	11.14	184	1352	4.50	nq	# 88
54) Dibenzofuran	11.30	168	54261	5.17	nq	99
55) 4-Nitrophenol	11.22	139	14431	8.42	nq	# 72
56) 2,4-Dinitrotoluene	11.29	165	9384	4.10	nq	# 97
57) Fluorene	11.74	166	42224	4.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.46	232	8466	4.42	nq	# 100
59) Diethylphthalate	11.60	149	40826	4.69	nq	96
60) 4-Chlorophenyl-phenylether	11.74	204	18907	4.95	nq	93
61) 4-Nitroaniline	11.76	138	9493	4.38	nq	83
62) Azobenzene	11.93	77	41963	4.89	nq	94
64) 4,6-Dinitro-2-methylphenol	11.79	198	1804	3.56	nq	85
65) n-Nitrosodiphenylamine	11.89	169	38355	4.92	nq	94
66) 4-Bromophenyl-phenylether	12.34	248	11721	4.80	nq	# 87
67) Hexachlorobenzene	12.41	284	13521	4.85	nq	# 79
68) Atrazine	12.56	200	11019	4.86	nq	96
69) Pentachlorophenol	12.66	266	8195	11.44	nq	95
70) Phenanthrene	12.93	178	66744	5.10	nq	98
71) Anthracene	12.99	178	63018	4.91	nq	98
72) Carbazole	13.20	167	60680	4.96	nq	97
73) Di-n-butylphthalate	13.65	149	71811	4.89	nq	# 95
74) Fluoranthene	14.40	202	70389	5.16	nq	99
76) Benzidine	14.58	184	23162m	3.34	nq	
77) Pyrene	14.69	202	73432	4.95	nq	98
79) Butylbenzylphthalate	15.51	149	33962	5.23	nq	87
80) Benzo(a)anthracene	16.17	228	71586	5.07	nq	98
81) 3,3'-Dichlorobenzidine	16.15	252	21730	4.32	nq	# 95
82) Chrysene	16.22	228	68458	5.04	nq	96
83) Bis(2-ethylhexyl)phthalate	16.23	149	51049	5.19	nq	96
84) Di-n-octyl phthalate	17.02	149	90955	5.25	nq	# 100
85) Indeno(1,2,3-cd)pyrene	19.37	276	88384	5.11	nq	# 100
87) Benzo(b)fluoranthene	17.46	252	79553	5.27	nq	98
88) Benzo(k)fluoranthene	17.50	252	68453m	4.68	nq	
89) Benzo(a)pyrene	17.85	252	71292	5.13	nq	98
90) Dibenzo(a,h)anthracene	19.41	278	72729	4.92	nq	97
91) Benzo(g,h,i)perylene	19.81	276	74916	5.06	nq	95

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

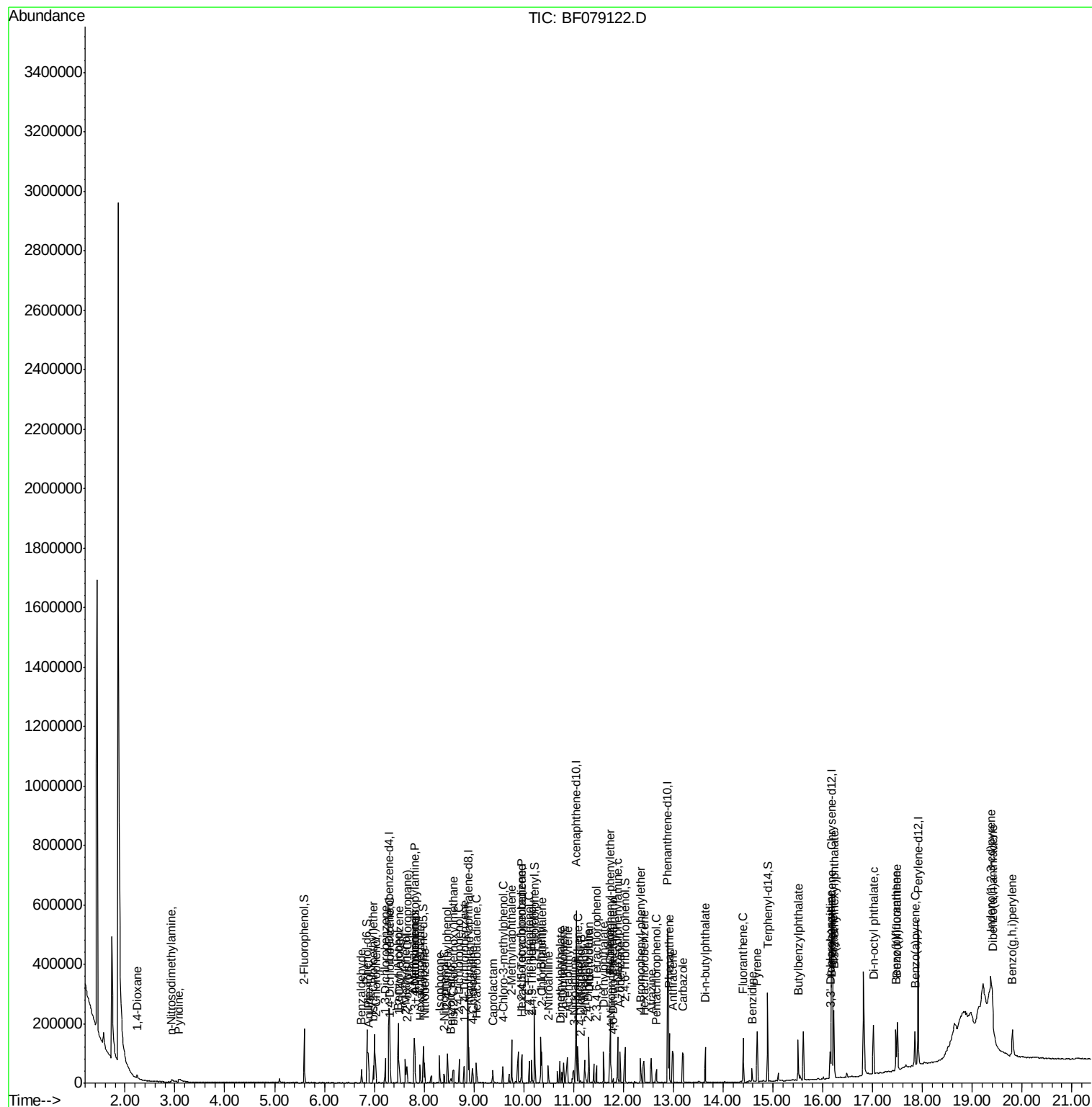
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079122.D
Acq On : 11 May 2015 18:14
Operator : TP/IZ
Sample : PB83261BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

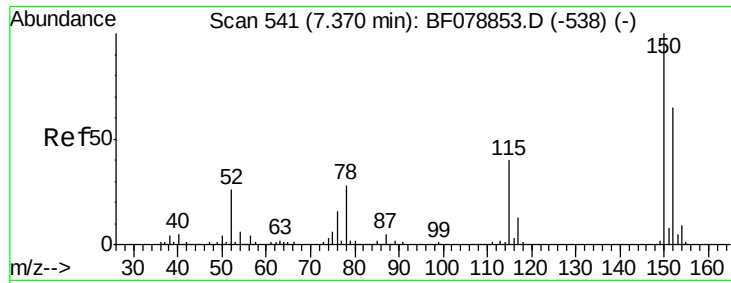
Instrument :
BNA_F
ClientSampleId :
PB83261BS

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM

Quant Time: May 12 02:32:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 01:34:40 2015
Response via : Initial Calibration





#1

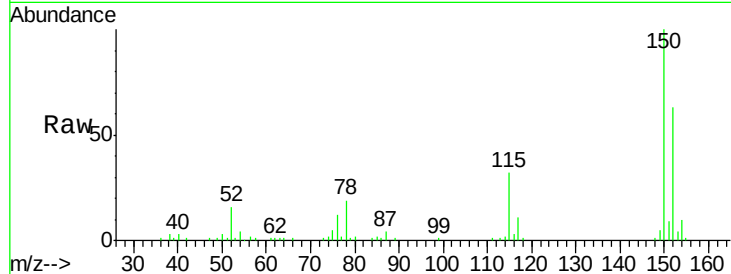
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

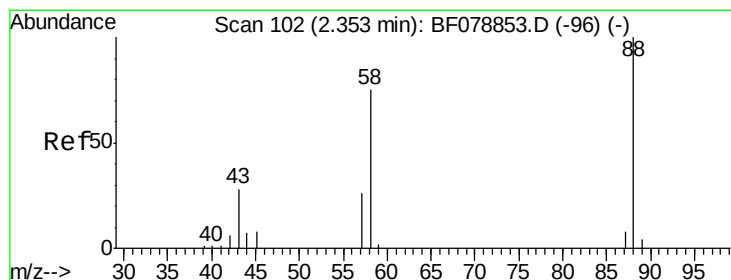
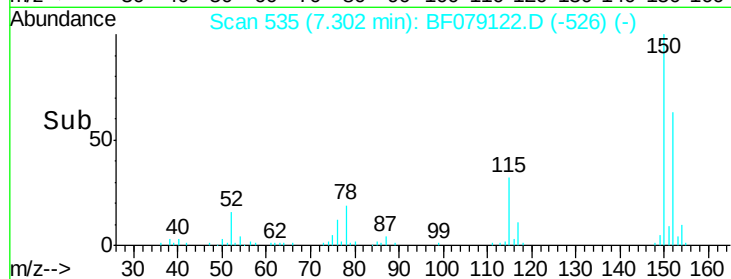
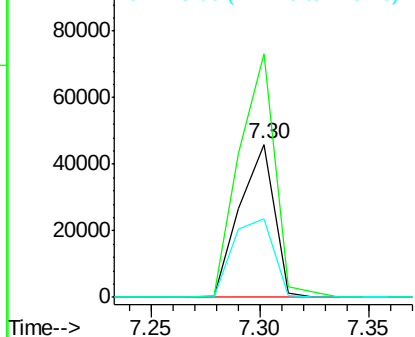
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	122.0	183.0
115	51.6	46.3	69.5

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



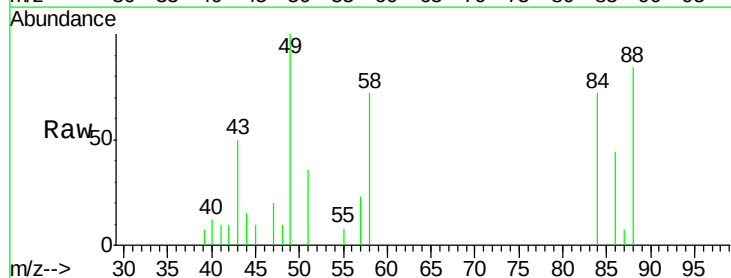
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



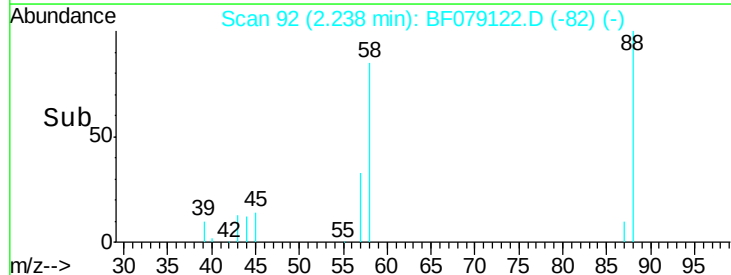
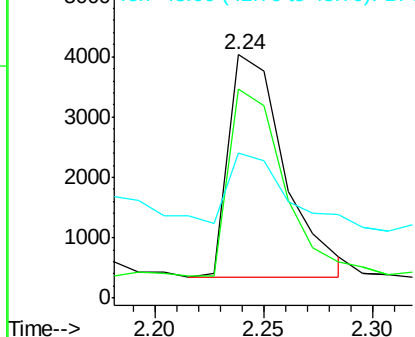
#2

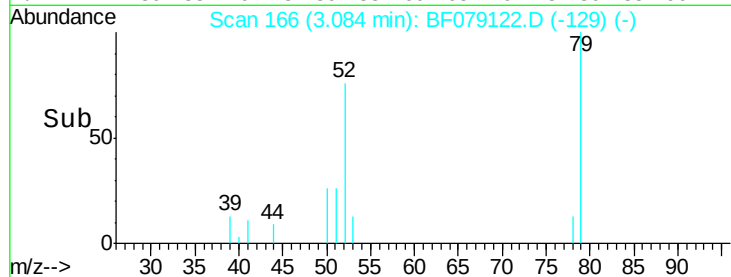
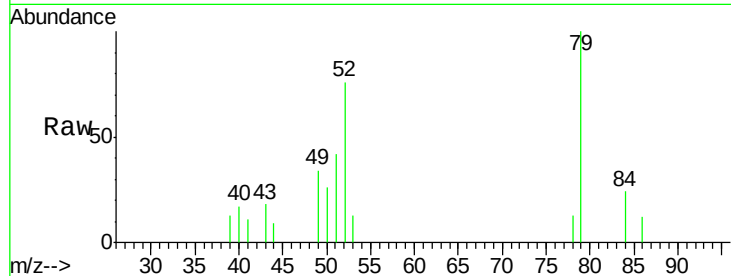
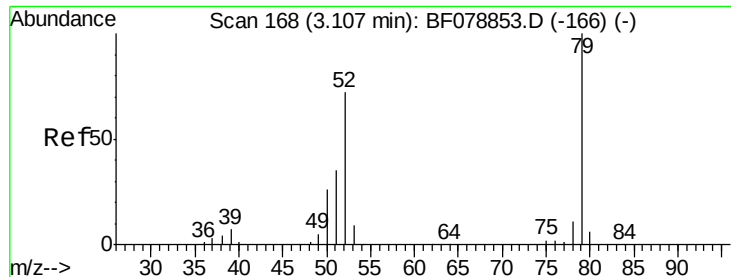
1,4-Dioxane
Concen: 5.20 ng
RT: 2.24 min Scan# 92
Delta R.T. 0.01 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.8	0.0	0.0#
43	22.3	3.3	4.9#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





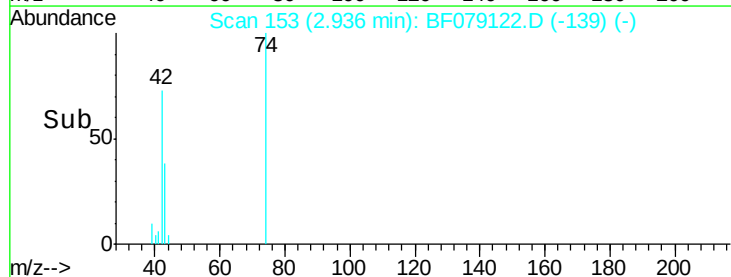
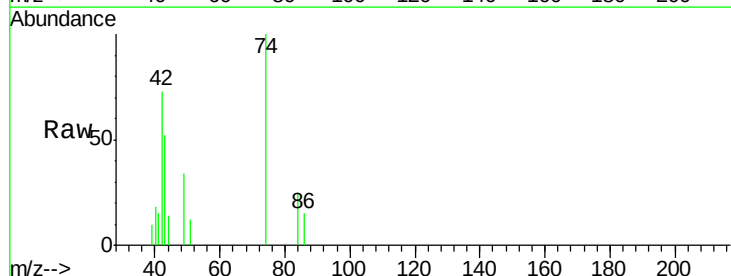
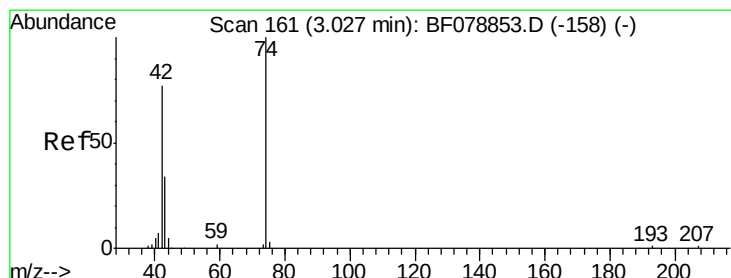
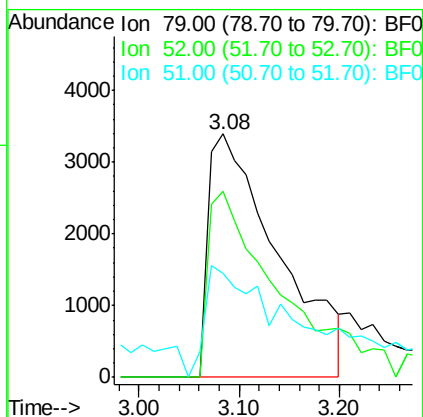
#3
Pvridine
Concen: 4.35 ng
RT: 3.08 min Scan# 166
Delta R.T. 0.13 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	76.2	57.2	85.8
51	42.5	28.9	43.3

Instrument :
BNA_F
ClientSampleId :
PB83261BS

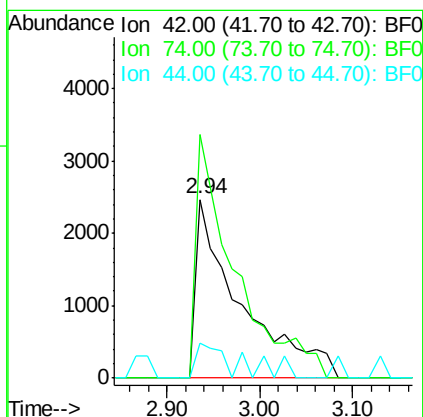
Manual Integrations
APPROVED

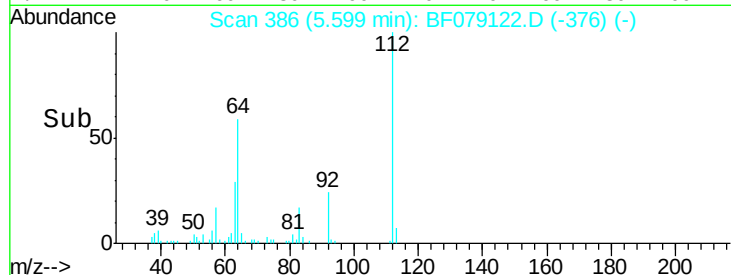
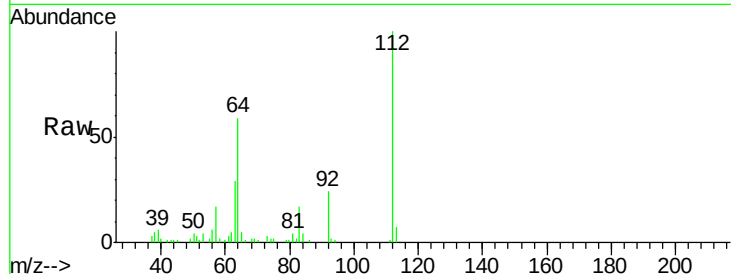
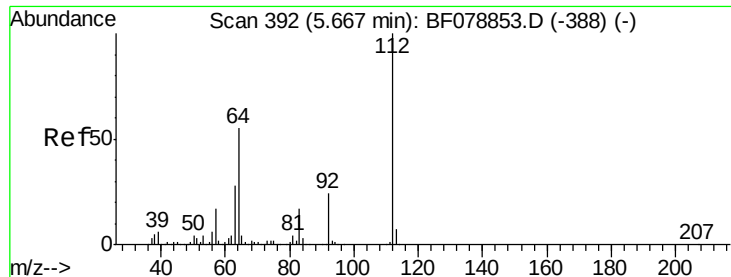
apatel
5/12/2015 4:50:15 PM



#4
n-Nitrosodimethylamine
Concen: 5.16 ng m
RT: 2.94 min Scan# 153
Delta R.T. 0.06 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.4	96.5	144.7
44	19.6	6.1	9.1#





#5

2-Fluorophenol

Concen: 17.76 ng

RT: 5.60 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		52273		
64	59.3		53.5	80.3	
63	28.6		27.5	41.3	

Instrument :

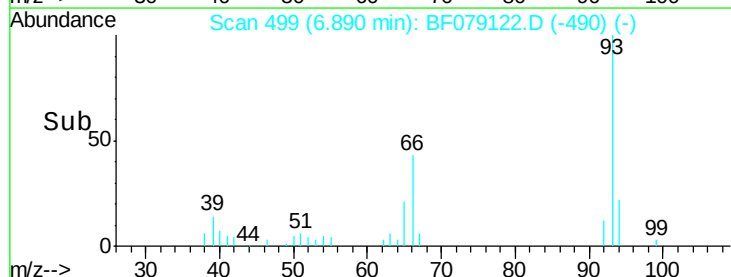
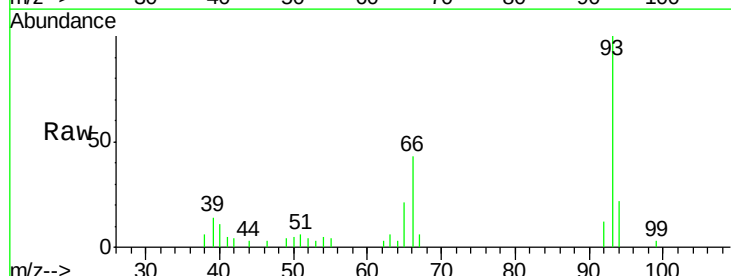
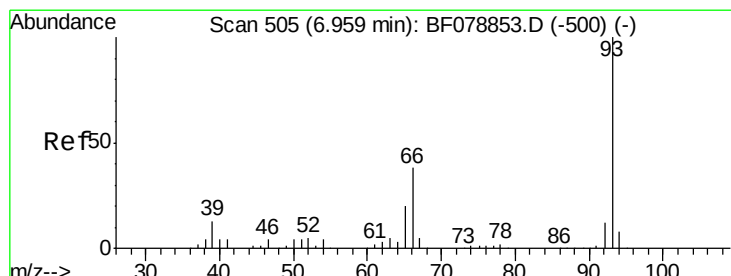
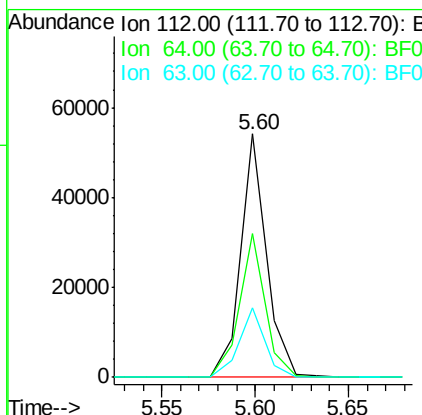
BNA_F

ClientSampleId :

PB83261BS

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



#6

Aniline

Concen: 3.15 ng

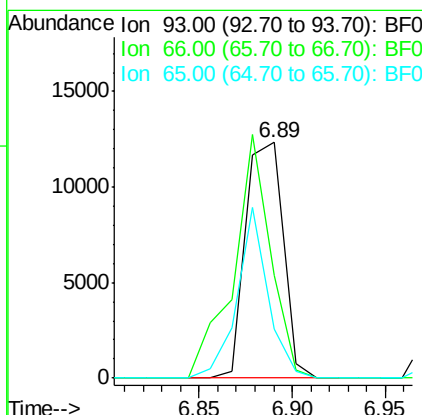
RT: 6.89 min Scan# 499

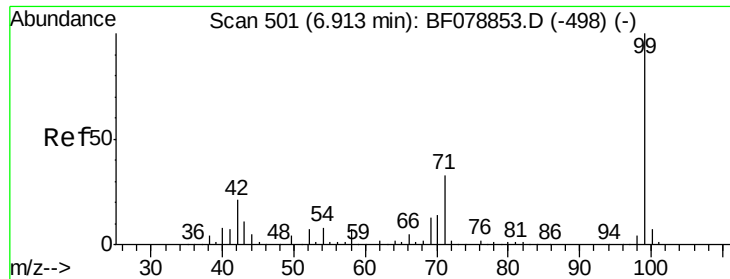
Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		17275		
66	43.3		29.7	44.5	
65	20.9		14.6	22.0	





#7

Phenol-d6

Concen: 17.68 ng

RT: 6.86 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Instrument :

BNA_F

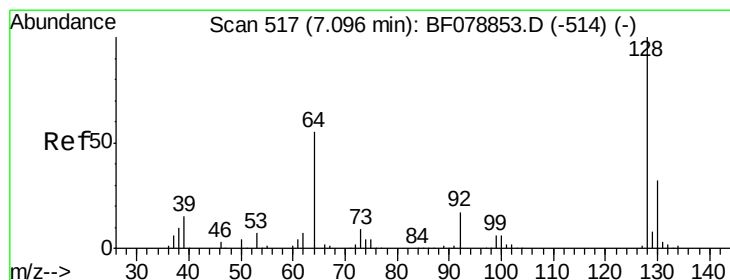
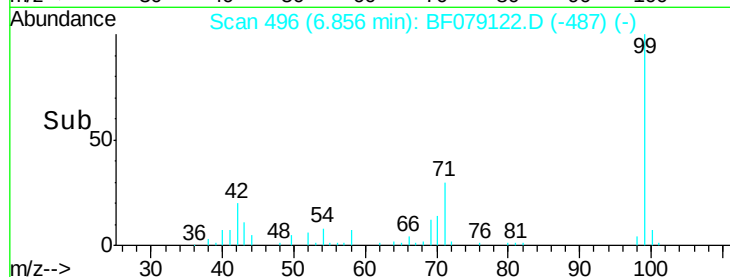
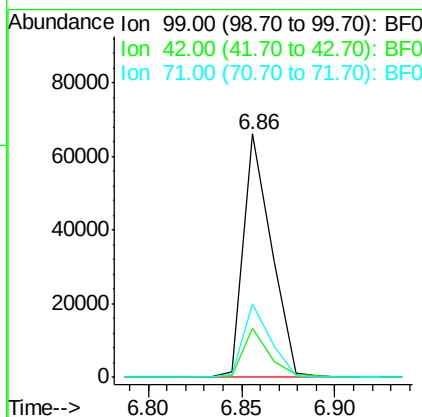
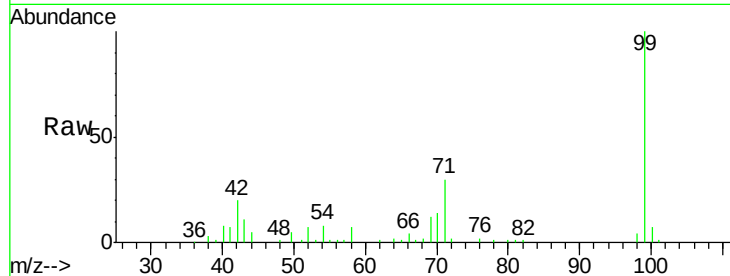
ClientSampleId :

PB83261BS

Tot Ion:	99	Resp:	68809
Ion Ratio	Lower	Upper	
99	100		
42	20.0	12.8	19.2#
71	30.3	23.4	35.2

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



#8

2-Chlorophenol

Concen: 5.58 ng

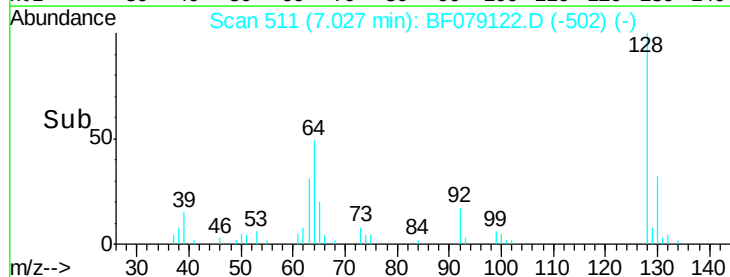
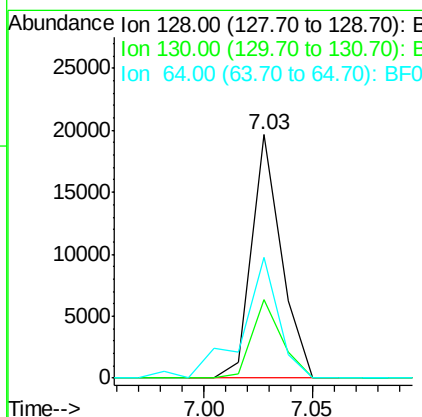
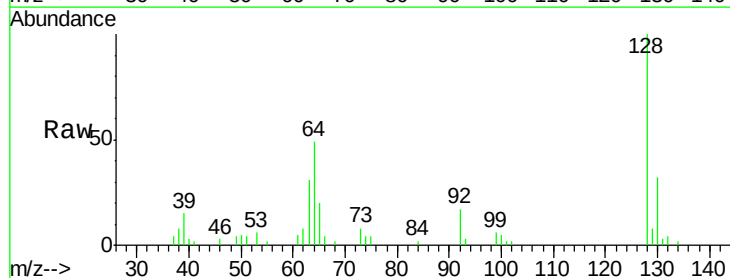
RT: 7.03 min Scan# 511

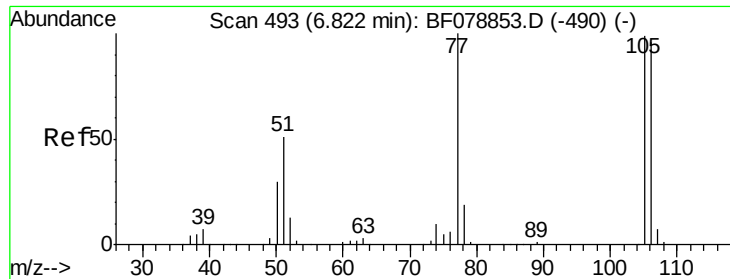
Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Tgt Ion:	128	Resp:	18640
Ion Ratio	Lower	Upper	
128	100		
130	32.3	12.1	52.1
64	49.5	29.6	69.6





#9

Benzaldehyde

Concen: 4.22 ng

RT: 6.74 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Instrument :

BNA_F

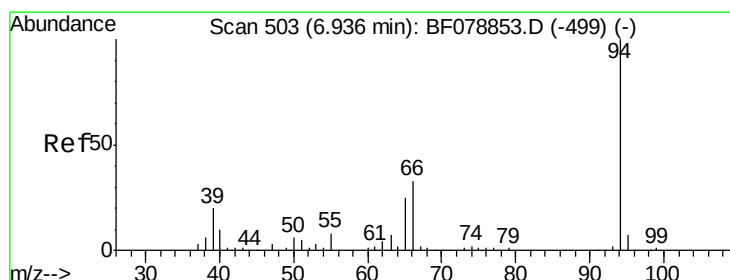
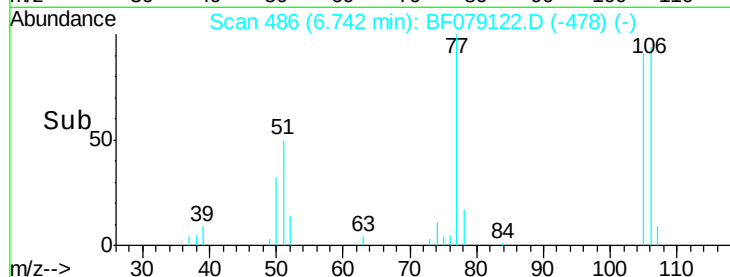
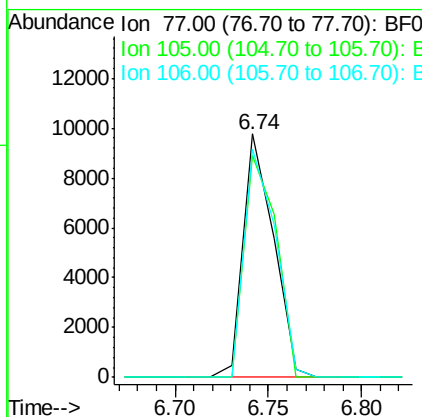
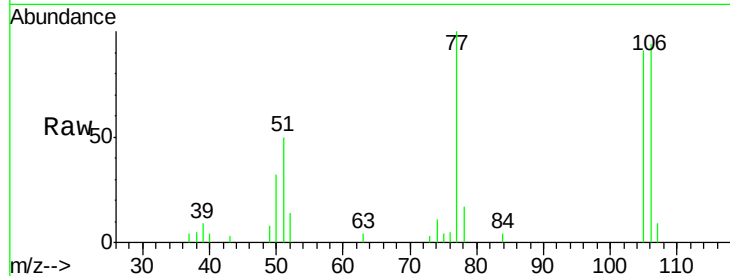
ClientSampleId :

