

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
 Data File : BF077216.D
 Acq On : 6 Feb 2015 23:12
 Operator : TP/IZ
 Sample : PB81602BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

Manual Integrations
 APPROVED

apatel
 2/9/2015 1:36:07 PM

Quant Time: Feb 09 12:02:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 00:48:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	25210	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	108397	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	53639	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	105100	20.00	ng	0.00
75) Chrysene-d12	21.05	240	105423	20.00	ng	0.00
86) Perylene-d12	22.69	264	88619	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	4.66	112	167268	109.09	ng	0.00
7) Phenol-d6	7.06	99	209611	108.37	ng	0.00
23) Nitrobenzene-d5	8.96	82	132405	67.67	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	51503	118.29	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	274506	77.88	ng	0.00
78) Terphenyl-d14	19.79	244	306231	66.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.09	88	20461	31.16	ng	# 78
3) Pyridine	1.54	79	49174	28.94	ng	97
4) n-Nitrosodimethylamine	1.49	42	31449	37.37	ng	96
6) Aniline	6.93	93	39030	14.58	ng	96
8) 2-Chlorophenol	7.17	128	61777	34.95	ng	93
10) Phenol	7.09	94	62201	30.28	ng	94
11) bis(2-Chloroethyl)ether	7.18	93	55879	34.77	ng	# 86
12) 1,3-Dichlorobenzene	7.48	146	64663	32.15	ng	95
13) 1,4-Dichlorobenzene	7.68	146	64122	30.07	ng	96
14) 1,2-Dichlorobenzene	8.00	146	63894	32.52	ng	95
15) Benzyl Alcohol	8.10	79	49221	31.45	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	71826	33.25	ng	76
17) 2-Methylphenol	8.45	107	45886	31.76	ng	99
18) Hexachloroethane	8.74	117	25196	33.97	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	42936	31.71	ng	99
20) 3+4-Methylphenols	8.84	107	53586	28.02	ng	92
22) Acetophenone	8.65	105	86913	32.74	ng	99
24) Nitrobenzene	8.99	77	60479	30.34	ng	95
25) Isophorone	9.60	82	115565	32.43	ng	98
26) 2-Nitrophenol	9.73	139	28532	28.69	ng	# 85
27) 2,4-Dimethylphenol	10.03	122	53722	34.85	ng	93
28) bis(2-Chloroethoxy)methane	10.22	93	68934	34.04	ng	97
29) 2,4-Dichlorophenol	10.35	162	44230	30.79	ng	96
30) 1,2,4-Trichlorobenzene	10.46	180	53023	33.23	ng	93
31) Naphthalene	10.60	128	176687	31.66	ng	97
32) Benzoic acid	10.43	122	9948m	11.65	ng	
33) 4-Chloroaniline	10.86	127	39219m	17.39	ng	
34) Hexachlorobutadiene	10.97	225	30045	31.74	ng	97
35) Caprolactam	11.71	113	12915m	30.54	ng	
36) 4-Chloro-3-methylphenol	12.18	107	52104	31.68	ng	98
37) 2-Methylnaphthalene	12.26	142	127254	33.39	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.66	216	48391	36.49	ng	97
40) Hexachlorocyclopentadiene	12.64	237	44359	63.16	ng	98
42) 2,4,6-Trichlorophenol	13.03	196	31435	32.53	ng	95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
 Data File : BF077216.D
 Acq On : 6 Feb 2015 23:12
 Operator : TP/IZ
 Sample : PB81602BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB81602BS

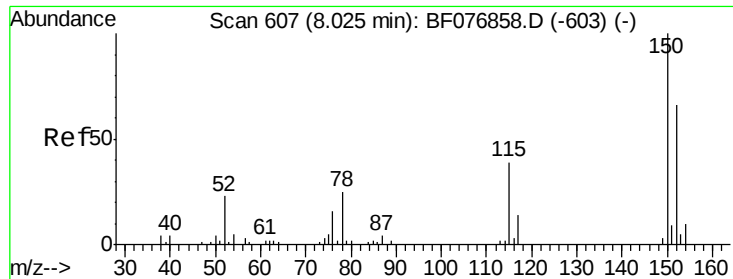
Manual Integrations
 APPROVED

apatel
 2/9/2015 1:36:07 PM

Quant Time: Feb 09 12:02:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 00:48:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.12	196	29109	29.54	ng	# 92
45) 1,1'-Biphenyl	13.40	154	148175	37.26	ng	98
46) 2-Chloronaphthalene	13.38	162	119713	36.58	ng	96
47) 2-Nitroaniline	13.73	65	36278	36.55	ng	96
48) Acenaphthylene	14.33	152	190829	34.57	ng	97
49) Dimethylphthalate	14.29	163	144639	38.02	ng	98
50) 2,6-Dinitrotoluene	14.39	165	29641	39.00	ng	96
51) Acenaphthene	14.75	154	107989	34.48	ng	92
52) 3-Nitroaniline	14.74	138	22399	23.53	ng	98
53) 2,4-Dinitrophenol	15.03	184	16502	51.22	ng	89
54) Dibenzofuran	15.17	168	168924	37.03	ng	97
55) 4-Nitrophenol	15.36	139	31102	52.16	ng	94
56) 2,4-Dinitrotoluene	15.32	165	40974	36.49	ng	# 92
57) Fluorene	15.94	166	139909	36.20	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.54	232	24541	34.20	ng	# 97
59) Diethylphthalate	15.95	149	153931	40.04	ng	100
60) 4-Chlorophenyl-phenylether	16.04	204	59640	37.72	ng	# 85
61) 4-Nitroaniline	16.10	138	27463	29.24	ng	88
62) Azobenzene	16.33	77	151146	37.73	ng	98
64) 4,6-Dinitro-2-methylphenol	16.18	198	17160	26.96	ng	83
65) n-Nitrosodiphenylamine	16.29	169	120385	32.12	ng	98
66) 4-Bromophenyl-phenylether	16.91	248	34447	32.35	ng	# 86
67) Hexachlorobenzene	16.92	284	35711	31.83	ng	96
68) Atrazine	17.30	200	41147	36.18	ng	93
69) Pentachlorophenol	17.30	266	23449	48.53	ng	95
70) Phenanthrene	17.57	178	201944	30.81	ng	98
71) Anthracene	17.65	178	207162	32.41	ng	99
72) Carbazole	17.95	167	200227	32.30	ng	99
73) Di-n-butylphthalate	18.55	149	250884	34.96	ng	98
74) Fluoranthene	19.23	202	210600	31.36	ng	98
76) Benzidine	19.48	184	86014	25.50	ng	98
77) Pyrene	19.52	202	230858	31.95	ng	99
79) Butylbenzylphthalate	20.45	149	112901	34.50	ng	94
80) Benzo(a)anthracene	21.04	228	205225	31.03	ng	99
81) 3,3'-Dichlorobenzidine	21.06	252	50630	24.09	ng	# 95
82) Chrysene	21.08	228	190718	31.62	ng	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	164418	36.32	ng	# 98
84) Di-n-octyl phthalate	21.95	149	280088	35.65	ng	98
85) Indeno(1,2,3-cd)pyrene	23.78	276	194698	30.46	ng	# 84
87) Benzo(b)fluoranthene	22.28	252	188235m	31.54	ng	
88) Benzo(k)fluoranthene	22.32	252	181572m	34.82	ng	
89) Benzo(a)pyrene	22.63	252	179967	34.18	ng	# 95
90) Dibenzo(a,h)anthracene	23.80	278	156601	32.42	ng	# 92
91) Benzo(g,h,i)perylene	24.04	276	162526	33.84	ng	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.64 min Scan# 591

Delta R.T. -0.00 min

Lab File: BF077216.D

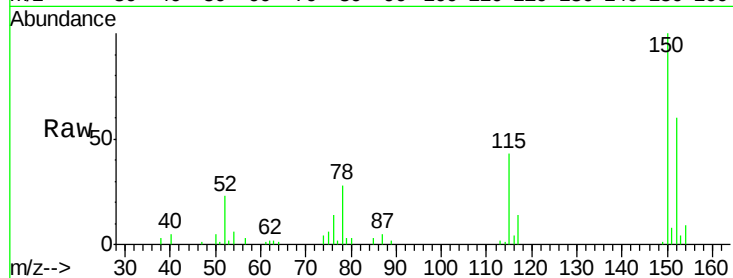
Acq: 6 Feb 2015 23:12

Instrument :

BNA_F

ClientSampleId :

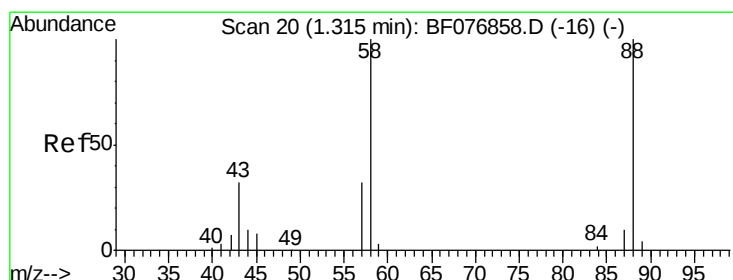
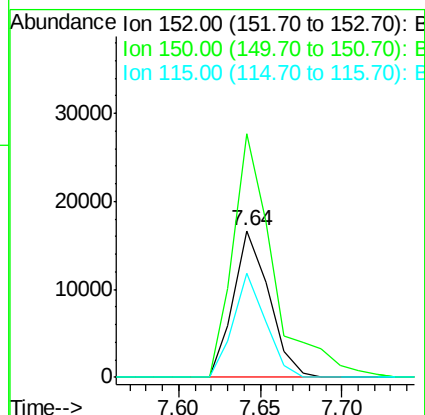
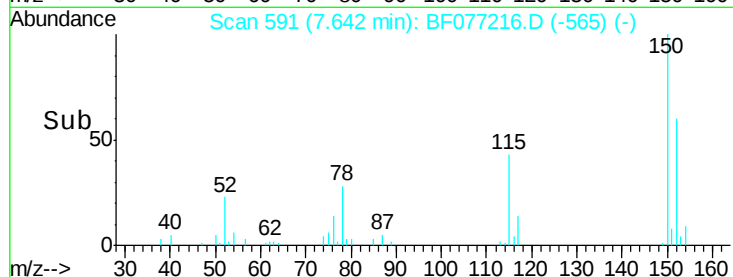
PB81602BS



Tgt Ion:	152	Resp:	25210
Ion Ratio	Lower	Upper	
152	100		
150	166.1	121.7	182.5
115	71.1	47.0	70.6#

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



#2

1,4-Dioxane

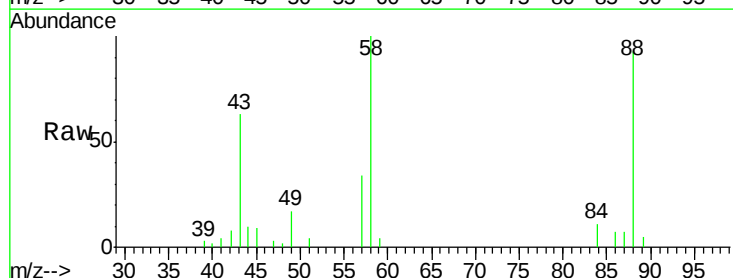
Concen: 31.16 ng

RT: 1.09 min Scan# 18

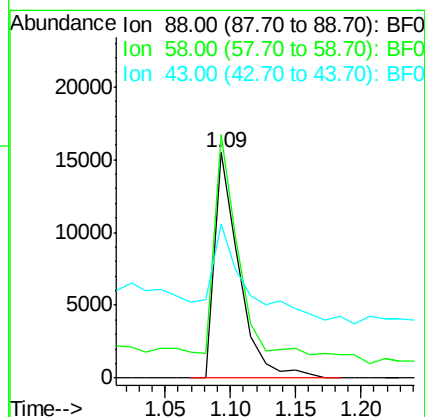
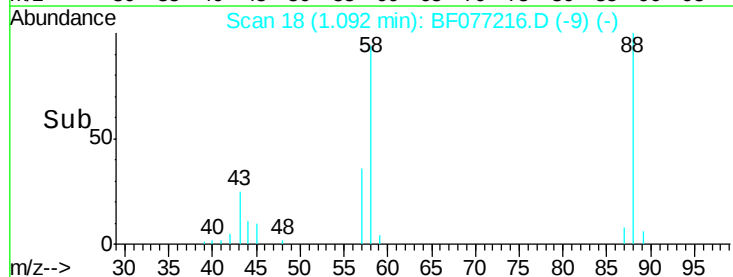
Delta R.T. -0.00 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12



Tgt Ion:	88	Resp:	20461
Ion Ratio	Lower	Upper	
88	100		
58	105.4	77.0	115.4
43	65.0	25.6	38.4#





#3

Pyridine

Concen: 28.94 ng

RT: 1.54 min Scan# 57

Delta R.T. -0.01 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

Instrument :

BNA_F

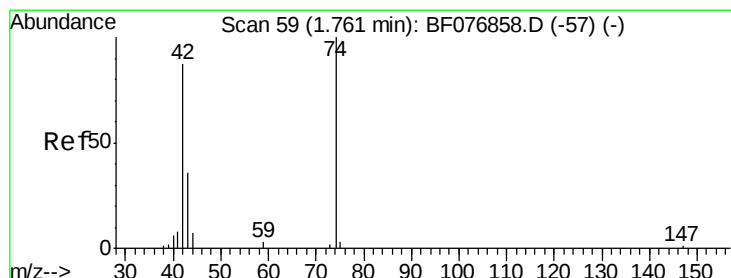
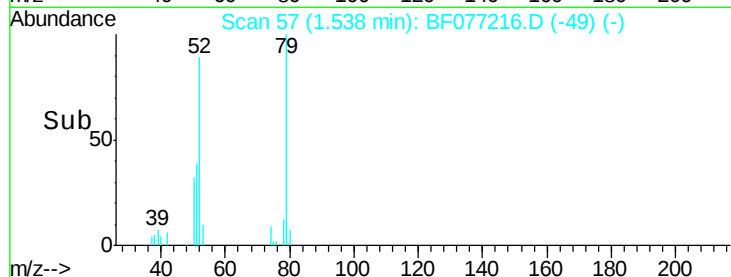
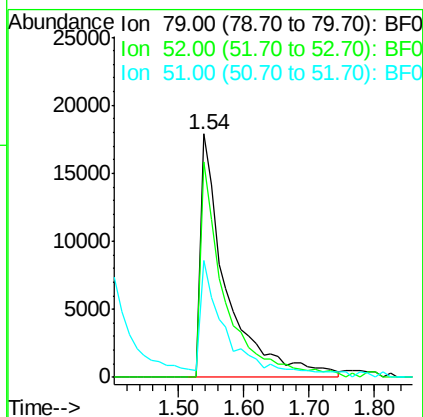
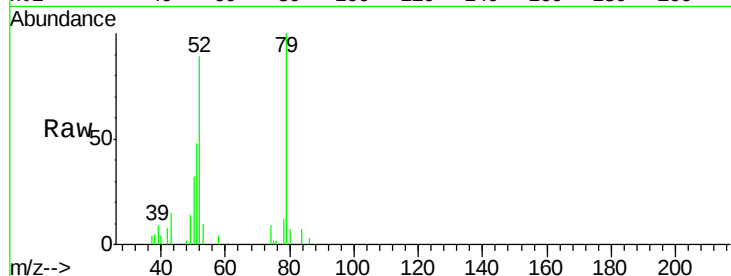
ClientSampleId :

PB81602BS

Tgt Ion:	79	Resp:	49174
Ion Ratio	Lower	Upper	
79	100		
52	88.7	70.1	105.1
51	47.8	35.1	52.7

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



#4

n-Nitrosodimethylamine

Concen: 37.37 ng

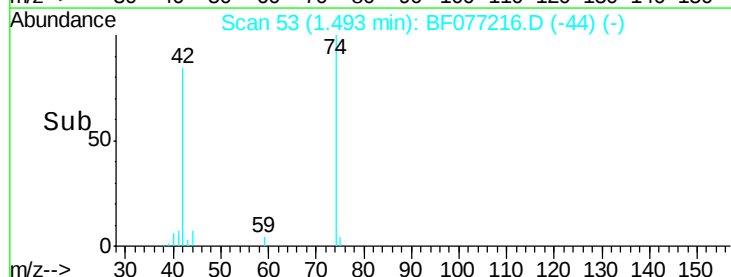
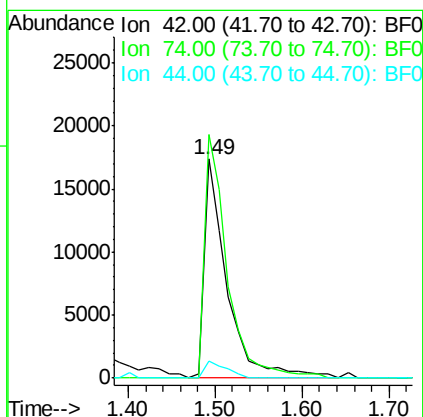
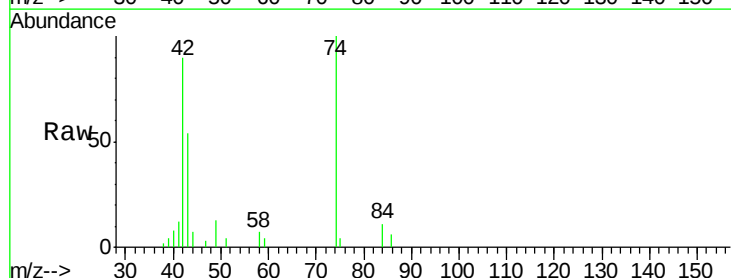
RT: 1.49 min Scan# 53

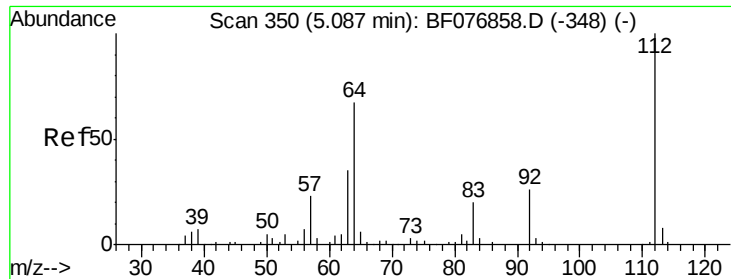
Delta R.T. -0.00 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

Tgt Ion:	42	Resp:	31449
Ion Ratio	Lower	Upper	
42	100		
74	111.3	92.4	138.6
44	7.5	6.2	9.2





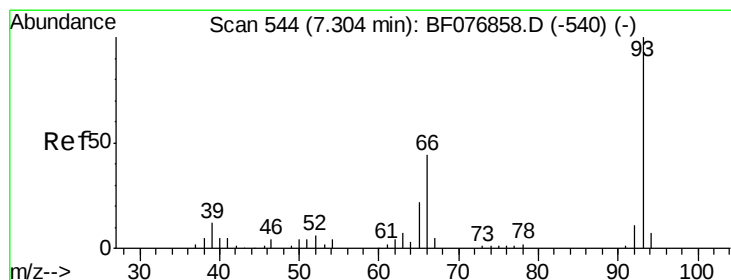
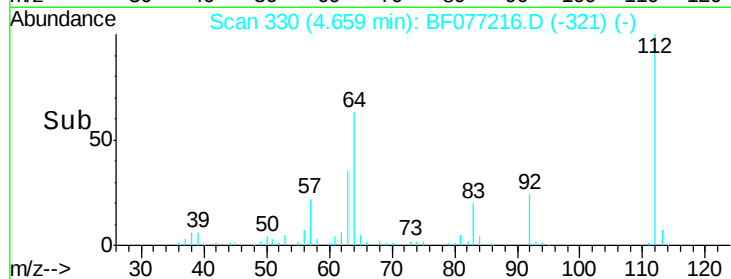
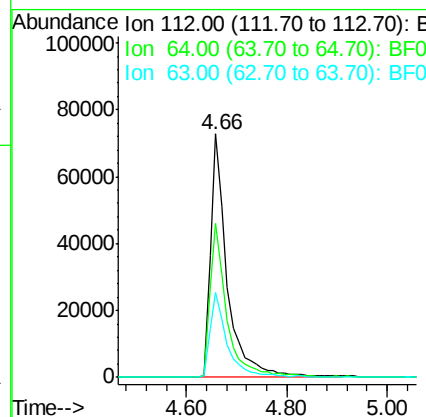
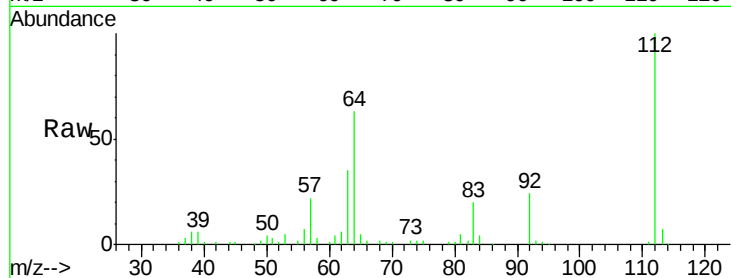
#5
 2-Fluorophenol
 Concen: 109.09 ng
 RT: 4.66 min Scan# 330
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	167268		
64	63.1	54.2	81.4	
63	34.8	28.4	42.6	

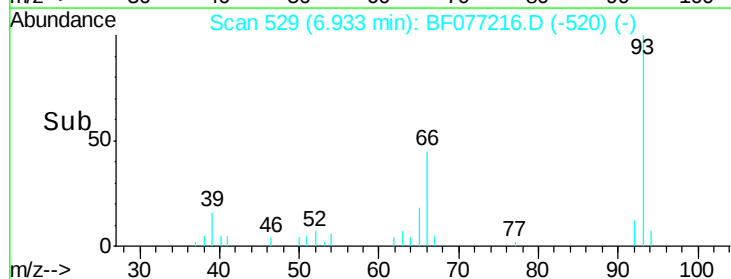
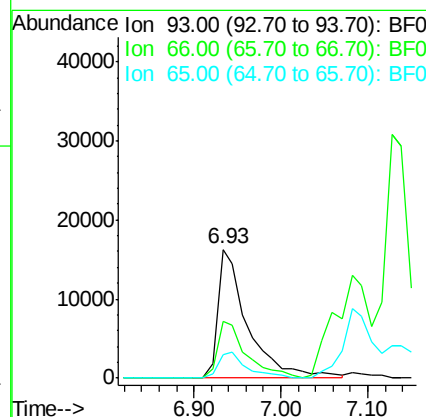
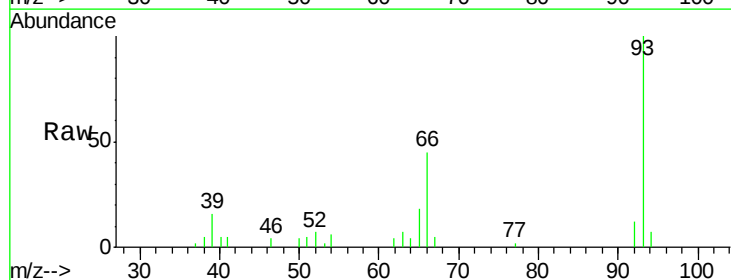
Manual Integrations
 APPROVED

apatel
 2/9/2015 1:36:07 PM



#6
 Aniline
 Concen: 14.58 ng
 RT: 6.93 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	39030		
66	44.5	35.0	52.4	
65	18.3	17.7	26.5	