PB83261BS

Tot Ion:	77	Resp:	11073
Ion	Ratio	Lower	Upper
77	100		
105	91.0	81.7	121.7
106	93.6	79.0	119.0

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



#10

Phenol

Concen: 5.28 ng

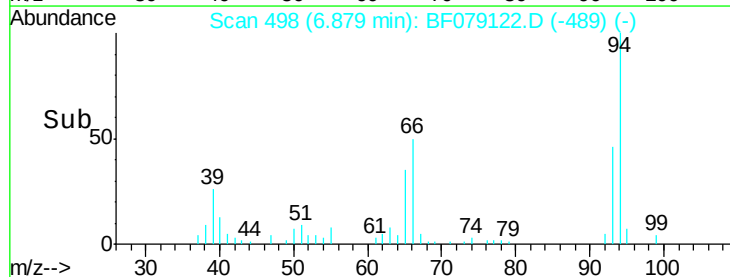
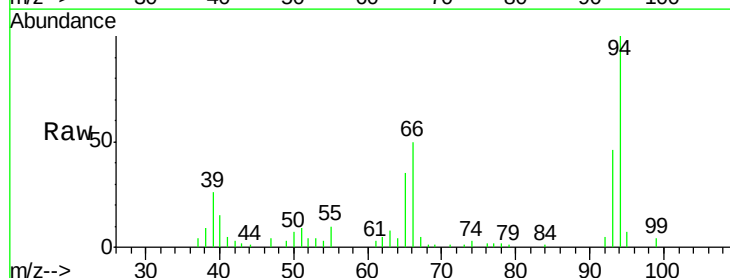
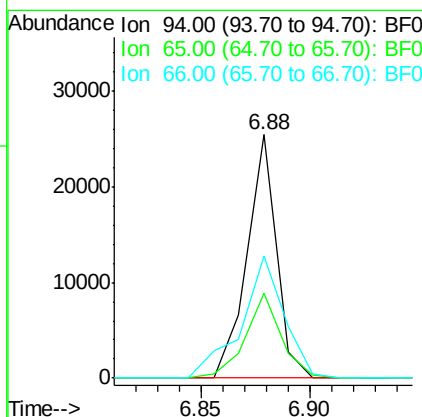
RT: 6.88 min Scan# 498

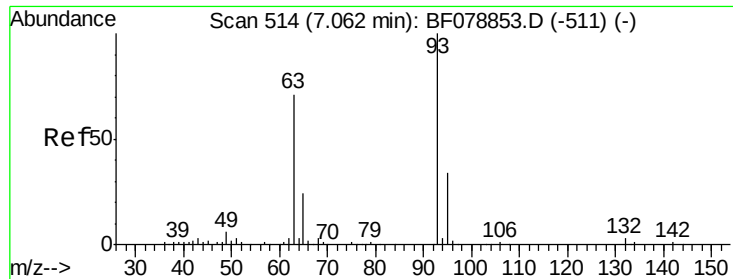
Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Tgt Ion:	94	Resp:	23828
Ion	Ratio	Lower	Upper
94	100		
65	35.0	8.5	48.5
66	50.1	16.0	56.0





#11

bis(2-Chloroethyl)ether

Concen: 5.48 ng

RT: 6.98 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Instrument :

BNA_F

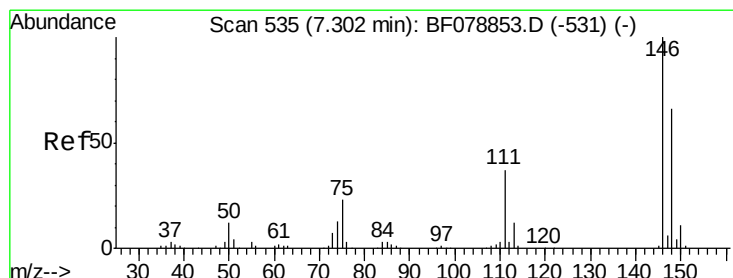
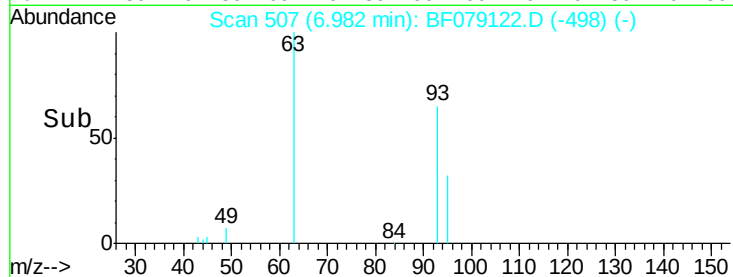
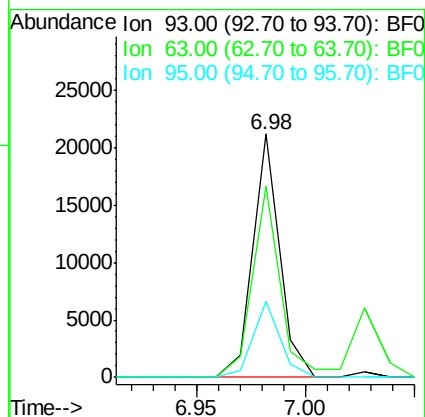
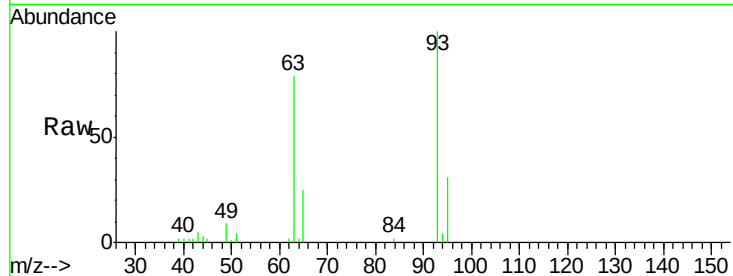
ClientSampleId :

PB83261BS

Tot Ion:	93	Resp:	18138
Ion Ratio	Lower	Upper	
93	100		
63	78.7	64.8	104.8
95	31.1	12.4	52.4

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



#12

1,3-Dichlorobenzene

Concen: 5.22 ng

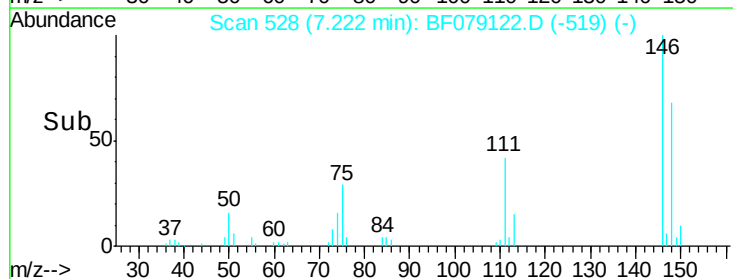
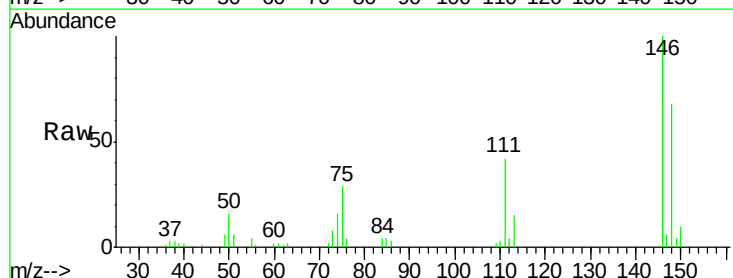
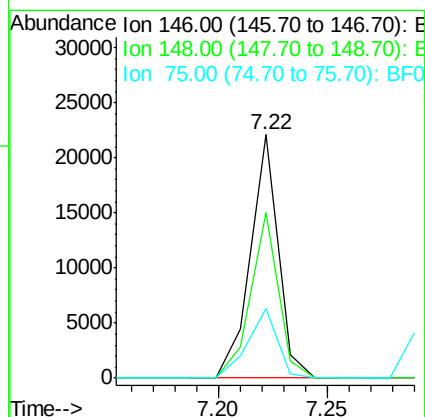
RT: 7.22 min Scan# 528

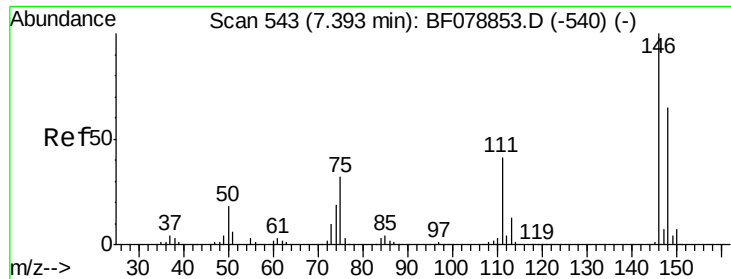
Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Tgt Ion:	146	Resp:	19603
Ion Ratio	Lower	Upper	
146	100		
148	67.8	50.2	75.2
75	28.8	29.2	43.8#





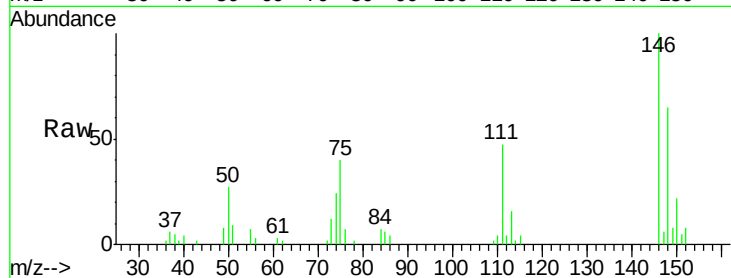
#13
 1,4-Dichlorobenzene
 Concen: 5.09 ng
 RT: 7.31 min Scan# 536
 Delta R.T. -0.01 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.8	79.2
111	46.8	31.7	47.5

Manual Integrations
 APPROVED

apatel
 5/12/2015 4:50:15 PM

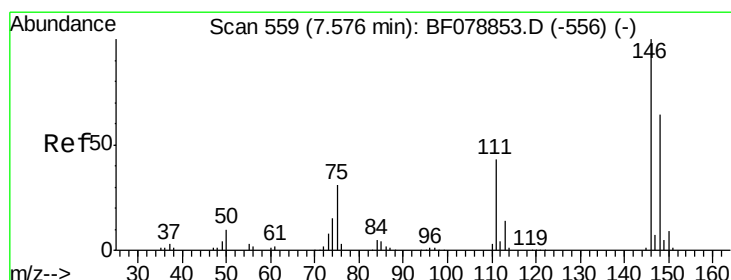
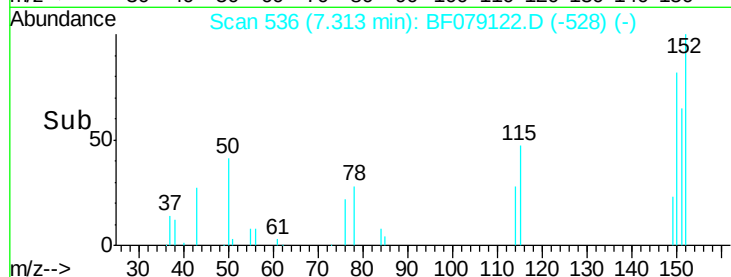
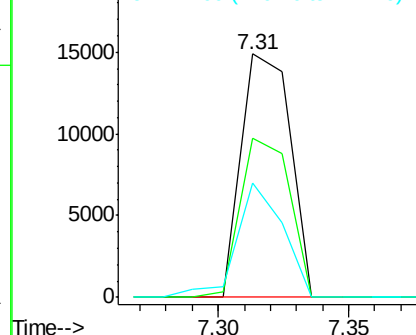


Abundance

Ion 146.00 (145.70 to 146.70): E

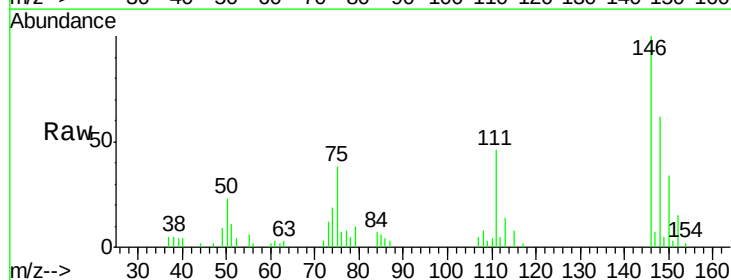
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 5.32 ng
 RT: 7.50 min Scan# 552
 Delta R.T. -0.01 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	51.2	76.8
111	45.8	33.3	49.9

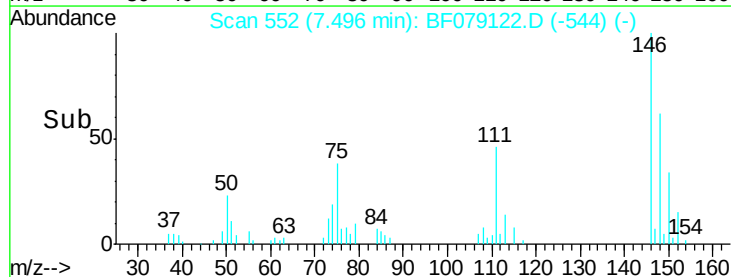
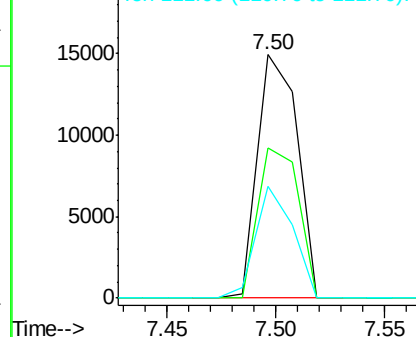


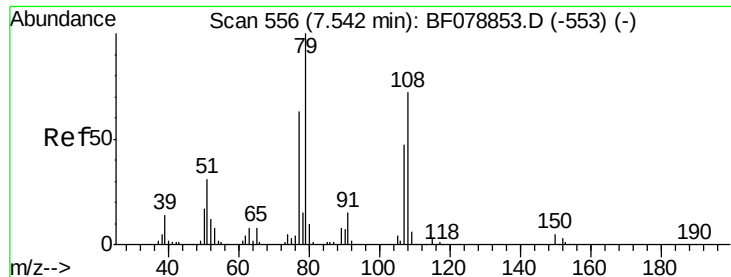
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 5.43 ng

RT: 7.47 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Instrument :

BNA_F

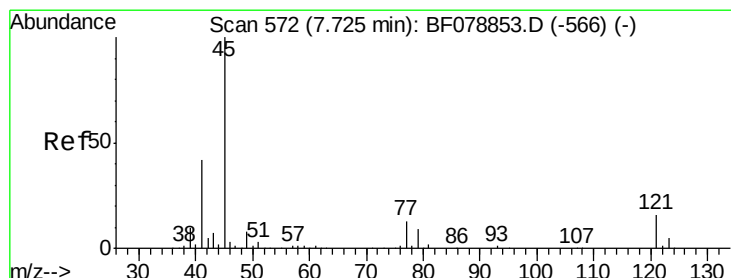
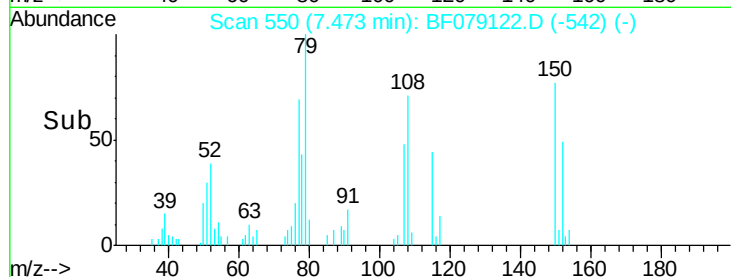
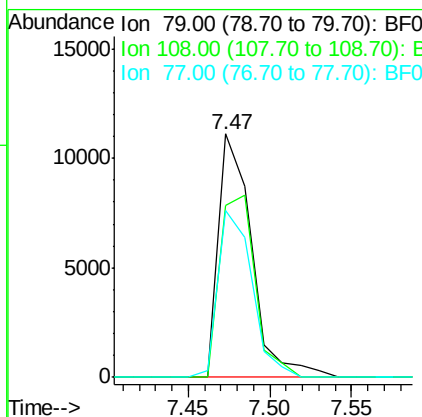
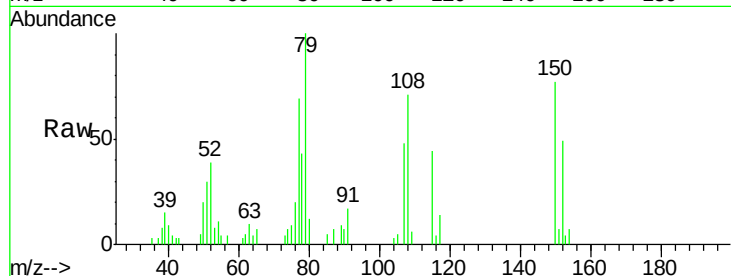
ClientSampleId :

PB83261BS

Tot Ion:	79	Resp:	15678
Ion	Ratio	Lower	Upper
79	100		
108	70.9	62.5	93.7
77	68.6	52.2	78.4

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 5.38 ng

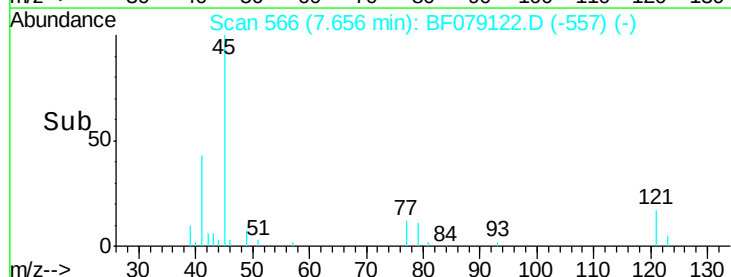
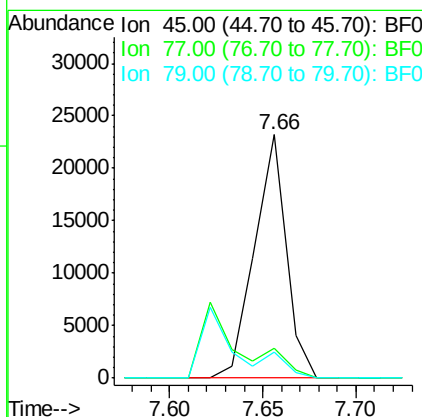
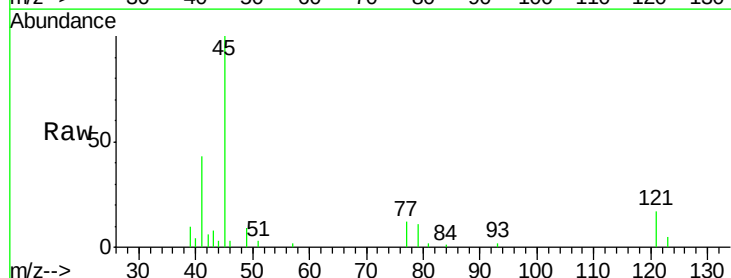
RT: 7.66 min Scan# 566

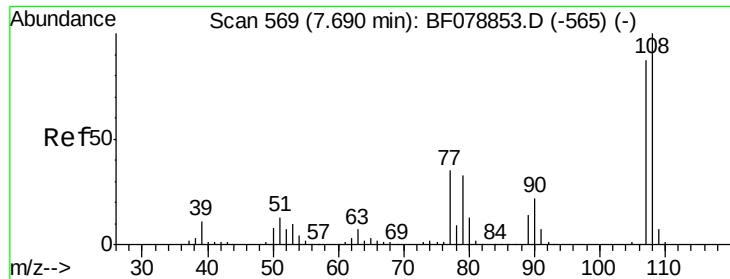
Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Tgt Ion:	45	Resp:	27231
Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	32.3
79	10.7	0.0	30.1





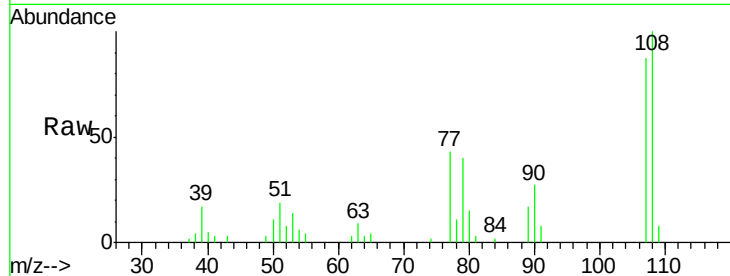
#17
2-Methylphenol
Concen: 5.46 ng
RT: 7.62 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		14667		
108	114.9	94.9	142.3		
77	48.9	36.2	54.4		
79	45.6	35.2	52.8		

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



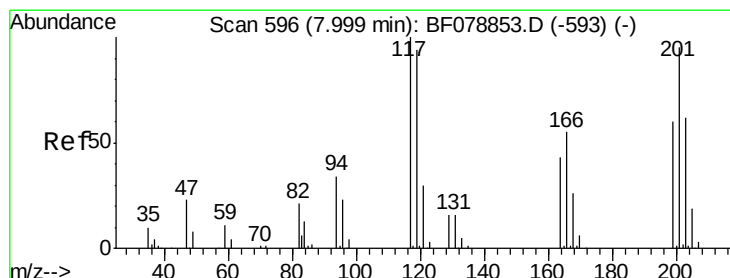
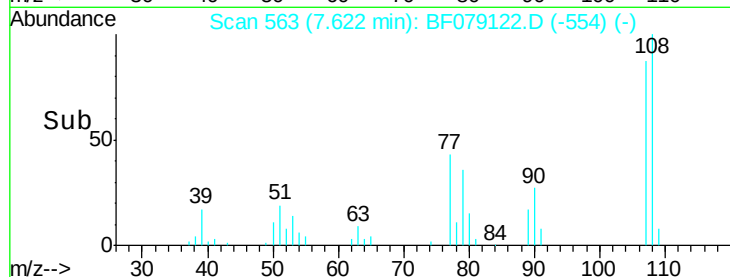
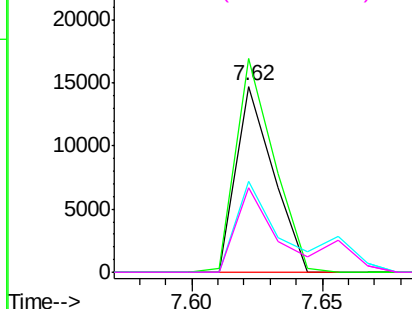
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

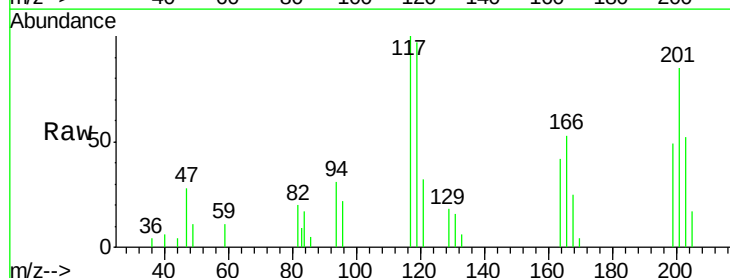
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 5.43 ng
RT: 7.92 min Scan# 589
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		7224		
119	97.2	75.4	113.0		
201	84.6	83.2	124.8		

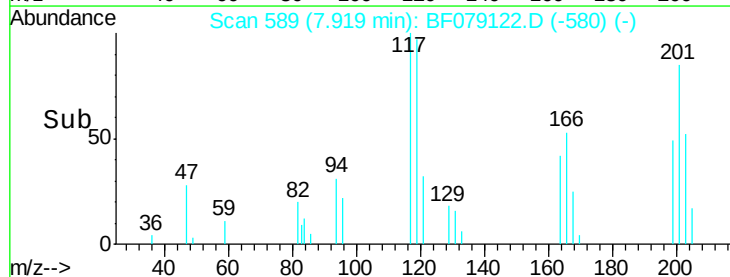
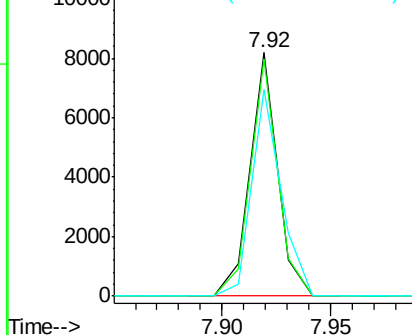


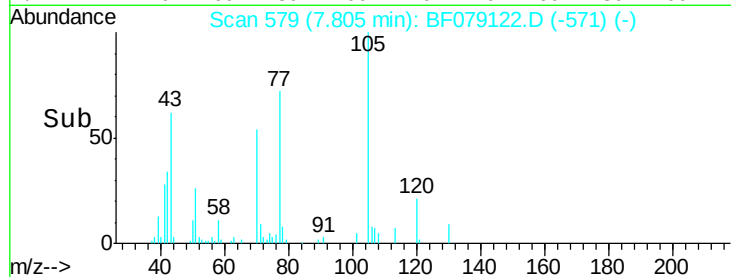
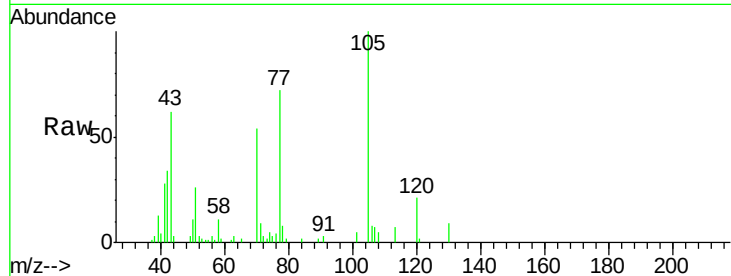
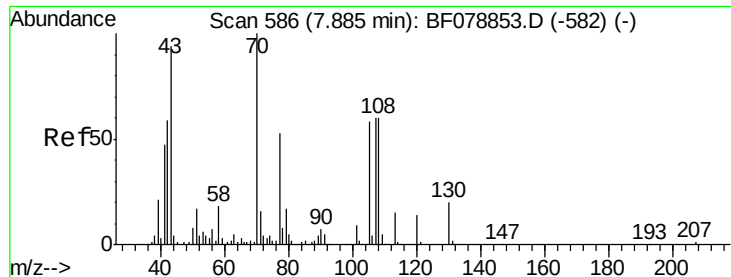
Abundance

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





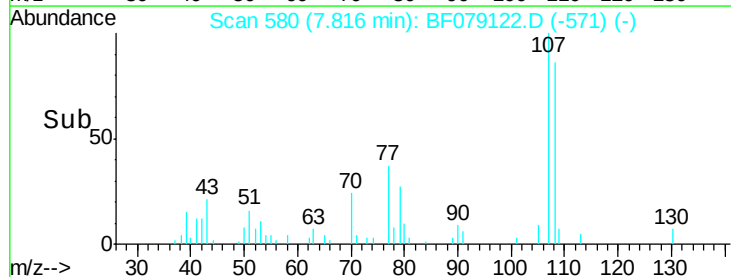
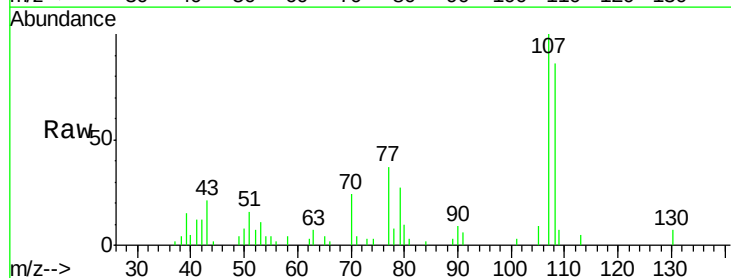
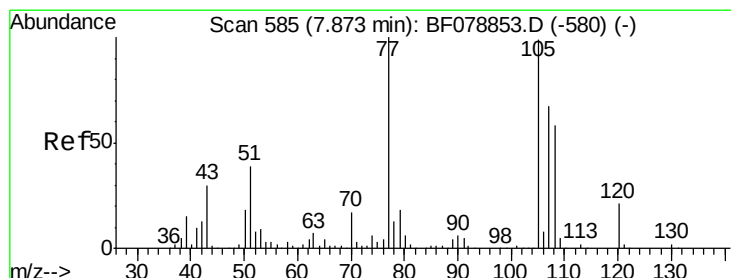
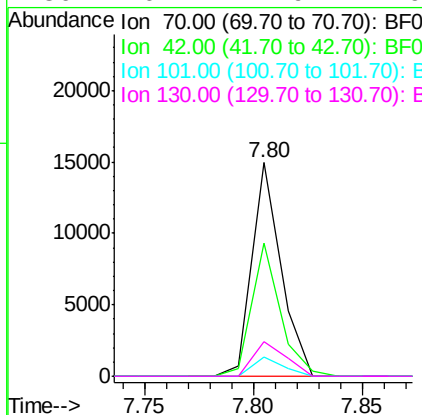
#19
n-Nitroso-di-n-propylamine
Concen: 5.27 ng
RT: 7.80 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	62.6	55.4	83.0		
101	9.1	6.6	10.0		
130	16.4	11.9	17.9		

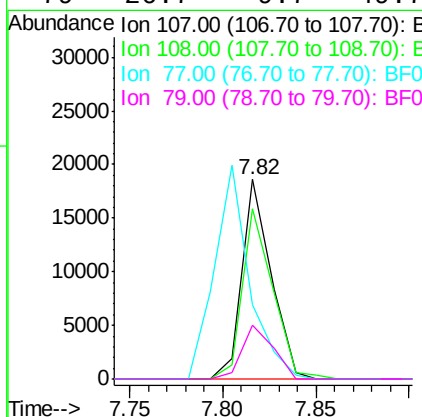
Manual Integrations
APPROVED

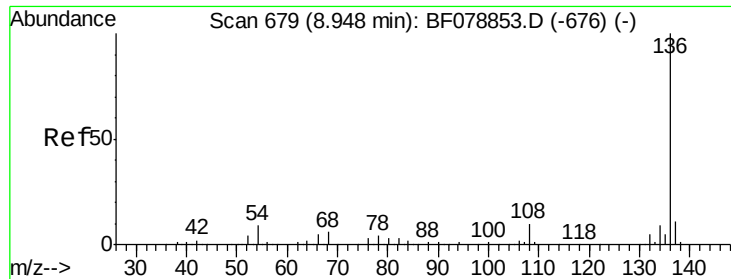
apatel
5/12/2015 4:50:15 PM



#20
3+4-Methylphenols
Concen: 5.67 ng
RT: 7.82 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.5	76.9	116.9		
77	37.0	136.8	176.8#		
79	26.7	9.7	49.7		





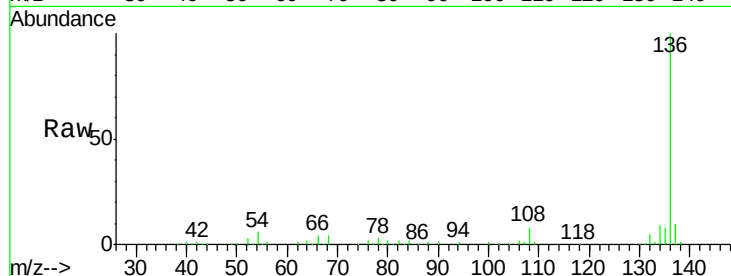
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.88 min Scan# 673
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