#7

Phenol-d6

Concen: 108.37 ng

RT: 7.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

Instrument :

BNA_F

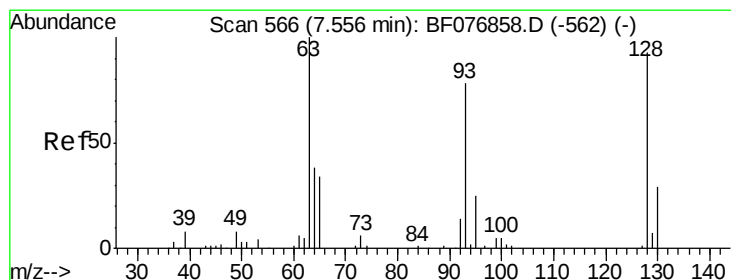
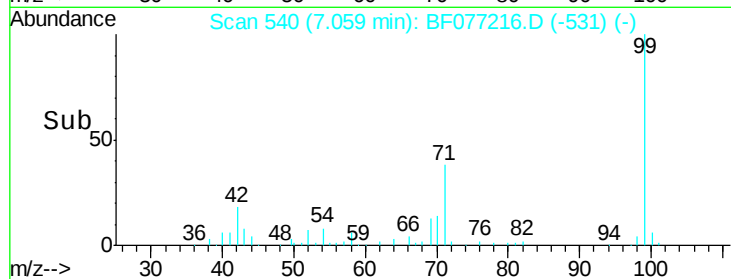
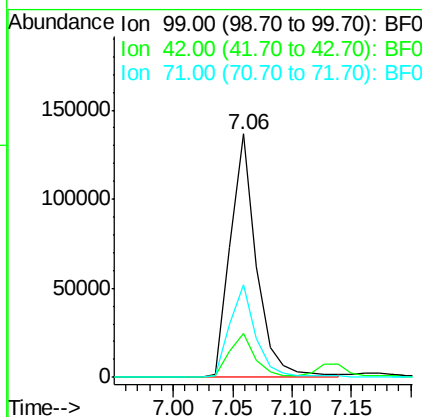
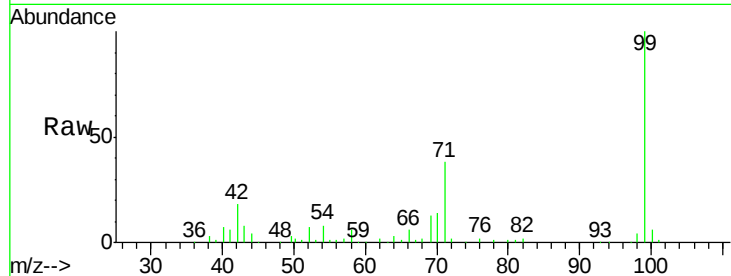
ClientSampleId :

PB81602BS

Tgt Ion:	99	Resp:	209611
Ion Ratio	Lower	Upper	
99	100		
42	18.0	15.0	22.4
71	38.1	30.5	45.7

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



#8

2-Chlorophenol

Concen: 34.95 ng

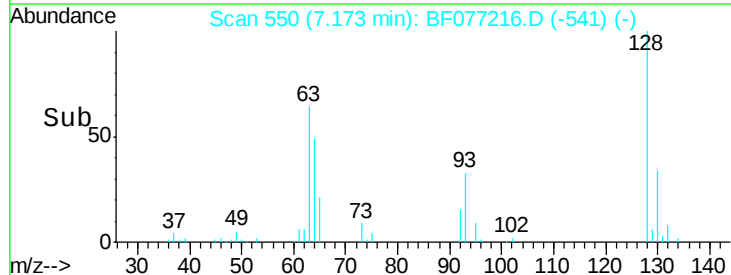
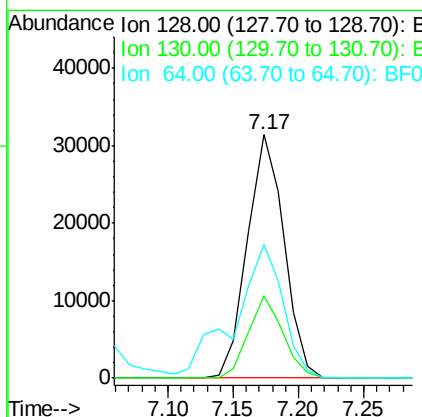
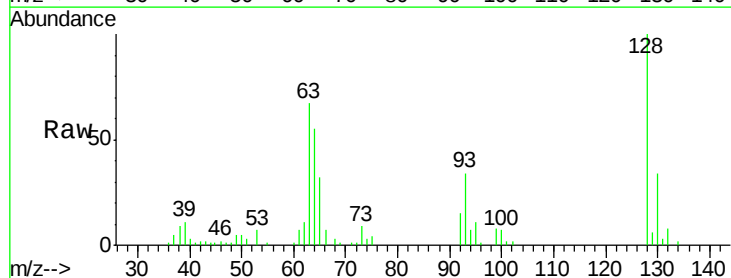
RT: 7.17 min Scan# 550

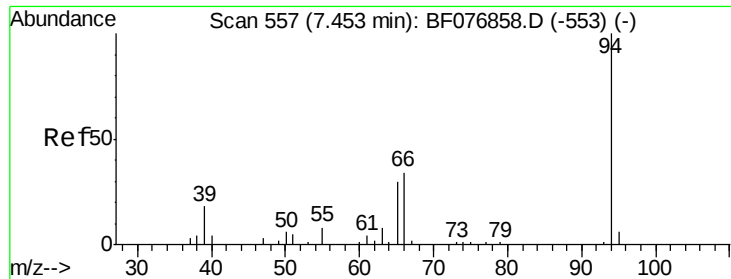
Delta R.T. -0.00 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

Tgt Ion:	128	Resp:	61777
Ion Ratio	Lower	Upper	
128	100		
130	33.8	11.0	51.0
64	54.6	29.3	69.3





#10

Phenol

Concen: 30.28 ng

RT: 7.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

Instrument :

BNA_F

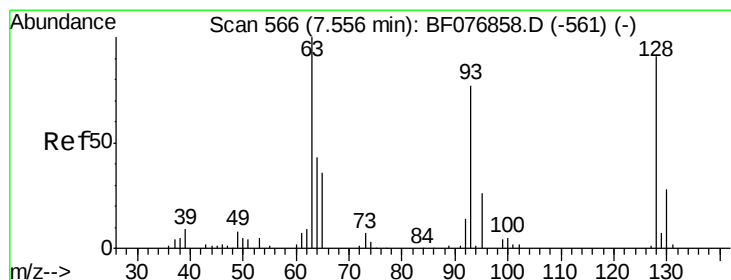
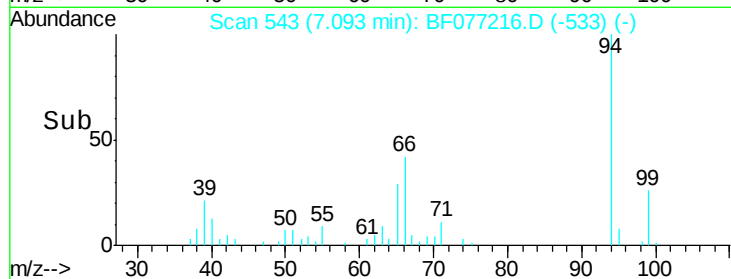
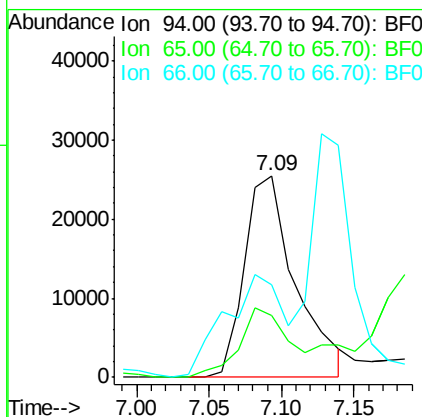
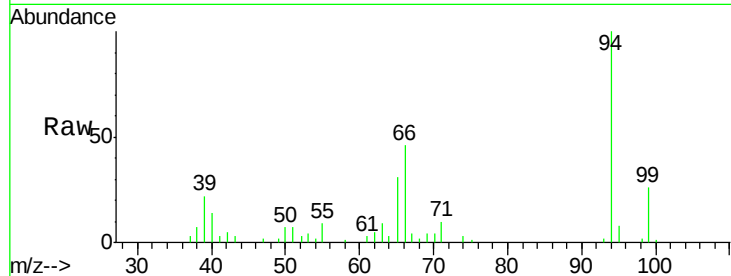
ClientSampleId :

PB81602BS

Tgt Ion:	94	Resp:	62201
Ion Ratio	Lower	Upper	
94	100		
65	30.7	11.3	51.3
66	46.1	19.5	59.5

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



#11

bis(2-Chloroethyl)ether

Concen: 34.77 ng

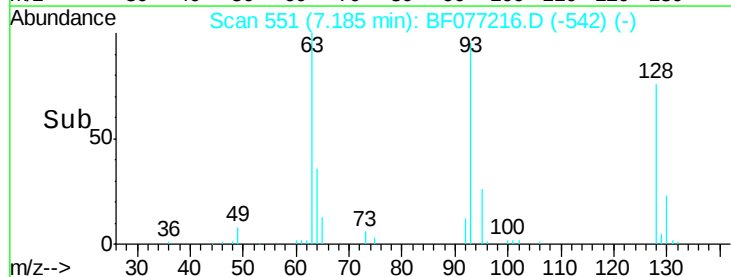
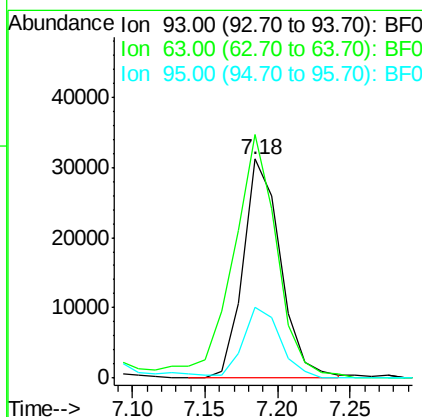
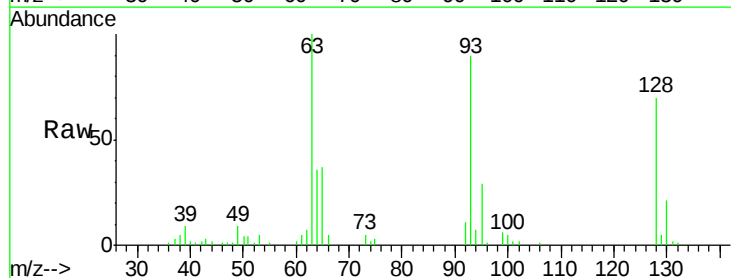
RT: 7.18 min Scan# 551

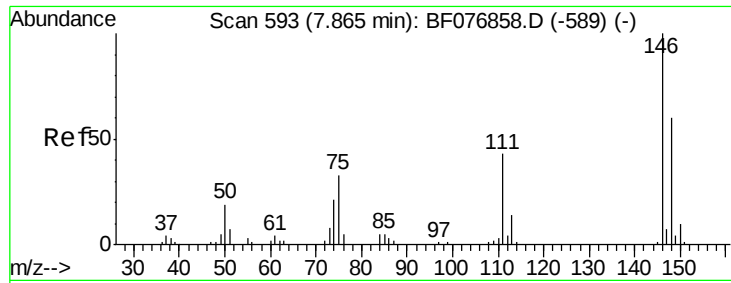
Delta R.T. -0.00 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

Tgt Ion:	93	Resp:	55879
Ion Ratio	Lower	Upper	
93	100		
63	111.3	111.3	151.3#
95	32.2	13.8	53.8





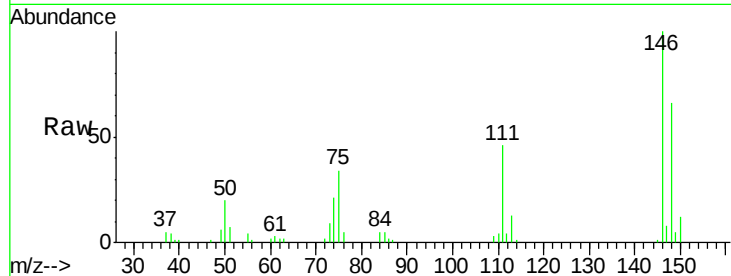
#12
 1,3-Dichlorobenzene
 Concen: 32.15 ng
 RT: 7.48 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

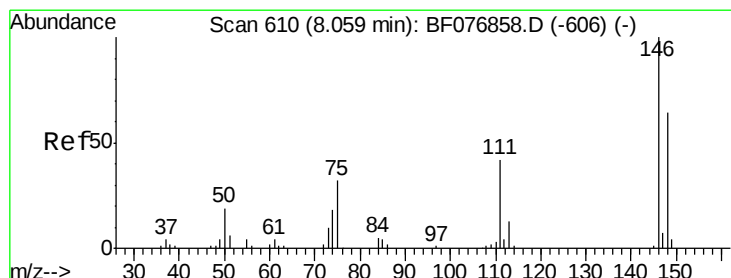
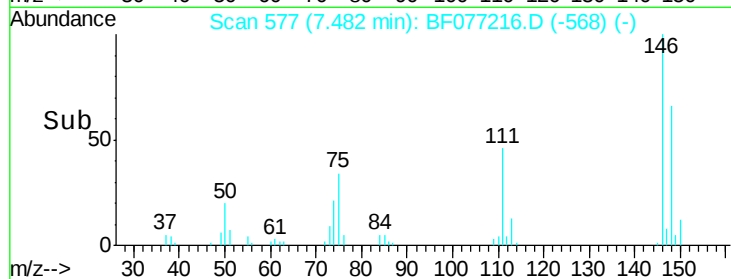
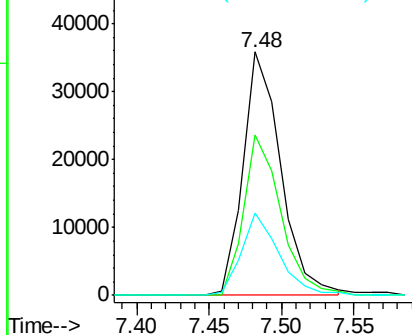
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	48.1	72.1
75	33.6	26.8	40.2

Manual Integrations
 APPROVED

apatel
 2/9/2015 1:36:07 PM

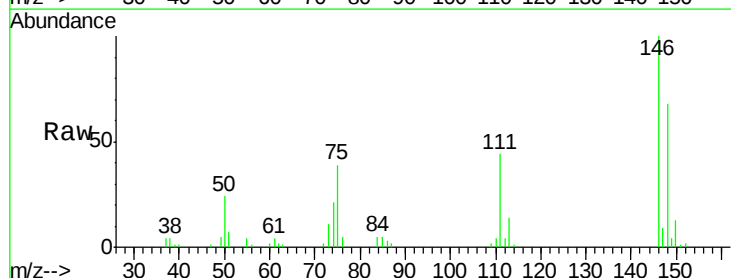


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

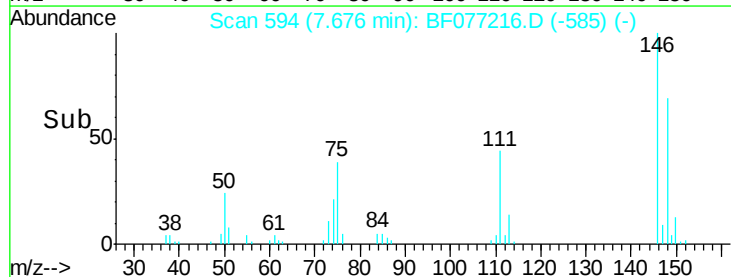
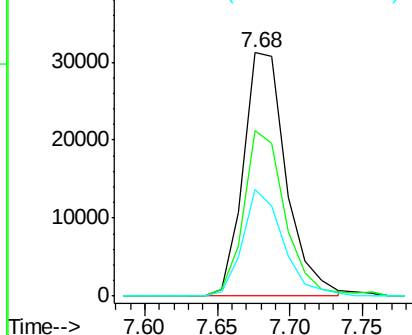


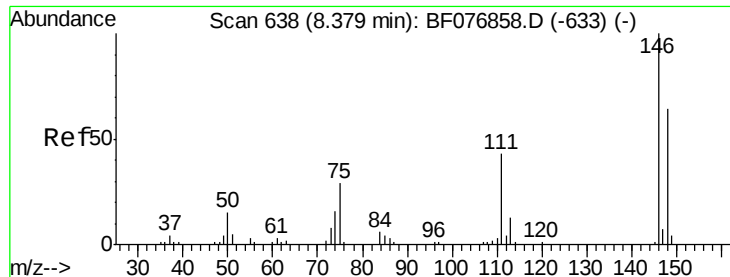
#13
 1,4-Dichlorobenzene
 Concen: 30.07 ng
 RT: 7.68 min Scan# 594
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.1	51.5	77.3
111	43.7	33.9	50.9



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





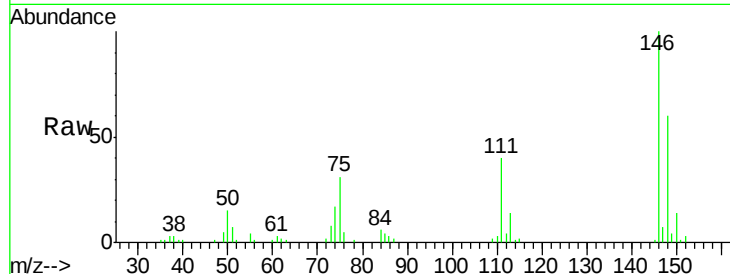
#14
1,2-Dichlorobenzene
Concen: 32.52 ng
RT: 8.00 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

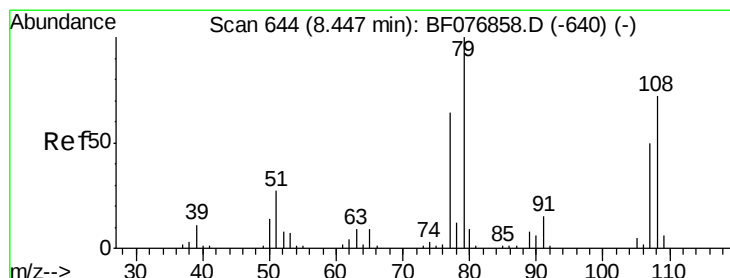
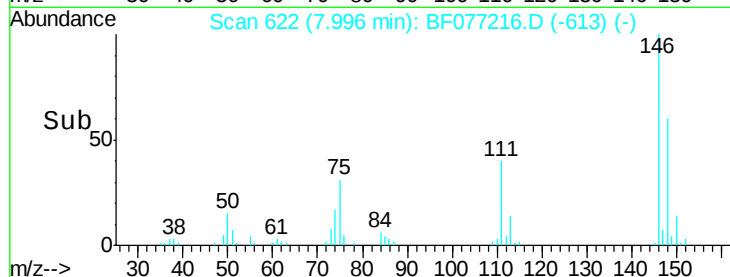
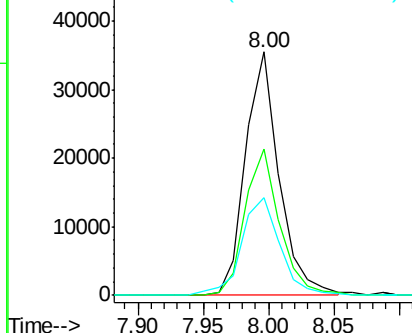
Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.3	51.3	76.9
111	40.2	34.5	51.7

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM

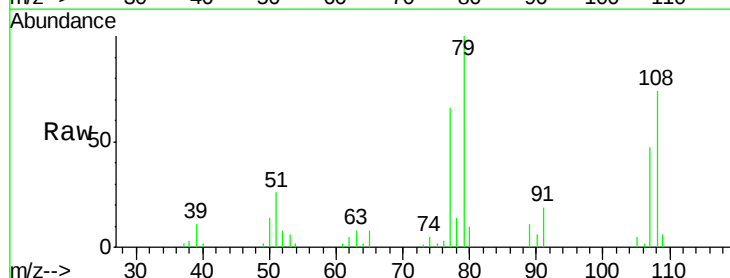


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

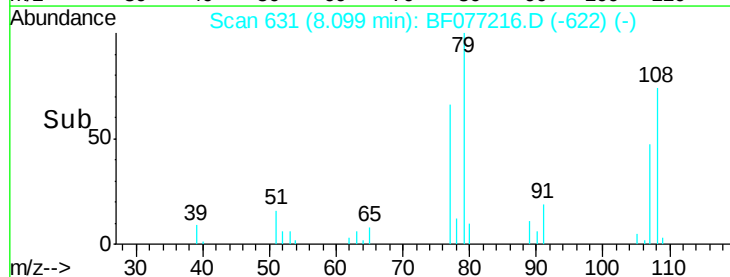
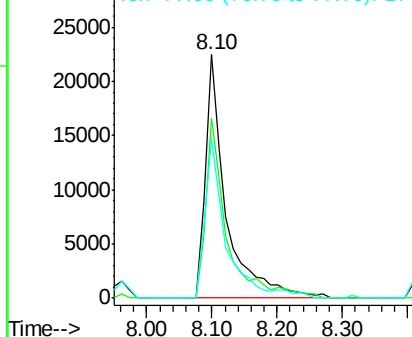


#15
Benzyl Alcohol
Concen: 31.45 ng
RT: 8.10 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
79	100		
108	73.9	57.2	85.8
77	65.5	51.2	76.8



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





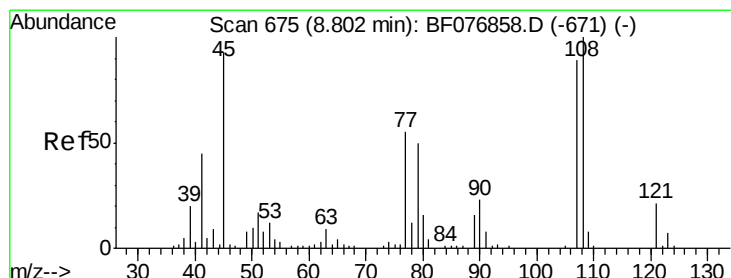
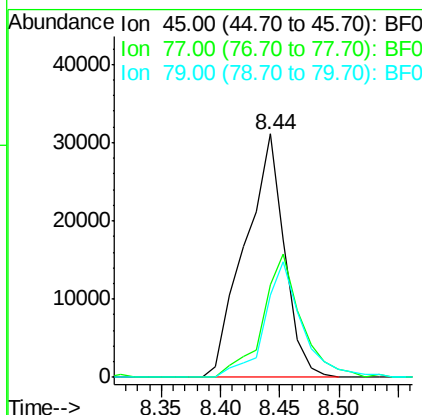
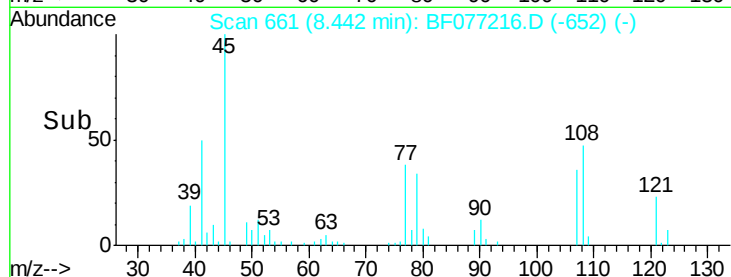
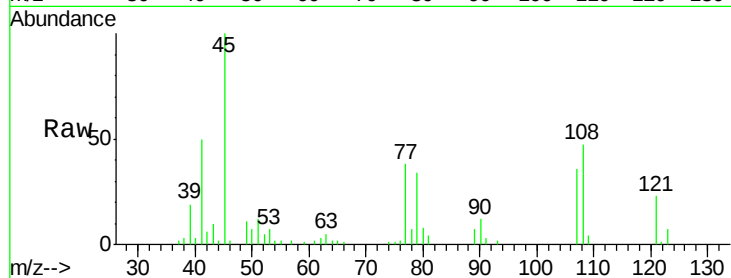
#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.25 ng
RT: 8.44 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion: 45 Resp: 71826
Ion Ratio Lower Upper
45 100
77 38.1 36.1 76.1
79 33.8 30.5 70.5

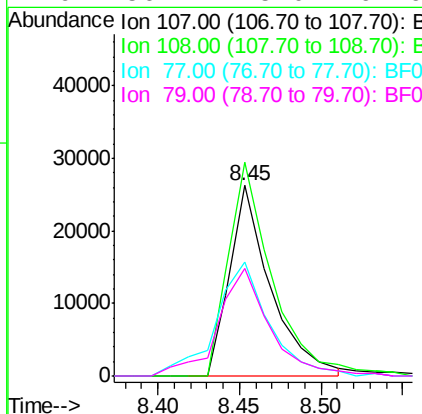
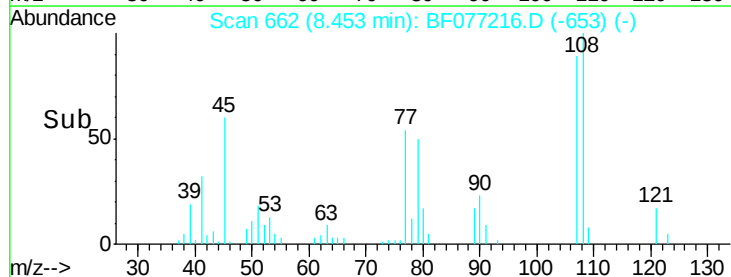
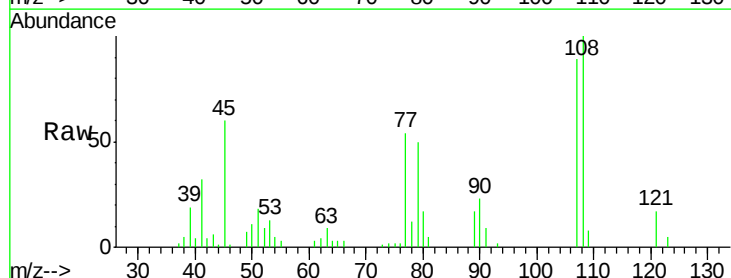
Manual Integrations
APPROVED

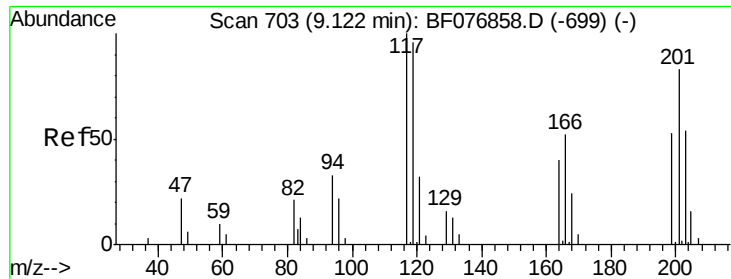
apatel
2/9/2015 1:36:07 PM



#17
2-Methylphenol
Concen: 31.76 ng
RT: 8.45 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion: 107 Resp: 45886
Ion Ratio Lower Upper
107 100
108 112.2 89.7 134.5
77 60.1 50.1 75.1
79 56.2 45.0 67.6





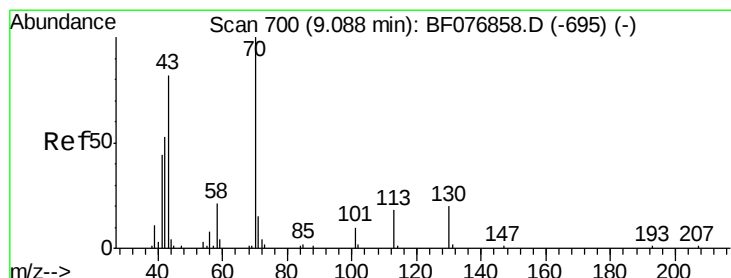
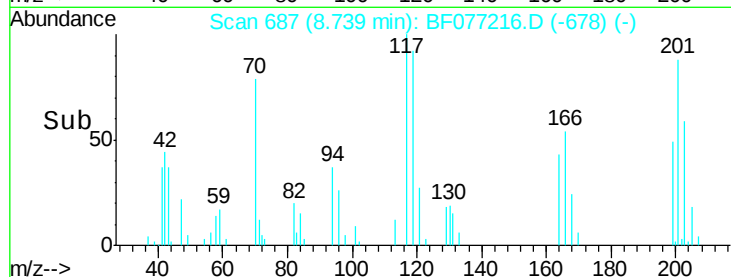
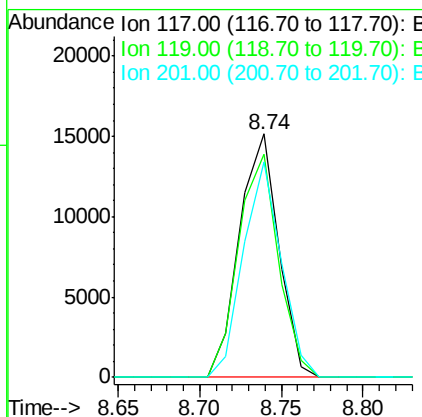
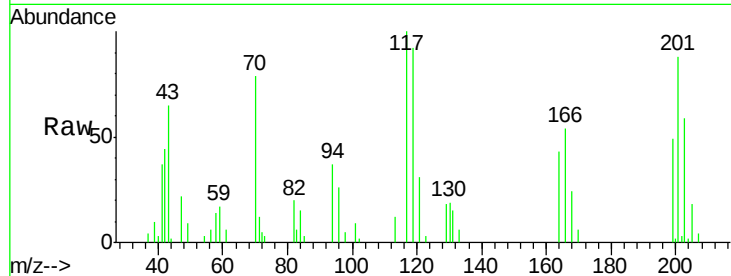
#18
Hexachloroethane
Concen: 33.97 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	25196		
119	91.7	77.1	115.7	
201	91.7	66.8	100.2	

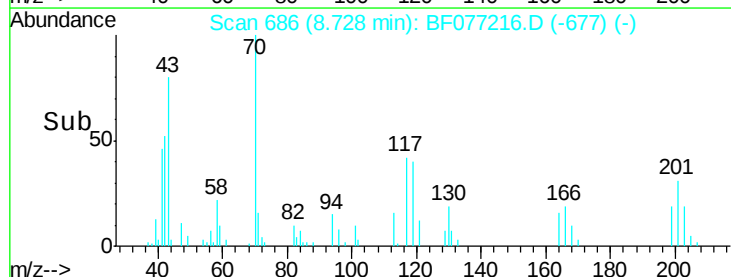
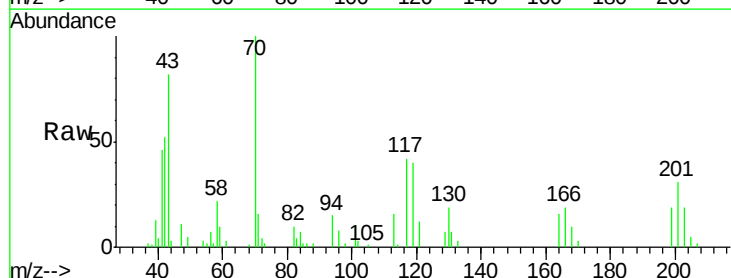
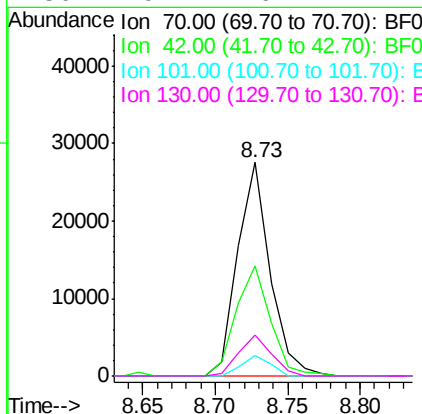
Manual Integrations
APPROVED

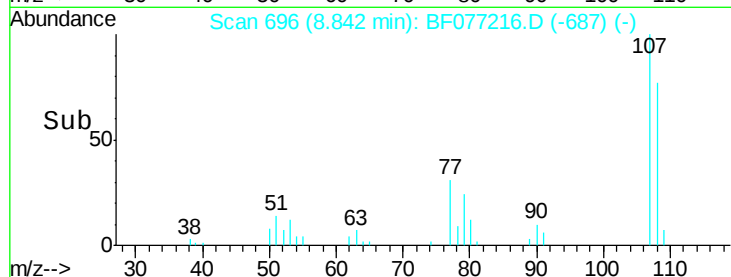
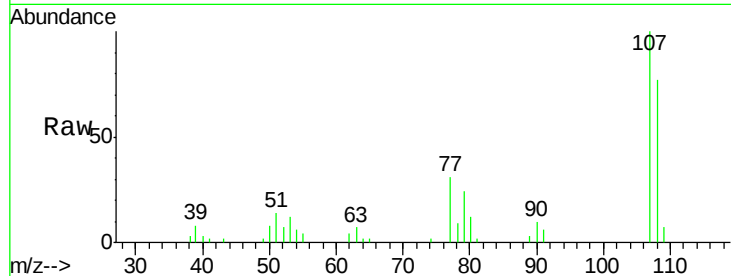
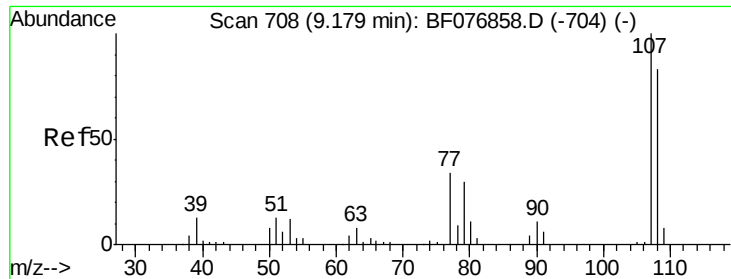
apatel
2/9/2015 1:36:07 PM



#19
n-Nitroso-di-n-propylamine
Concen: 31.71 ng
RT: 8.73 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

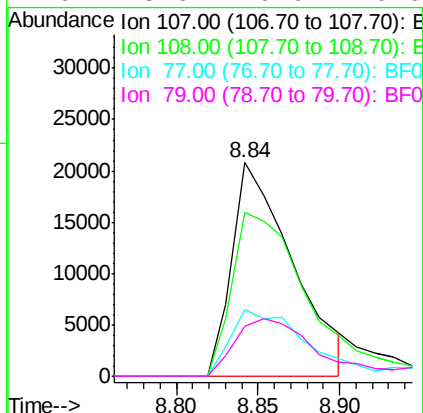
Tgt Ion	Ratio	Resp	Lower	Upper
70	100	42936		
42	51.8	42.1	63.1	
101	9.8	7.8	11.8	
130	19.4	16.2	24.4	





#20
3+4-Methylphenols
Concen: 28.02 ng
RT: 8.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

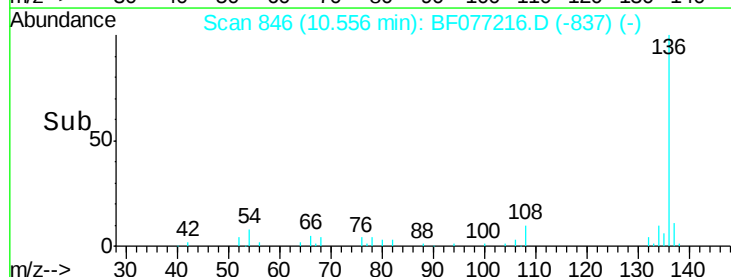
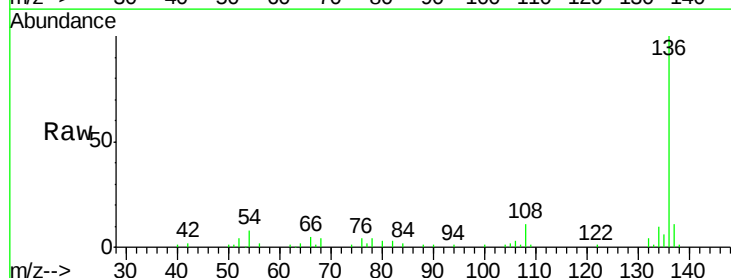
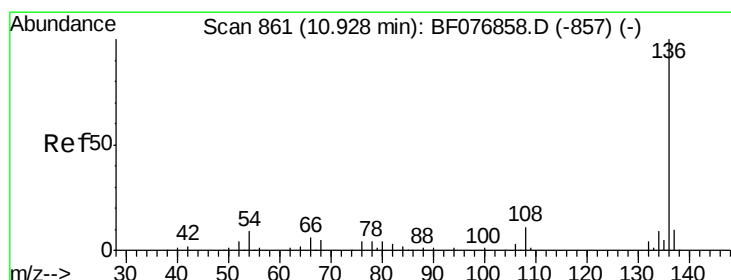
Tgt Ion	Ratio	Lower	Upper
107	100		
108	77.0	63.5	103.5
77	31.4	14.0	54.0
79	23.6	9.9	49.9



Instrument :
BNA_F
ClientSampleId :
PB81602BS

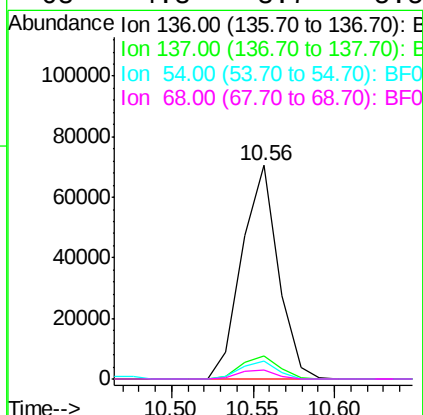
Manual Integrations
APPROVED

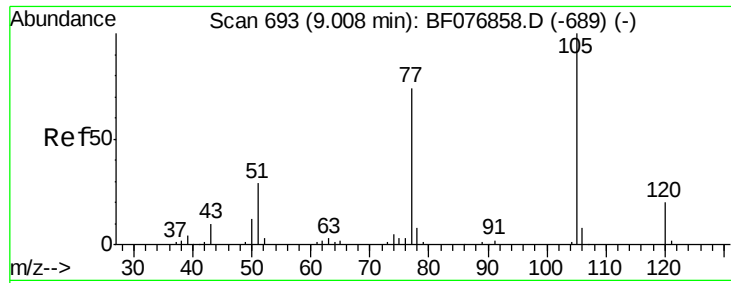
apatel
2/9/2015 1:36:07 PM



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.1	12.1
54	8.3	7.0	10.4
68	4.3	3.7	5.5





#22

Acetophenone

Concen: 32.74 ng

RT: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF077216.D

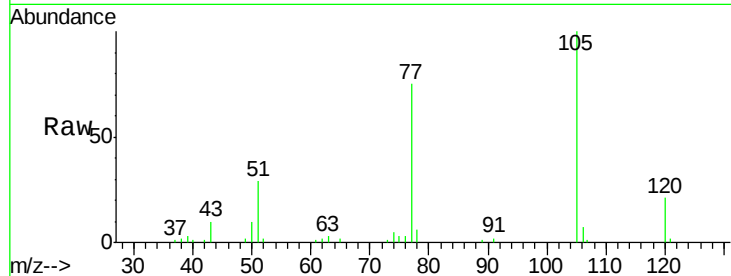
Acq: 6 Feb 2015 23:12

Instrument :

BNA_F

ClientSampleId :

PB81602BS



Tgt Ion: 105 Resp: 86913

Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 28.8 23.3 34.9

120 21.0 16.1 24.1

Manual Integrations
APPROVED

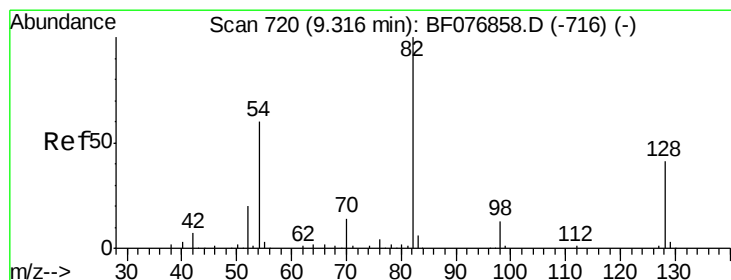
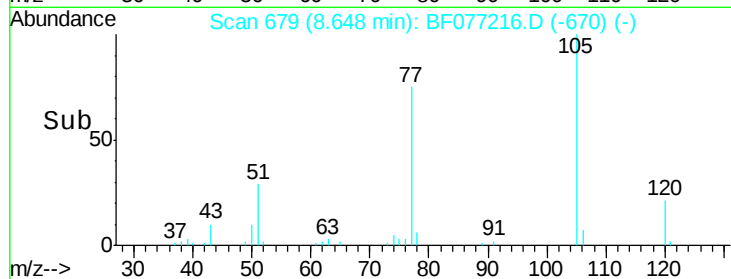
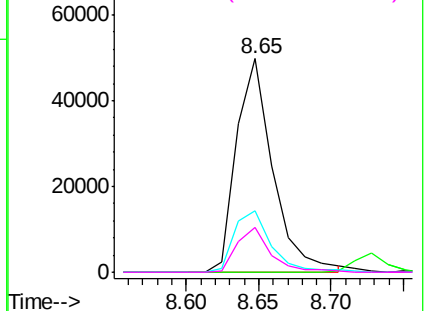
apatel
2/9/2015 1:36:07 PM

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 67.67 ng

RT: 8.96 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

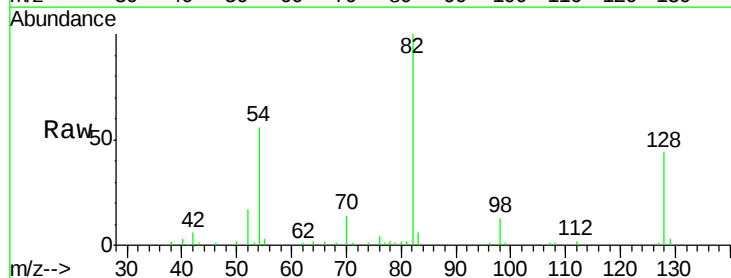
Tgt Ion: 82 Resp: 132405

Ion Ratio Lower Upper

82 100

128 43.6 33.1 49.7

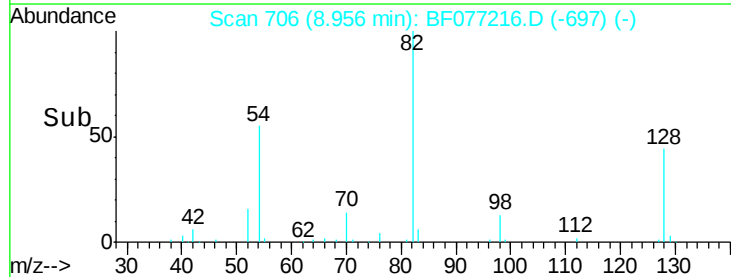
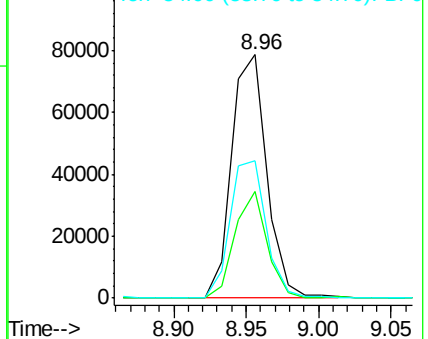
54 56.3 48.3 72.5

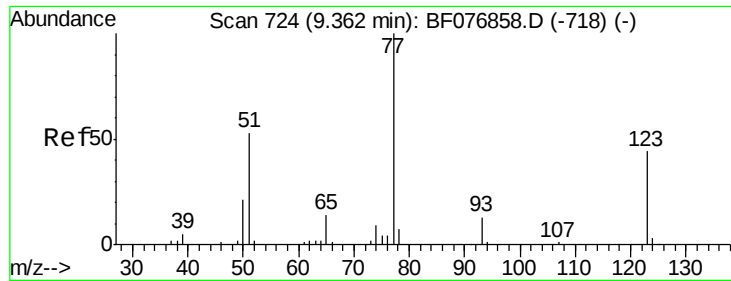


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 30.34 ng

RT: 8.99 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

Instrument :

BNA_F

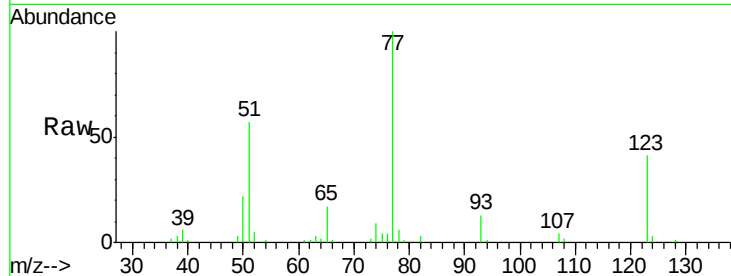
ClientSampleId :