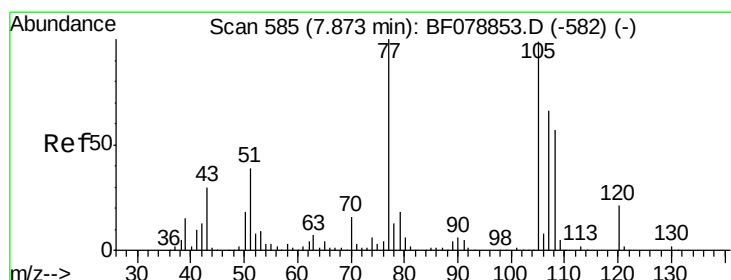
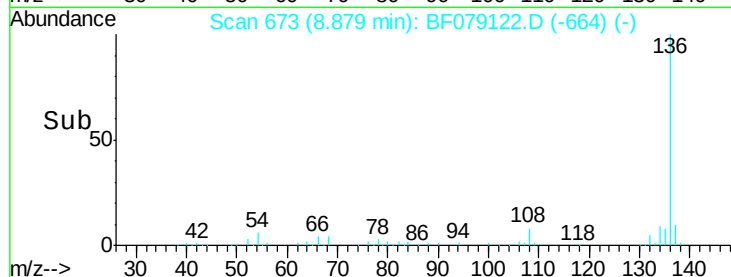
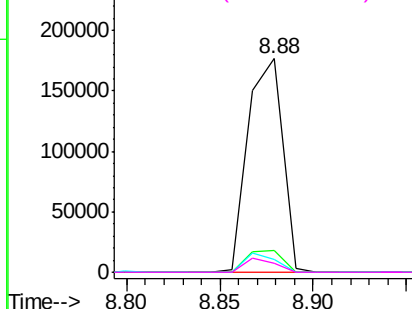
Tot Ion	Ratio	Resp	Lower	Upper
136	100	227811		
137	10.3		8.7	13.1
54	5.9		5.8	8.8
68	4.5		4.2	6.4

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



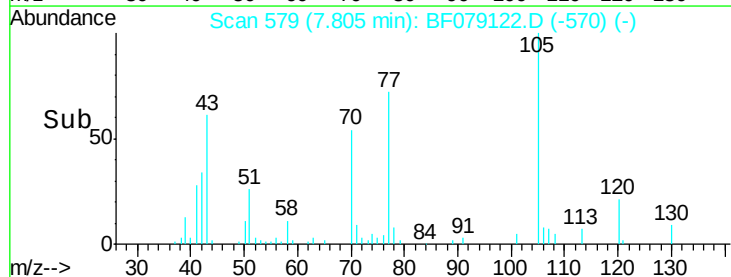
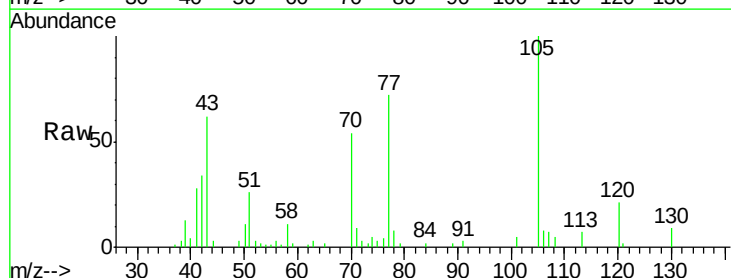
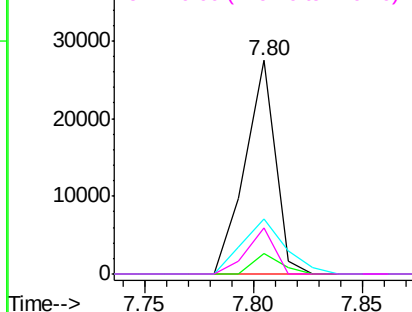
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

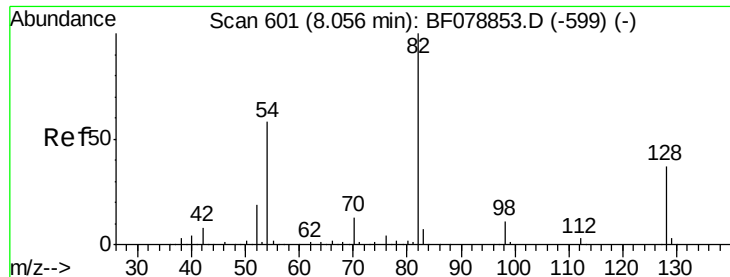


#22
Acetophenone
Concen: 5.17 ng
RT: 7.80 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	26587		
71	9.4		4.6	6.8#
51	25.6		26.7	40.1#
120	21.4		17.4	26.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





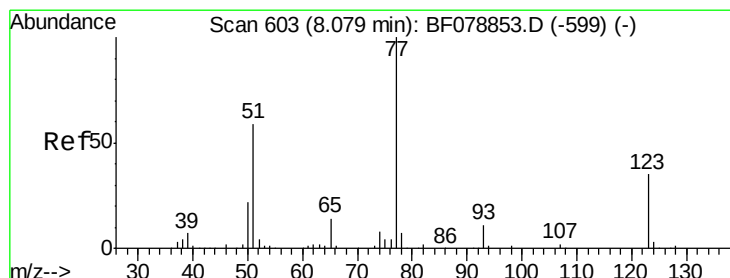
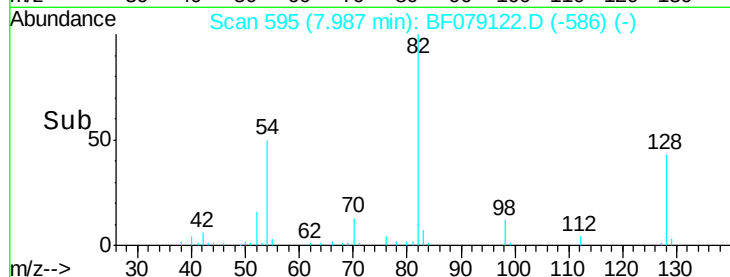
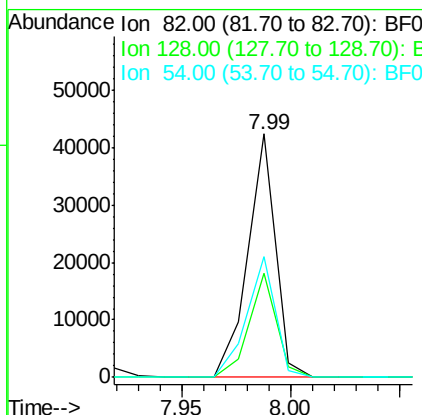
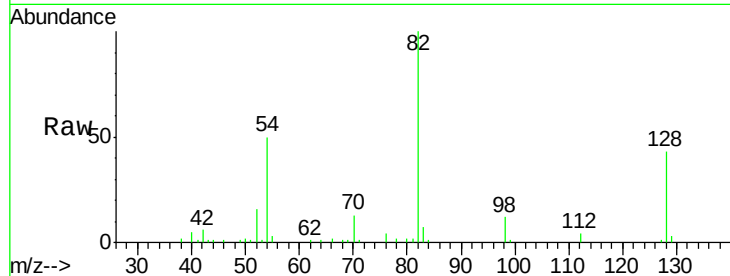
#23
 Nitrobenzene-d5
 Concen: 9.42 ng
 RT: 7.99 min Scan# 595
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	37331		
128	43.0	30.0	45.0	
54	49.6	46.4	69.6	

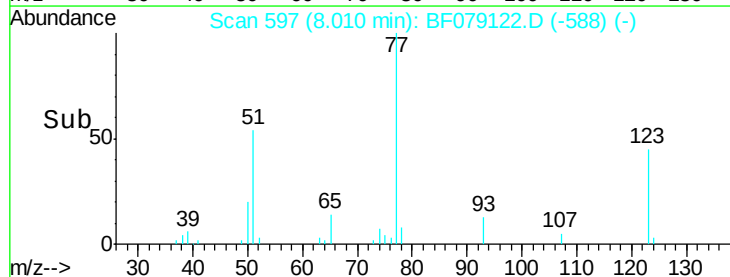
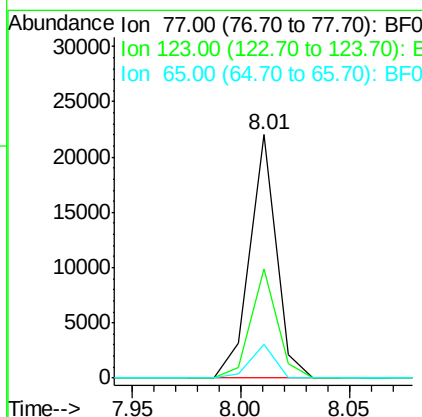
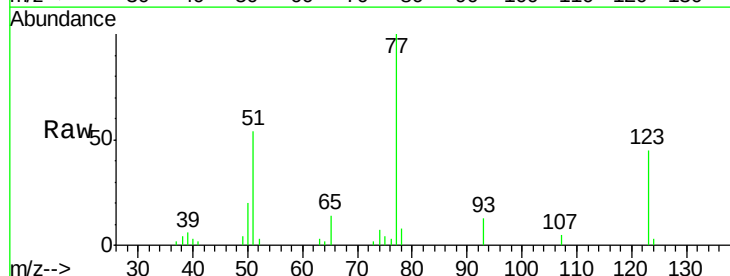
Manual Integrations
 APPROVED

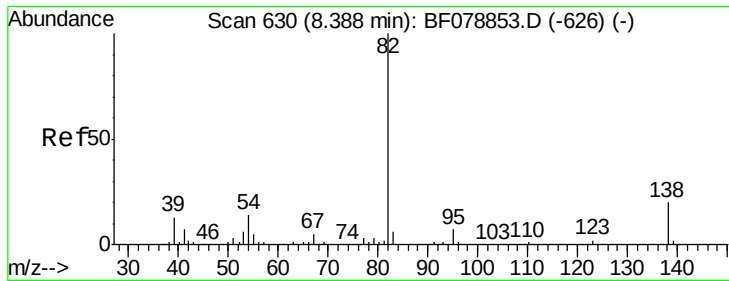
apatel
 5/12/2015 4:50:15 PM



#24
 Nitrobenzene
 Concen: 4.77 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	18748		
123	44.8	31.8	47.8	
65	13.7	10.6	15.8	





#25

Isophorone

Concen: 4.93 ng

RT: 8.31 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Instrument :

BNA_F

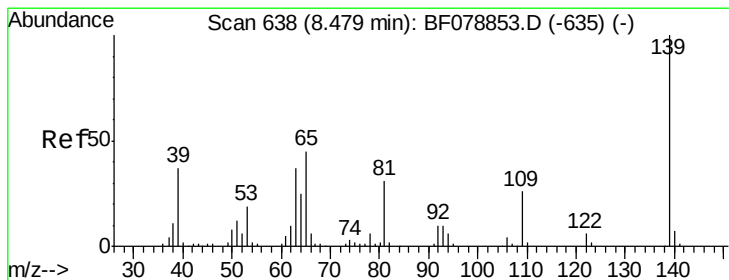
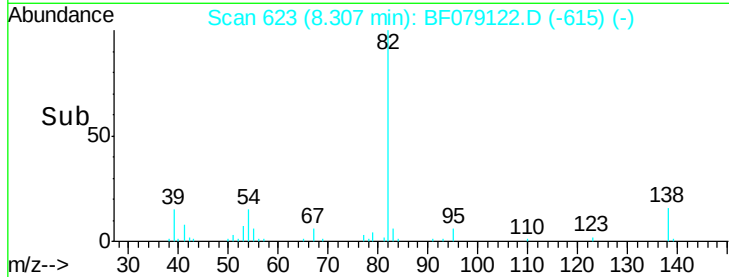
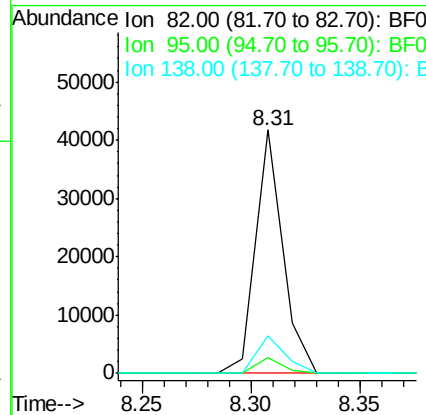
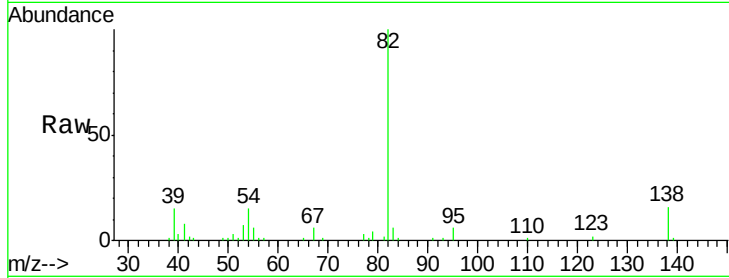
ClientSampleId :

PB83261BS

Tot Ion:	82	Resp:	36261
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.3	7.9
138	15.6	12.0	18.0

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



#26

2-Nitrophenol

Concen: 4.57 ng

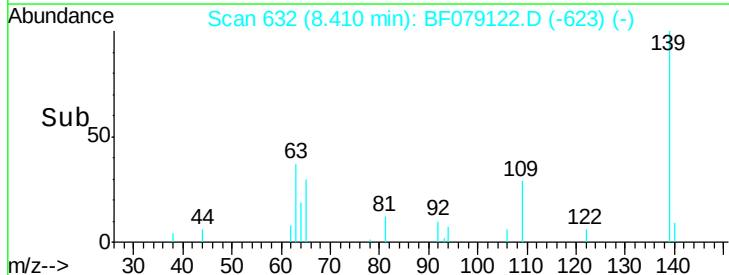
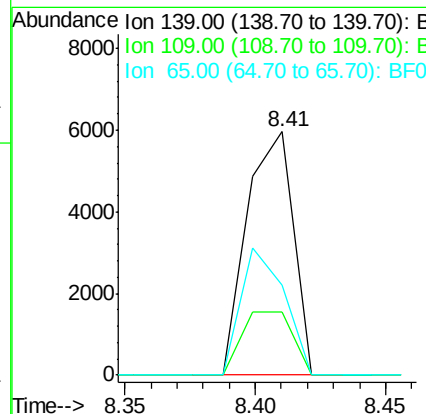
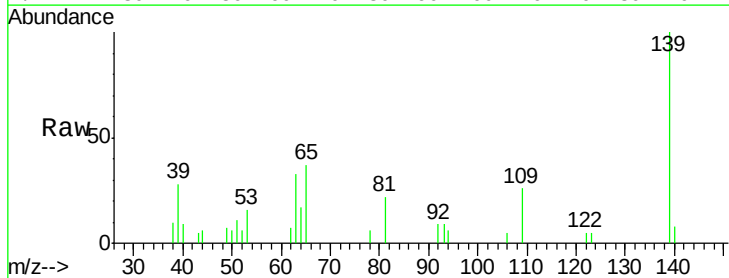
RT: 8.41 min Scan# 632

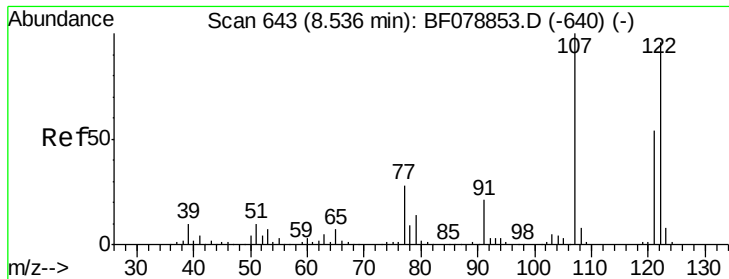
Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Tgt Ion:	139	Resp:	7433
Ion Ratio	Lower	Upper	
139	100		
109	26.2	21.0	31.4
65	37.1	30.5	45.7





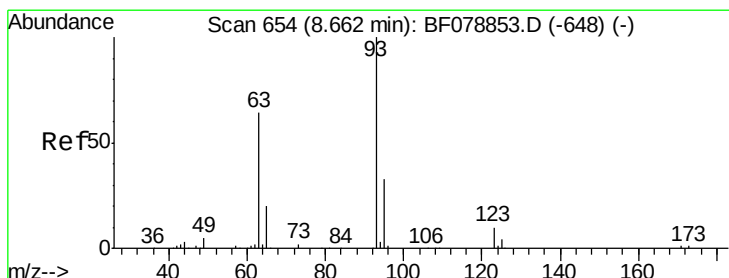
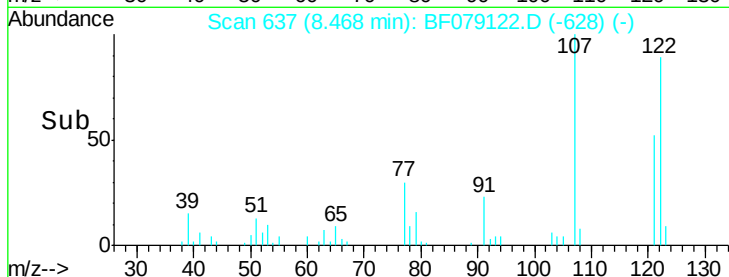
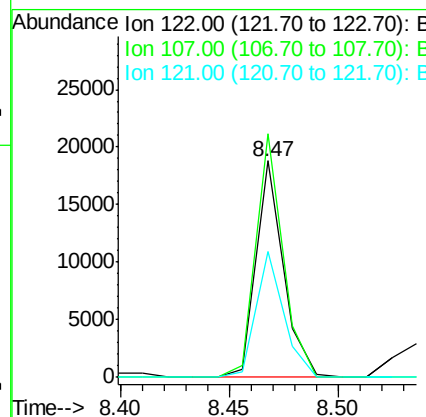
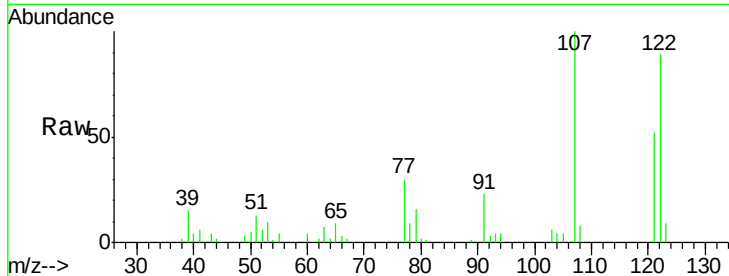
#27
 2,4-Dimethylphenol
 Concen: 5.09 ng
 RT: 8.47 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampled :
 PB83261BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	16578		
107	112.4	90.6	135.8	
121	58.1	45.4	68.2	

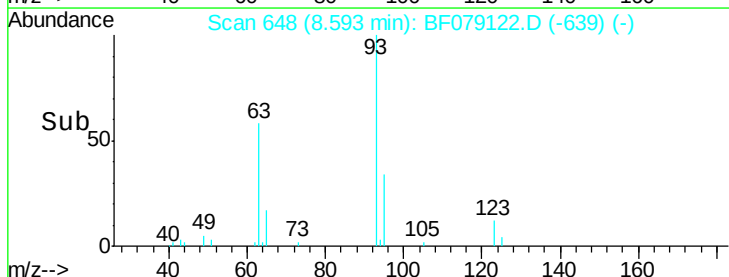
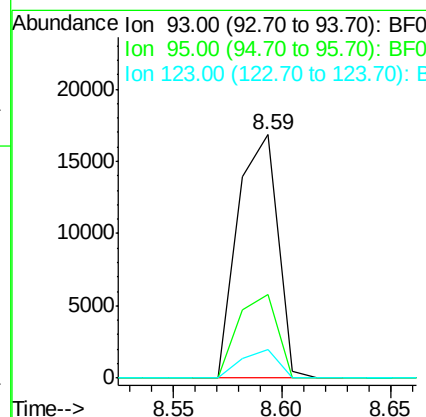
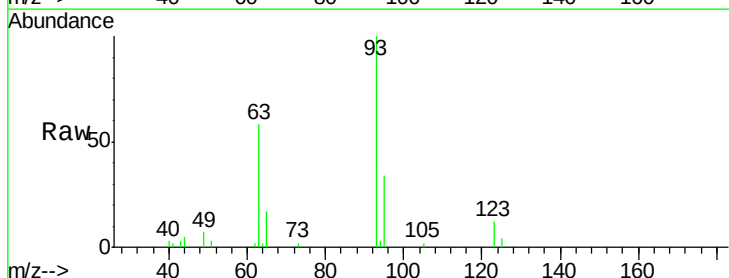
Manual Integrations
 APPROVED

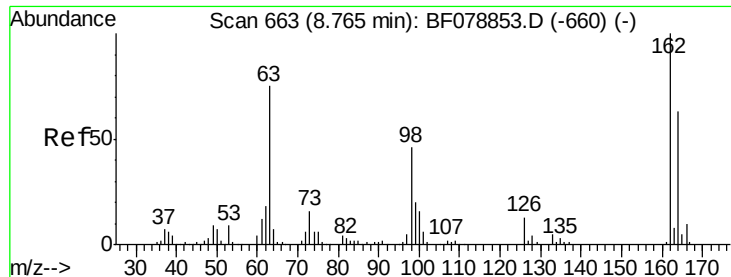
apatel
 5/12/2015 4:50:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.72 ng
 RT: 8.59 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	21389		
95	34.4	26.7	40.1	
123	11.7	9.1	13.7	





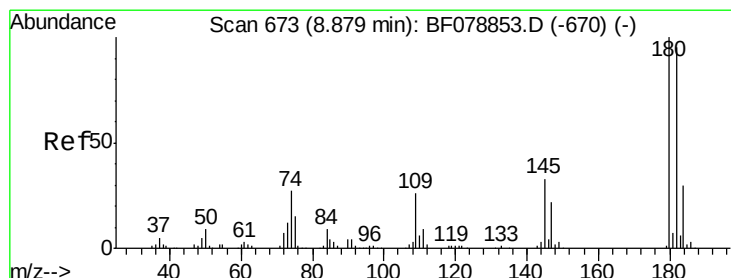
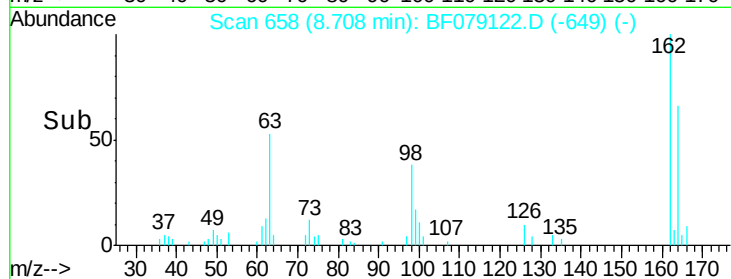
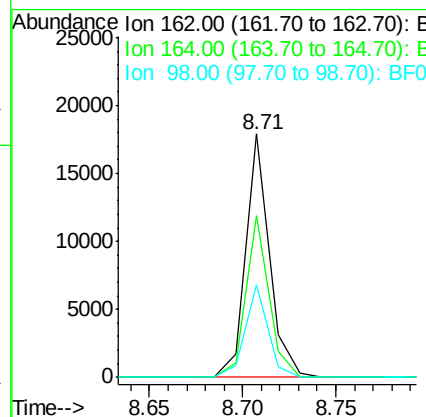
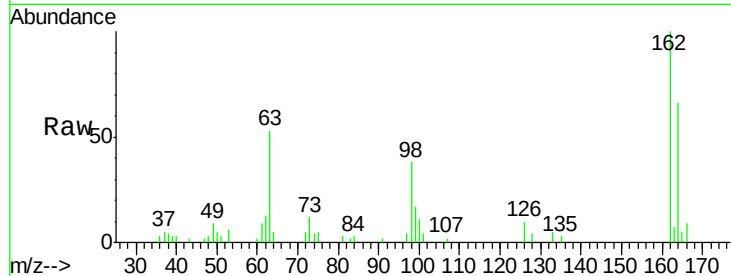
#29
 2,4-Dichlorophenol
 Concen: 5.48 ng
 RT: 8.71 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Tot Ion:	162	Resp:	15847
Ion Ratio	Lower	Upper	
162	100		
164	66.4	43.6	83.6
98	38.0	16.5	56.5

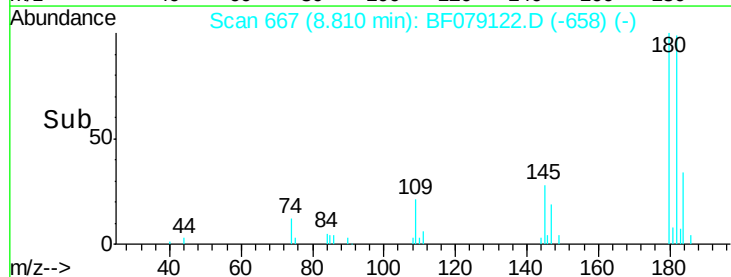
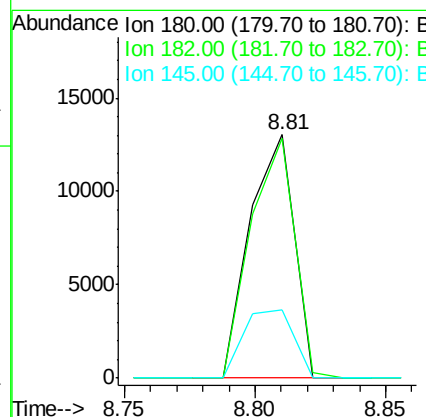
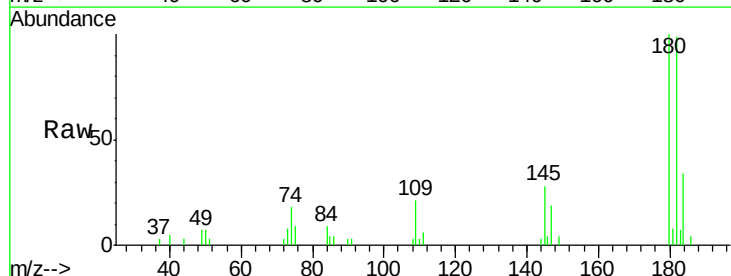
Manual Integrations
 APPROVED

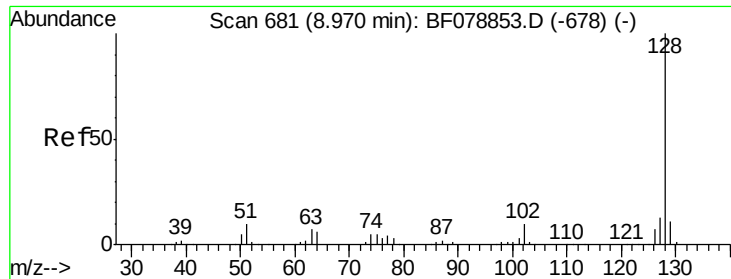
apatel
 5/12/2015 4:50:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 4.81 ng
 RT: 8.81 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion:	180	Resp:	15305
Ion Ratio	Lower	Upper	
180	100		
182	98.7	78.9	118.3
145	28.0	24.2	36.4





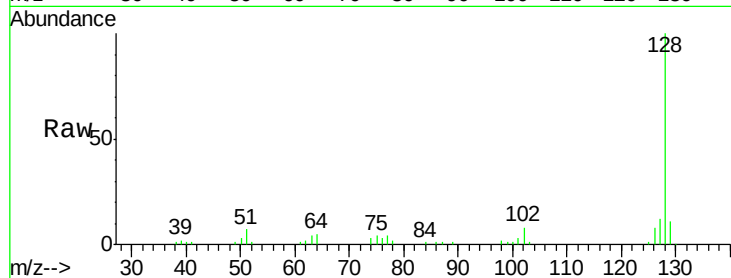
#31
Naphthalene
Concen: 5.21 ng
RT: 8.90 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

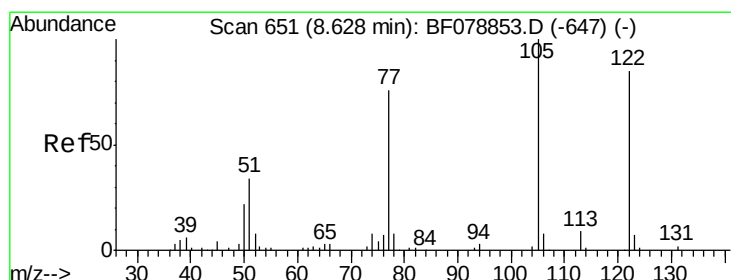
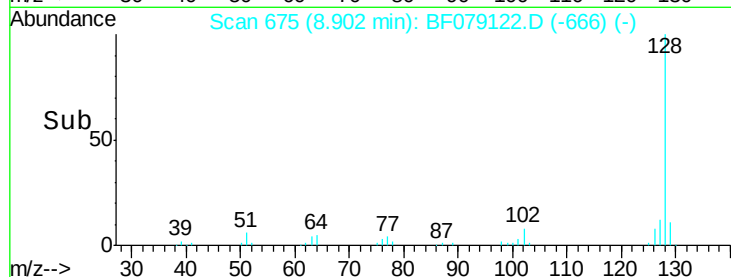
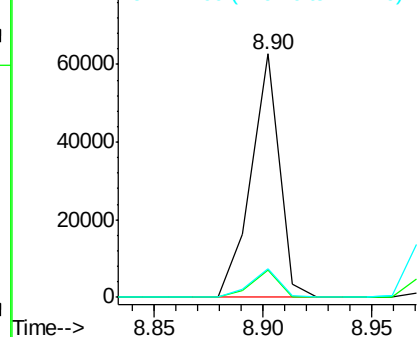
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	11.7	10.7	16.1

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM

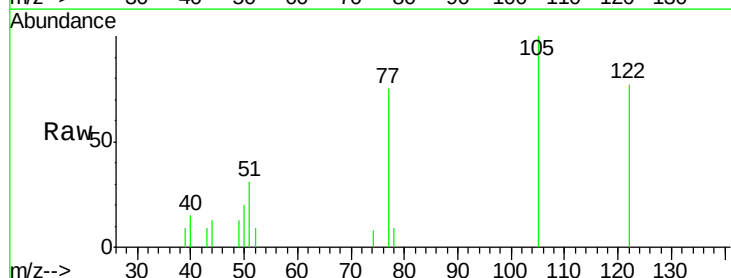


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

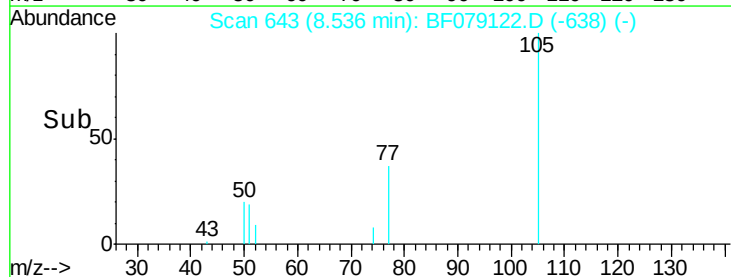
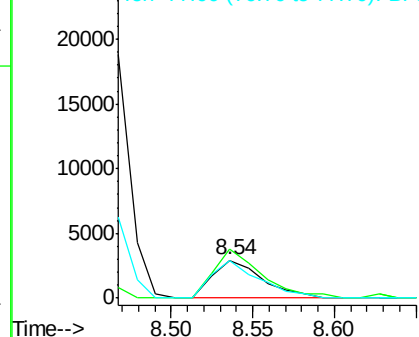


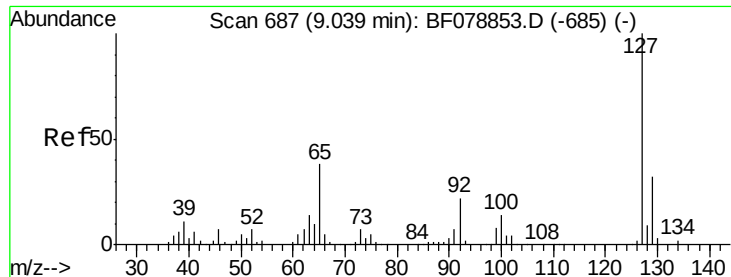
#32
Benzoic acid
Concen: 8.94 ng
RT: 8.54 min Scan# 643
Delta R.T. -0.05 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.5	107.1	147.1
77	97.6	73.9	113.9



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





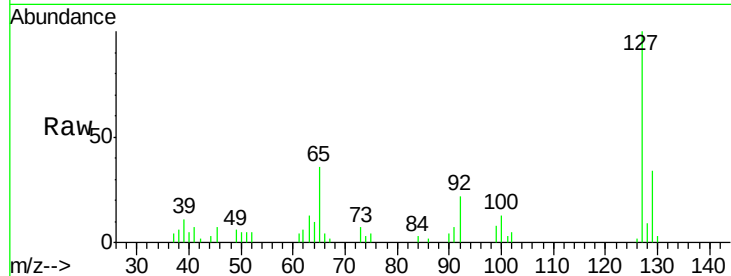
#33
4-Chloroaniline
Concen: 3.39 ng
RT: 8.97 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