PB81602BS

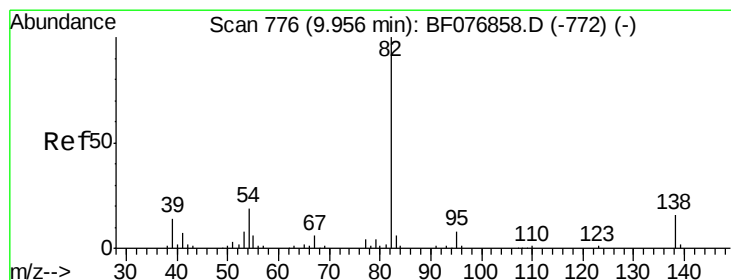
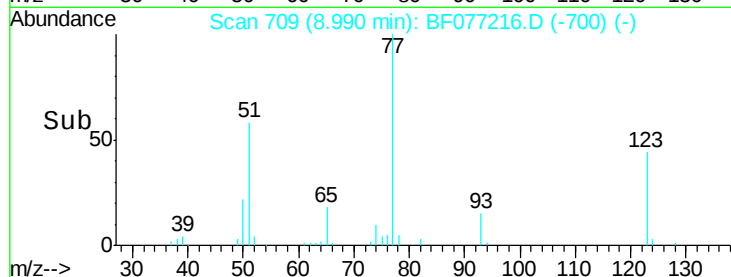
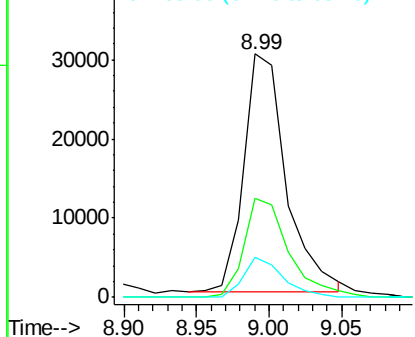
Tgt Ion:	77	Resp:	60479
Ion	Ratio	Lower	Upper
77	100		
123	40.6	35.2	52.8
65	16.6	11.4	17.2

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



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



#25

Isophorone

Concen: 32.43 ng

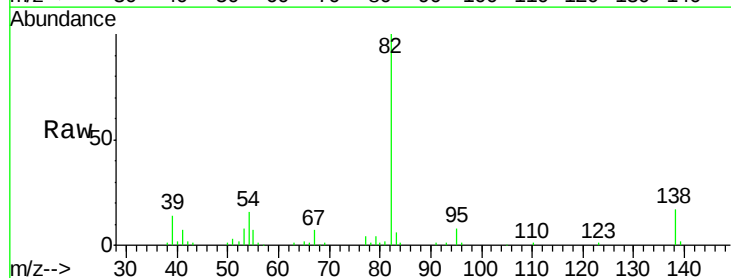
RT: 9.60 min Scan# 762

Delta R.T. -0.00 min

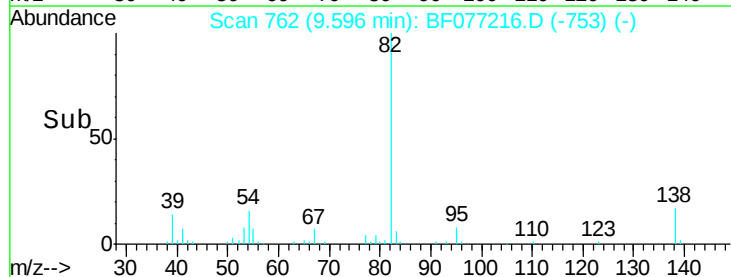
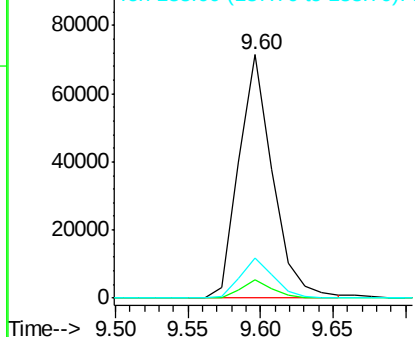
Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

Tgt Ion:	82	Resp:	115565
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.6	10.0
138	16.7	12.6	18.8



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





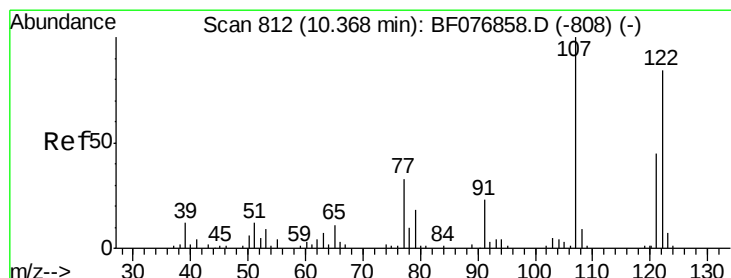
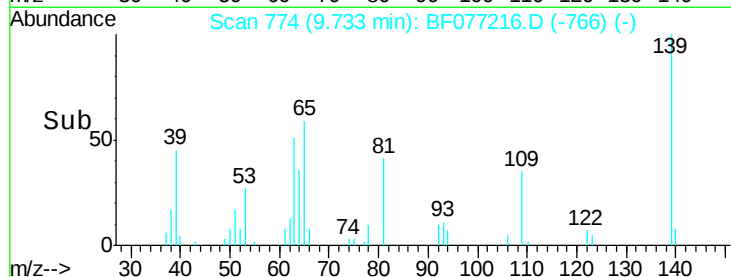
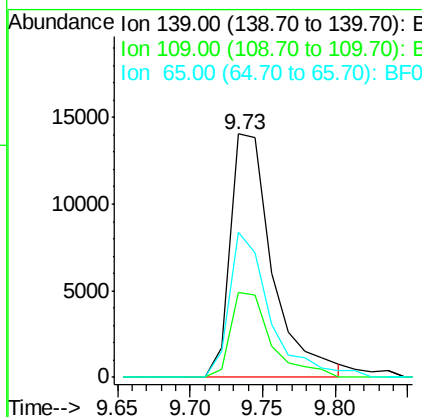
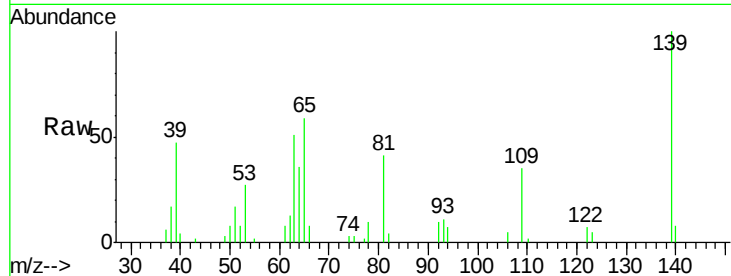
#26
 2-Nitrophenol
 Concen: 28.69 ng
 RT: 9.73 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	28532		
109	34.9	21.3	31.9#	
65	59.4	39.4	59.0#	

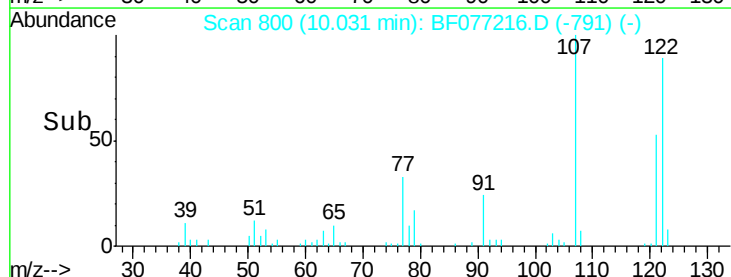
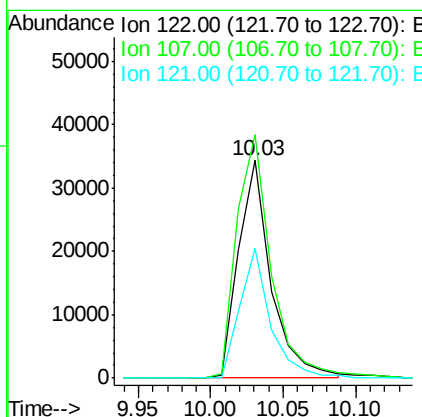
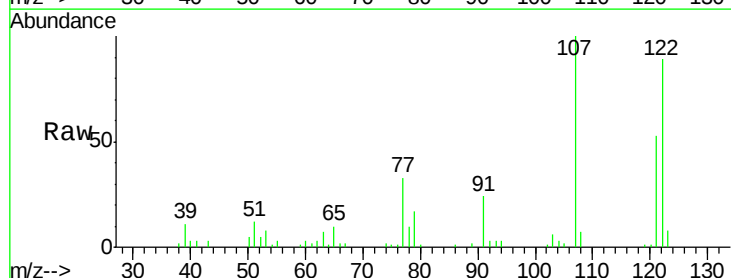
Manual Integrations
 APPROVED

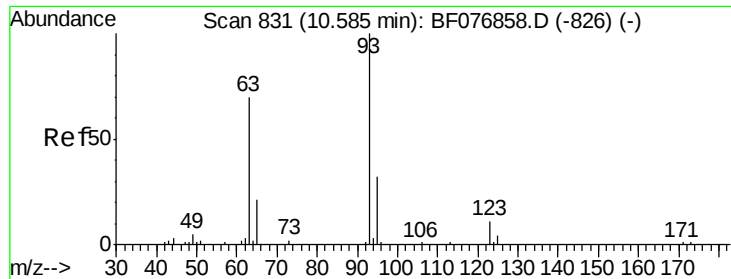
apatel
 2/9/2015 1:36:07 PM



#27
 2,4-Dimethylphenol
 Concen: 34.85 ng
 RT: 10.03 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	53722		
107	112.0	95.2	142.8	
121	59.5	42.9	64.3	





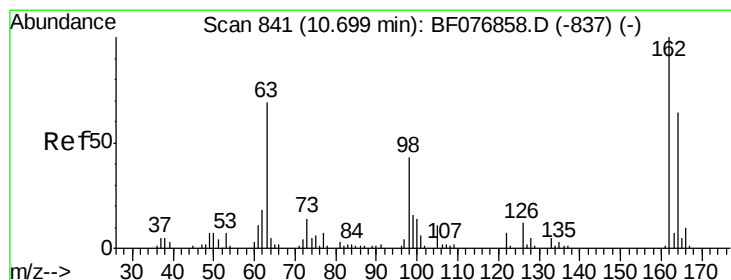
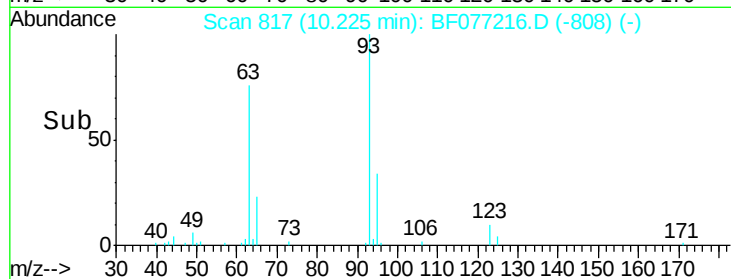
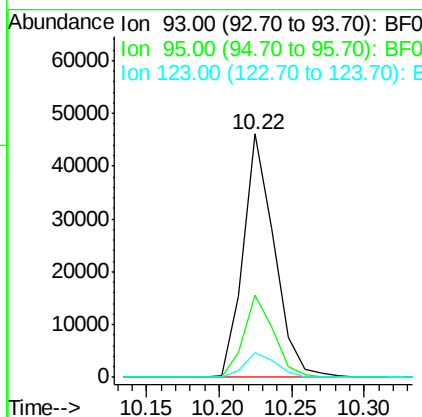
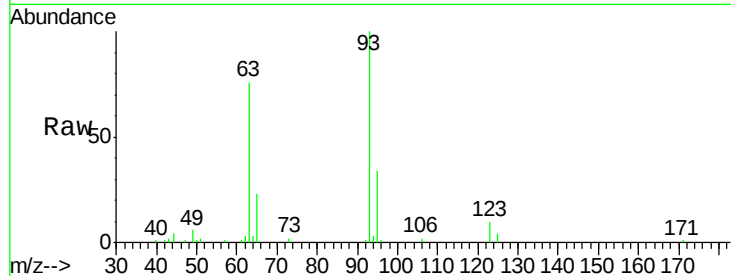
#28
bis(2-Chloroethoxy)methane
Concen: 34.04 ng
RT: 10.22 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.6	38.4
123	10.0	8.9	13.3

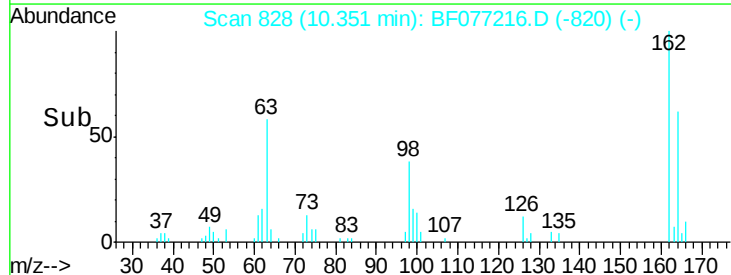
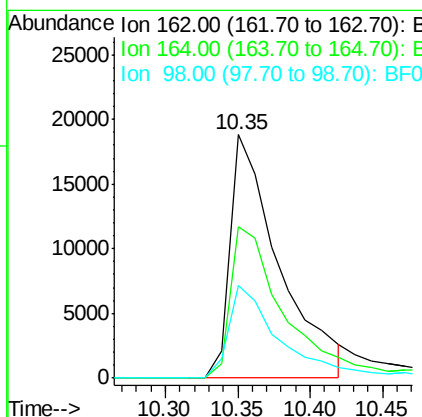
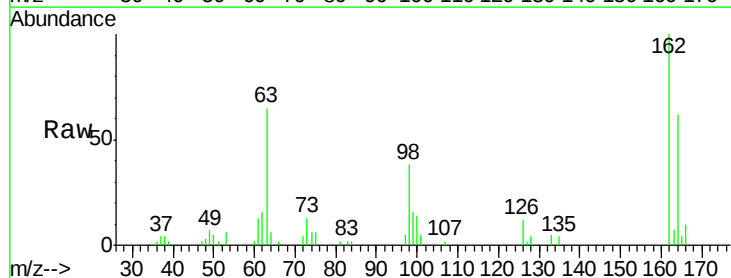
Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



#29
2,4-Dichlorophenol
Concen: 30.79 ng
RT: 10.35 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	43.8	83.8
98	38.1	22.5	62.5





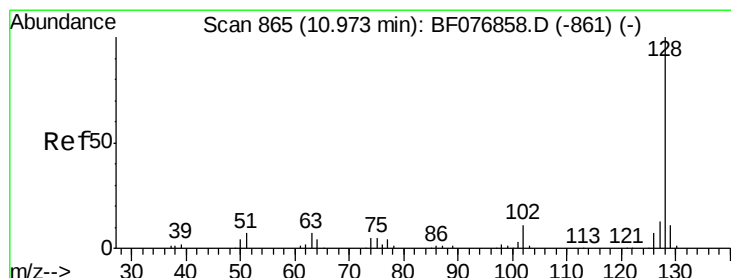
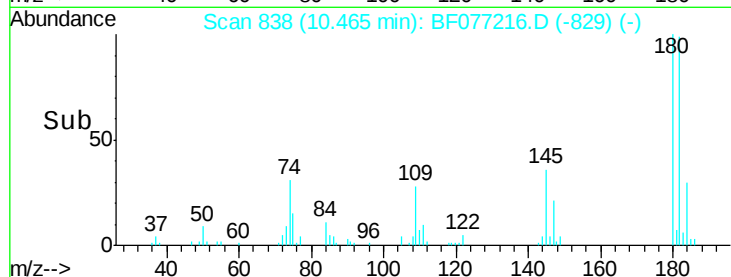
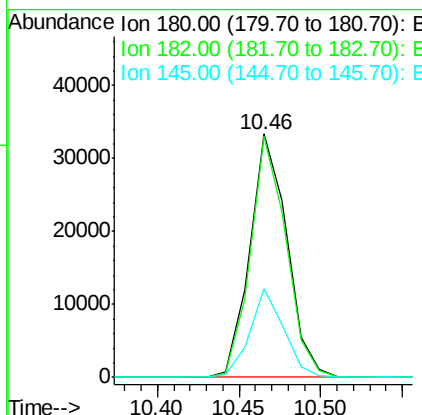
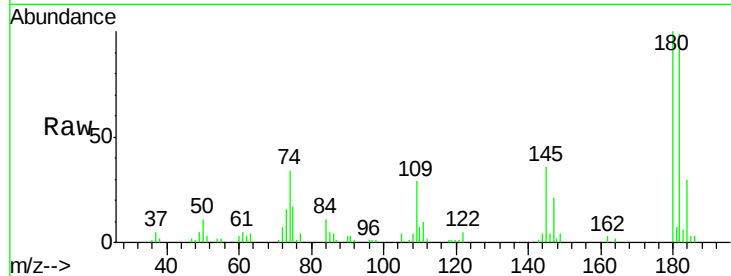
#30
 1,2,4-Trichlorobenzene
 Concen: 33.23 ng
 RT: 10.46 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	73.6	110.4
145	36.2	26.6	39.8

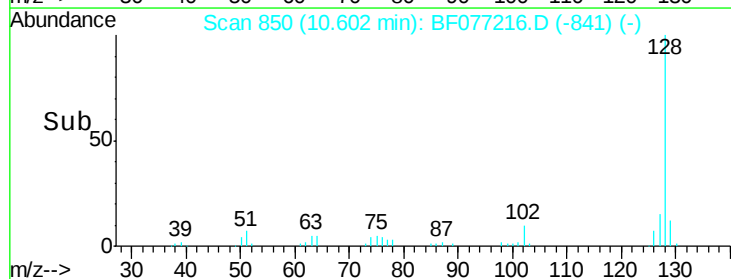
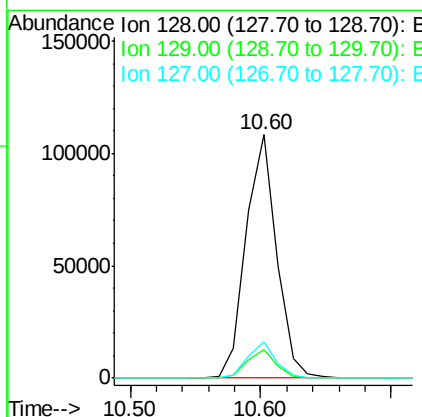
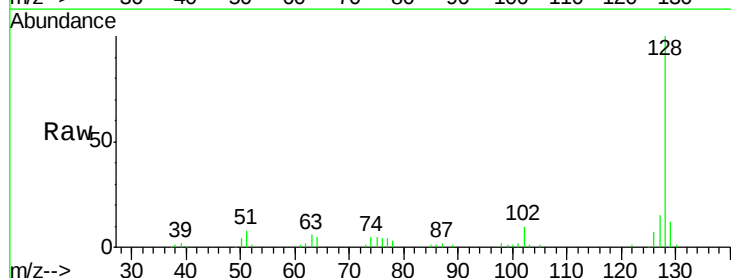
Manual Integrations
 APPROVED

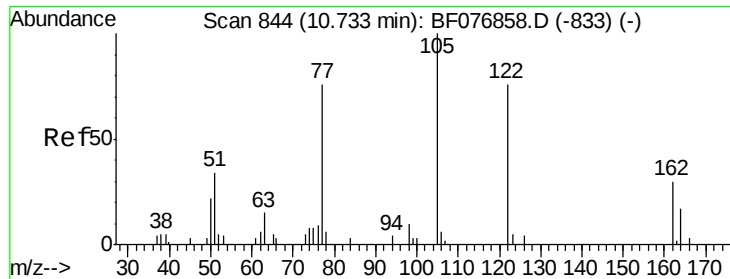
apatel
 2/9/2015 1:36:07 PM



#31
 Naphthalene
 Concen: 31.66 ng
 RT: 10.60 min Scan# 850
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.8	10.2	15.2





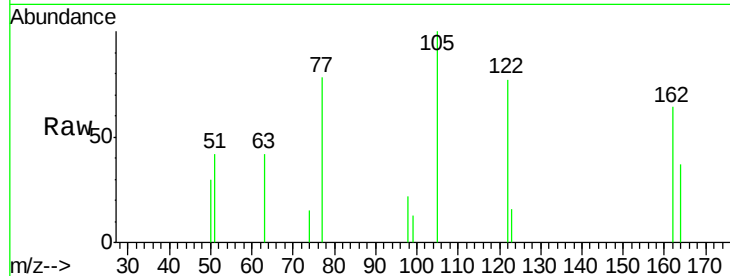
#32
Benzoic acid
Concen: 11.65 ng m
RT: 10.43 min Scan# 835
Delta R.T. -0.05 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

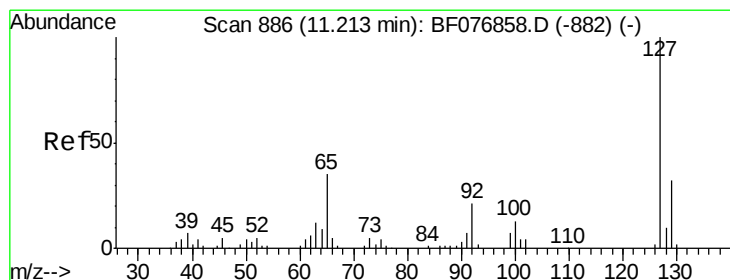
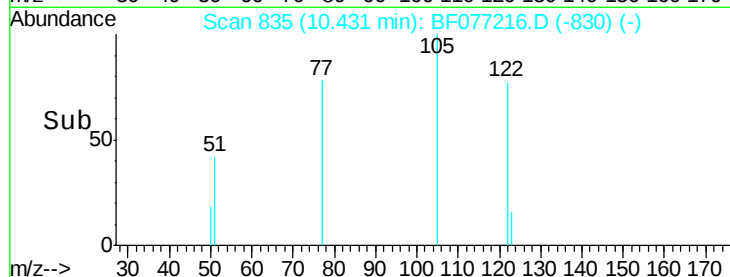
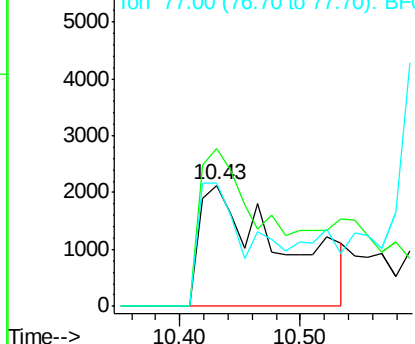
Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.1	111.3	151.3
77	101.7	79.2	119.2

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



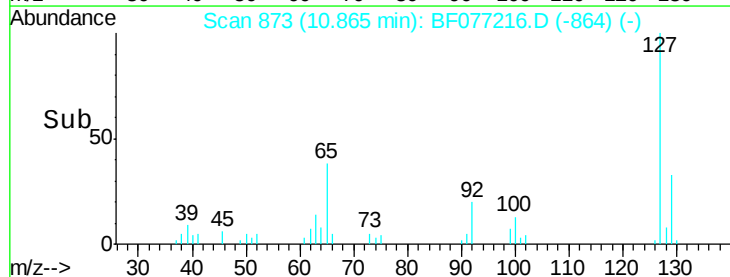
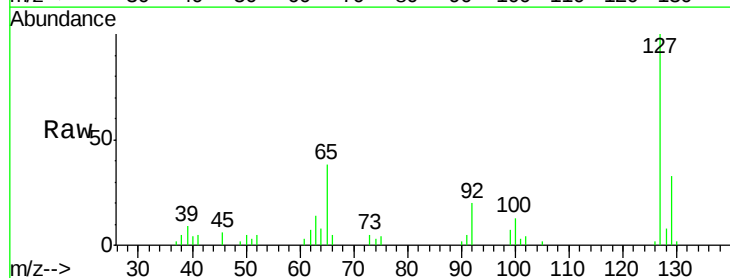
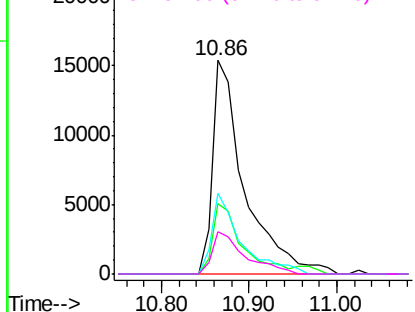
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

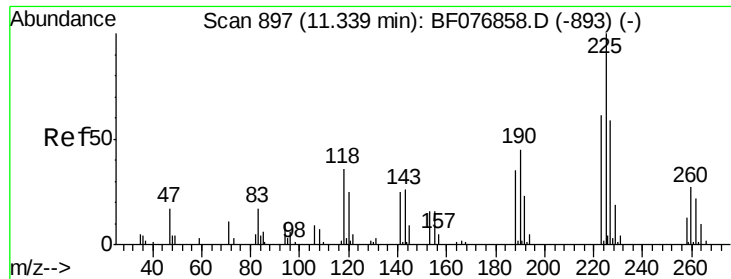


#33
4-Chloroaniline
Concen: 17.39 ng m
RT: 10.86 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.3	37.9
65	38.0	27.8	41.6
92	19.6	16.5	24.7

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





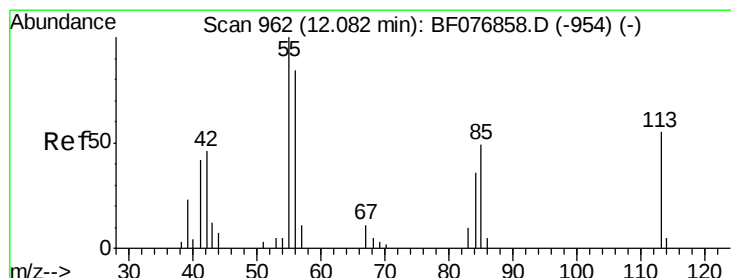
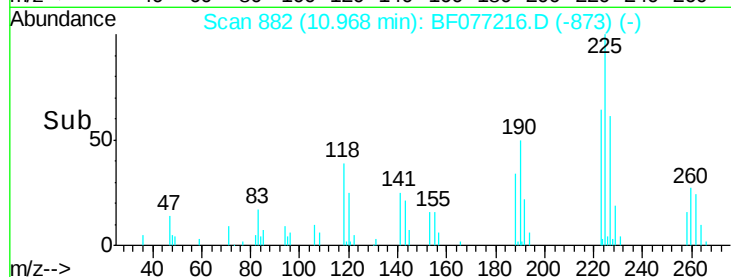
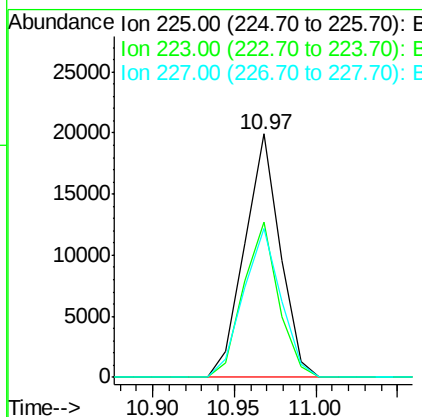
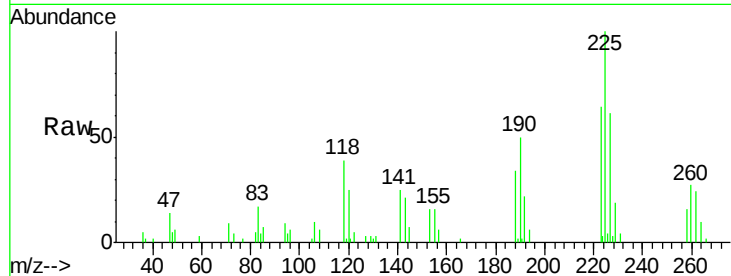
#34
Hexachlorobutadiene
Concen: 31.74 ng
RT: 10.97 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.1	73.7
227	61.0	47.5	71.3

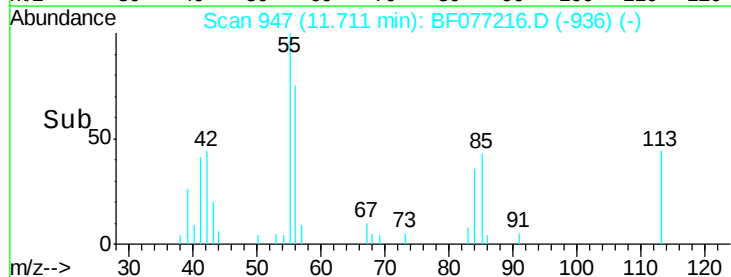
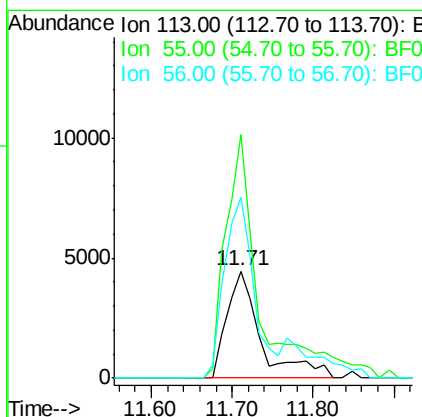
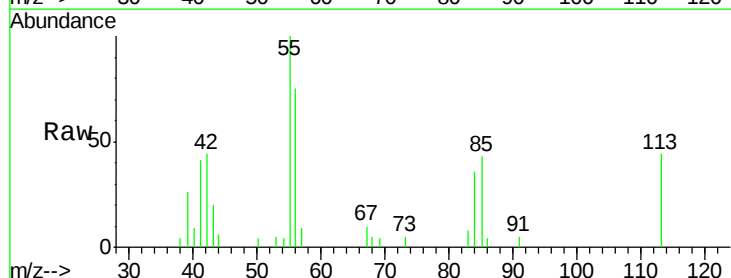
Manual Integrations
APPROVED

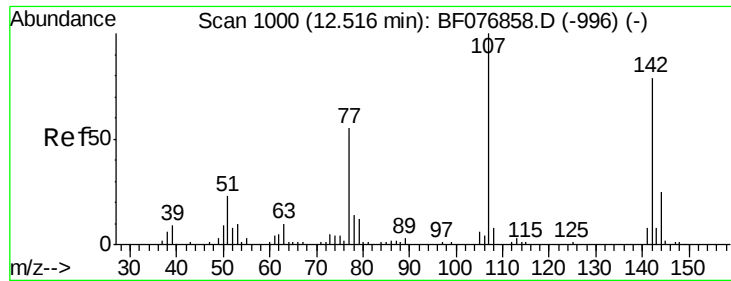
apatel
2/9/2015 1:36:07 PM



#35
Caprolactam
Concen: 30.54 ng m
RT: 11.71 min Scan# 947
Delta R.T. 0.02 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

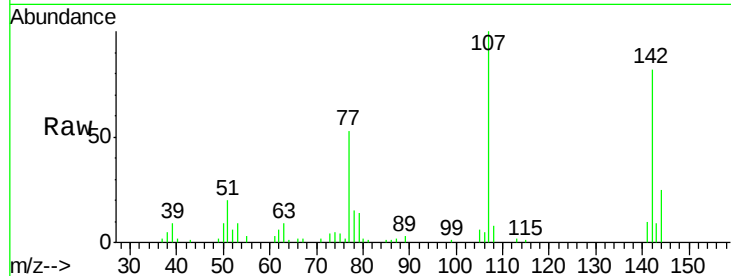
Tgt Ion	Ratio	Lower	Upper
113	100		
55	228.2	162.1	202.1#
56	170.2	133.7	173.7





#36
 4-Chloro-3-methylphenol
 Concen: 31.68 ng
 RT: 12.18 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

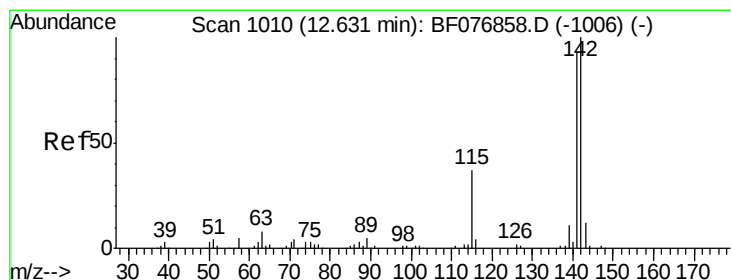
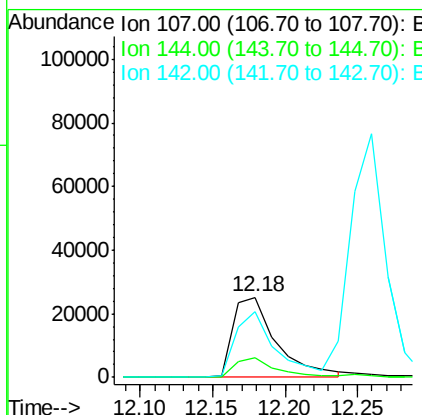
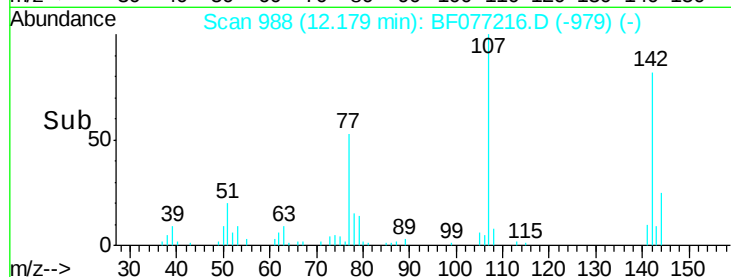
Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS



Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	20.0	30.0
142	82.0	63.5	95.3

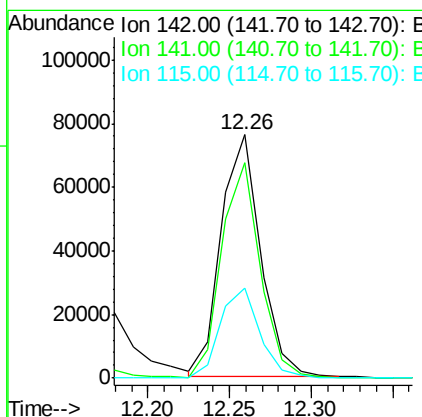
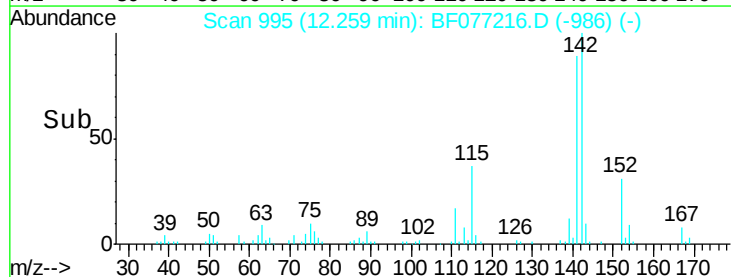
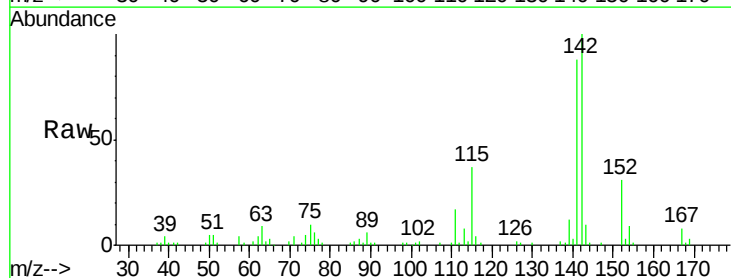
Manual Integrations
 APPROVED

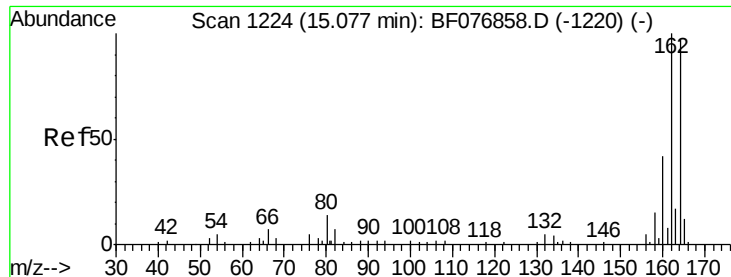
apatel
 2/9/2015 1:36:07 PM



#37
 2-Methylnaphthalene
 Concen: 33.39 ng
 RT: 12.26 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	74.5	111.7
115	36.9	29.7	44.5





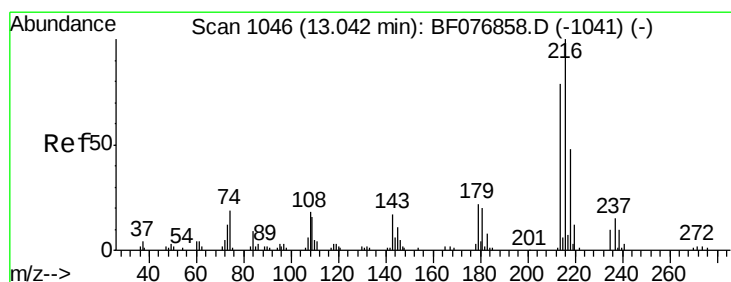
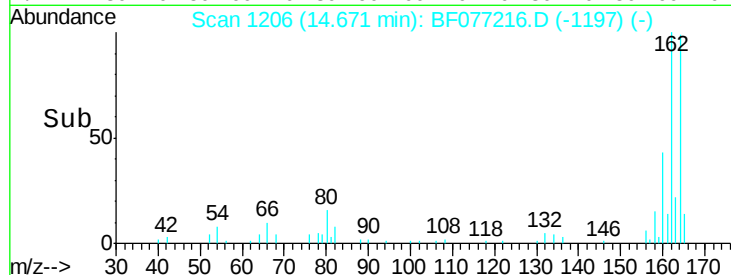
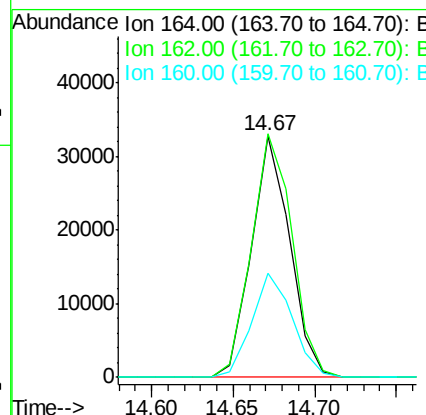
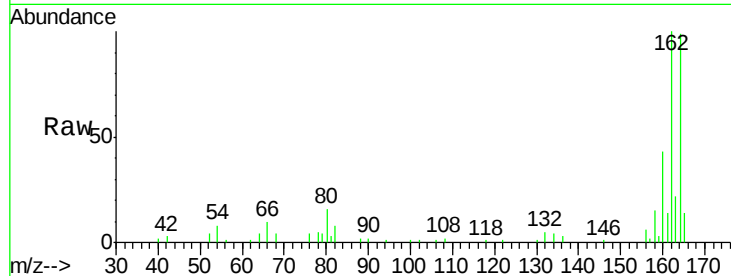
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.67 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	53639		
162	101.0	82.4	123.6	
160	43.3	34.8	52.2	

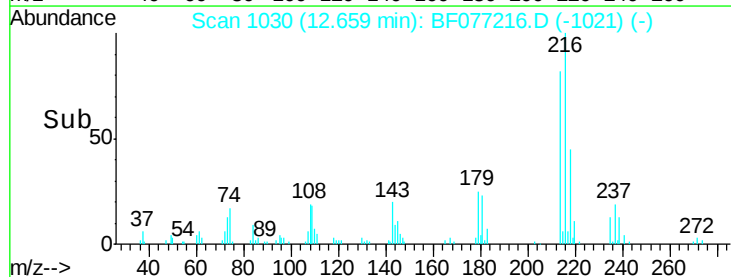
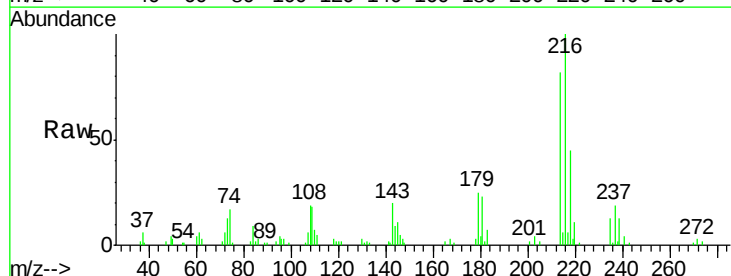
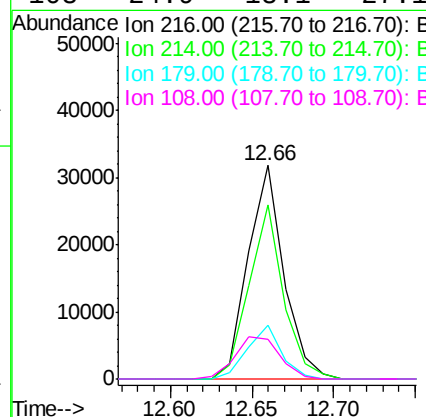
Manual Integrations
 APPROVED

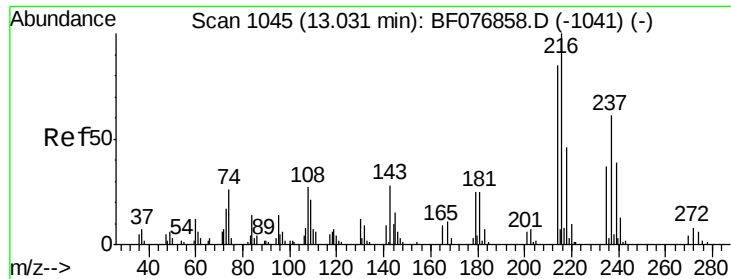
apatel
 2/9/2015 1:36:07 PM



#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.49 ng
 RT: 12.66 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	48391		
214	78.5	64.9	97.3	
179	24.4	18.6	28.0	
108	24.9	18.1	27.1	





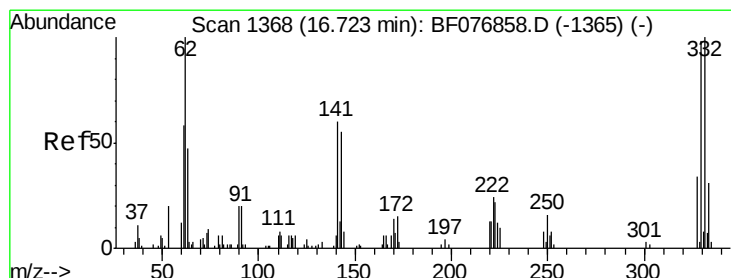
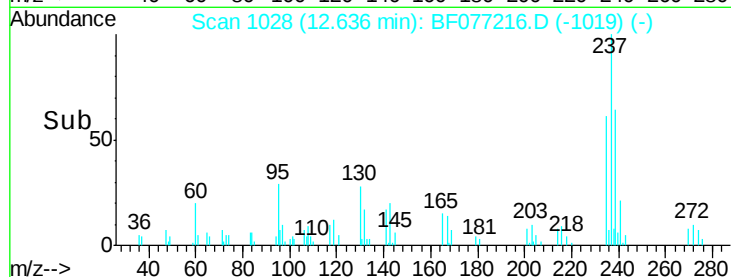
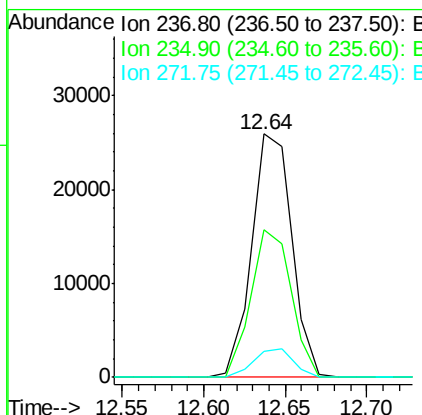
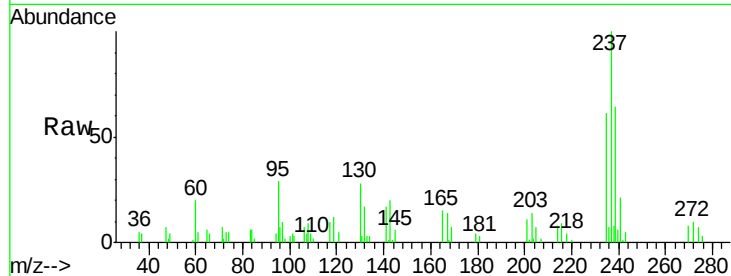
#40
Hexachlorocyclopentadiene
Concen: 63.16 ng
RT: 12.64 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion:	237	Resp:	44359
Ion Ratio	Lower	Upper	
237	100		
235	60.8	40.4	80.4
272	10.5	0.0	33.2