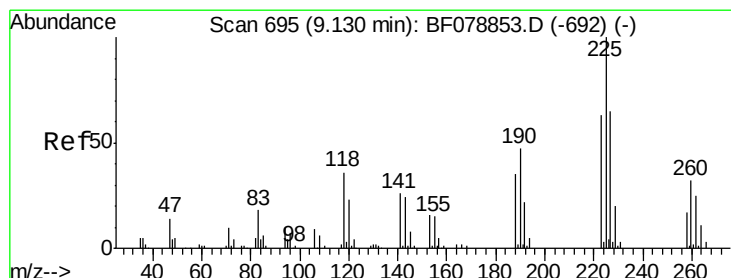
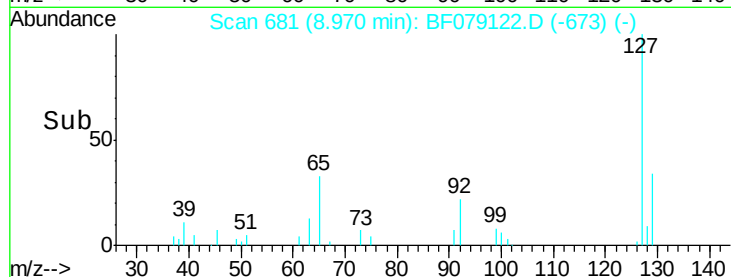
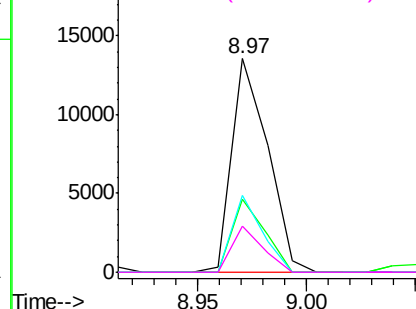
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		15552		
129	34.3	25.8	38.8		
65	36.0	25.8	38.6		
92	21.9	15.5	23.3		

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM

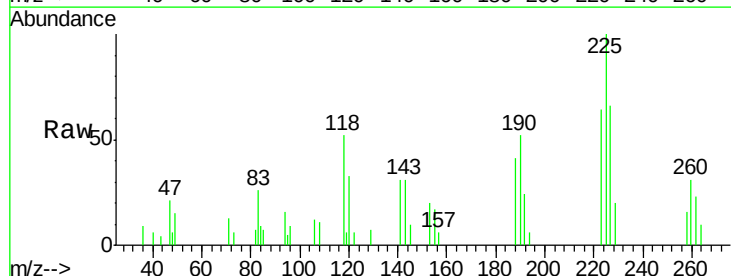


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

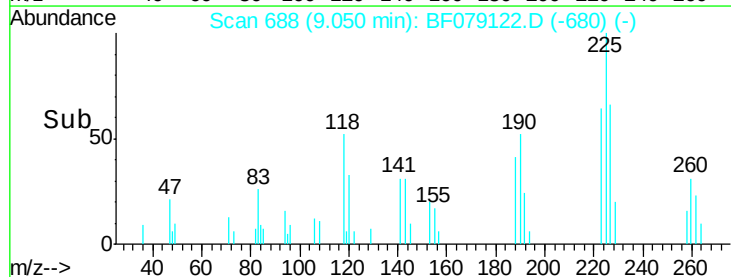
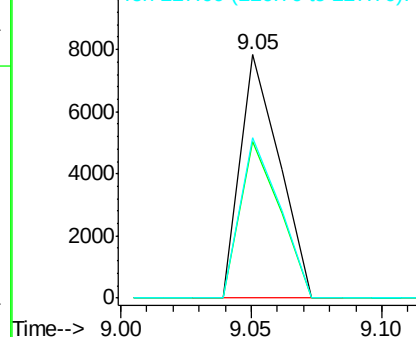


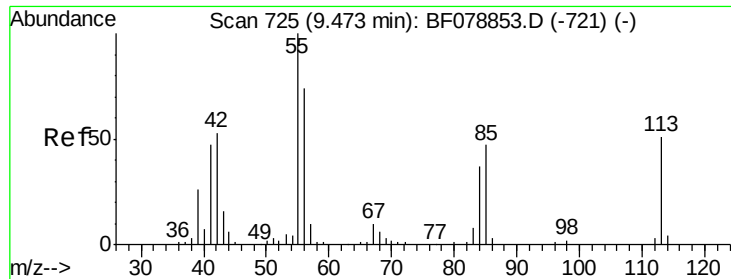
#34
Hexachlorobutadiene
Concen: 4.48 ng
RT: 9.05 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		8204		
223	64.2	48.2	72.4		
227	66.0	51.4	77.0		



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





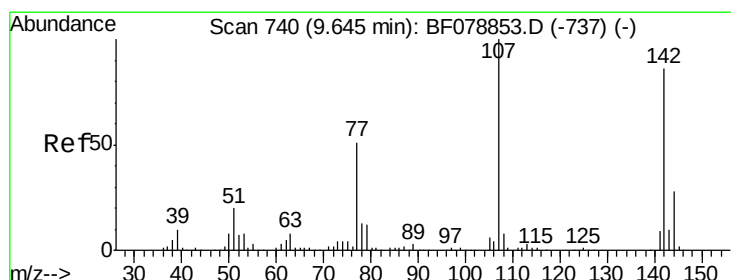
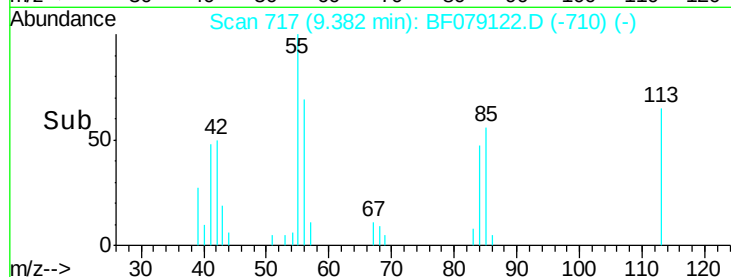
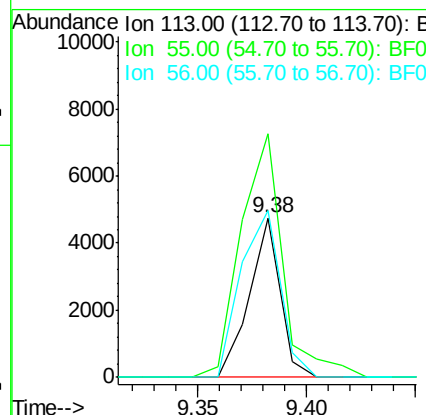
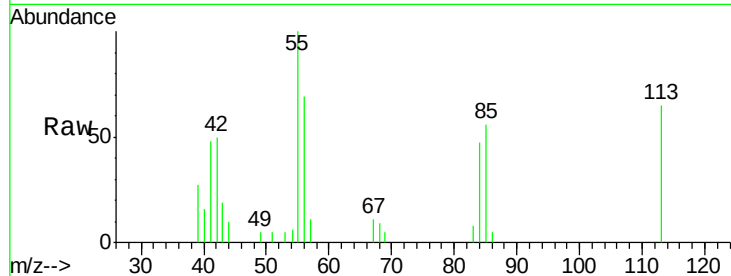
#35
Caprolactam
Concen: 4.96 ng
RT: 9.38 min Scan# 717
Delta R.T. -0.02 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.8	169.7	209.7#
56	104.9	122.5	162.5#

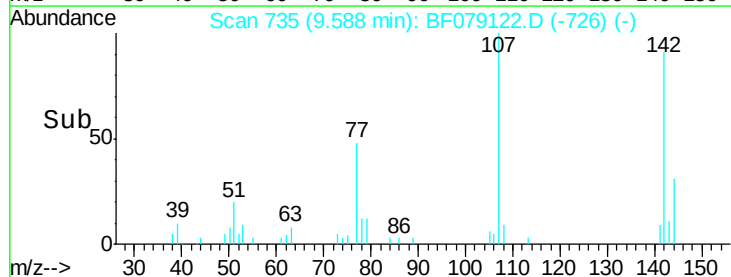
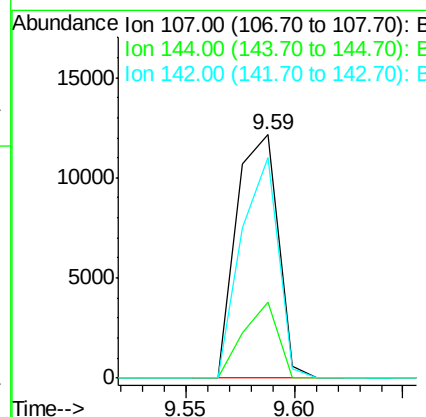
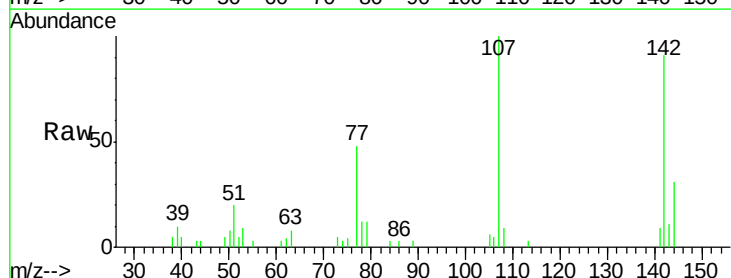
Manual Integrations
APPROVED

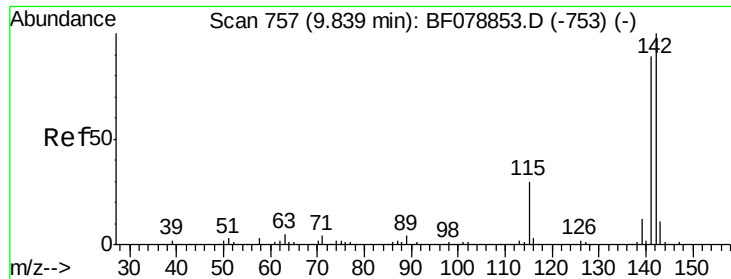
apatel
5/12/2015 4:50:15 PM



#36
4-Chloro-3-methylphenol
Concen: 5.29 ng
RT: 9.59 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	31.3	19.8	29.6#
142	90.7	60.6	91.0





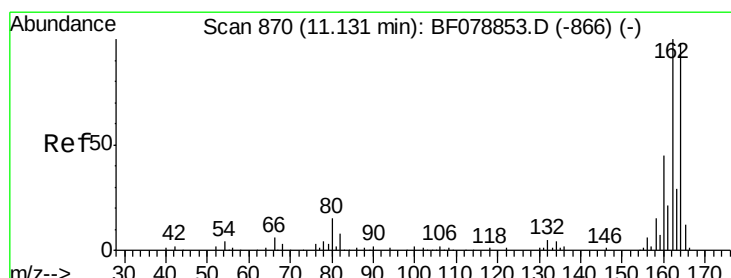
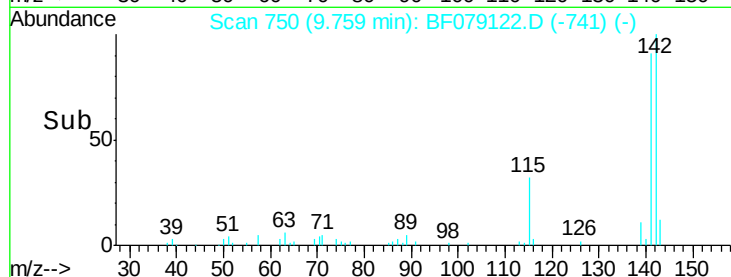
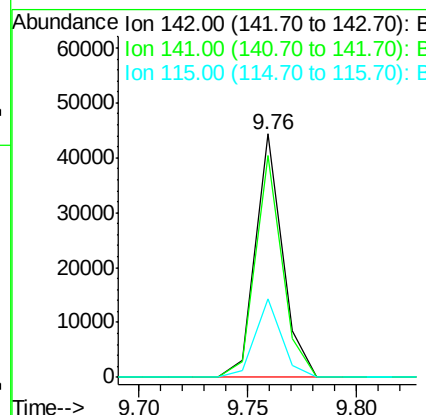
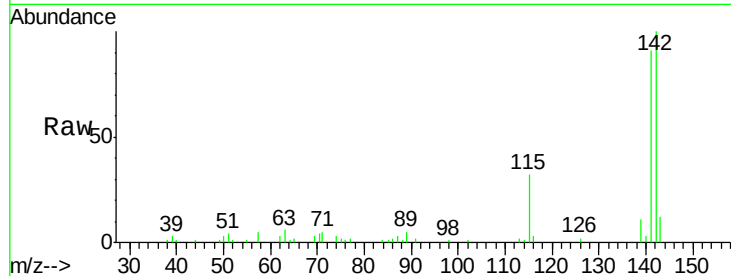
#37
 2-Methylnaphthalene
 Concen: 5.11 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.9	106.3
115	32.1	28.5	42.7

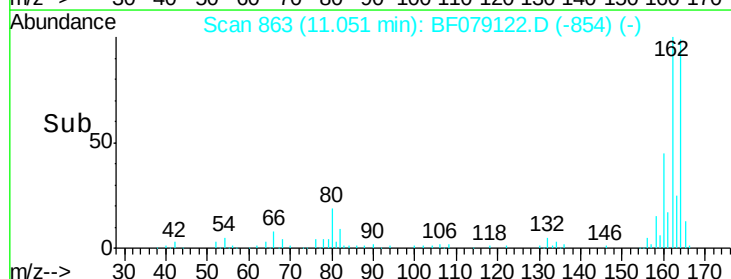
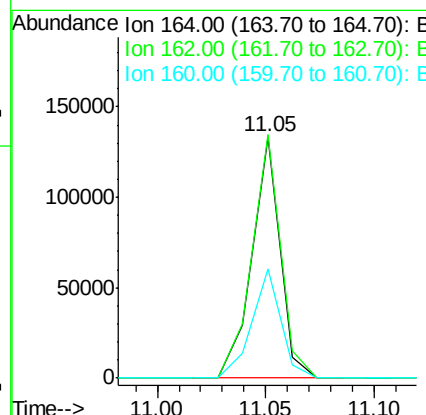
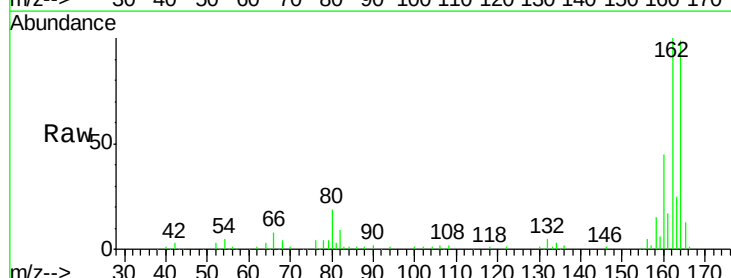
Manual Integrations
 APPROVED

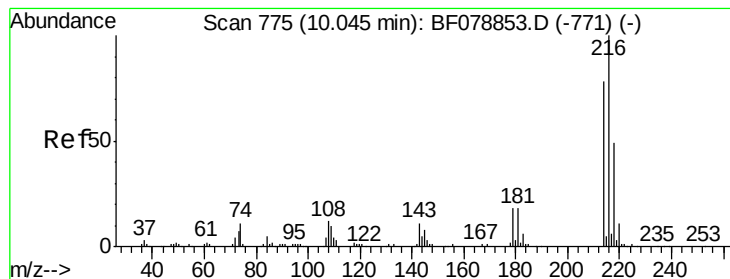
apatel
 5/12/2015 4:50:15 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.7	124.1
160	45.3	35.8	53.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.80 ng

RT: 9.96 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Instrument :

BNA_F

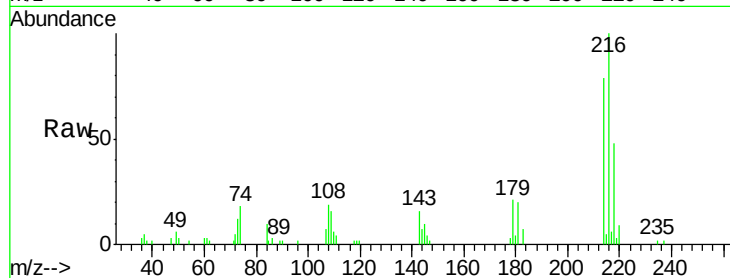
ClientSampleId :

PB83261BS

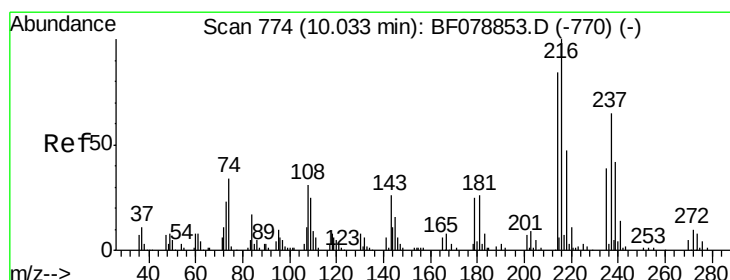
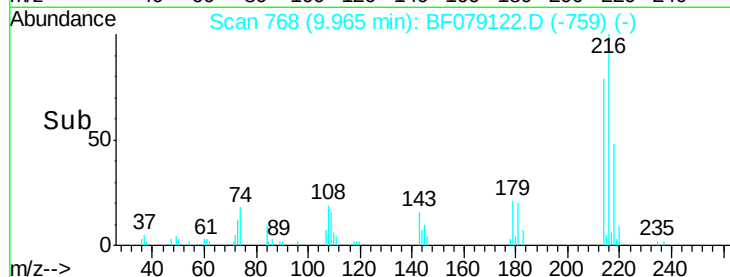
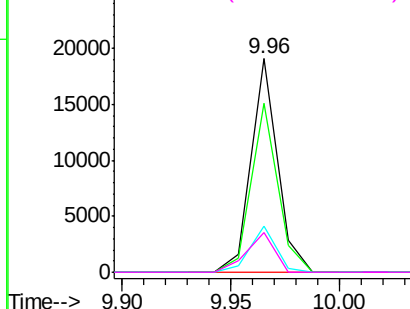
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	0.0	0.0#
179	21.4	0.0	0.0#
108	19.6	0.0	0.0#

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



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: 5.08 ng

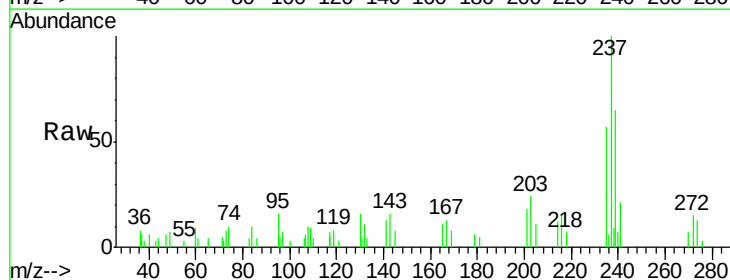
RT: 9.95 min Scan# 767

Delta R.T. -0.00 min

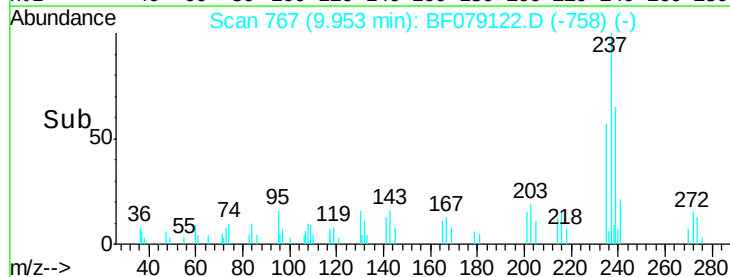
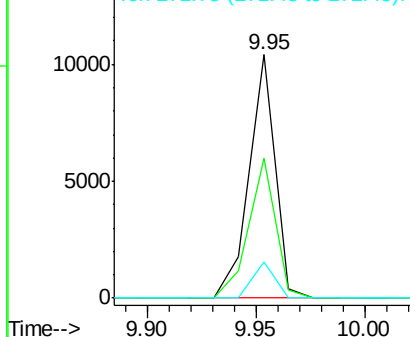
Lab File: BF079122.D

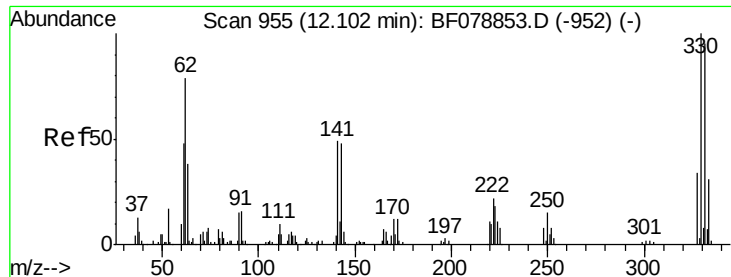
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	57.4	44.7	84.7
272	14.7	0.0	32.6



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





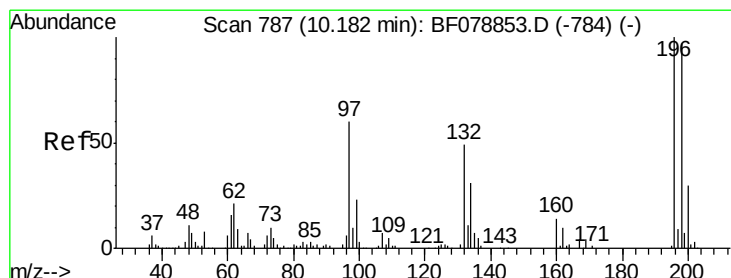
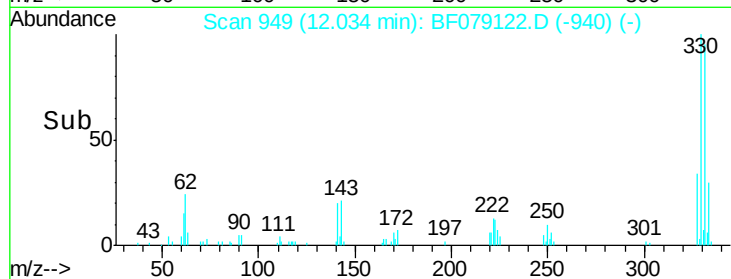
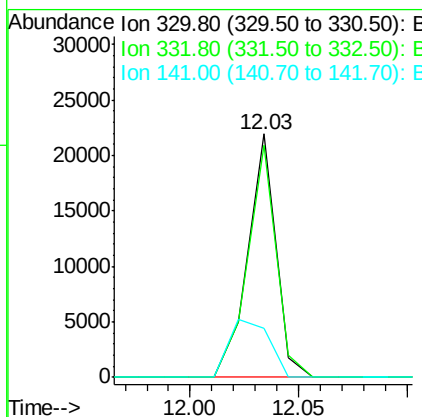
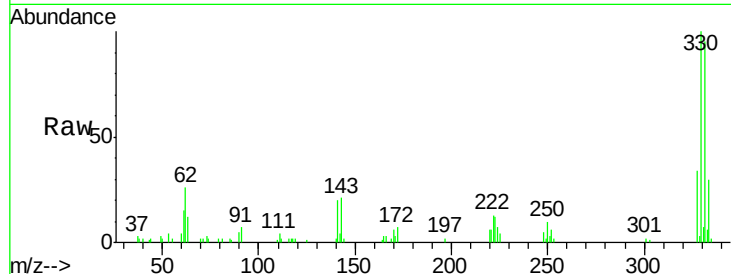
#41
 2,4,6-Tribromophenol
 Concen: 15.20 ng
 RT: 12.03 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.2	0.0	0.0#
141	33.8	0.0	0.0#

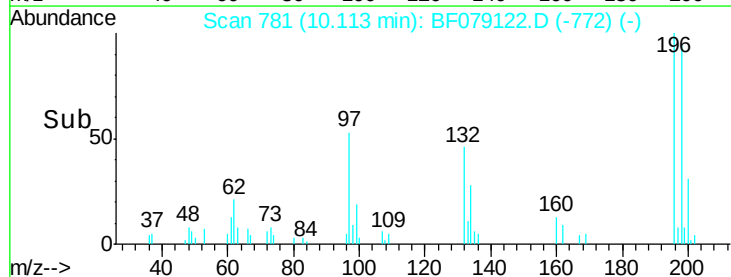
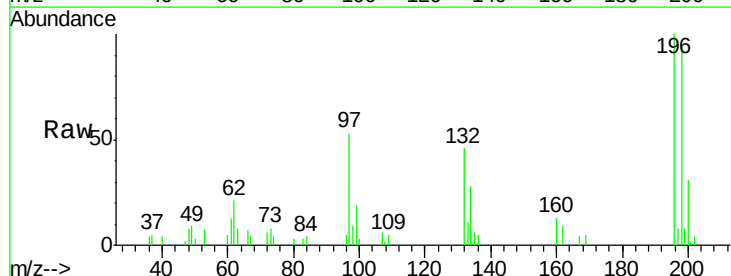
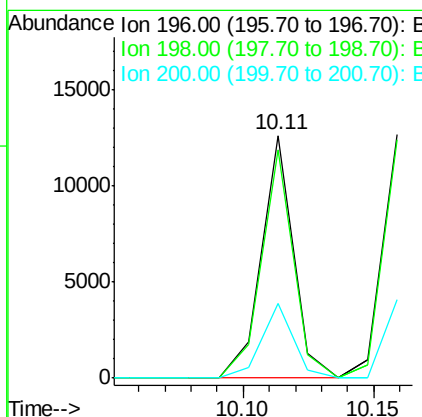
Manual Integrations
 APPROVED

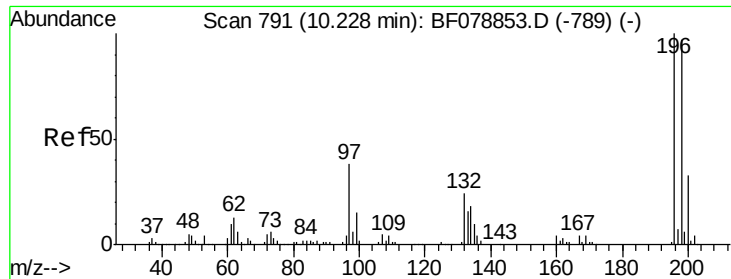
apatel
 5/12/2015 4:50:15 PM



#42
 2,4,6-Trichlorophenol
 Concen: 4.68 ng
 RT: 10.11 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.0	80.5	120.7
200	30.9	24.9	37.3





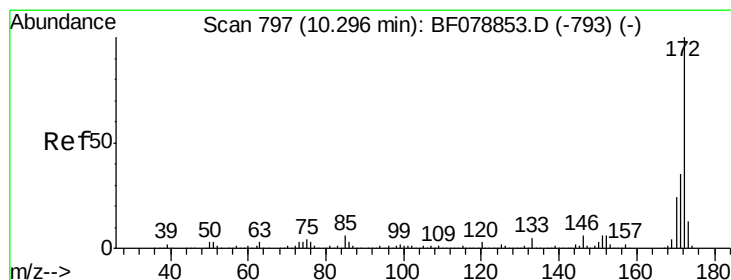
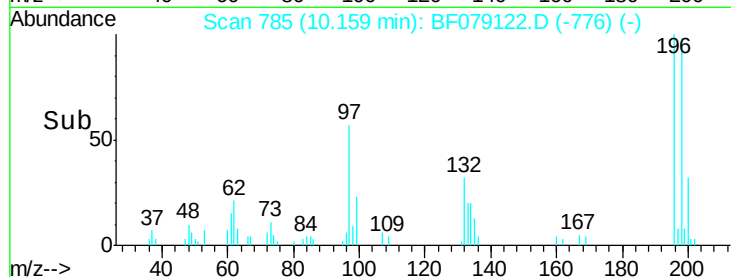
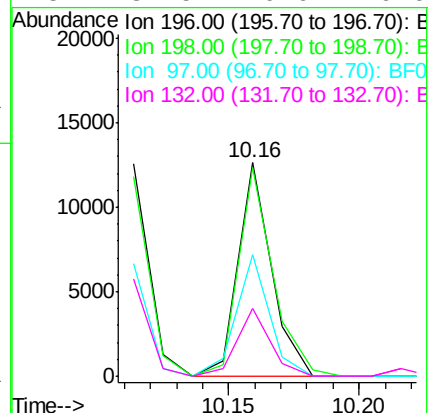
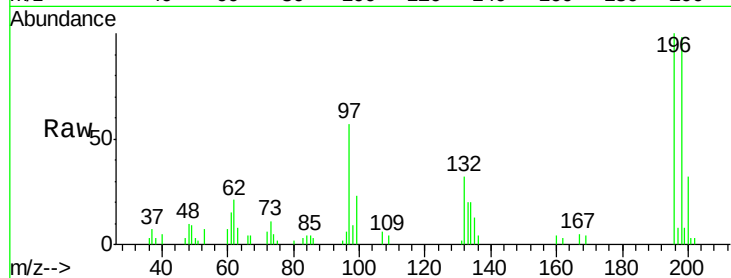
#43
 2,4,5-Trichlorophenol
 Concen: 4.83 ng
 RT: 10.16 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Tot Ion:	196	Resp:	11327
Ion Ratio	Lower	Upper	
196	100		
198	97.8	79.8	119.6
97	57.0	46.0	69.0
132	31.5	26.6	40.0

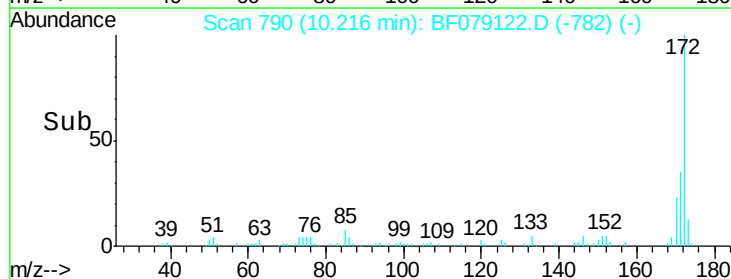
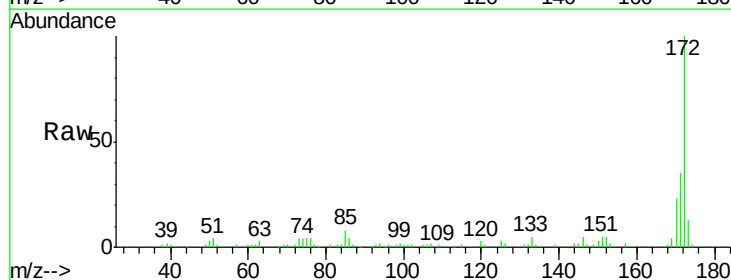
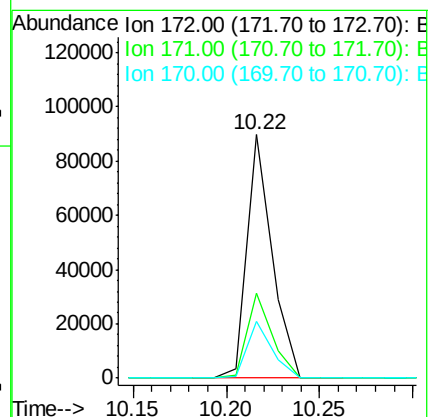
Manual Integrations
 APPROVED

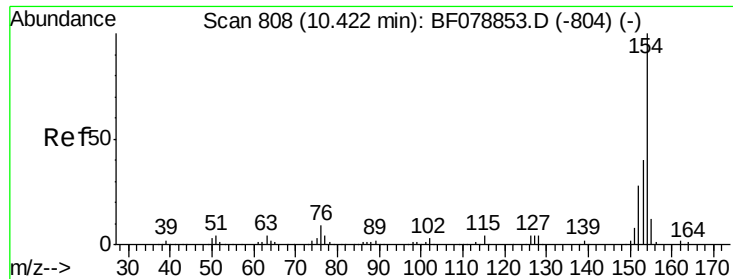
apatel
 5/12/2015 4:50:15 PM



#44
 2-Fluorobiphenyl
 Concen: 9.77 ng
 RT: 10.22 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion:	172	Resp:	83962
Ion Ratio	Lower	Upper	
172	100		
171	34.7	27.9	41.9
170	23.4	19.4	29.0





#45

1,1'-Biphenyl

Concen: 5.10 ng

RT: 10.34 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Instrument :

BNA_F

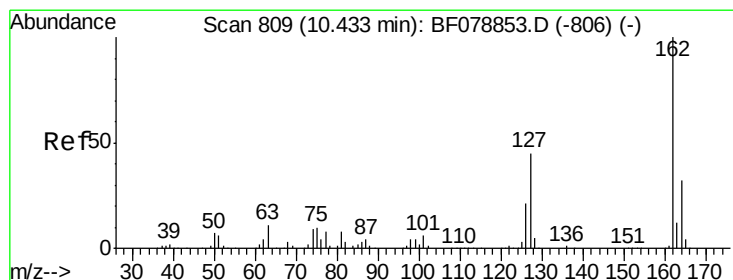
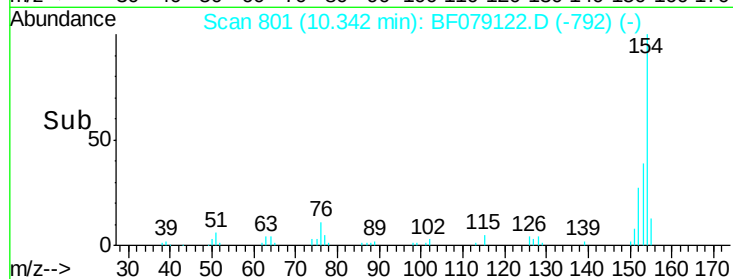
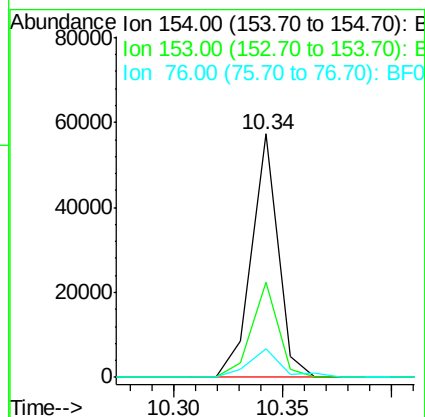
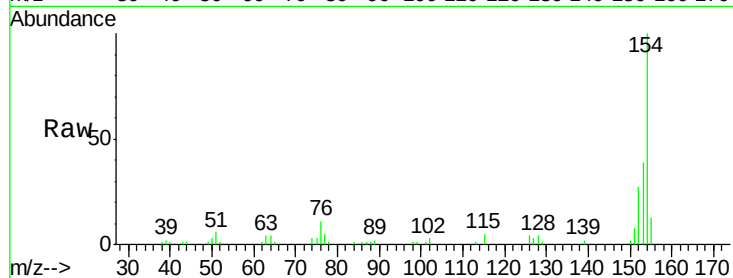
ClientSampleId :

PB83261BS

Tot Ion:	154	Resp:	48569
Ion Ratio	Lower	Upper	
154	100		
153	38.9	19.9	59.9
76	11.5	0.0	35.0

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



#46

2-Chloronaphthalene

Concen: 4.82 ng

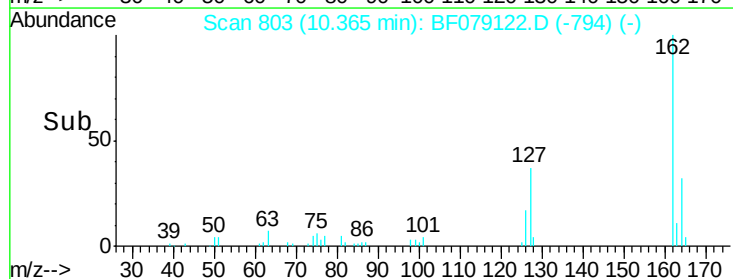
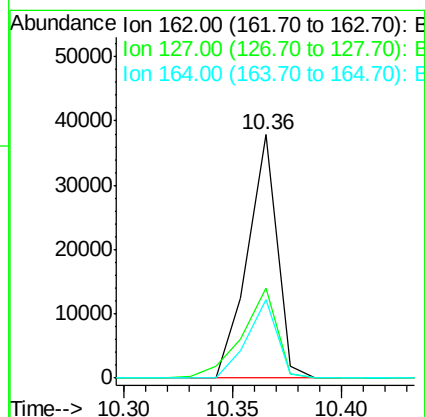
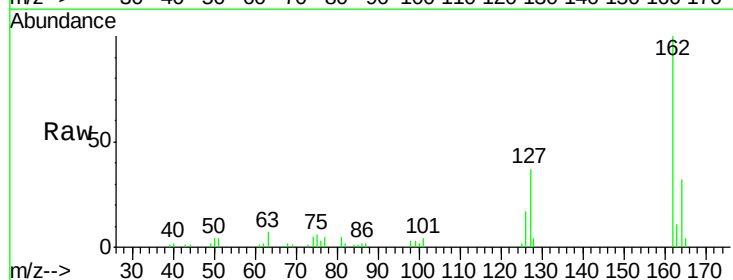
RT: 10.36 min Scan# 803

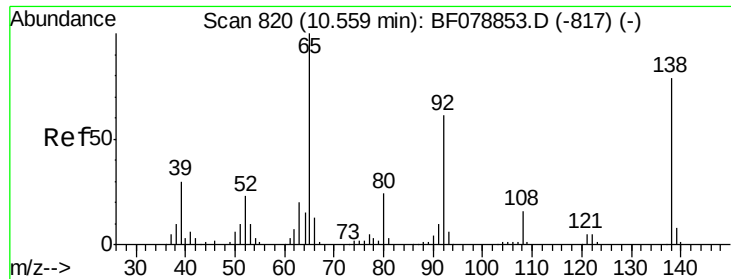
Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Tgt Ion:	162	Resp:	35786
Ion Ratio	Lower	Upper	
162	100		
127	37.2	33.9	50.9
164	32.0	26.3	39.5





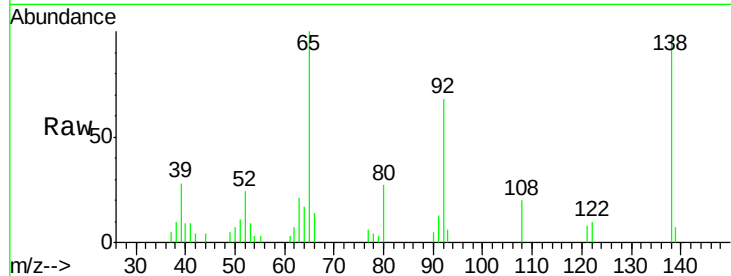
#47
2-Nitroaniline
Concen: 4.20 ng
RT: 10.49 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampled :
PB83261BS

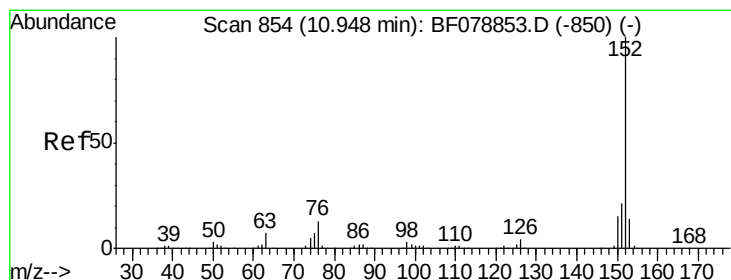
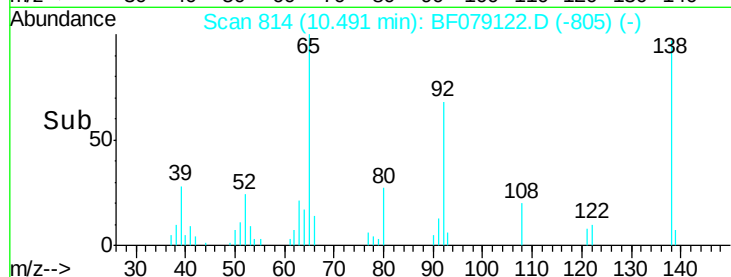
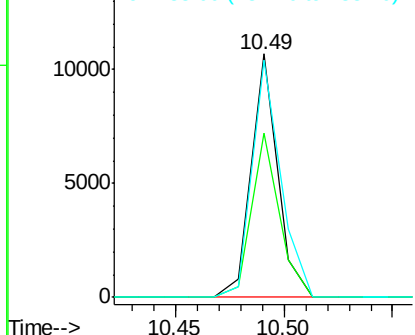
Tot Ion	Ratio	Lower	Upper
65	100		
92	67.6	54.0	81.0
138	97.2	75.0	112.6

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM

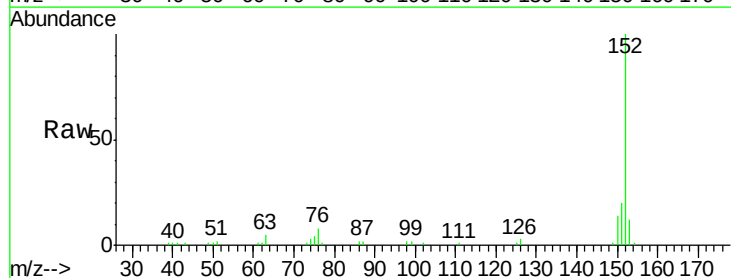


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

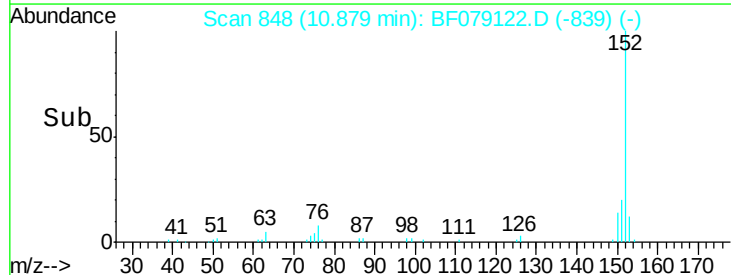
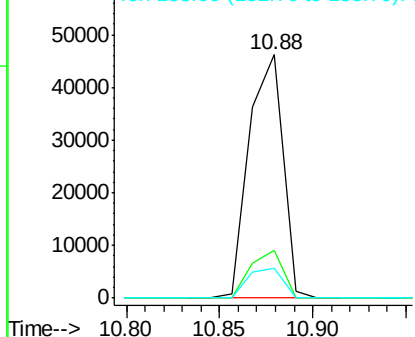


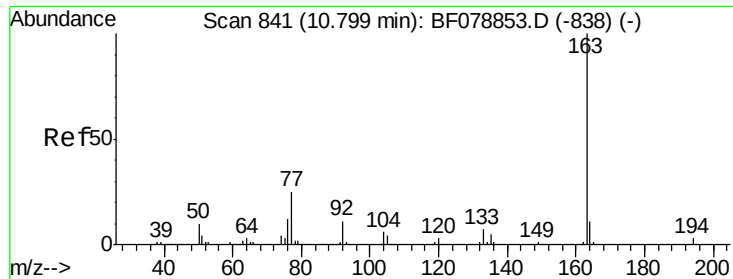
#48
Acenaphthylene
Concen: 4.75 ng
RT: 10.88 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	12.2	10.9	16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





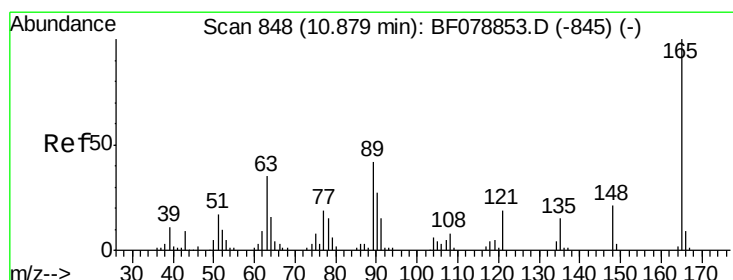
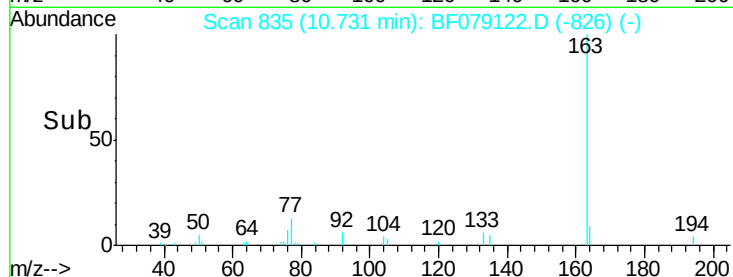
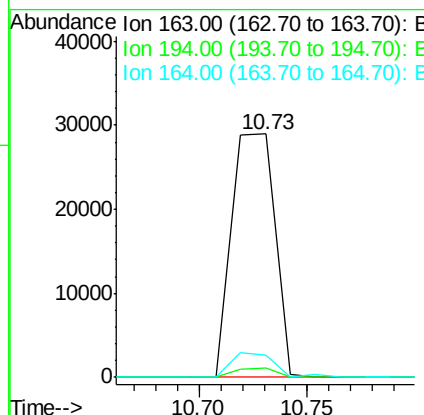
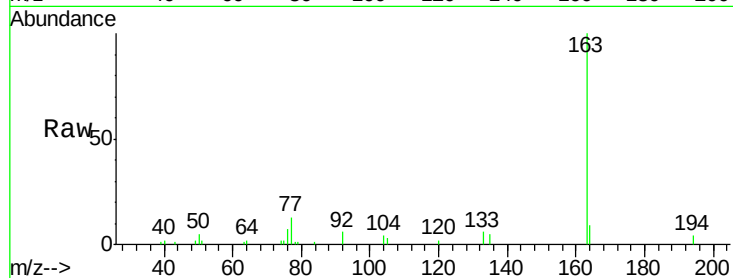
#49
Dimethylphthalate
Concen: 4.54 ng
RT: 10.73 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	39881		
194	3.8	2.6	4.0	
164	9.1	8.1	12.1	

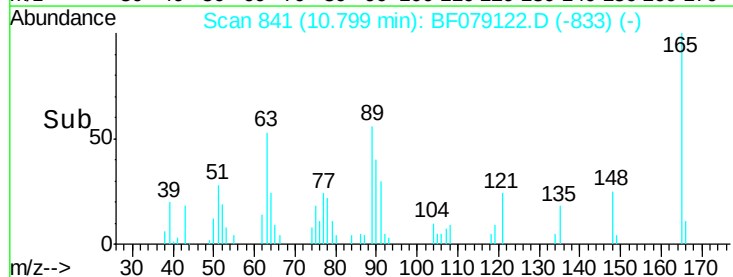
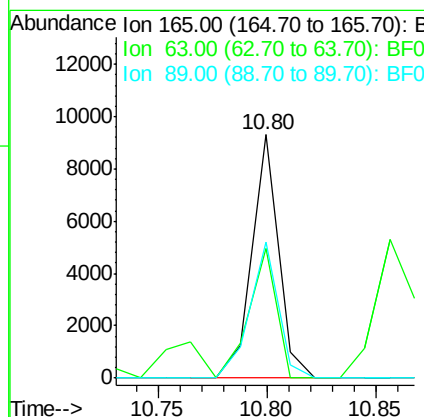
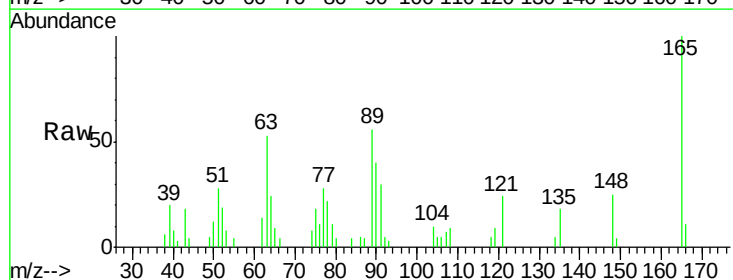
Manual Integrations
APPROVED

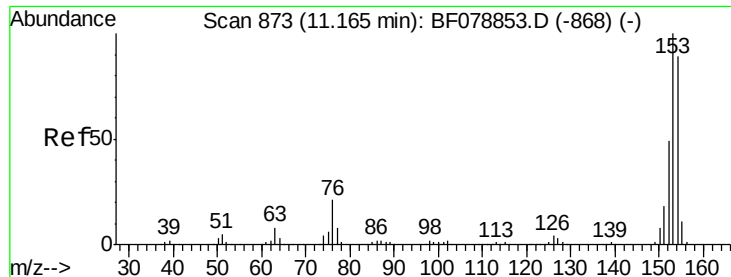
apatel
5/12/2015 4:50:15 PM



#50
2,6-Dinitrotoluene
Concen: 4.57 ng
RT: 10.80 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	7916		
63	53.2	54.4	81.6#	
89	55.9	55.7	83.5	





#51

Acenaphthene

Concen: 4.59 ng

RT: 11.08 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Instrument :

BNA_F

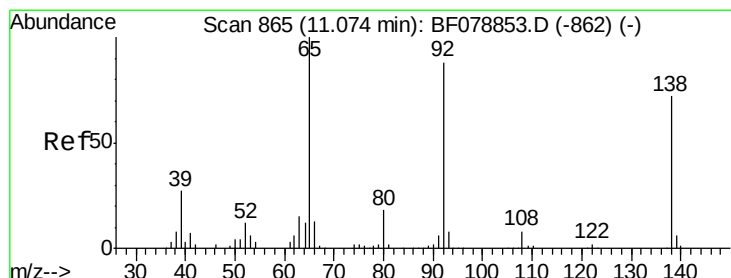
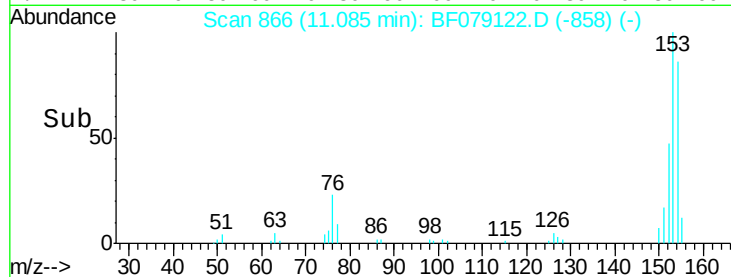
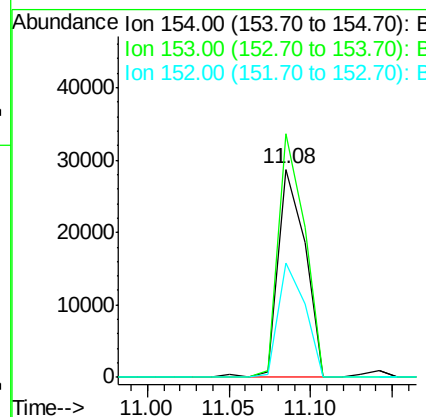
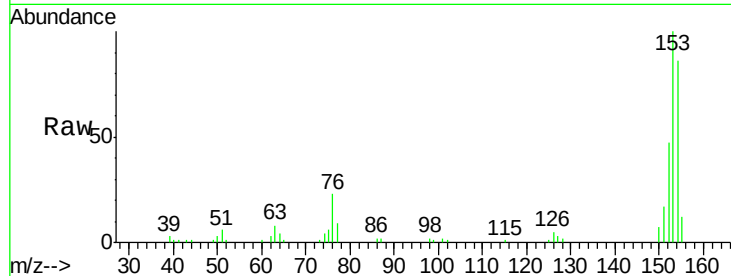
ClientSampleId :

PB83261BS

Tot Ion:	154	Resp:	33381
Ion Ratio	Lower	Upper	
154	100		
153	116.9	91.5	137.3
152	55.2	44.2	66.4

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



#52

3-Nitroaniline

Concen: 3.66 ng

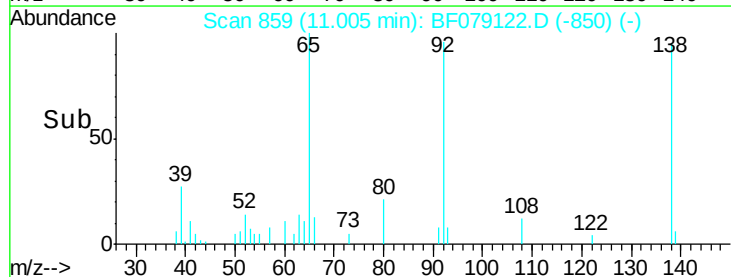
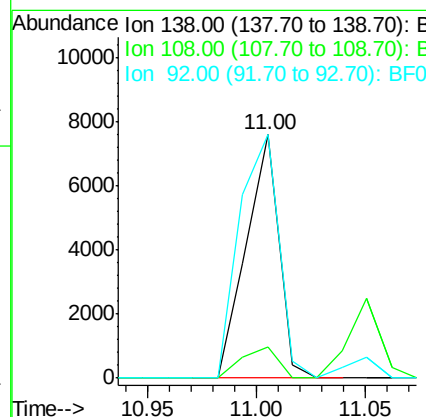
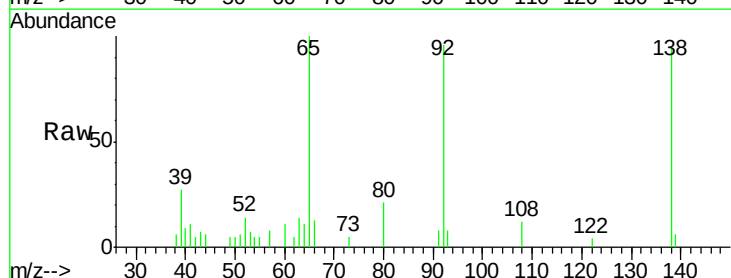
RT: 11.00 min Scan# 859

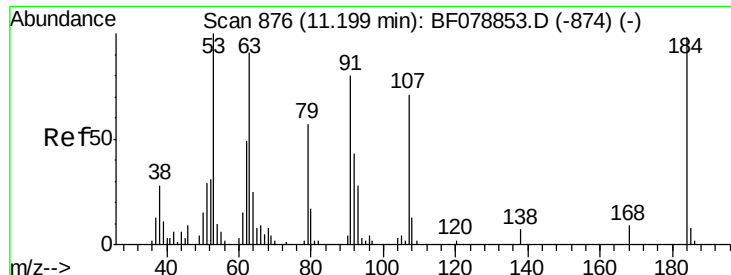
Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Tgt Ion:	138	Resp:	7932
Ion Ratio	Lower	Upper	
138	100		
108	12.9	10.6	16.0
92	100.1	81.8	122.6





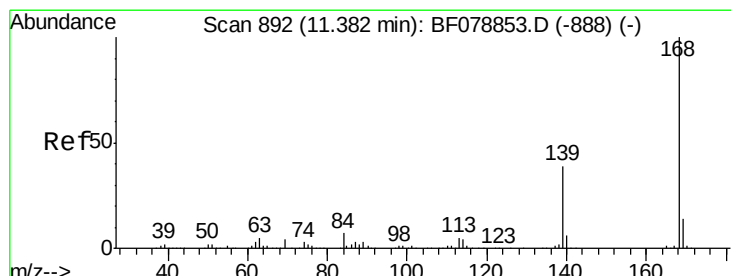
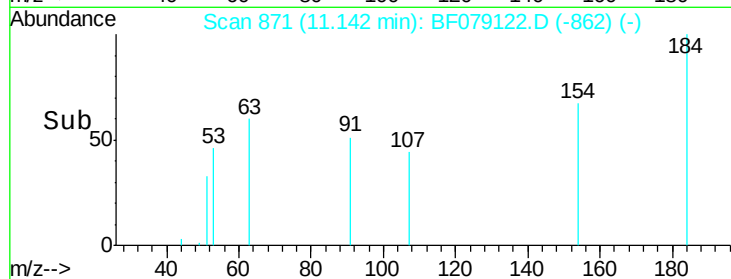
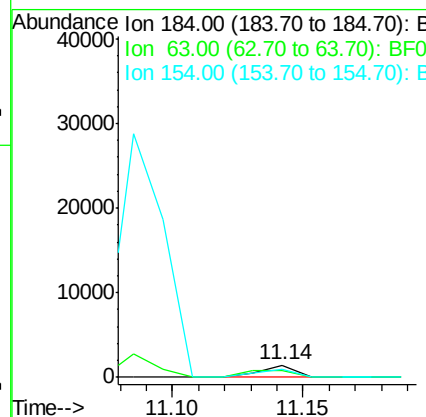
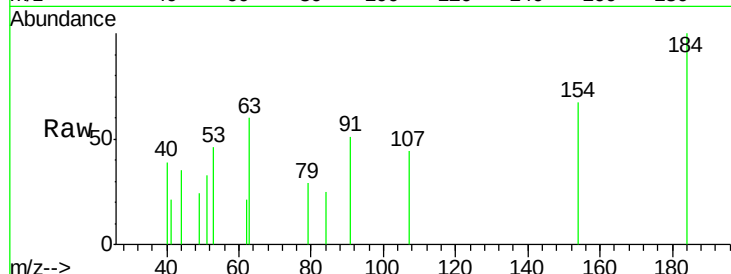
#53
2,4-Dinitrophenol
Concen: 4.50 ng
RT: 11.14 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.7	63.3	94.9#
154	67.4	53.8	80.6

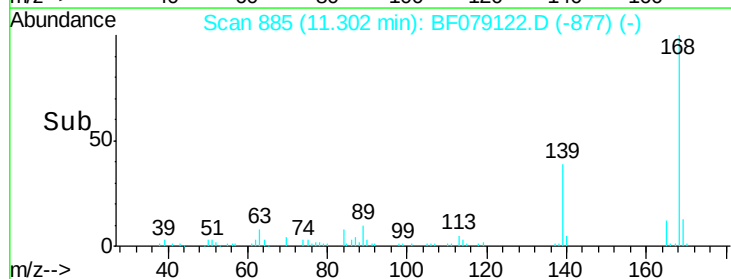
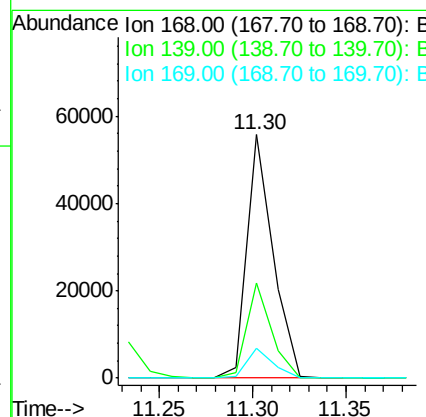
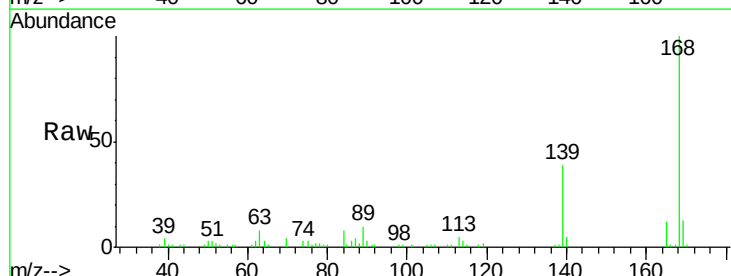
Manual Integrations
APPROVED

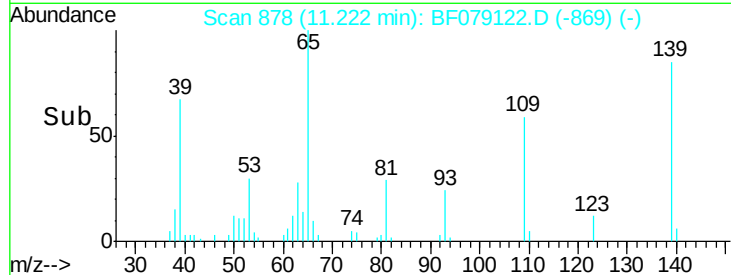
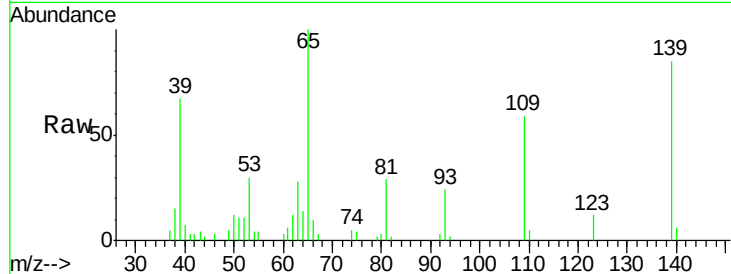
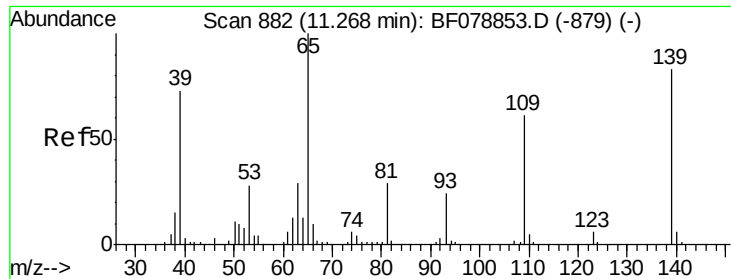
apatel
5/12/2015 4:50:15 PM



#54
Dibenzofuran
Concen: 5.17 ng
RT: 11.30 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.0	46.4
169	12.5	10.6	16.0





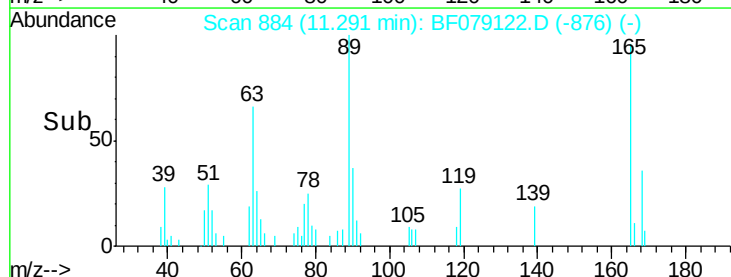
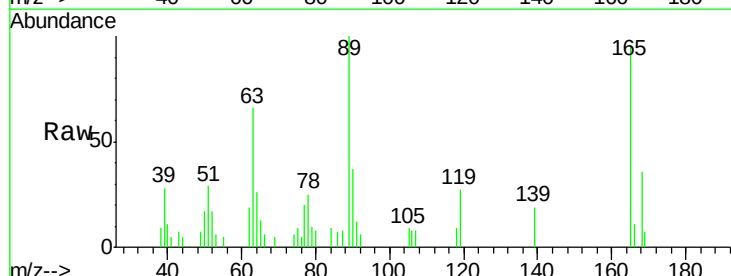
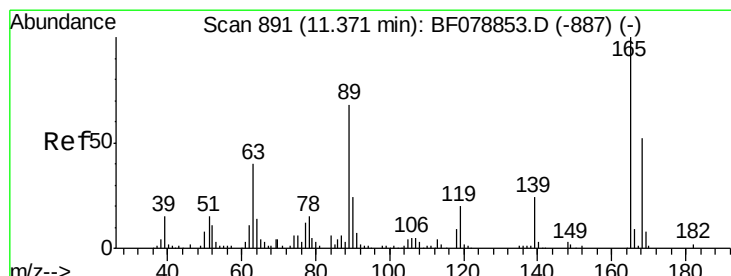
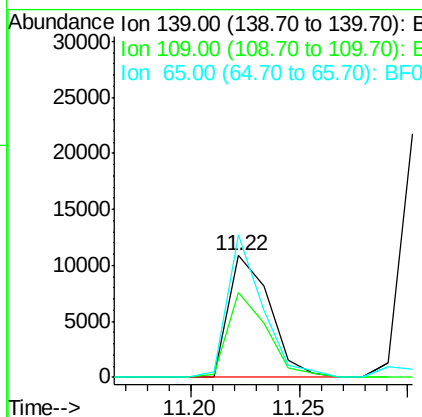
#55
4-Nitrophenol
Concen: 8.42 ng
RT: 11.22 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	69.4	47.6	87.6	
65	117.7	54.3	94.3	