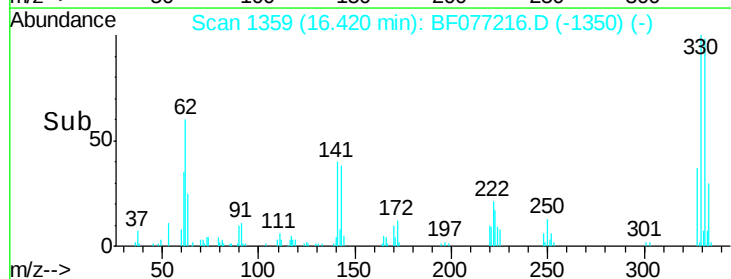
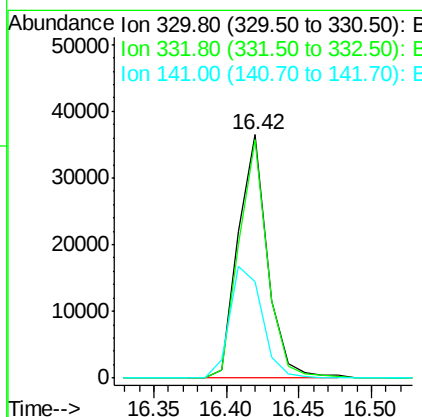
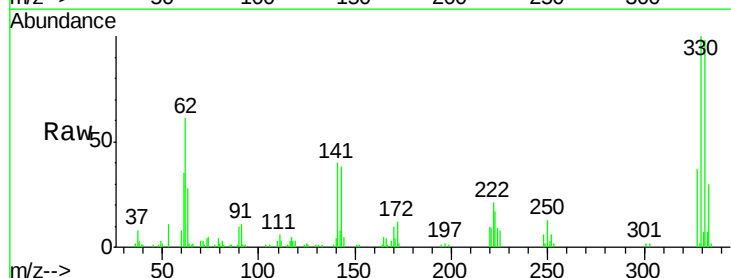
Manual Integrations
APPROVED

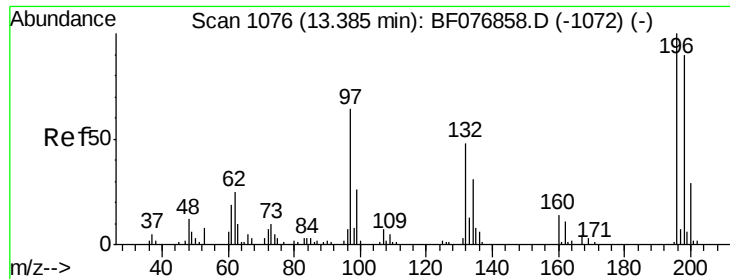
apatel
2/9/2015 1:36:07 PM



#41
2,4,6-Tribromophenol
Concen: 118.29 ng
RT: 16.42 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion:	330	Resp:	51503
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.8	116.6
141	50.9	38.5	57.7





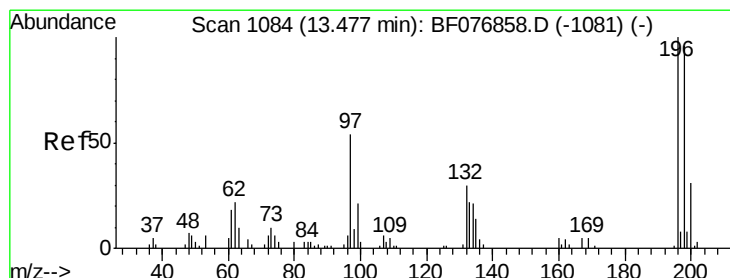
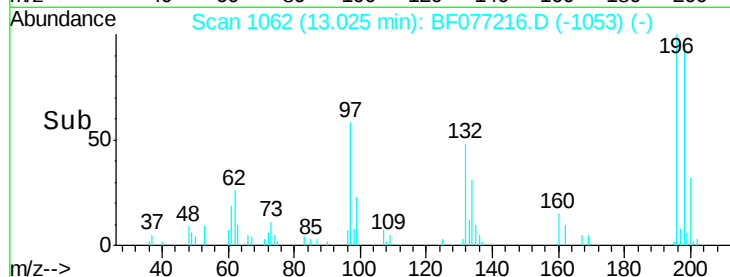
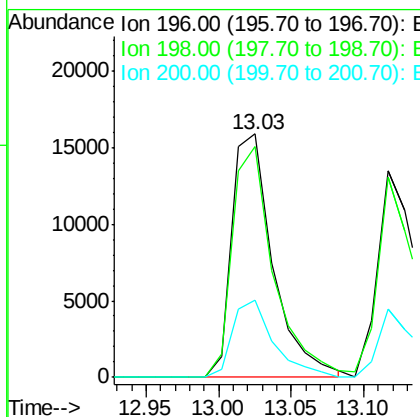
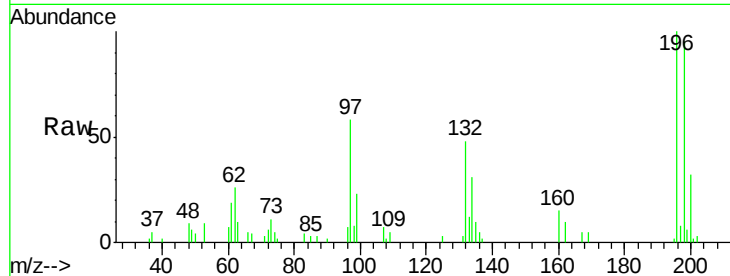
#42
 2,4,6-Trichlorophenol
 Concen: 32.53 ng
 RT: 13.03 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	31435		
198	94.7	72.0	108.0	
200	31.6	23.4	35.2	

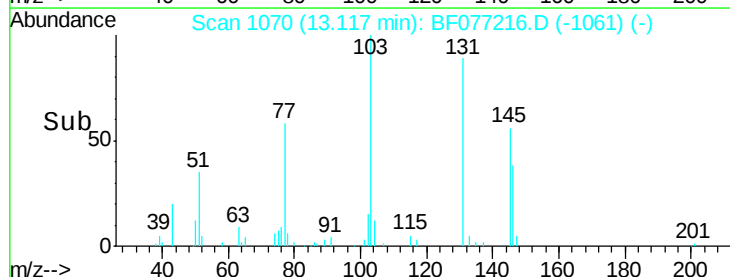
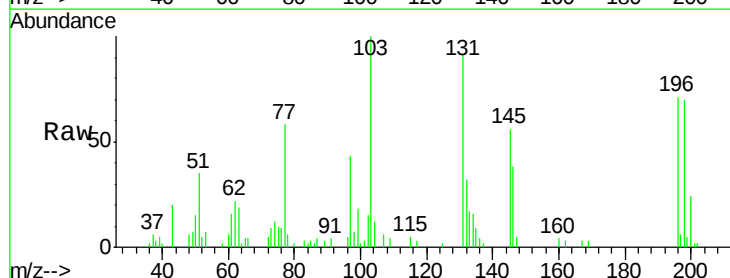
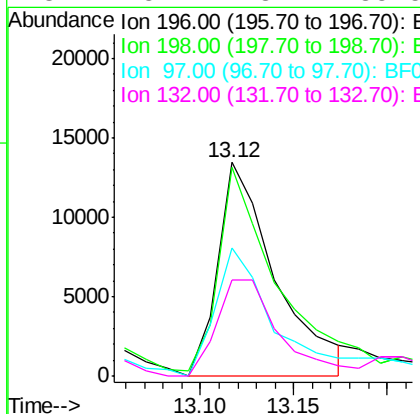
Manual Integrations
 APPROVED

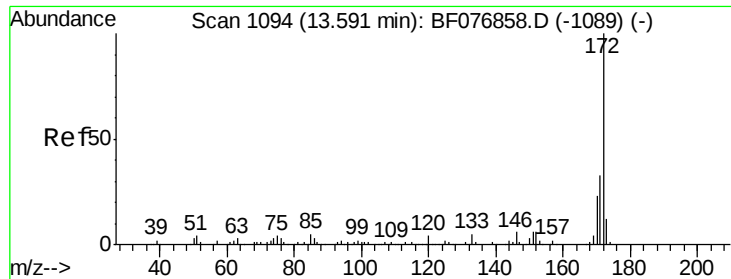
apatel
 2/9/2015 1:36:07 PM



#43
 2,4,5-Trichlorophenol
 Concen: 29.54 ng
 RT: 13.12 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	29109		
198	97.4	76.6	115.0	
97	59.7	43.4	65.0	
132	45.1	23.7	35.5#	





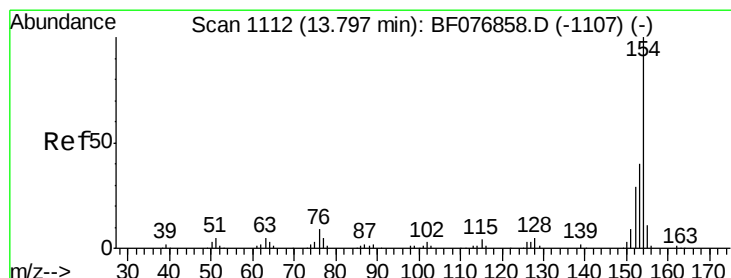
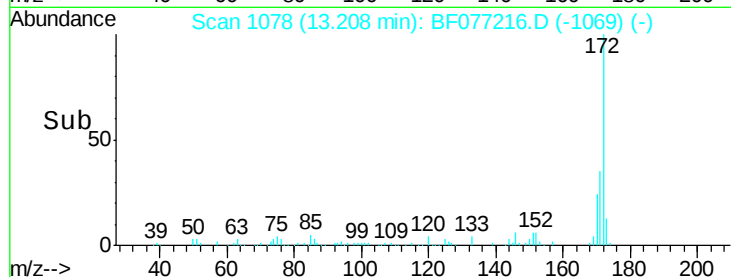
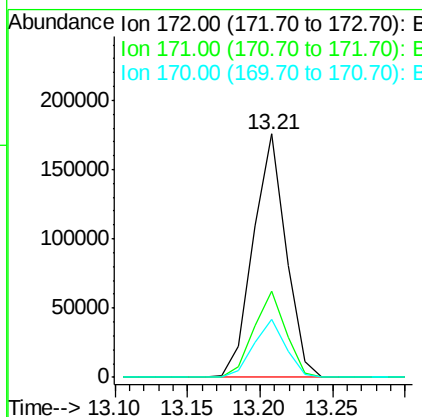
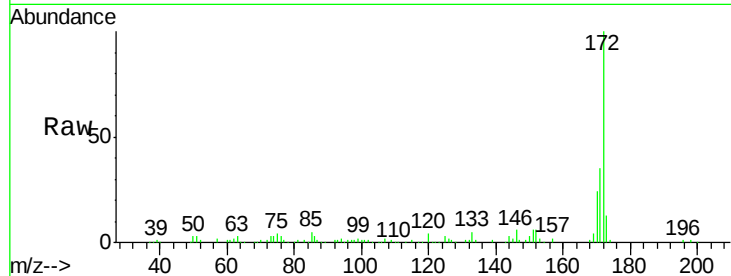
#44
2-Fluorobiphenyl
Concen: 77.88 ng
RT: 13.21 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.2	26.6	40.0
170	23.6	18.0	27.0

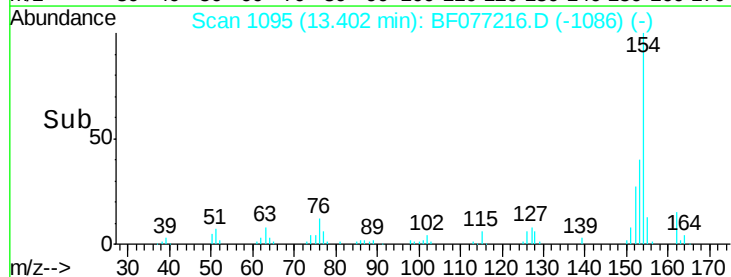
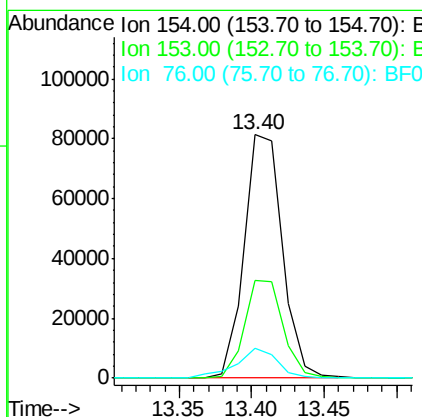
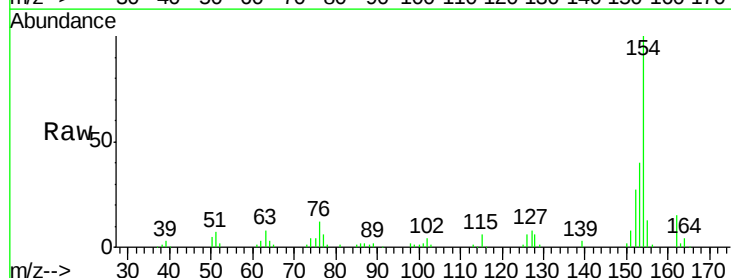
Manual Integrations
APPROVED

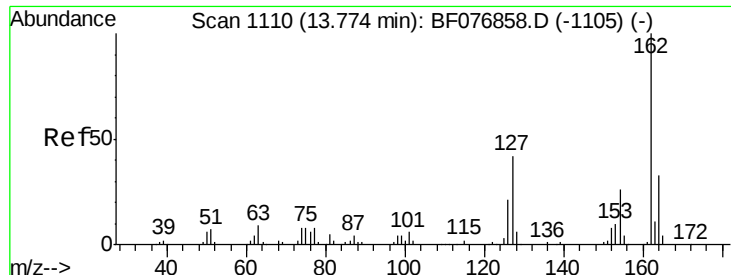
apatel
2/9/2015 1:36:07 PM



#45
1,1'-Biphenyl
Concen: 37.26 ng
RT: 13.40 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.0	20.2	60.2
76	12.0	0.0	29.0





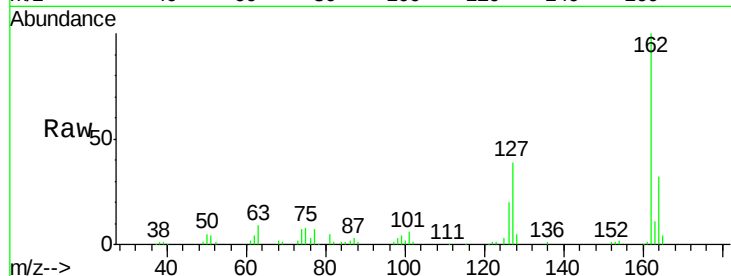
#46
2-Chloronaphthalene
Concen: 36.58 ng
RT: 13.38 min Scan# 1093
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

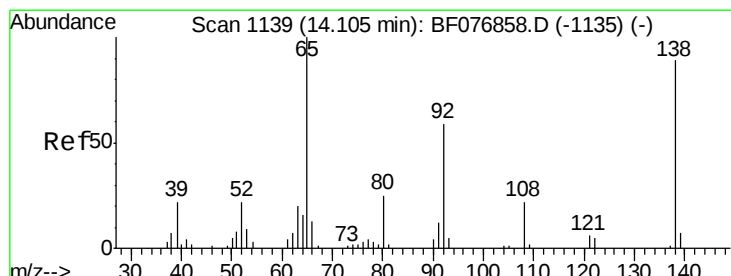
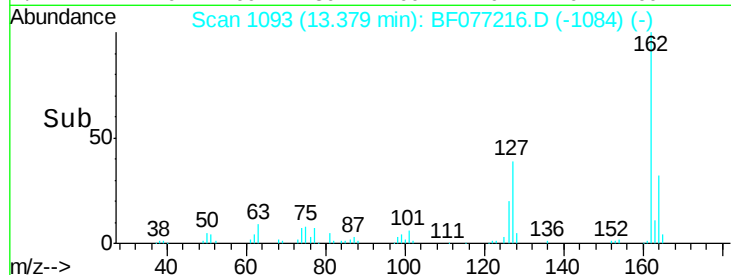
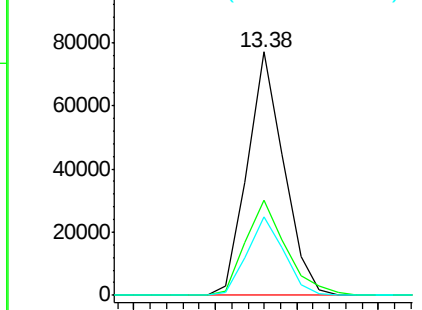
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	33.8	50.6
164	32.3	26.8	40.2

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM

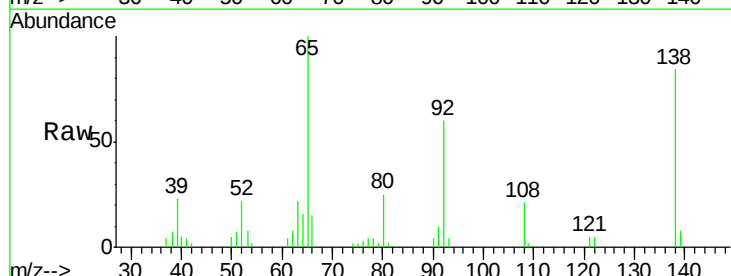


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

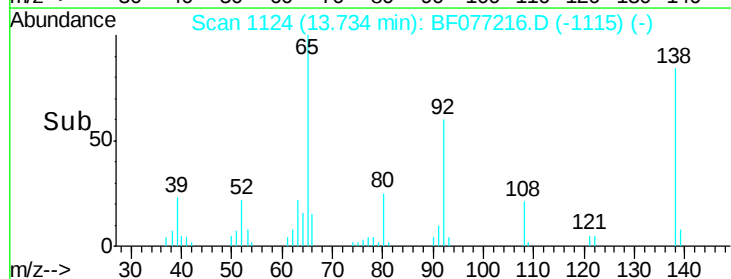
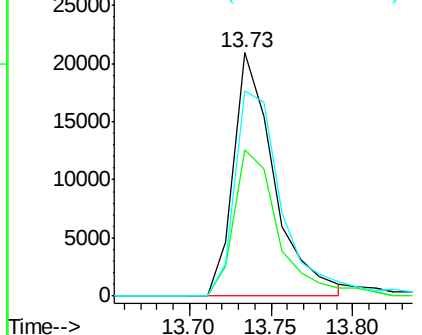


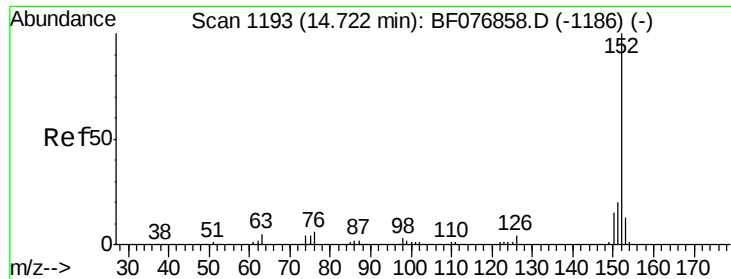
#47
2-Nitroaniline
Concen: 36.55 ng
RT: 13.73 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.9	47.3	70.9
138	84.4	71.4	107.2



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): E





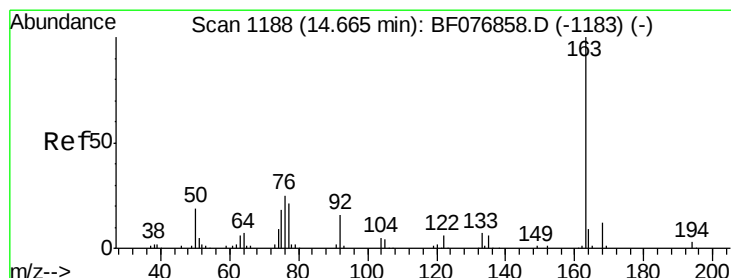
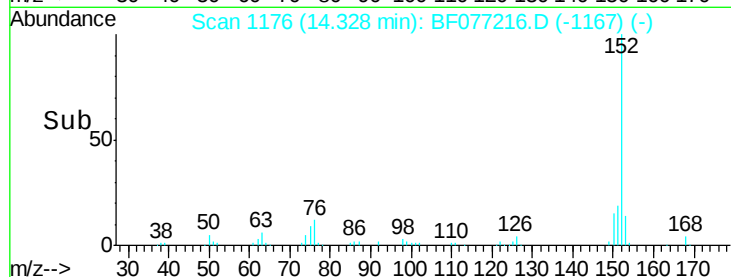
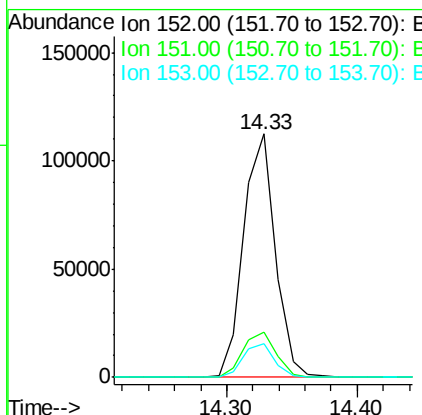
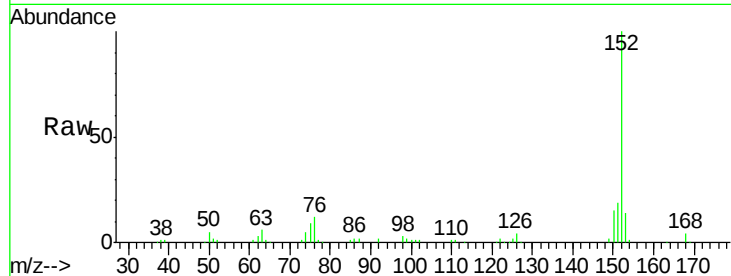
#48
Acenaphthylene
Concen: 34.57 ng
RT: 14.33 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	190829		
151	18.6	15.9	23.9	
153	13.6	10.2	15.4	

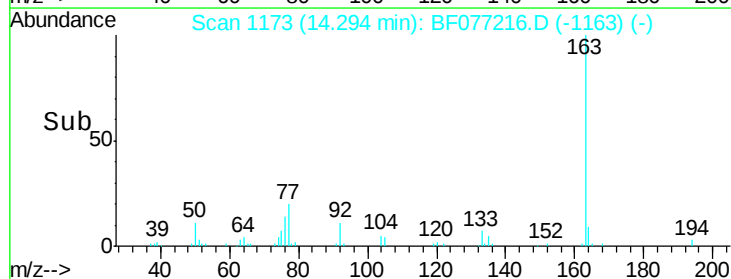
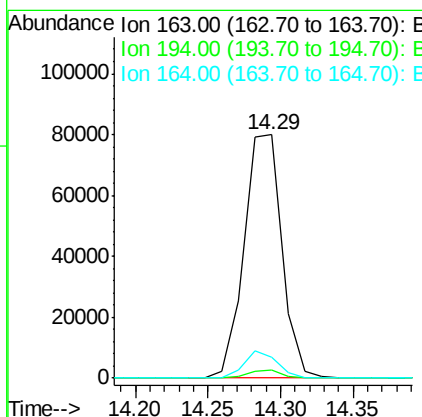
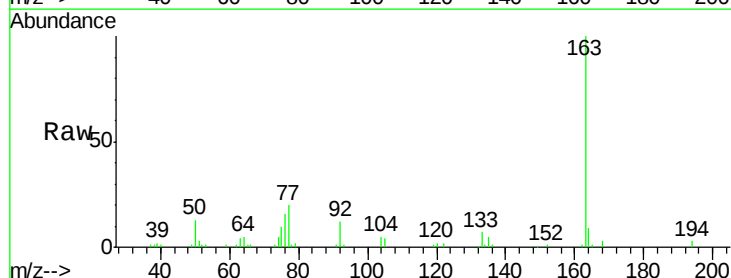
Manual Integrations
APPROVED