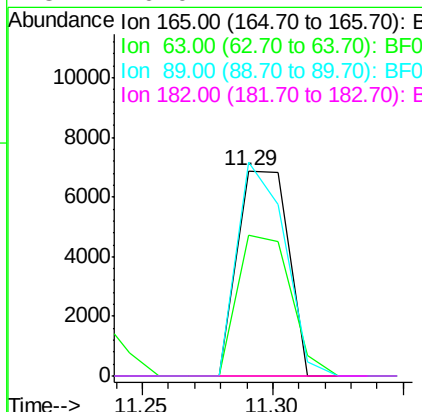
Manual Integrations
APPROVED

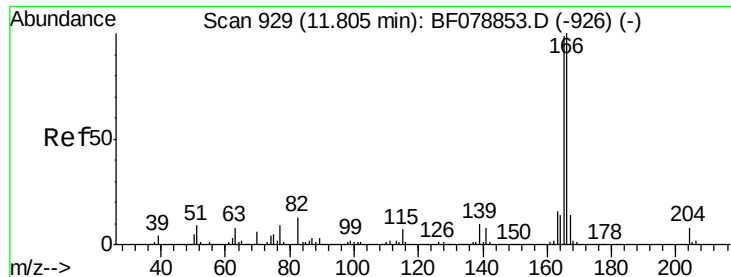
apatel
5/12/2015 4:50:15 PM



#56
2,4-Dinitrotoluene
Concen: 4.10 ng
RT: 11.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	68.8	51.2	76.8	
89	104.2	82.7	124.1	
182	0.0	1.4	2.2	





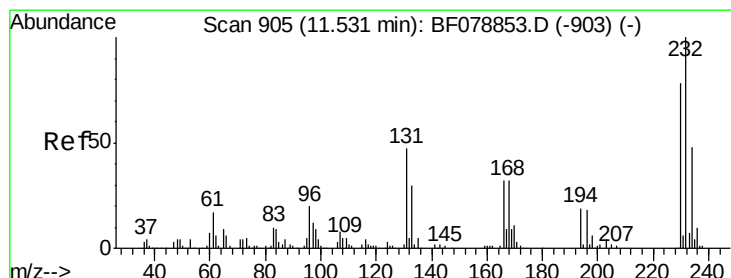
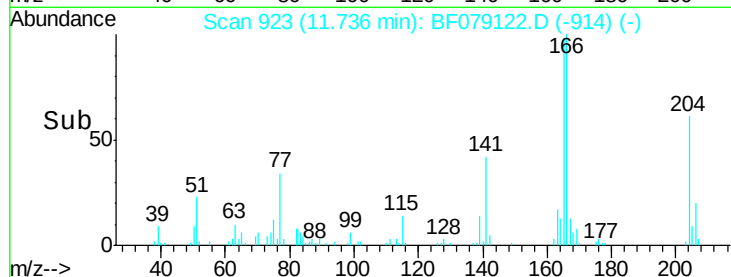
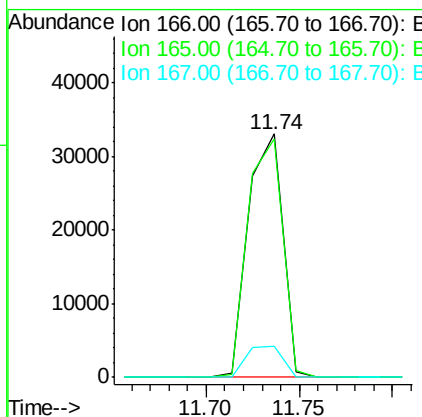
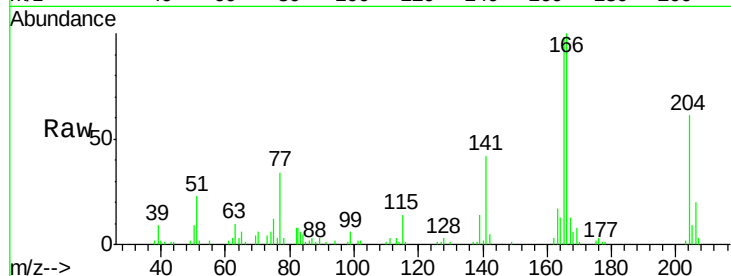
#57
 Fluorene
 Concen: 4.90 ng
 RT: 11.74 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.5	117.7
167	12.8	11.0	16.6

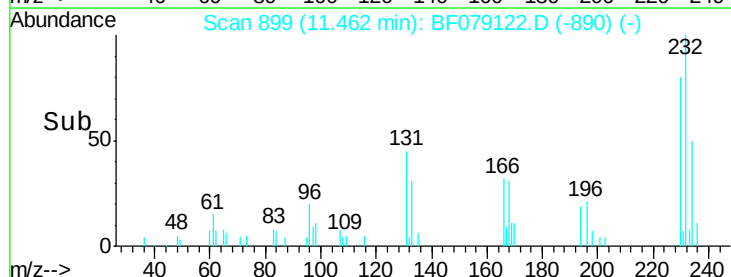
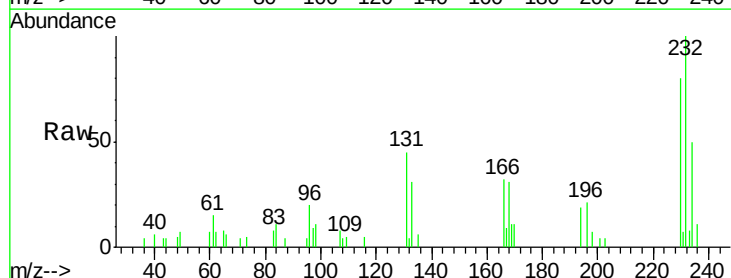
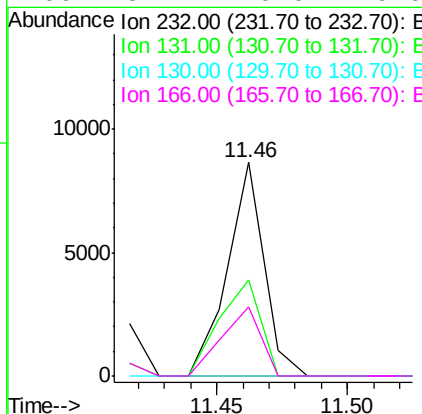
Manual Integrations
 APPROVED

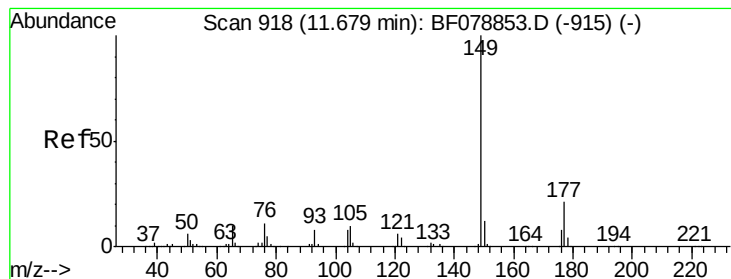
apatel
 5/12/2015 4:50:15 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.42 ng
 RT: 11.46 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.6	0.0	0.0#
130	0.0	0.0	0.0
166	34.2	0.0	0.0#





#59

Diethylphthalate

Concen: 4.69 ng

RT: 11.60 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Instrument :

BNA_F

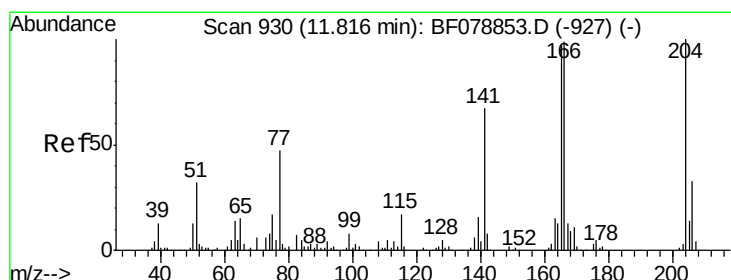
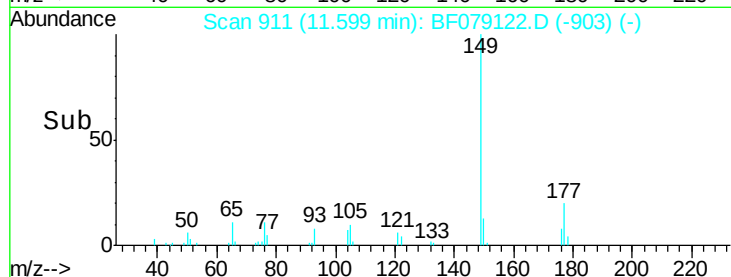
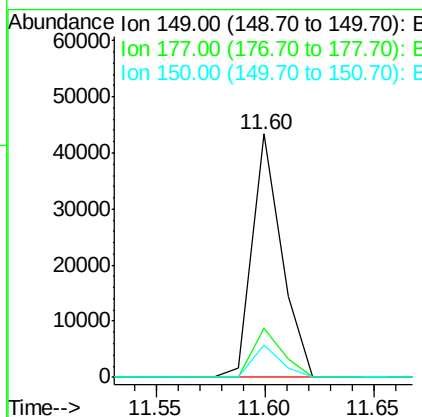
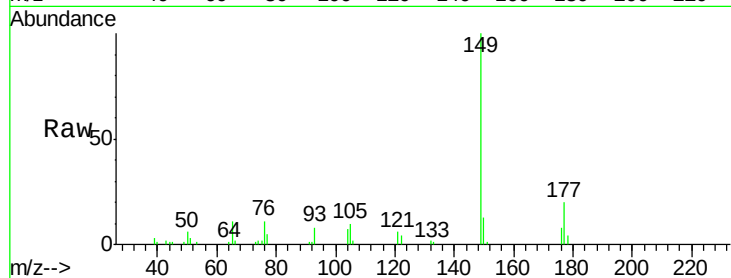
ClientSampleId :

PB83261BS

Tot Ion:	149	Resp:	40826
Ion Ratio	Lower	Upper	
149	100		
177	20.0	17.5	26.3
150	13.3	9.6	14.4

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



#60

4-Chlorophenyl-phenylether

Concen: 4.95 ng

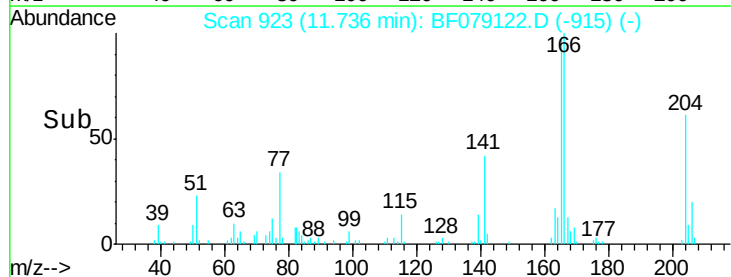
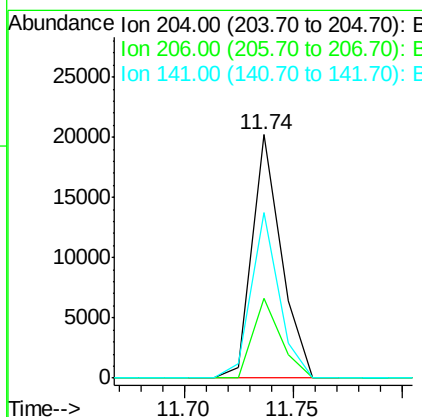
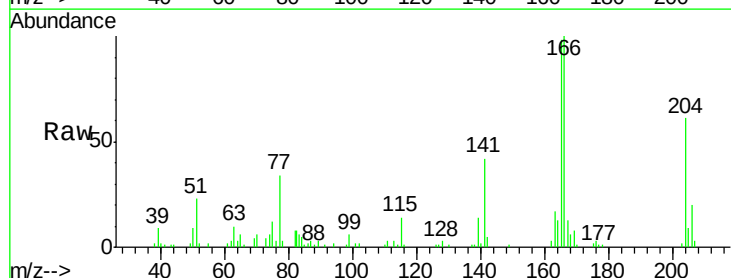
RT: 11.74 min Scan# 923

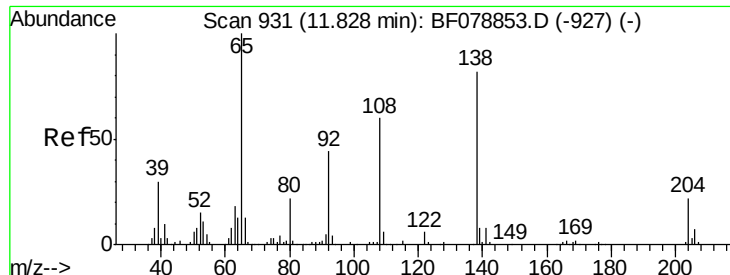
Delta R.T. -0.01 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Tgt Ion:	204	Resp:	18907
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.9	40.3
141	67.9	48.3	72.5





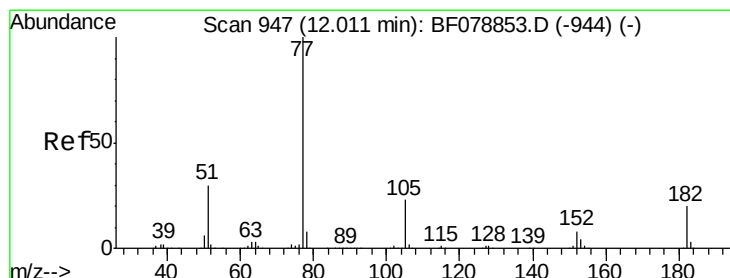
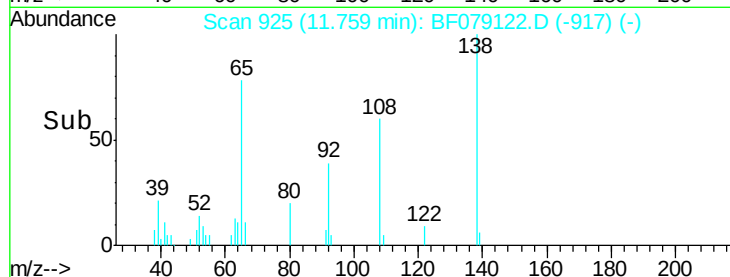
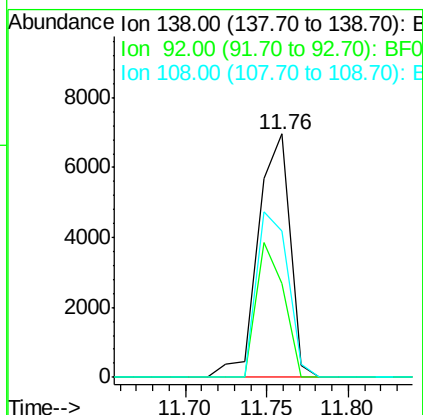
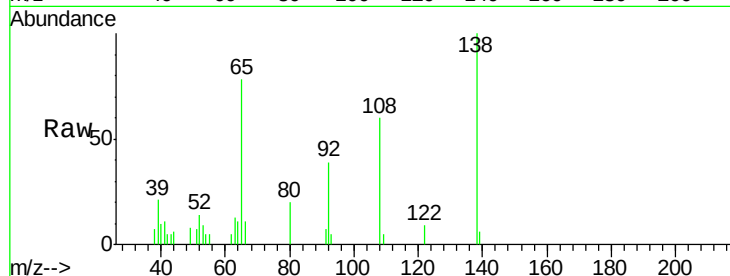
#61
4-Nitroaniline
Concen: 4.38 ng
RT: 11.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	38.6	28.0	68.0
108	60.2	56.3	96.3

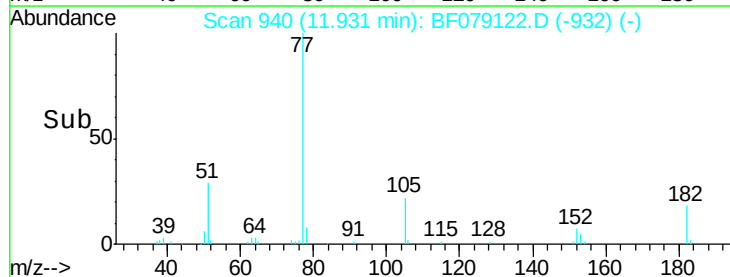
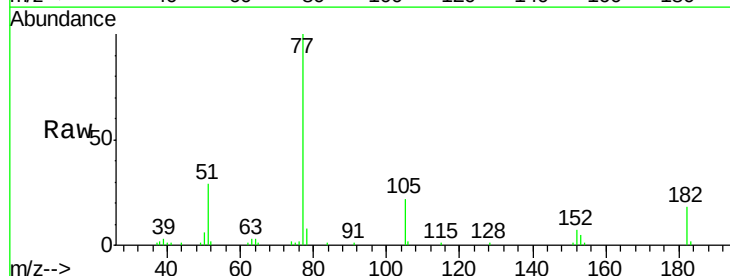
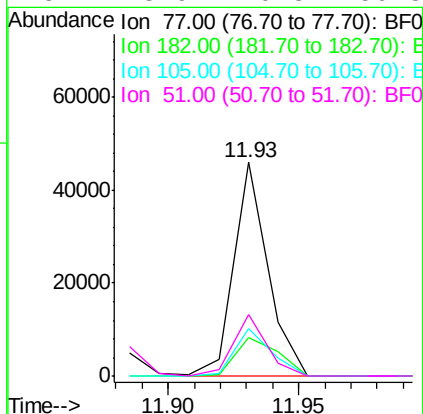
Manual Integrations
APPROVED

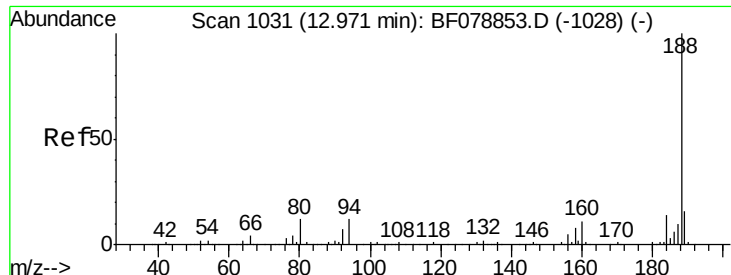
apatel
5/12/2015 4:50:15 PM



#62
Azobenzene
Concen: 4.89 ng
RT: 11.93 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.2	3.8	43.8
105	22.3	3.9	43.9
51	28.9	10.8	50.8





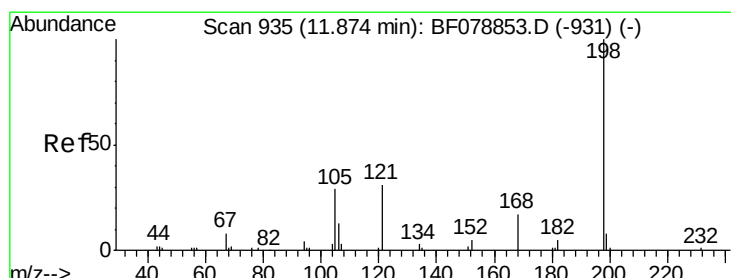
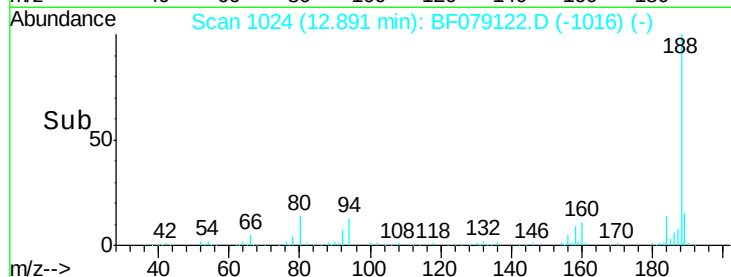
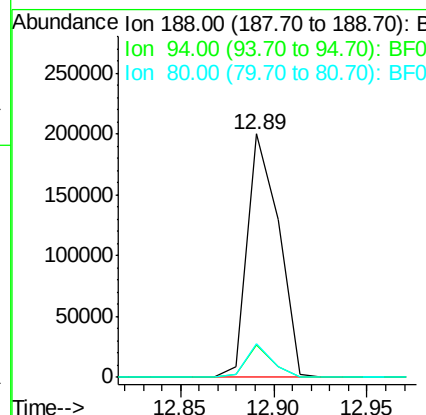
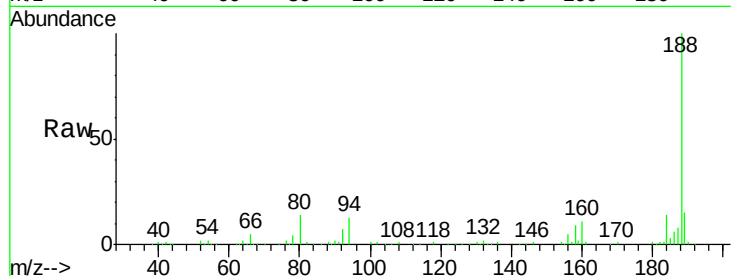
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.89 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampled :
 PB83261BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.1	8.2	12.2#
80	14.0	8.9	13.3#

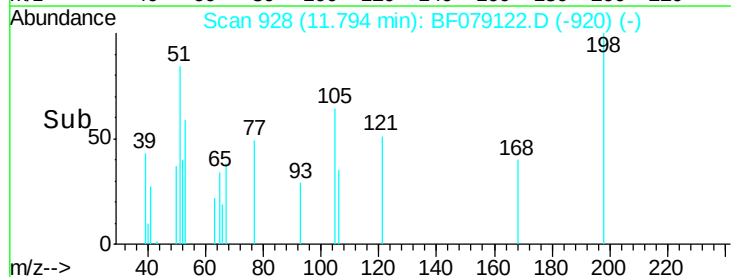
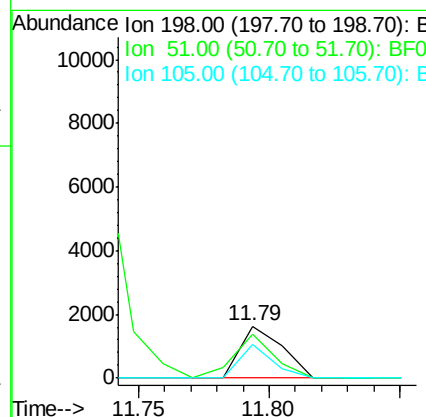
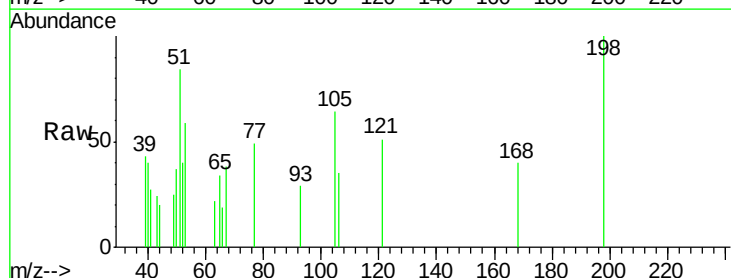
Manual Integrations
 APPROVED

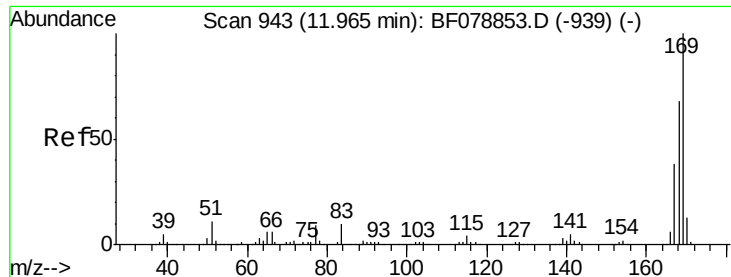
apatel
 5/12/2015 4:50:15 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.56 ng
 RT: 11.79 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	84.3	47.3	87.3
105	64.5	38.8	78.8





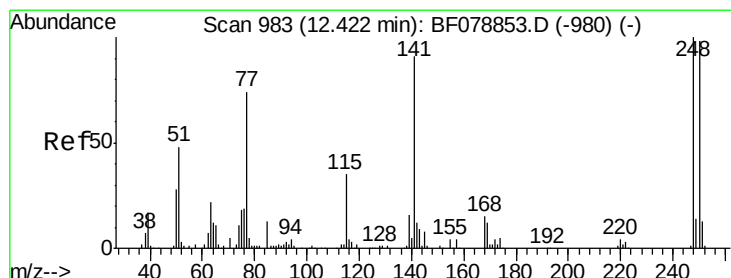
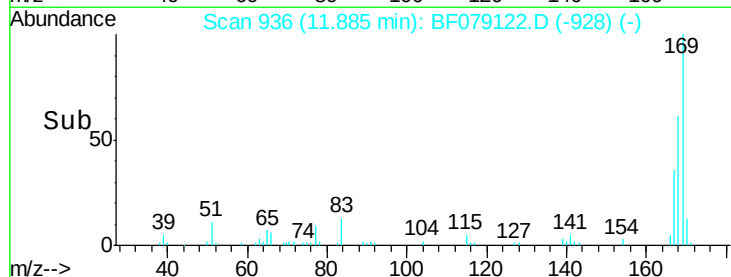
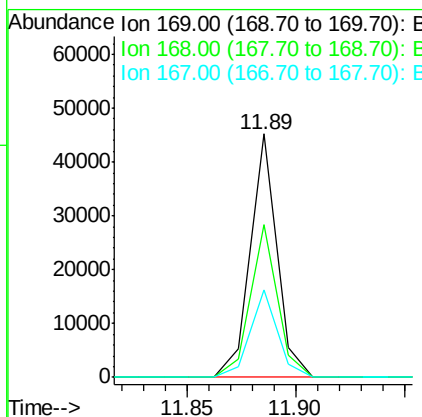
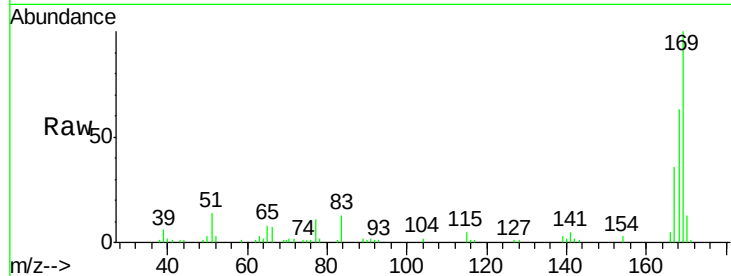
#65
 n-Nitrosodiphenylamine
 Concen: 4.92 ng
 RT: 11.89 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	62.6	54.6	82.0
167	35.9	30.6	45.8

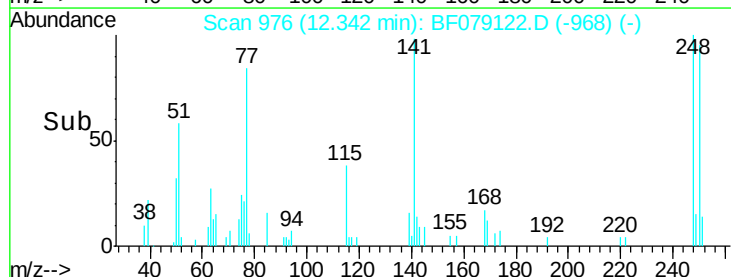
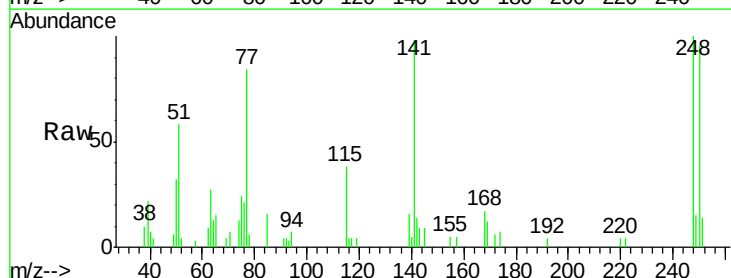
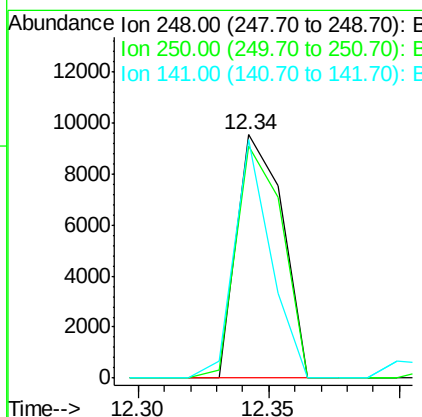
Manual Integrations
 APPROVED

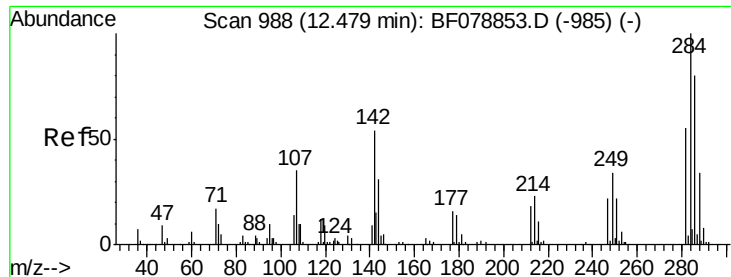
apatel
 5/12/2015 4:50:15 PM



#66
 4-Bromophenyl-phenylether
 Concen: 4.80 ng
 RT: 12.34 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.1	115.7
141	97.8	58.8	88.2





#67

Hexachlorobenzene

Concen: 4.85 ng

RT: 12.41 min Scan# 982

Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Instrument :

BNA_F

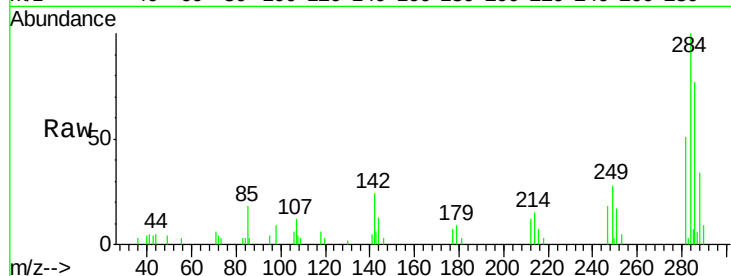
ClientSampleId :

PB83261BS

Tot Ion:	284	Resp:	13521
Ion Ratio	Lower	Upper	
284	100		
142	24.2	35.2	52.8#
249	28.0	25.4	38.2

Manual Integrations
APPROVED

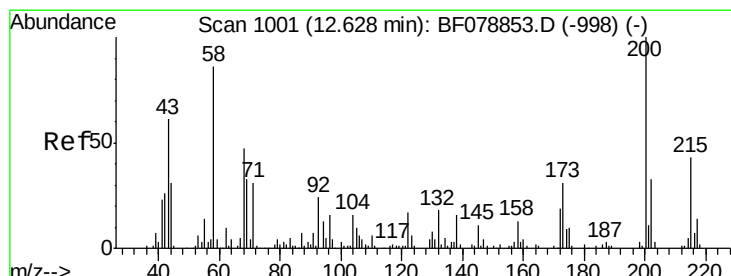
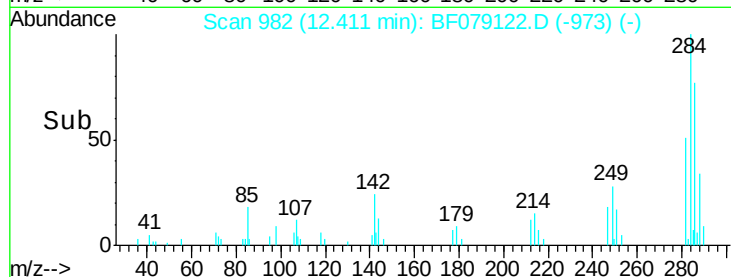
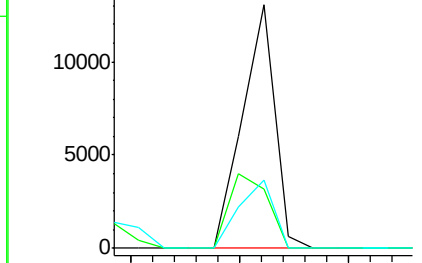
apatel
5/12/2015 4:50:15 PM



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: 4.86 ng

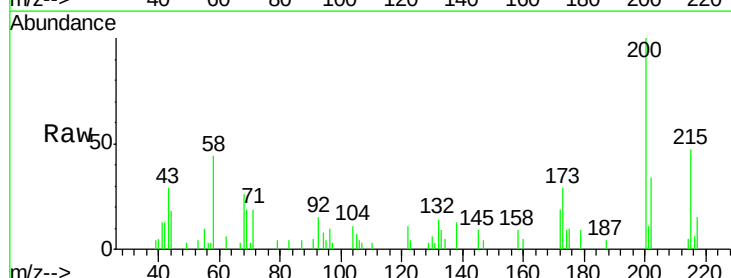
RT: 12.56 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

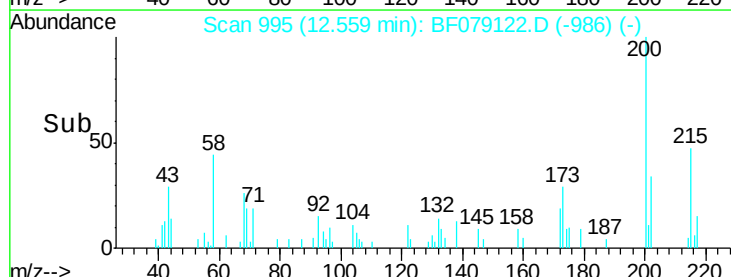
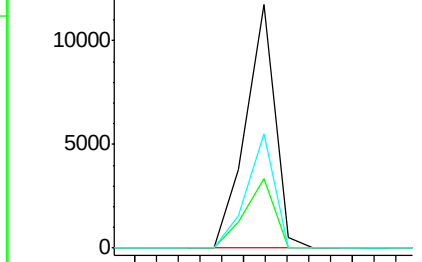
Tgt Ion:	200	Resp:	11019
Ion Ratio	Lower	Upper	
200	100		
173	28.7	8.1	48.1
215	46.8	22.9	62.9

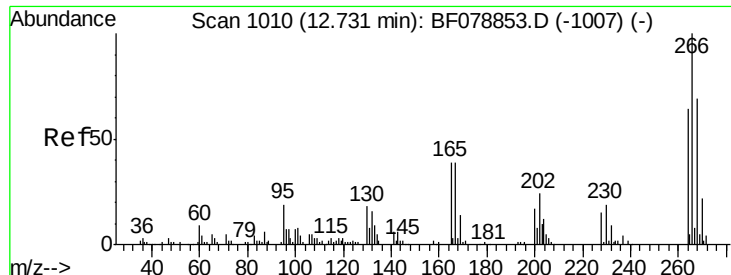


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





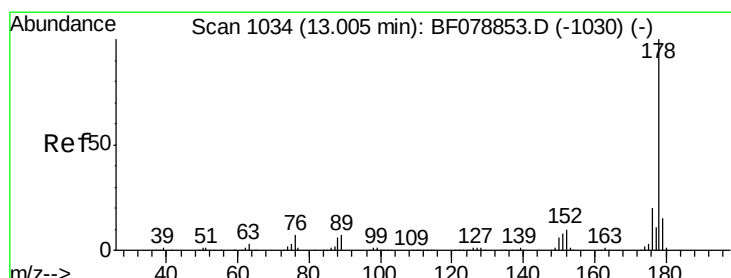
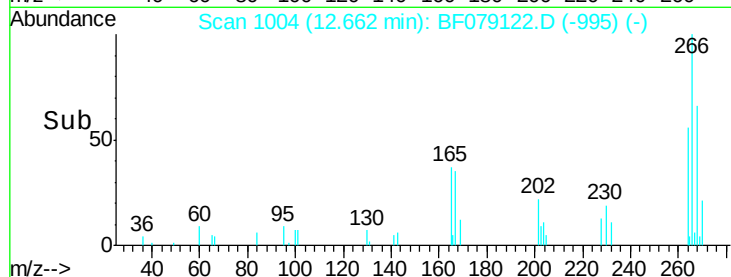
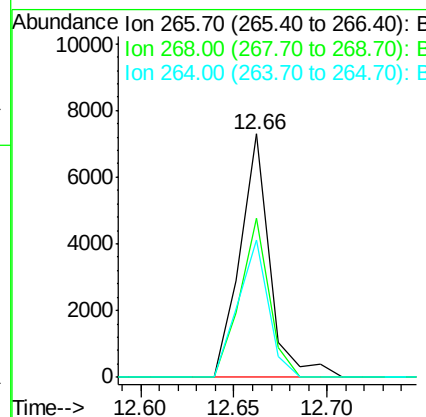
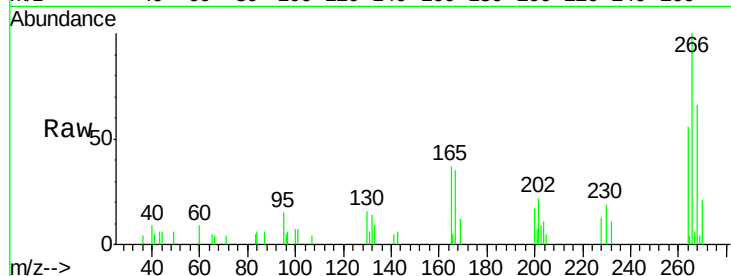
#69
 Pentachlorophenol
 Concen: 11.44 ng
 RT: 12.66 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Tot Ion:	266	Resp:	8195
Ion Ratio	Lower	Upper	
266	100		
268	65.6	55.0	82.6
264	56.3	48.2	72.2

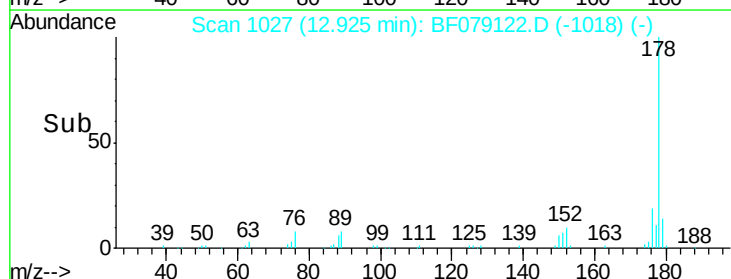
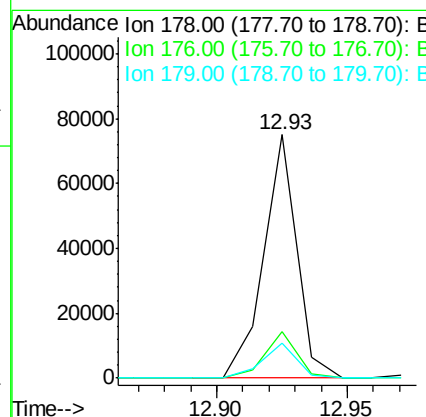
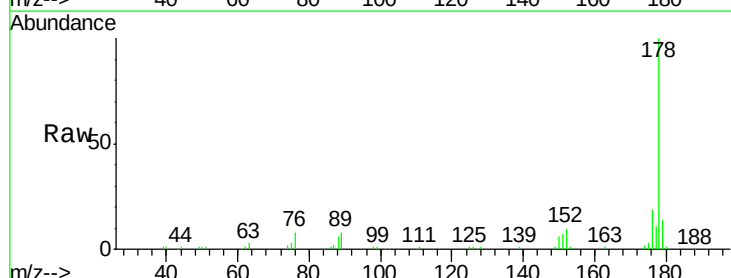
Manual Integrations
 APPROVED

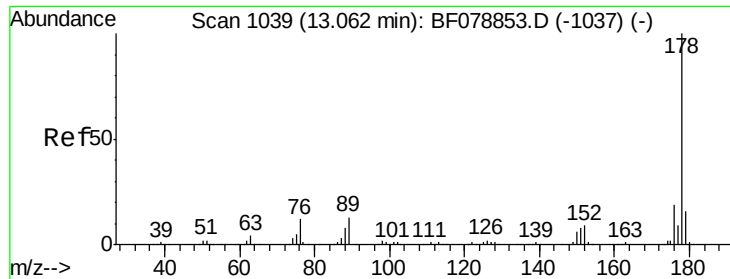
apatel
 5/12/2015 4:50:15 PM



#70
 Phenanthrene
 Concen: 5.10 ng
 RT: 12.93 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion:	178	Resp:	66744
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.8	23.8
179	14.4	12.5	18.7





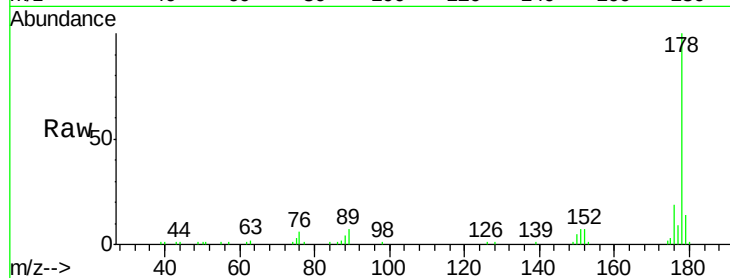
#71
 Anthracene
 Concen: 4.91 ng
 RT: 12.99 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

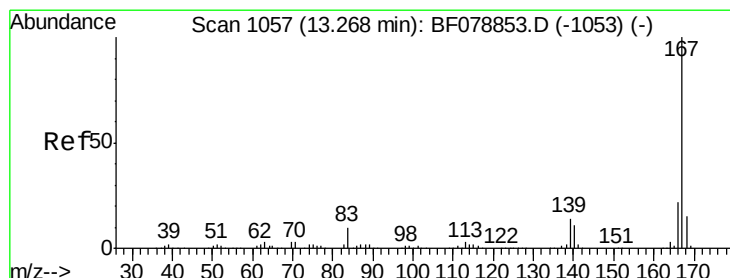
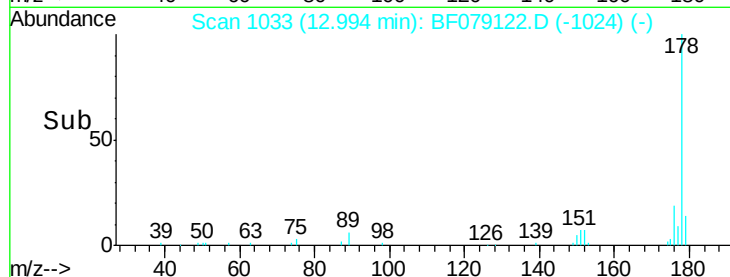
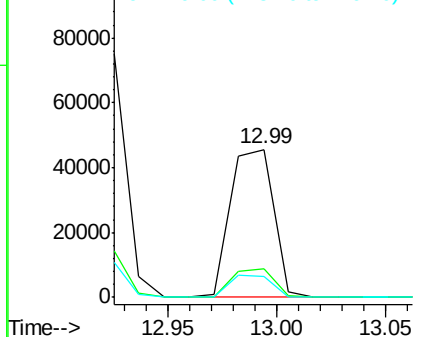
Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		63018		
176	19.0	15.5	23.3		
179	14.5	12.7	19.1		

Manual Integrations
 APPROVED

apatel
 5/12/2015 4:50:15 PM

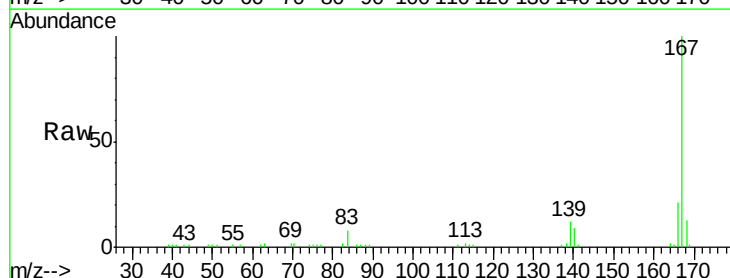


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

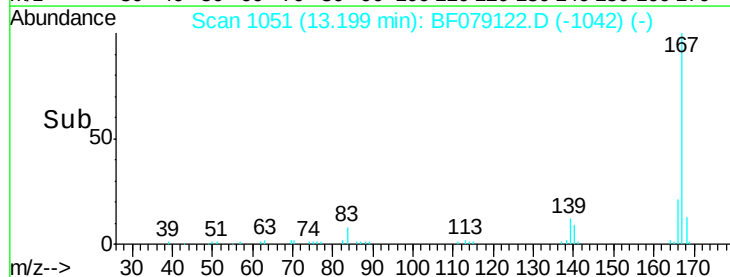
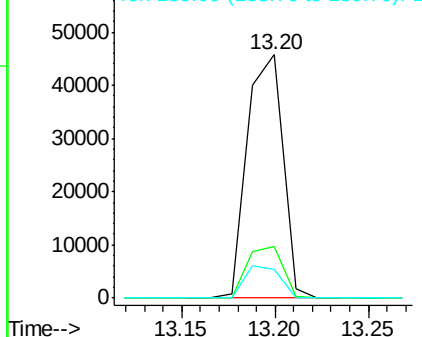


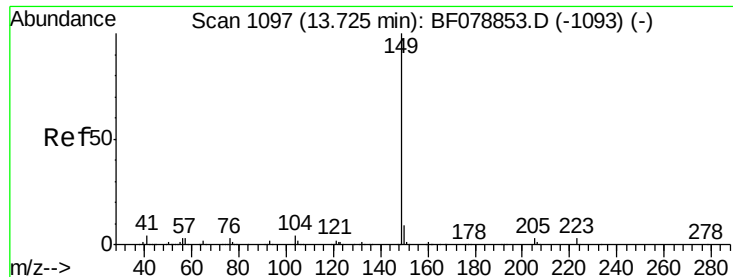
#72
 Carbazole
 Concen: 4.96 ng
 RT: 13.20 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		60680		
166	21.4	17.8	26.8		
139	11.8	10.6	16.0		



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 4.89 ng

RT: 13.65 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Instrument :

BNA_F

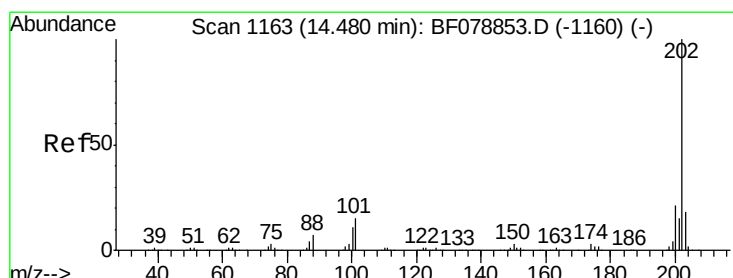
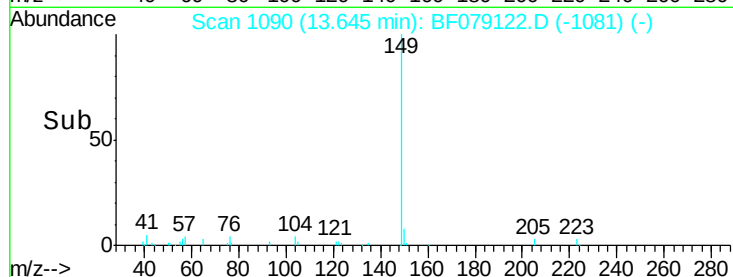
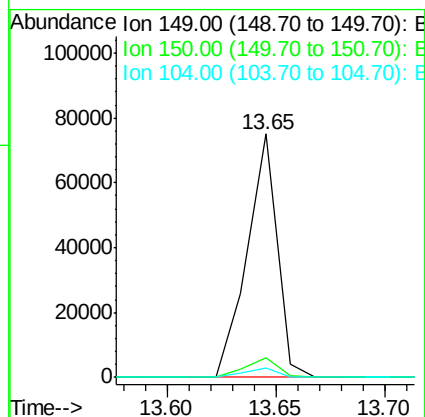
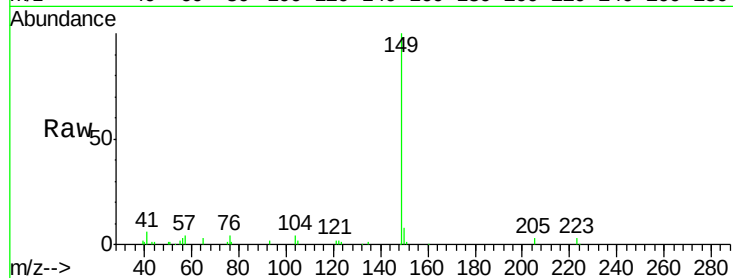
ClientSampleId :

PB83261BS

Tot Ion:	149	Resp:	71811
Ion Ratio	Lower	Upper	
149	100		
150	8.0	7.7	11.5
104	3.9	4.6	7.0

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



#74

Fluoranthene

Concen: 5.16 ng

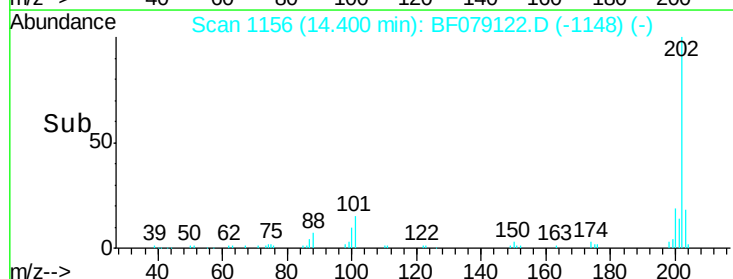
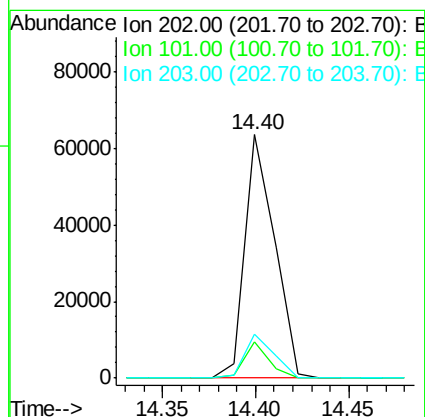
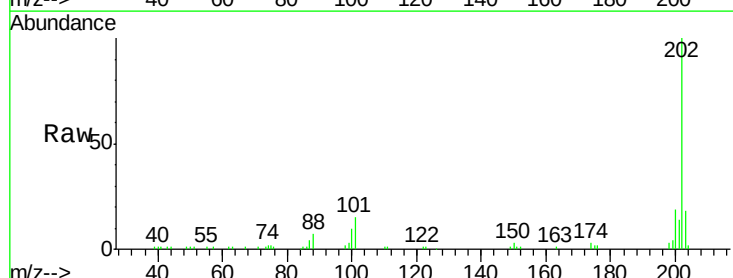
RT: 14.40 min Scan# 1156

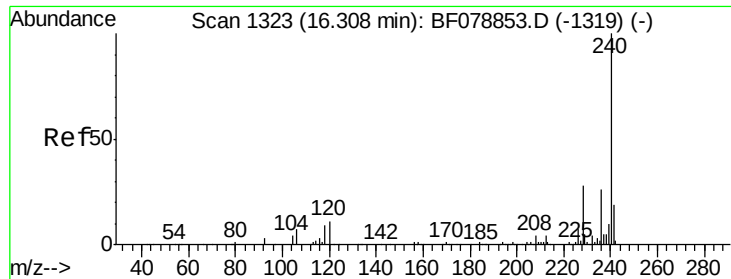
Delta R.T. -0.01 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Tgt Ion:	202	Resp:	70389
Ion Ratio	Lower	Upper	
202	100		
101	15.0	0.0	34.6
203	17.9	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.18 min Scan# 1312

Delta R.T. -0.05 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Instrument :

BNA_F

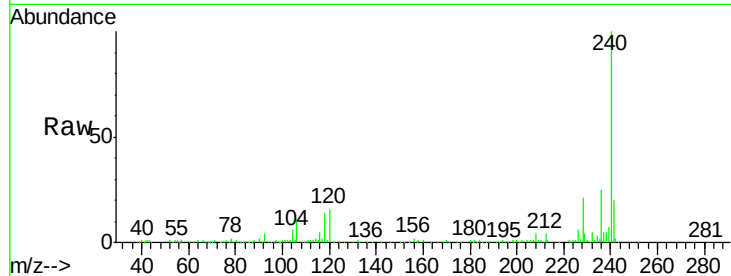
ClientSampleId :

PB83261BS

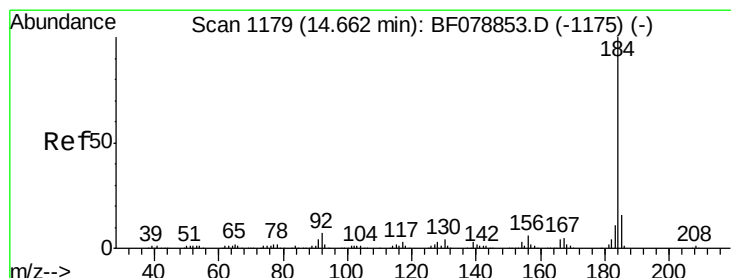
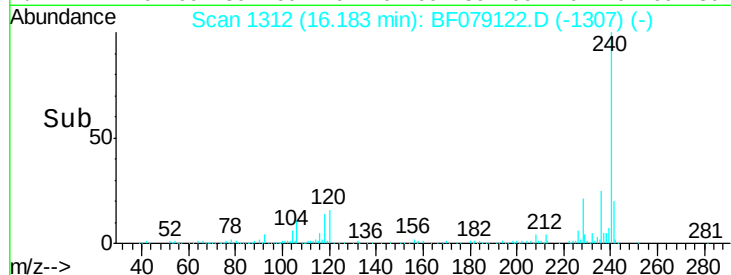
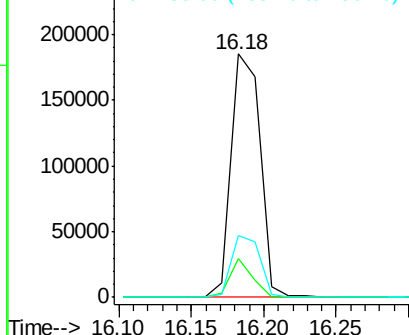
Tot Ion:	240	Resp:	257655
Ion Ratio	Lower	Upper	
240	100		
120	15.9	9.7	14.5#
236	25.3	20.2	30.4

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.34 ng m

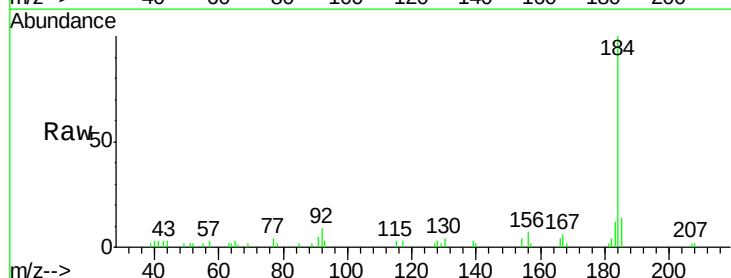
RT: 14.58 min Scan# 1172

Delta R.T. -0.01 min

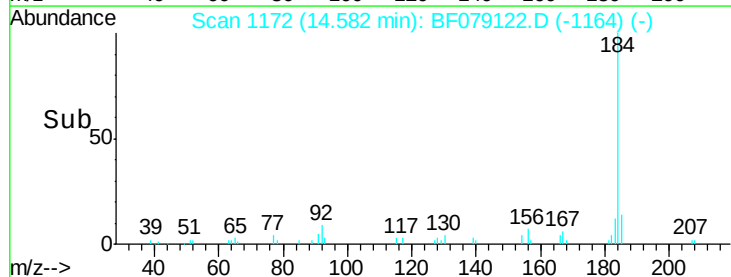
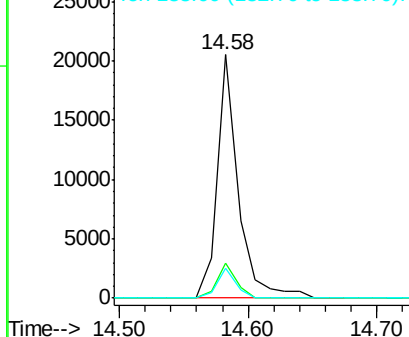
Lab File: BF079122.D

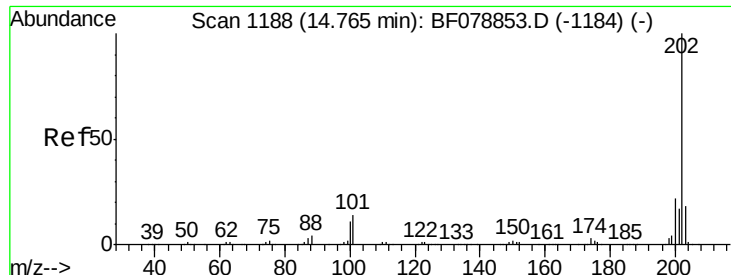
Acq: 11 May 2015 18:14

Tgt Ion:	184	Resp:	23162
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.3	18.5
183	12.2	8.4	12.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





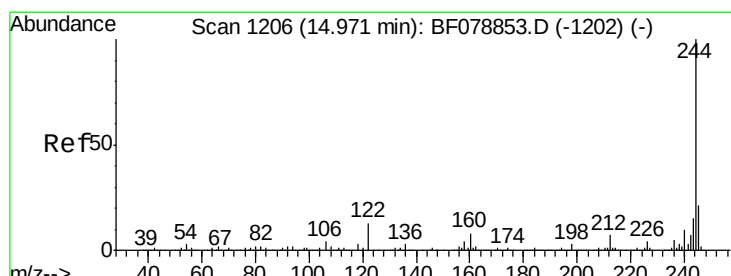
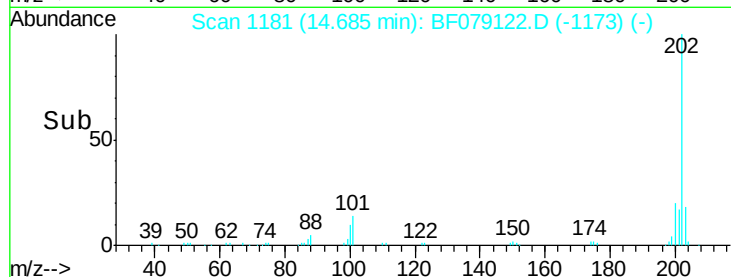
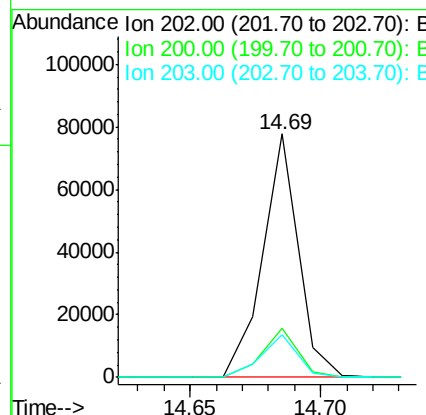
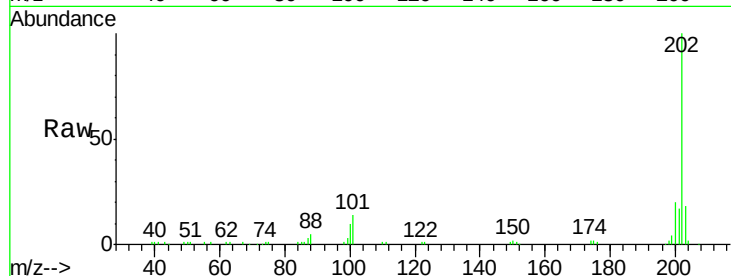
#77
Pvrene
Concen: 4.95 ng
RT: 14.69 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampled :
PB83261BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.5	26.3
203	17.6	13.9	20.9

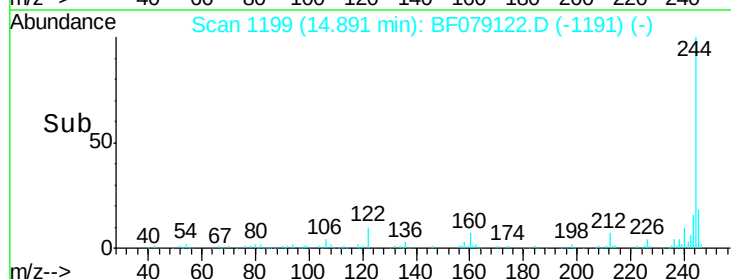
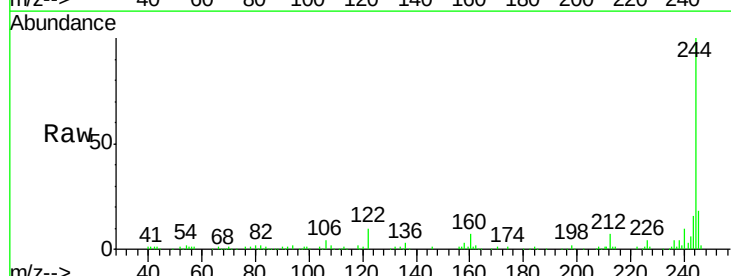
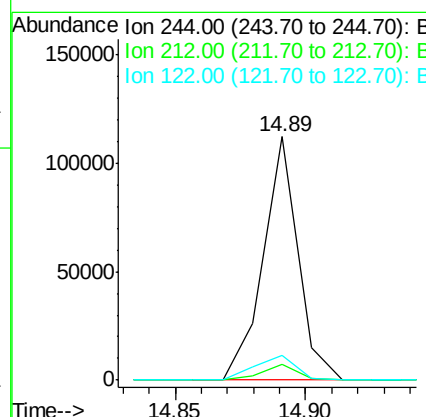
Manual Integrations
APPROVED

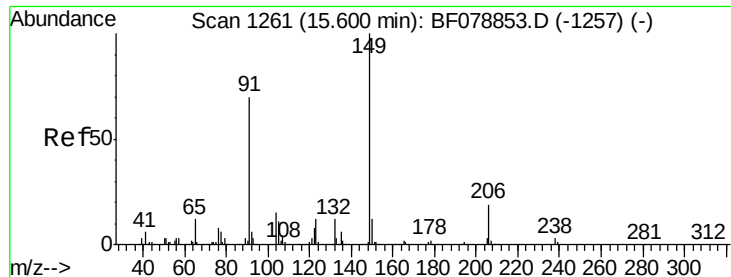
apatel
5/12/2015 4:50:15 PM



#78
Terphenyl-d14
Concen: 9.79 ng
RT: 14.89 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.0	10.3	15.5





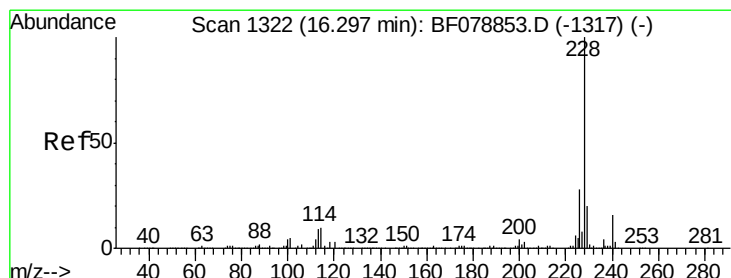
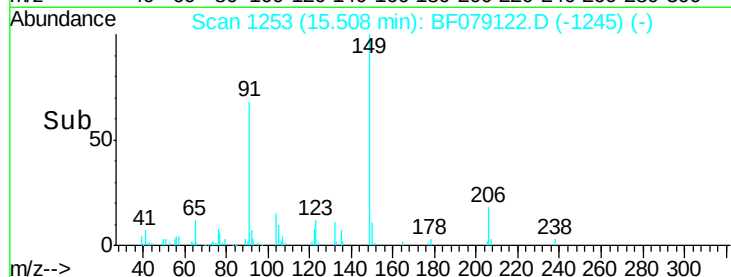
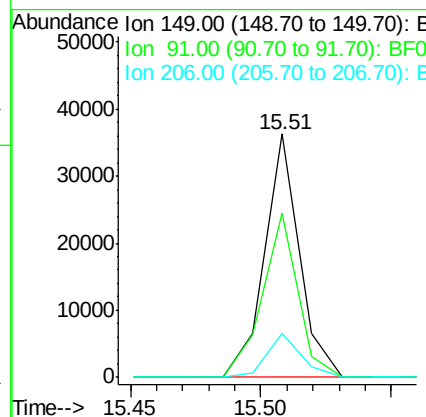
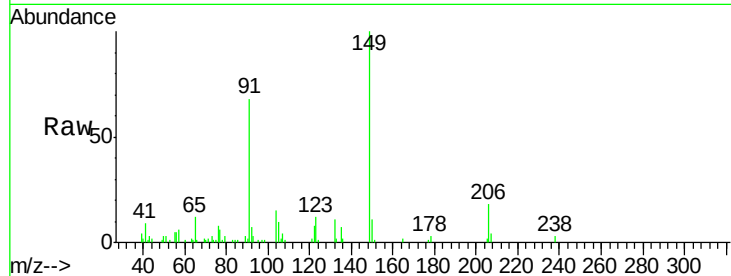
#79
Butylbenzylphthalate
Concen: 5.23 ng
RT: 15.51 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.7	64.6	97.0
206	18.0	12.2	18.4