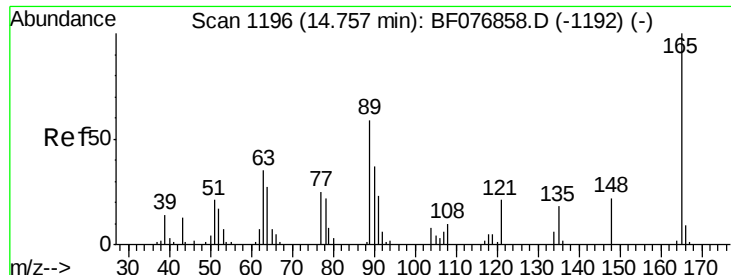
apatel
2/9/2015 1:36:07 PM



#49
Dimethylphthalate
Concen: 38.02 ng
RT: 14.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	144639		
194	3.3	2.6	4.0	
164	8.5	7.5	11.3	





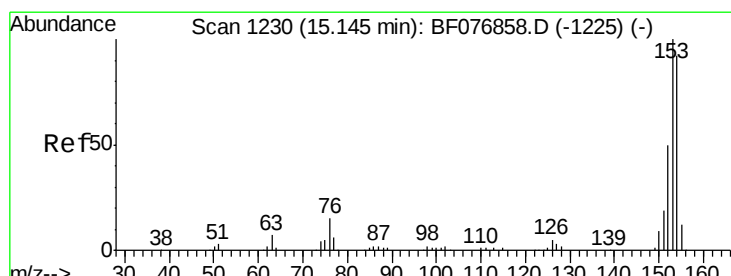
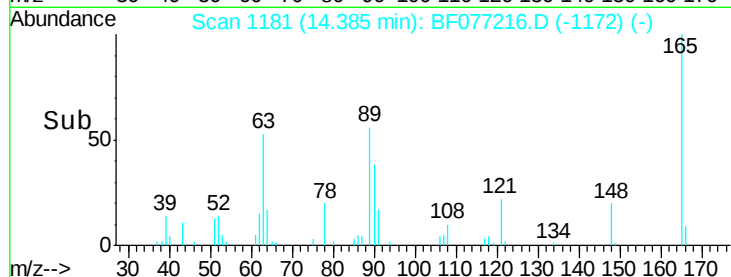
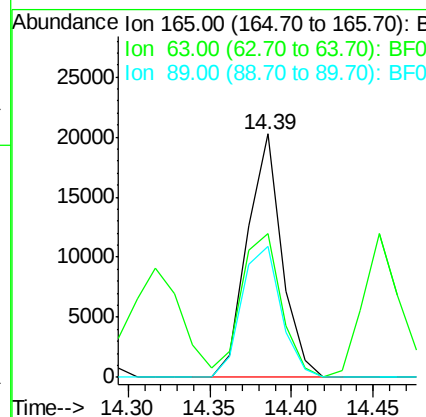
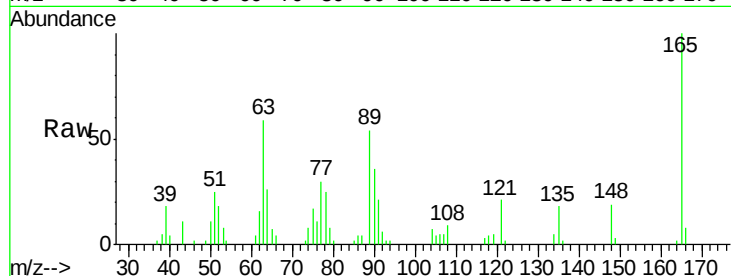
#50
2,6-Dinitrotoluene
Concen: 39.00 ng
RT: 14.39 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	29641		
63	59.1	48.1	72.1	
89	53.6	47.2	70.8	

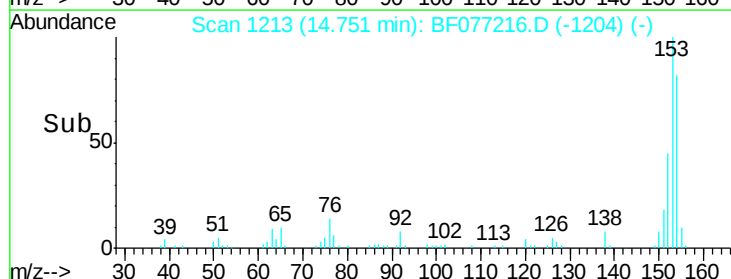
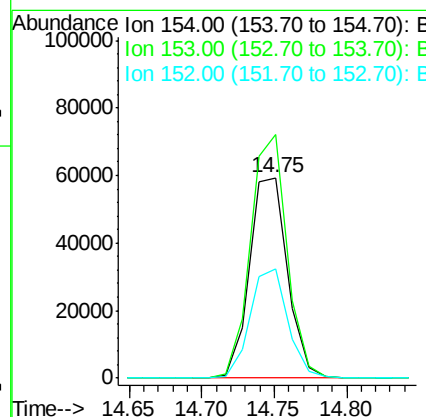
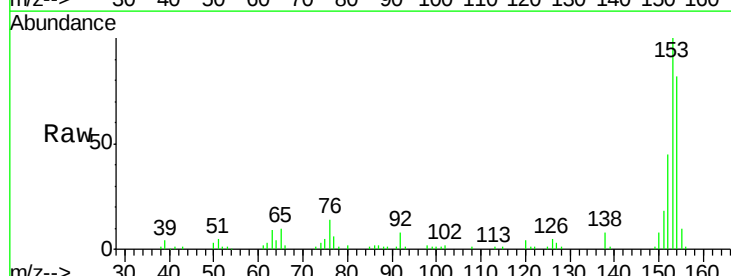
Manual Integrations
APPROVED

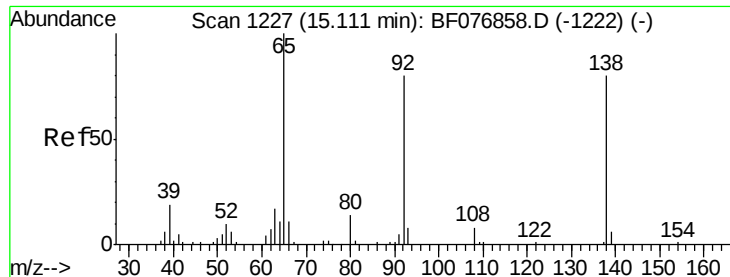
apatel
2/9/2015 1:36:07 PM



#51
Acenaphthene
Concen: 34.48 ng
RT: 14.75 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	107989		
153	121.5	87.0	130.6	
152	54.5	43.5	65.3	





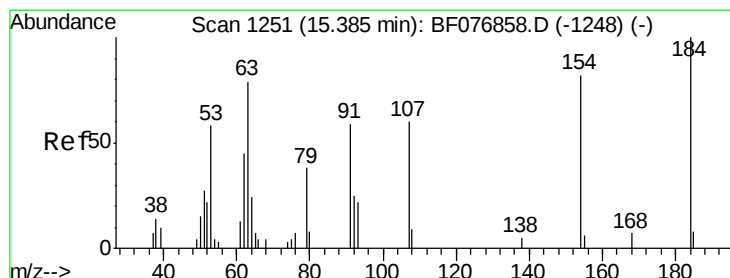
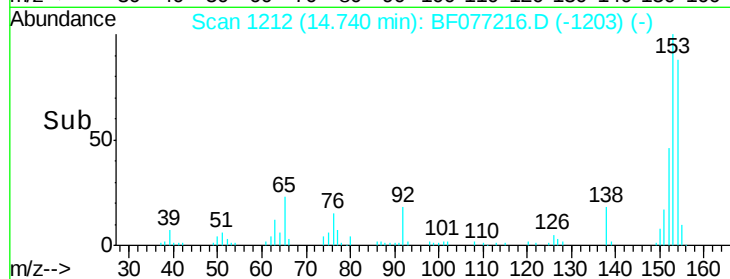
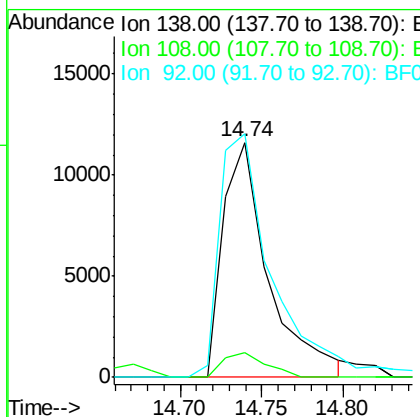
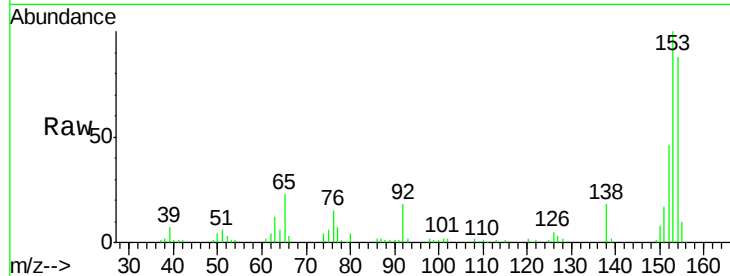
#52
3-Nitroaniline
Concen: 23.53 ng
RT: 14.74 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.3	12.5
92	103.6	80.9	121.3

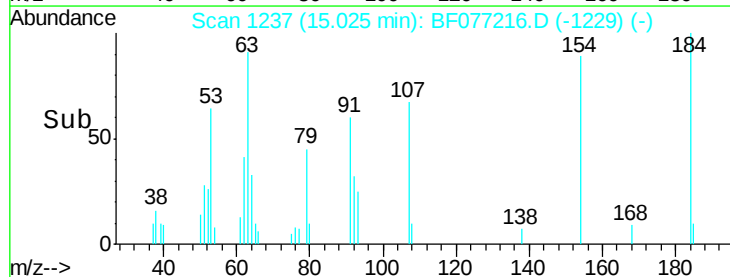
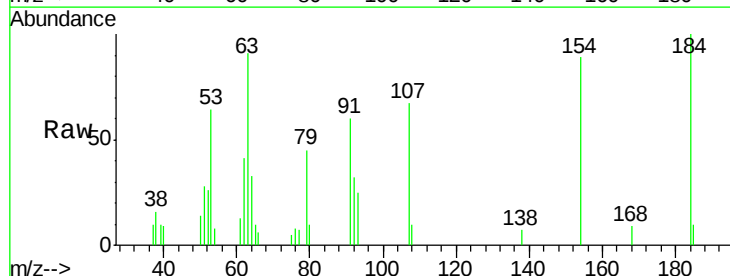
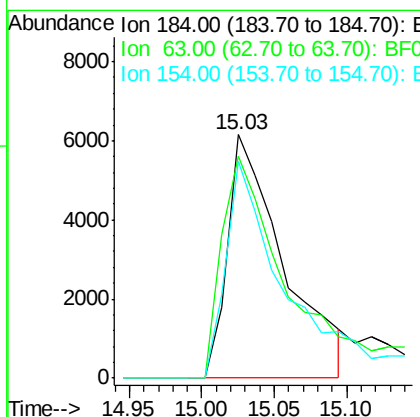
Manual Integrations
APPROVED

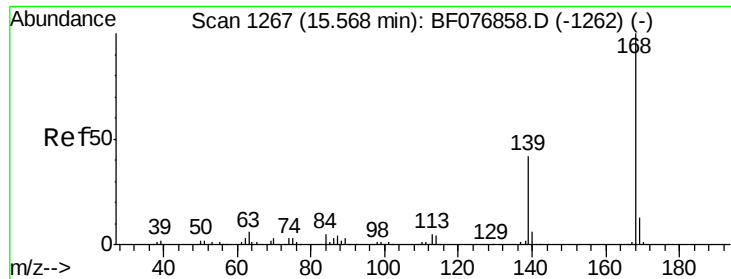
apatel
2/9/2015 1:36:07 PM



#53
2,4-Dinitrophenol
Concen: 51.22 ng
RT: 15.03 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	91.3	63.0	94.6
154	89.1	65.5	98.3





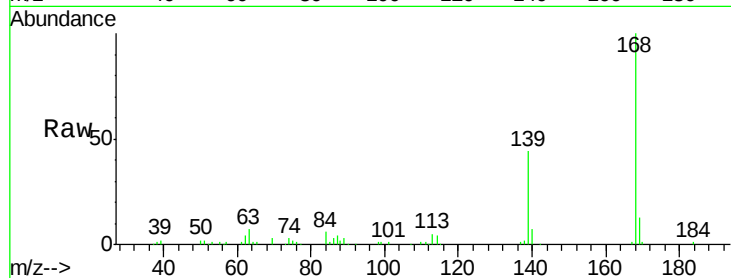
#54
Dibenzenofuran
Concen: 37.03 ng
RT: 15.17 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

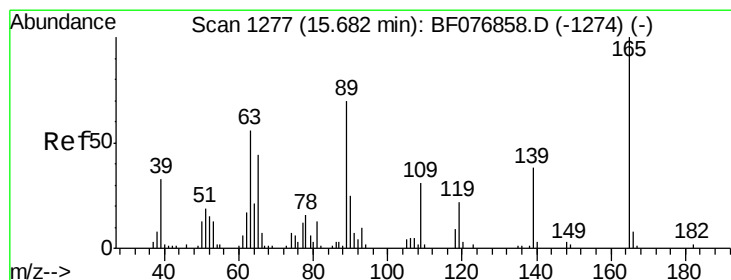
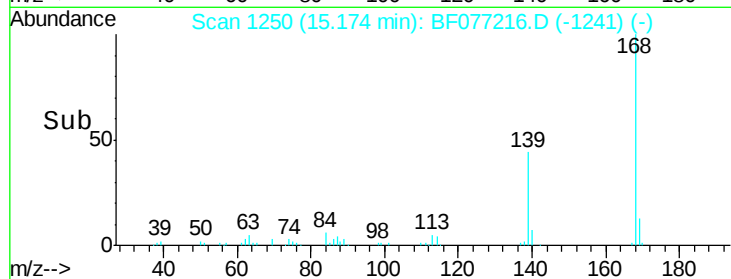
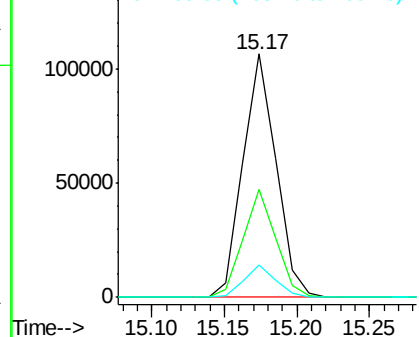
Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.1	33.4	50.2
169	13.4	10.6	15.8

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



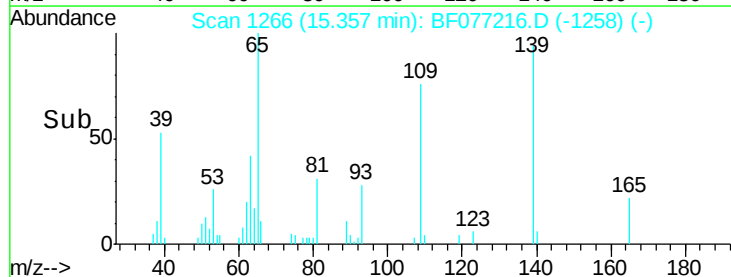
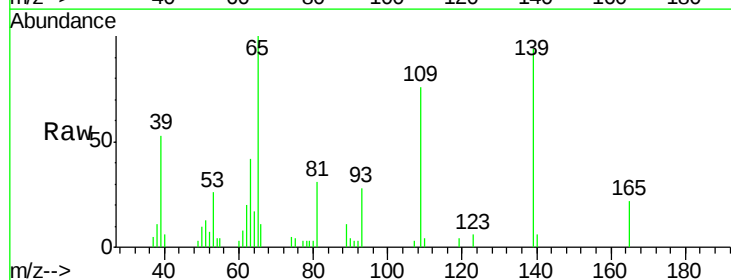
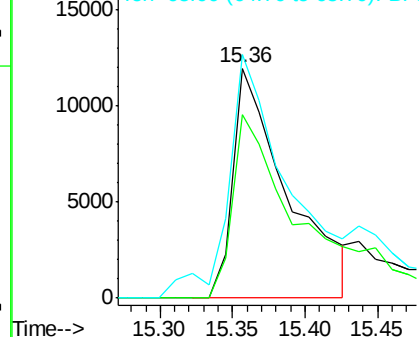
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

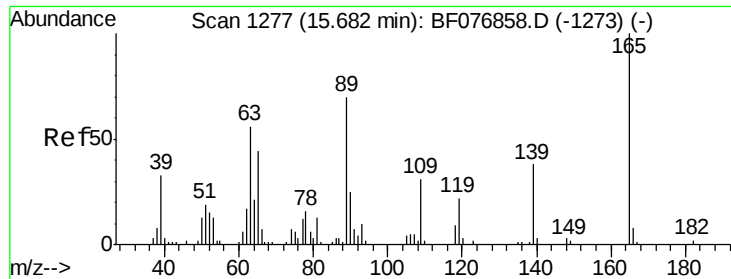


#55
4-Nitrophenol
Concen: 52.16 ng
RT: 15.36 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.0	61.0	101.0
65	105.8	96.6	136.6

Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





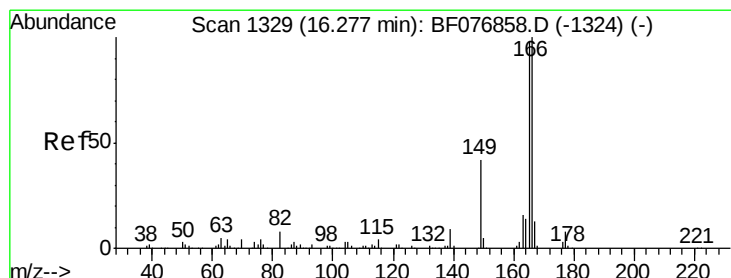
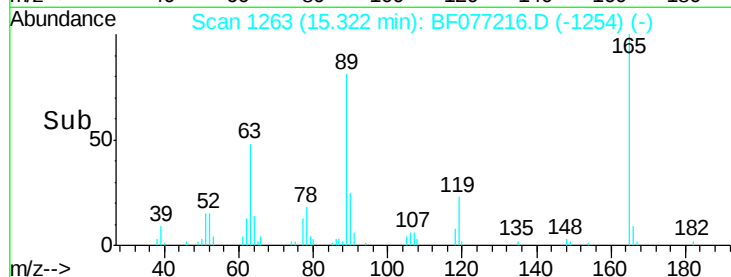
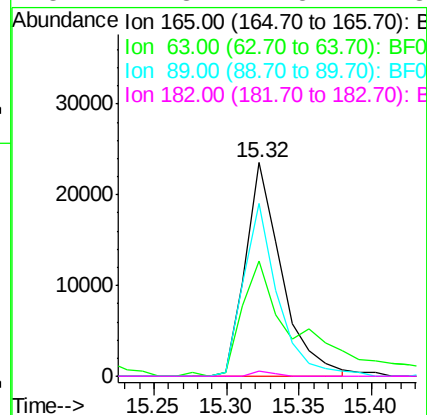
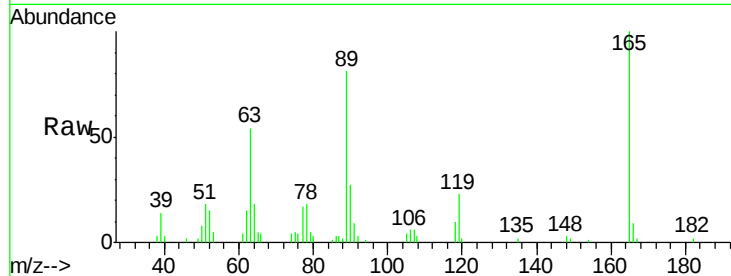
#56
2,4-Dinitrotoluene
Concen: 36.49 ng
RT: 15.32 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	40974		
63	54.1	44.8	67.2	
89	81.1	56.2	84.2	
182	2.3	1.5	2.3	

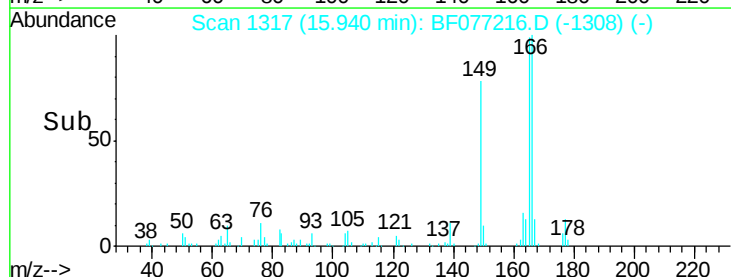
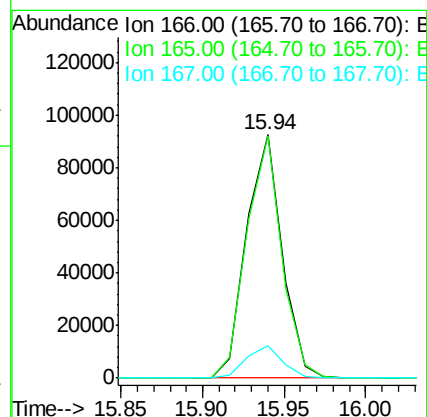
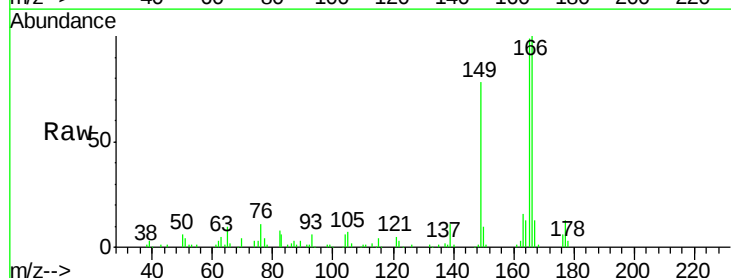
Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



#57
Fluorene
Concen: 36.20 ng
RT: 15.94 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	139909		
165	99.5	78.5	117.7	
167	13.4	10.4	15.6	