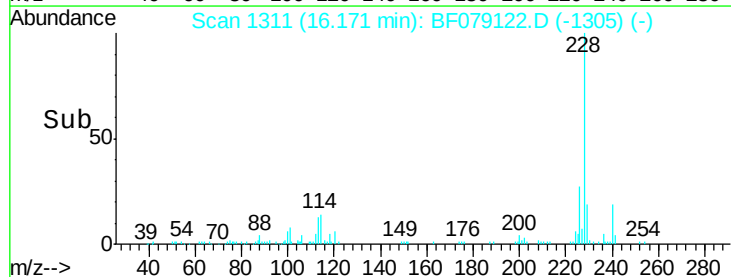
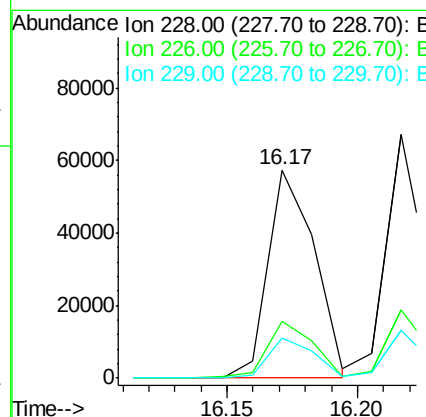
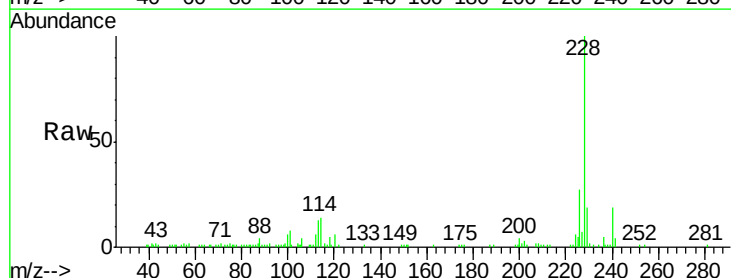
Manual Integrations
APPROVED

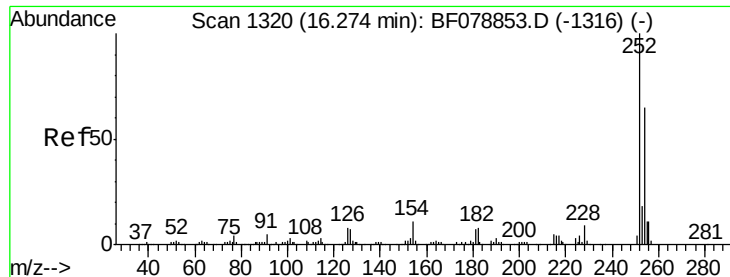
apatel
5/12/2015 4:50:15 PM



#80
Benzo(a)anthracene
Concen: 5.07 ng
RT: 16.17 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.3	15.9	23.9





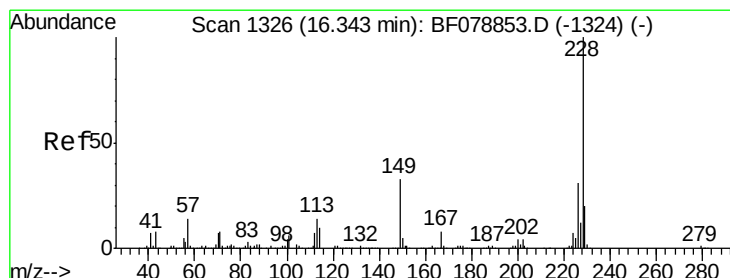
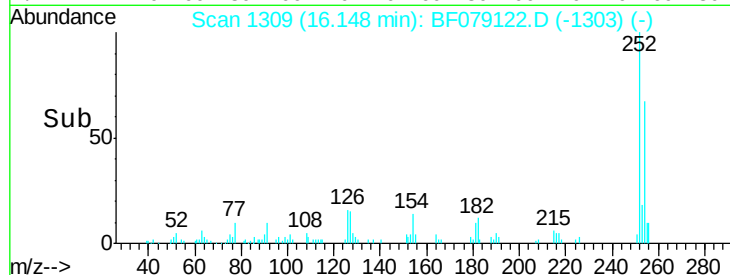
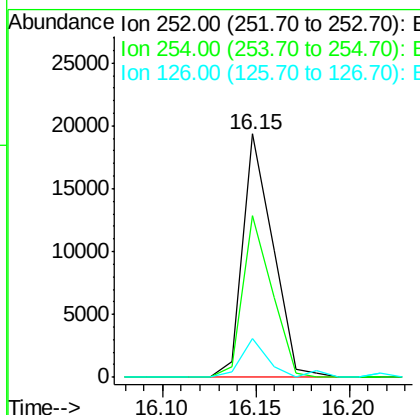
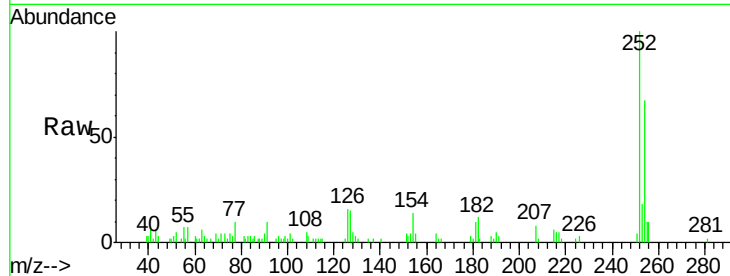
#81
 3,3'-Dichlorobenzidine
 Concen: 4.32 ng
 RT: 16.15 min Scan# 1309
 Delta R.T. -0.03 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampled :
 PB83261BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	21730		
254	66.6	51.3	76.9	
126	16.1	6.6	10.0	

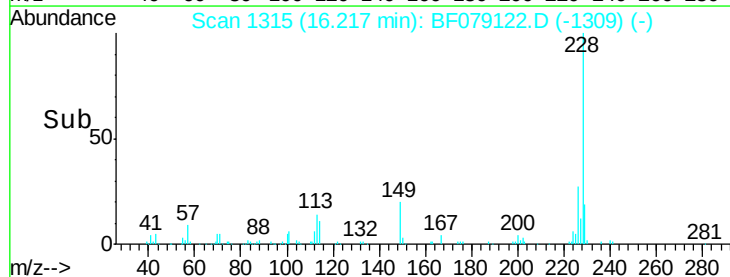
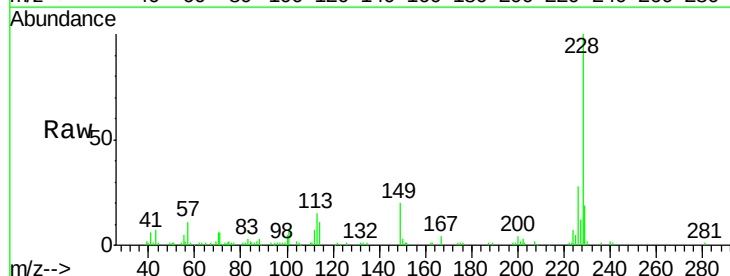
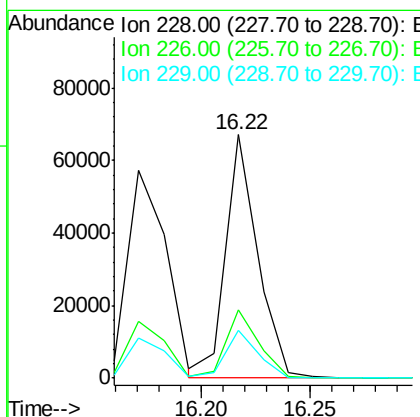
Manual Integrations
 APPROVED

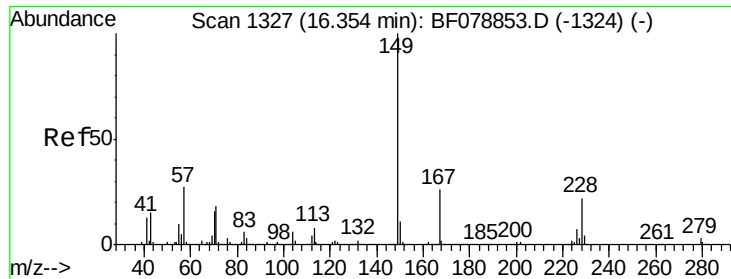
apatel
 5/12/2015 4:50:15 PM



#82
 Chrysene
 Concen: 5.04 ng
 RT: 16.22 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	68458		
226	28.0	24.9	37.3	
229	19.5	16.0	24.0	





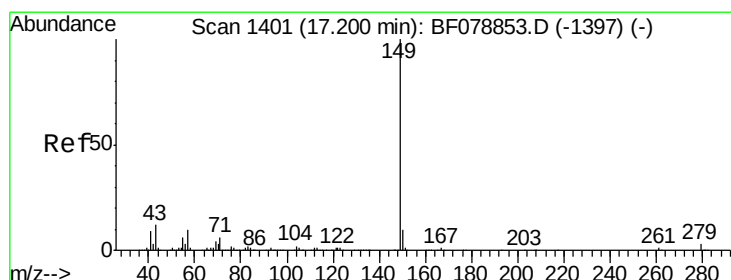
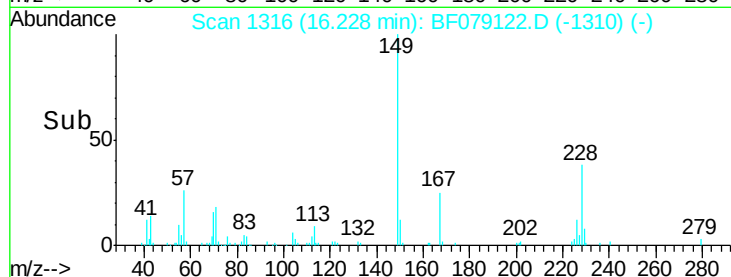
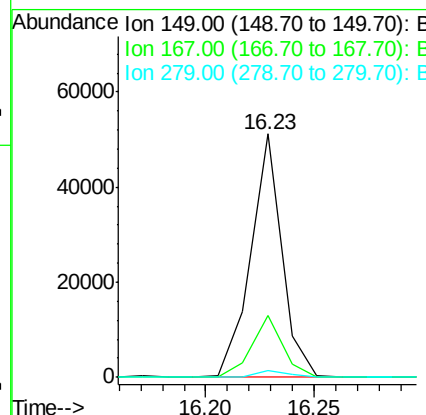
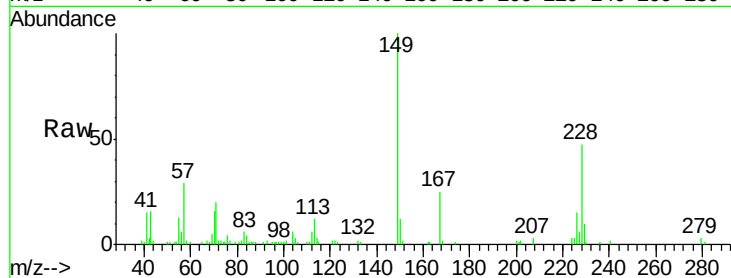
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.19 ng
 RT: 16.23 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB83261BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.8	32.8
279	3.0	2.9	4.3

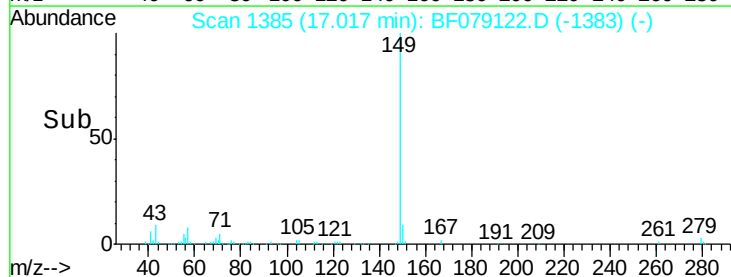
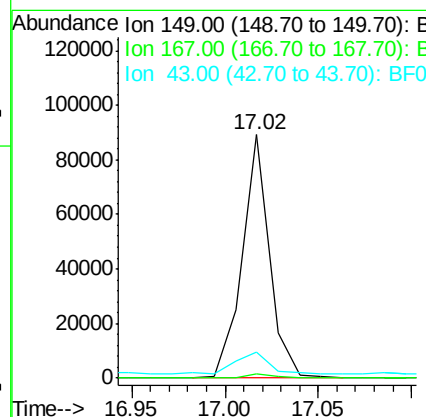
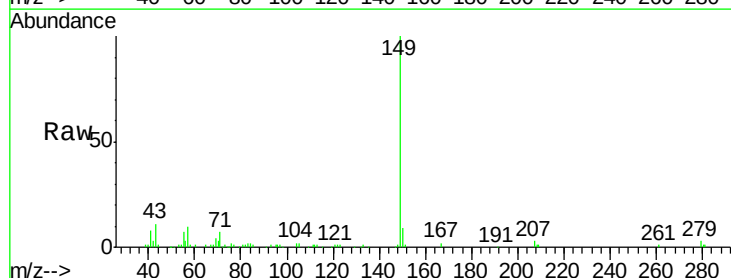
Manual Integrations
 APPROVED

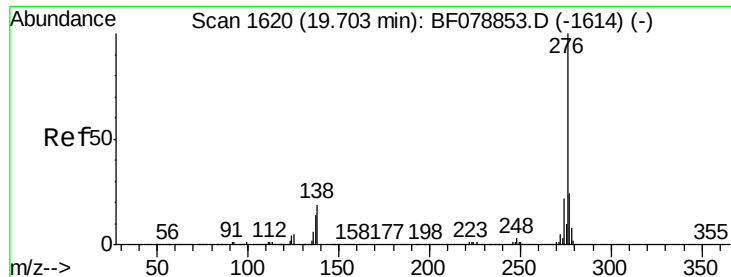
apatel
 5/12/2015 4:50:15 PM



#84
 Di-n-octyl phthalate
 Concen: 5.25 ng
 RT: 17.02 min Scan# 1385
 Delta R.T. -0.08 min
 Lab File: BF079122.D
 Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	10.7	0.0	0.0#





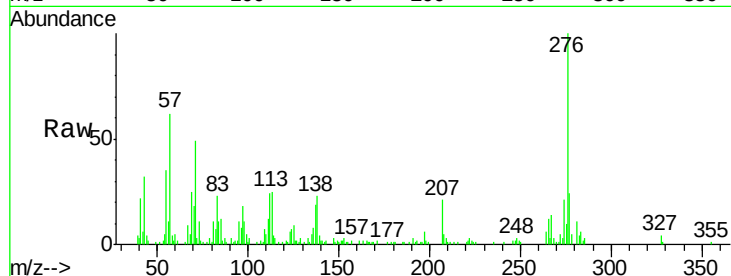
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.11 ng
RT: 19.37 min Scan# 1591
Delta R.T. -0.17 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

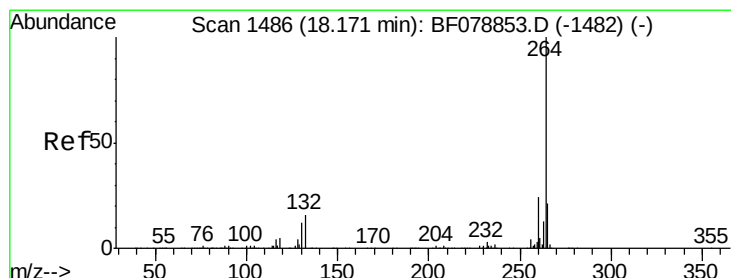
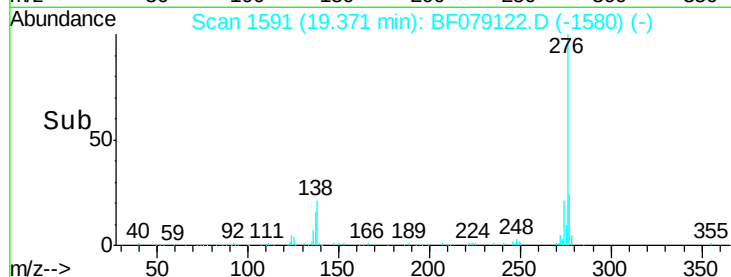
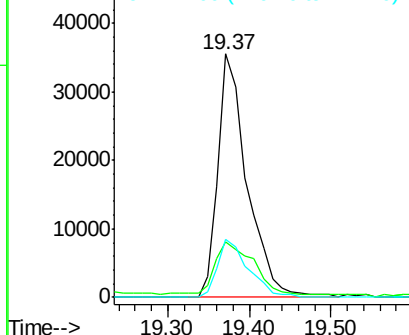
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	0.0	0.0#
277	25.2	0.0	0.0#

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM

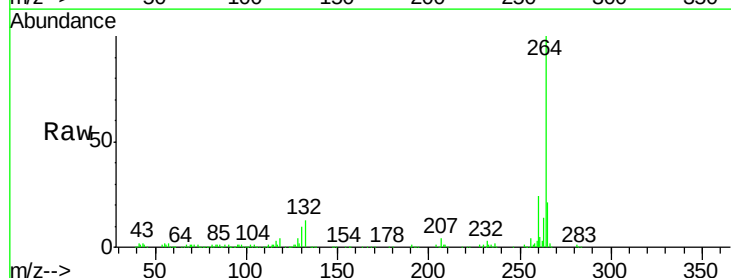


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

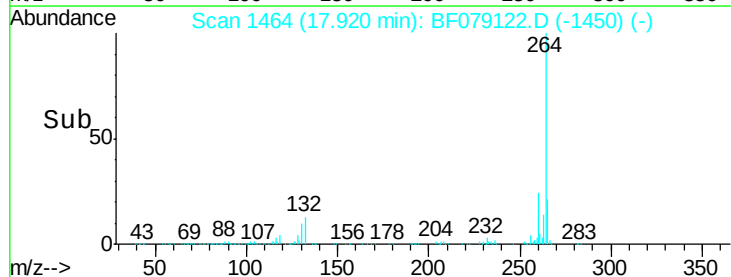
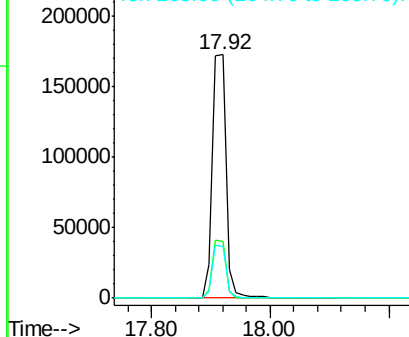


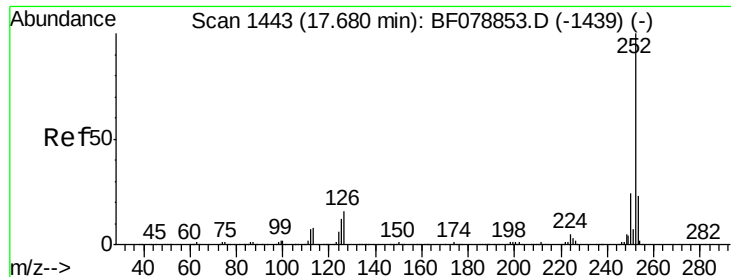
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.92 min Scan# 1464
Delta R.T. -0.14 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.1	18.3	27.5



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





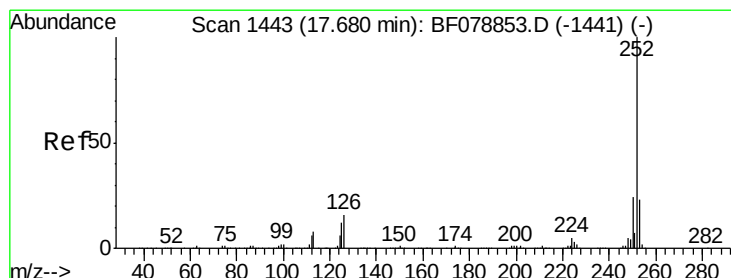
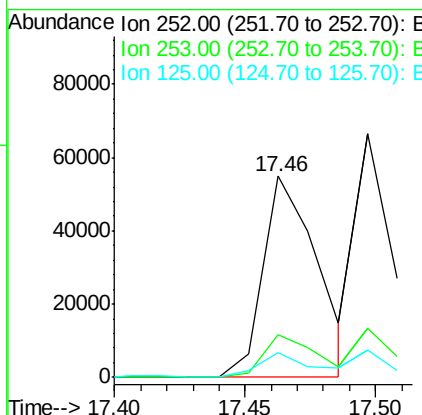
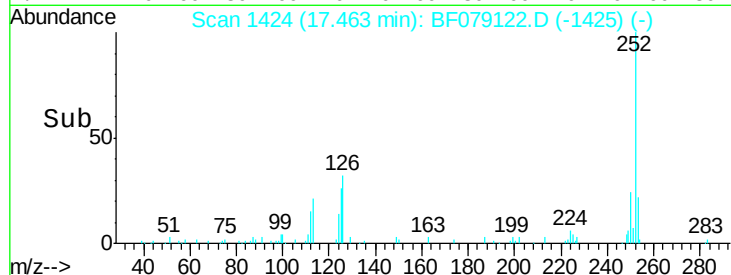
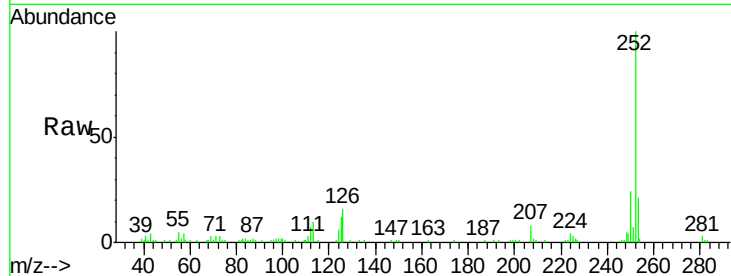
#87
Benzo(b)fluoranthene
Concen: 5.27 ng
RT: 17.46 min Scan# 1424
Delta R.T. -0.11 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.7	26.5
125	12.4	9.5	14.3

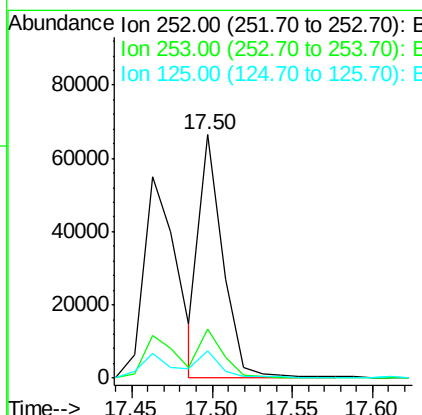
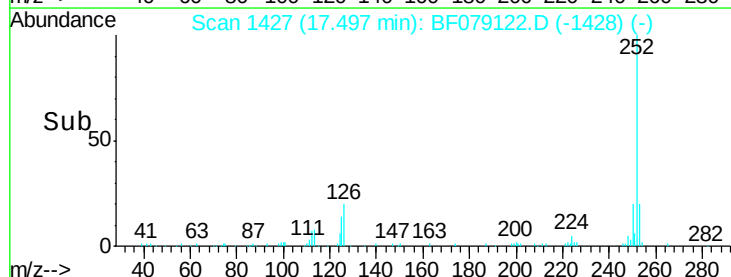
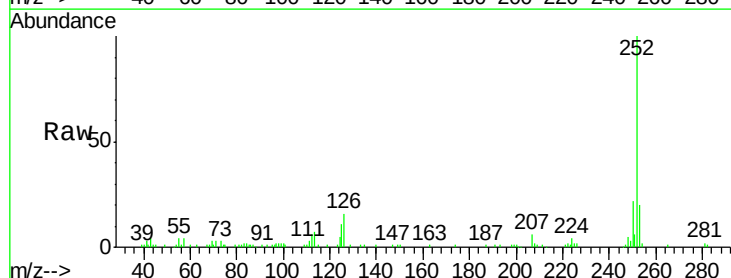
Manual Integrations
APPROVED

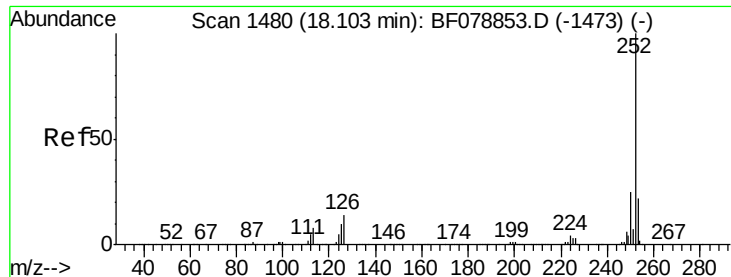
apatel
5/12/2015 4:50:15 PM



#88
Benzo(k)fluoranthene
Concen: 4.68 ng m
RT: 17.50 min Scan# 1427
Delta R.T. -0.11 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.1	18.1	27.1
125	11.1	10.0	15.0





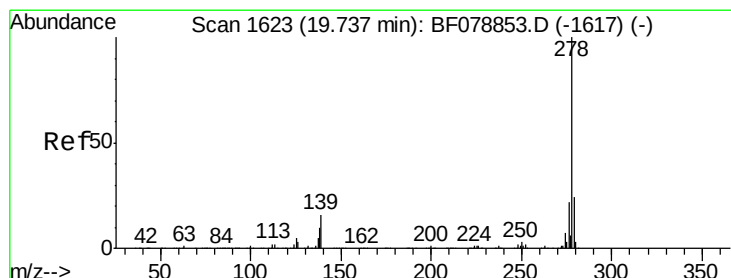
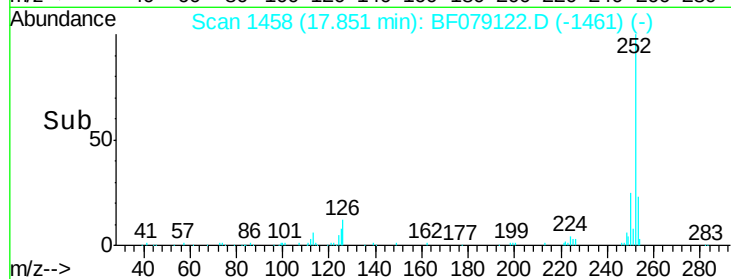
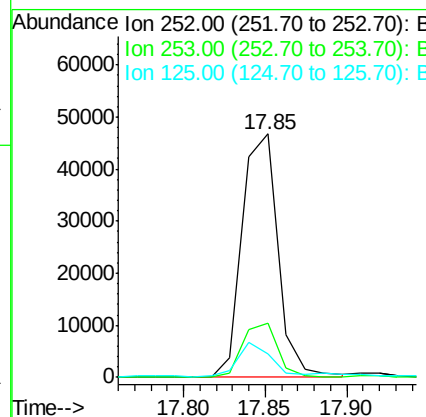
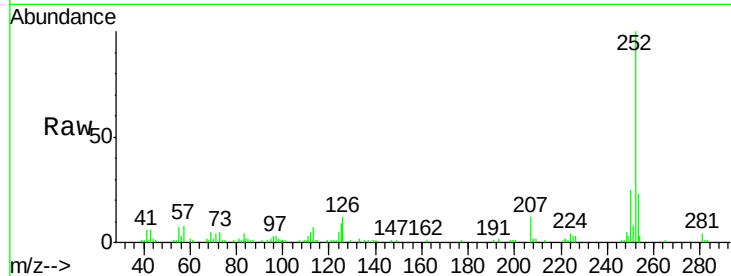
#89
Benzo(a)pyrene
Concen: 5.13 ng
RT: 17.85 min Scan# 1458
Delta R.T. -0.14 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Instrument :
BNA_F
ClientSampleId :
PB83261BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.4	7.0	10.6

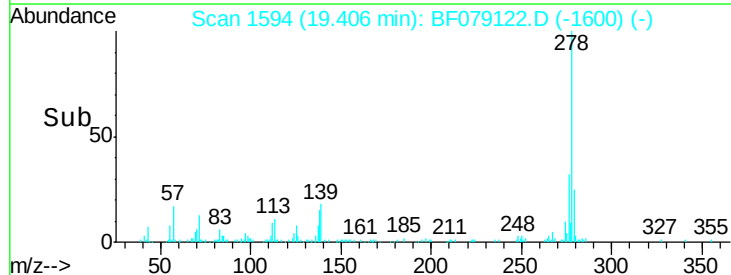
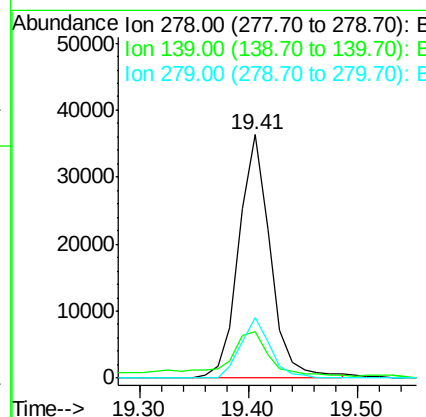
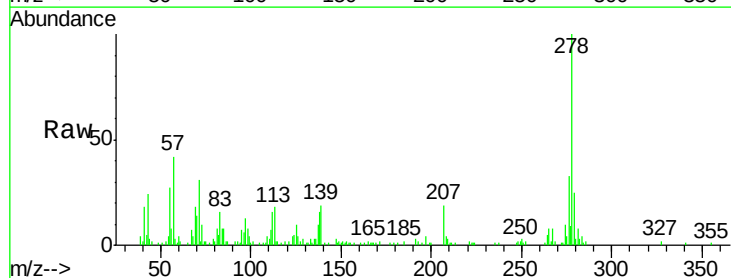
Manual Integrations
APPROVED

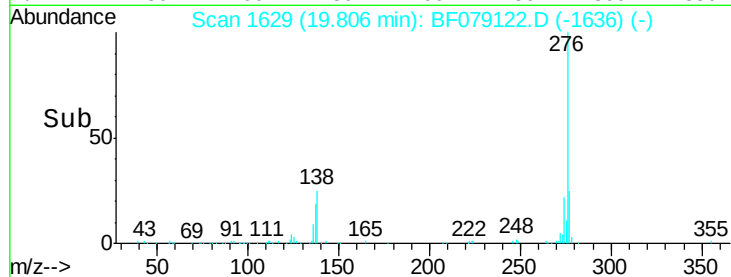
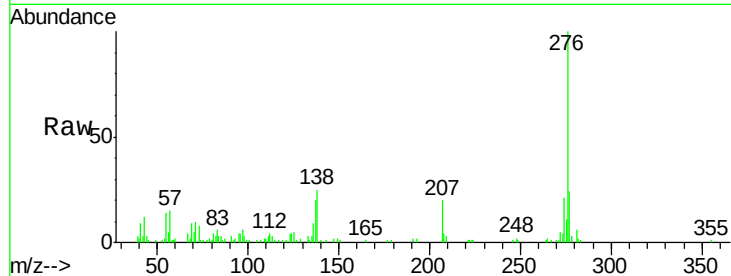
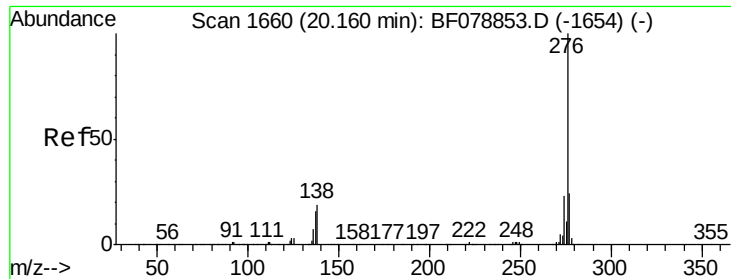
apatel
5/12/2015 4:50:15 PM



#90
Dibenzo(a,h)anthracene
Concen: 4.92 ng
RT: 19.41 min Scan# 1594
Delta R.T. -0.17 min
Lab File: BF079122.D
Acq: 11 May 2015 18:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	12.8	19.2
279	24.8	19.6	29.4





#91

Benzo(a,h,i)perylene

Concen: 5.06 ng

RT: 19.81 min Scan# 1629

Delta R.T. -0.18 min

Lab File: BF079122.D

Acq: 11 May 2015 18:14

Tot Ion:	276	Resp:	74916
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.6	28.0
138	25.2	17.4	26.0

Instrument :

BNA_F

ClientSampleId :

PB83261BS

Manual Integrations
APPROVED

apatel
5/12/2015 4:50:15 PM