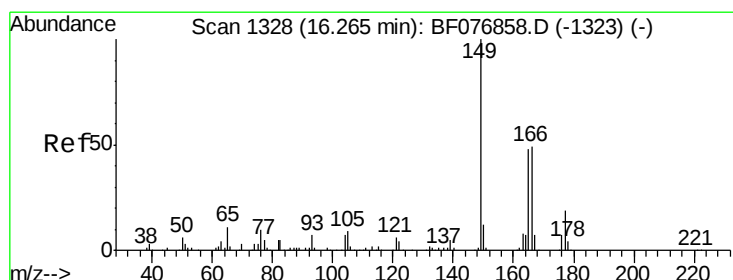
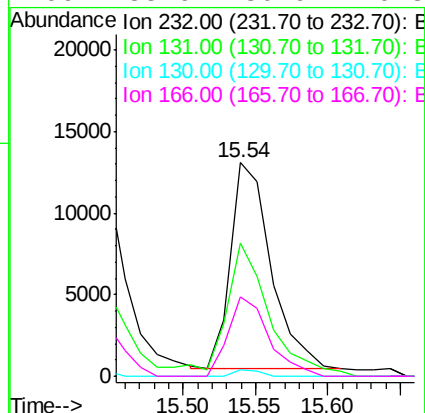
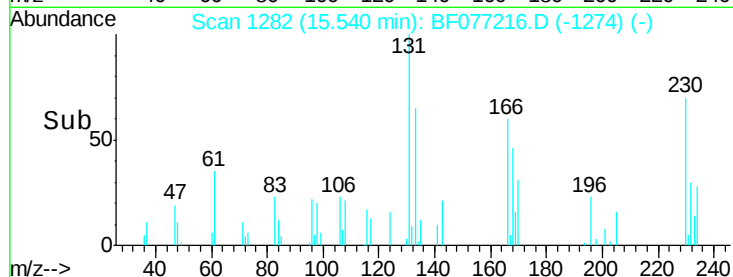
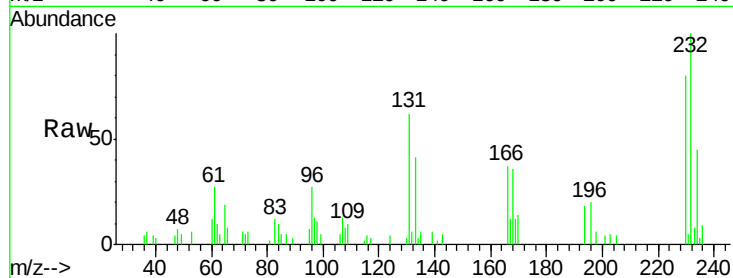
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.20 ng
 RT: 15.54 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	59.6	45.0	67.6
130	2.1	2.6	3.8#
166	38.6	30.9	46.3

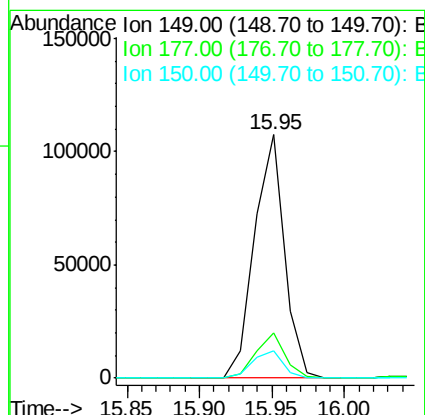
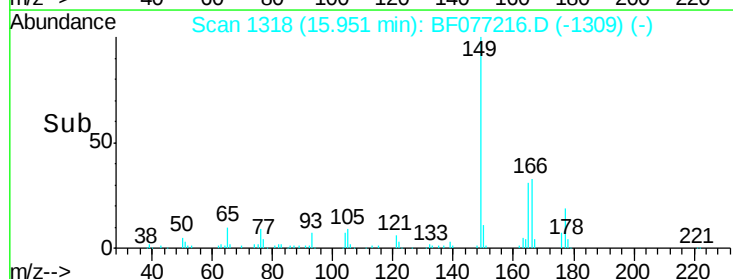
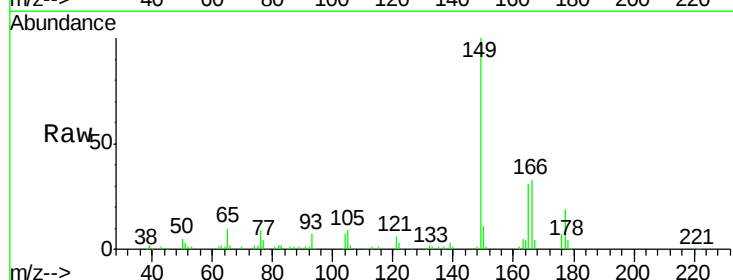
Manual Integrations
 APPROVED

apatel
 2/9/2015 1:36:07 PM



#59
 Diethylphthalate
 Concen: 40.04 ng
 RT: 15.95 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.7	15.0	22.6
150	11.4	9.4	14.0





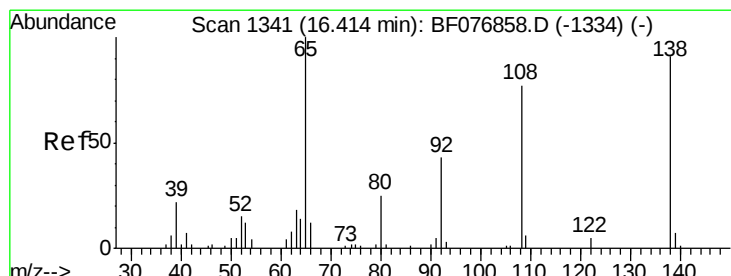
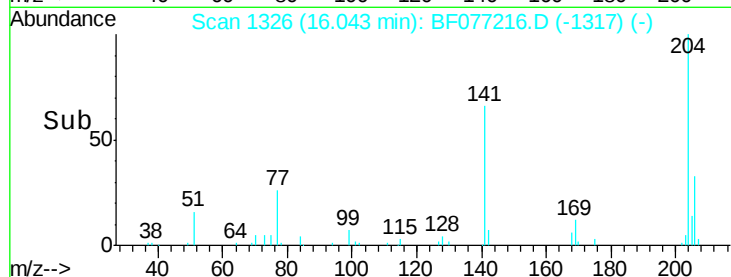
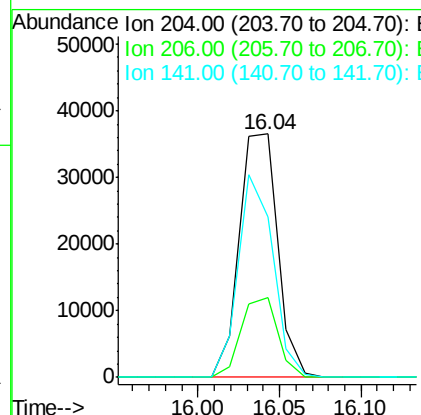
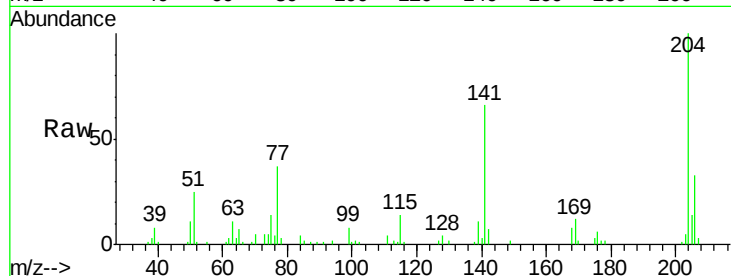
#60
 4-Chlorophenyl-phenylether
 Concen: 37.72 ng
 RT: 16.04 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

Tgt Ion:	204	Resp:	59640
Ion Ratio	Lower	Upper	
204	100		
206	32.5	24.2	36.2
141	66.0	66.7	100.1#

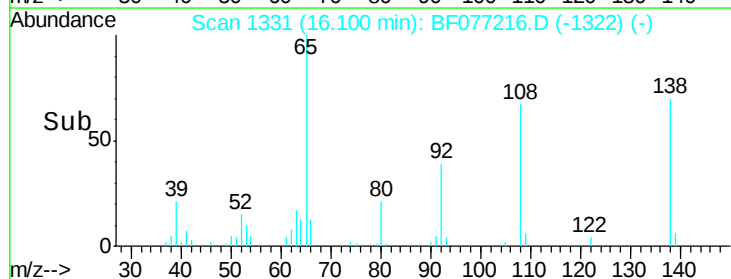
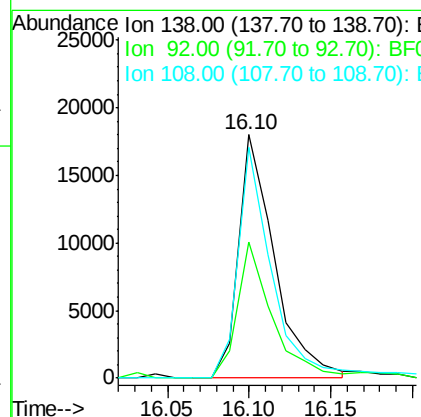
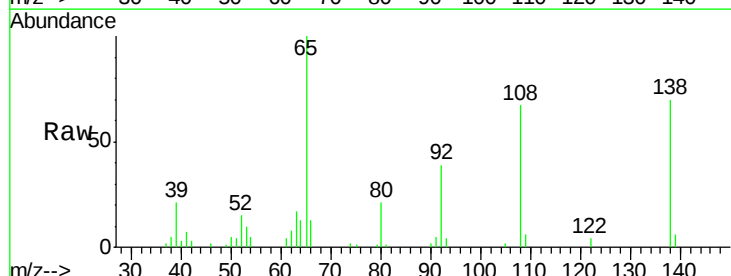
Manual Integrations
 APPROVED

apatel
 2/9/2015 1:36:07 PM



#61
 4-Nitroaniline
 Concen: 29.24 ng
 RT: 16.10 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion:	138	Resp:	27463
Ion Ratio	Lower	Upper	
138	100		
92	55.7	26.7	66.7
108	94.6	64.5	104.5





#62

Azobenzene

Concen: 37.73 ng

RT: 16.33 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF077216.D

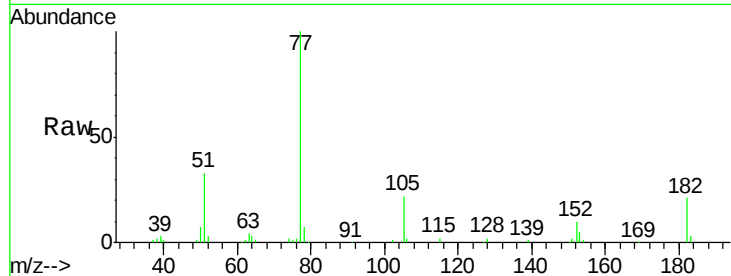
Acq: 6 Feb 2015 23:12

Instrument :

BNA_F

ClientSampleId :

PB81602BS



Tgt Ion: 77 Resp: 151146

Ion Ratio Lower Upper

77 100

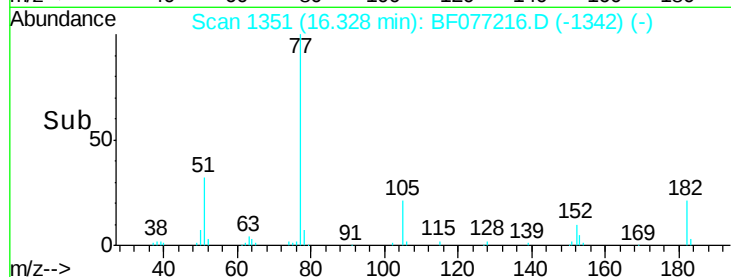
182 20.5 2.0 42.0

105 22.0 2.3 42.3

51 32.5 10.7 50.7

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



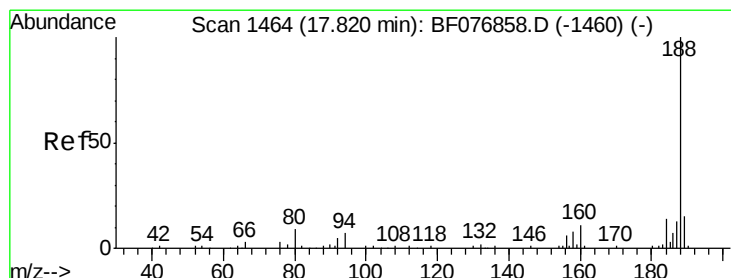
Abundance Ion 77.00 (76.70 to 77.70): BF077216.D (-1342) (-)

Ion 182.00 (181.70 to 182.70): BF077216.D (-1342) (-)

Ion 105.00 (104.70 to 105.70): BF077216.D (-1342) (-)

Ion 51.00 (50.70 to 51.70): BF077216.D (-1342) (-)

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

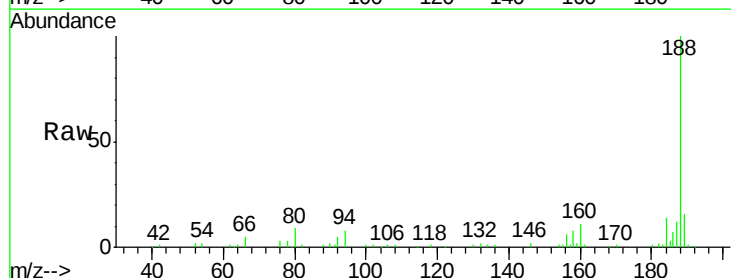
Tgt Ion: 188 Resp: 105100

Ion Ratio Lower Upper

188 100

94 8.5 6.0 9.0

80 9.2 6.9 10.3

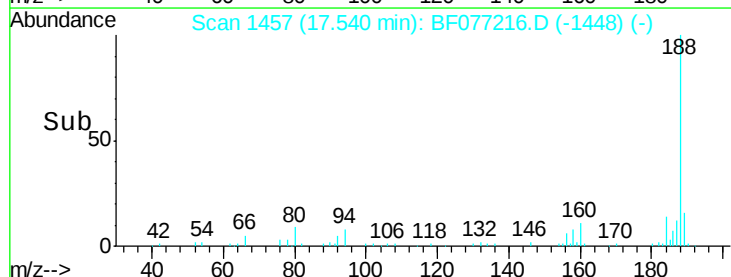


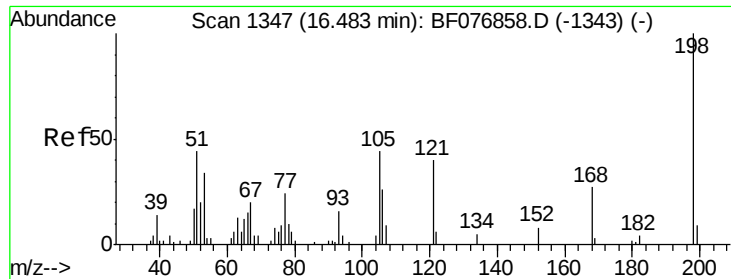
Abundance Ion 188.00 (187.70 to 188.70): BF077216.D (-1448) (-)

Ion 94.00 (93.70 to 94.70): BF077216.D (-1448) (-)

Ion 80.00 (79.70 to 80.70): BF077216.D (-1448) (-)

Time-->





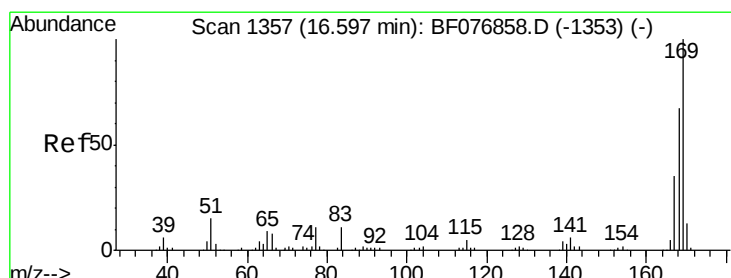
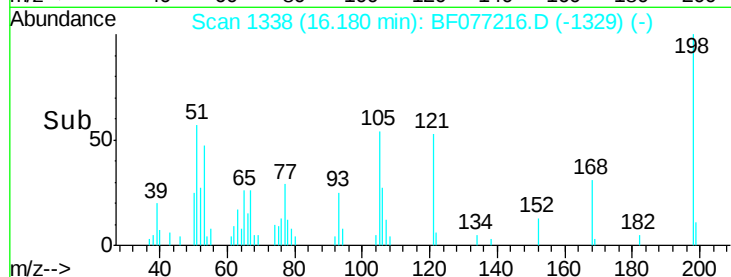
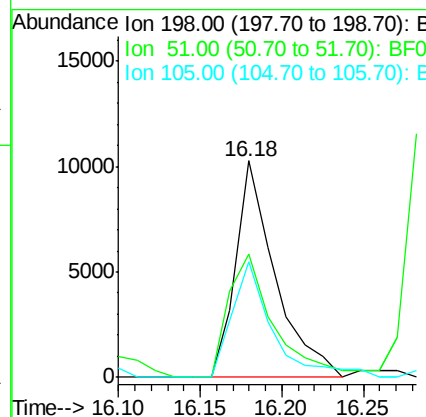
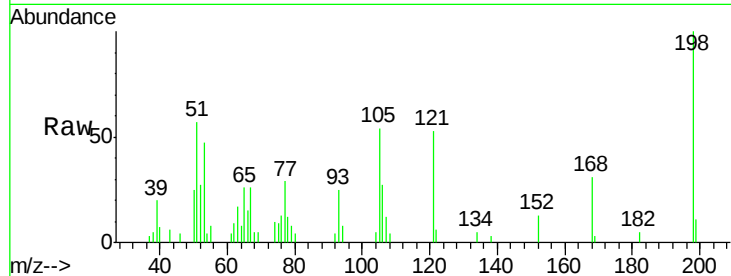
#64
 4,6-Dinitro-2-methylphenol
 Concen: 26.96 ng
 RT: 16.18 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	17160		
51	57.0	24.2	64.2	
105	53.5	24.0	64.0	

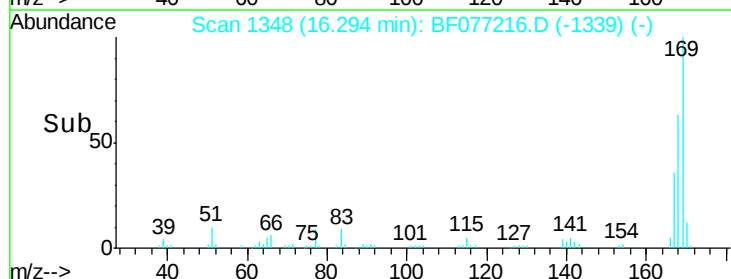
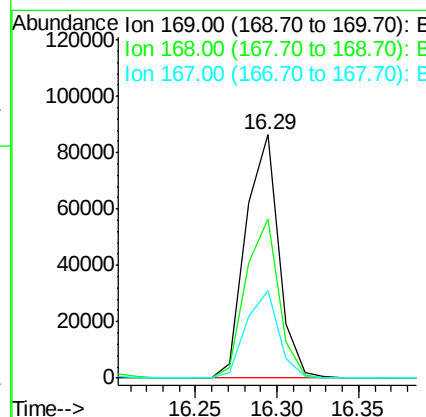
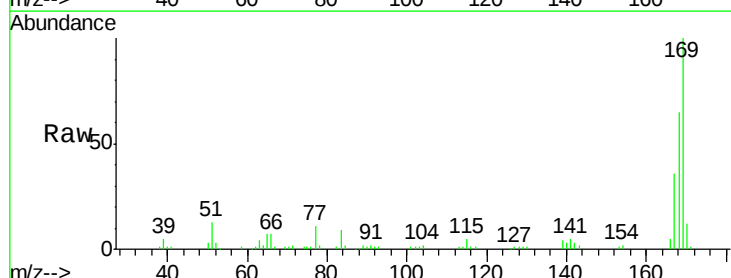
Manual Integrations
 APPROVED

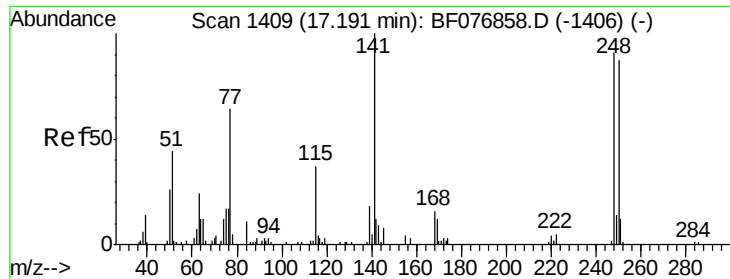
apatel
 2/9/2015 1:36:07 PM



#65
 n-Nitrosodiphenylamine
 Concen: 32.12 ng
 RT: 16.29 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	120385		
168	65.5	53.8	80.6	
167	35.9	27.8	41.6	





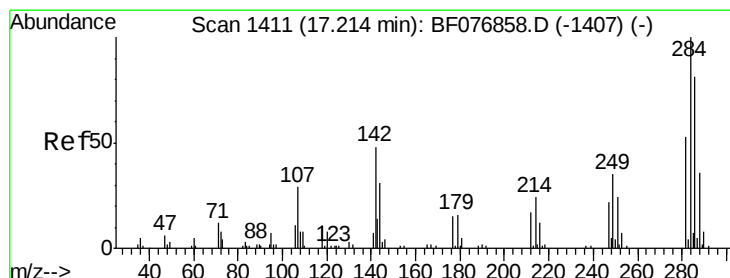
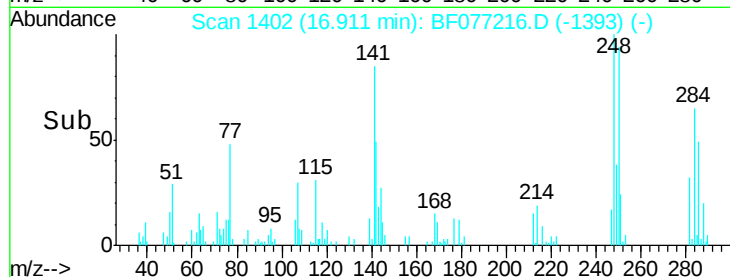
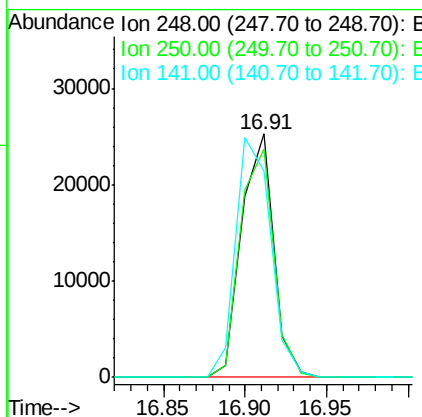
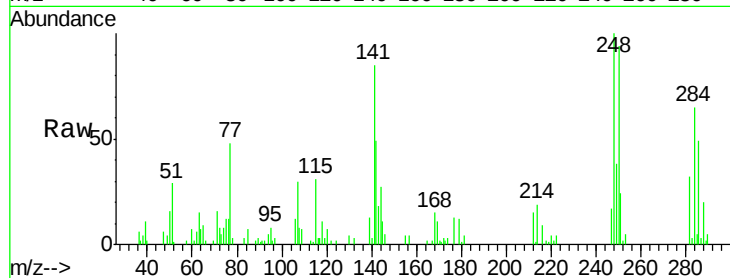
#66
4-Bromophenyl-phenylether
Concen: 32.35 ng
RT: 16.91 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.9	77.1	115.7
141	85.0	88.2	132.4

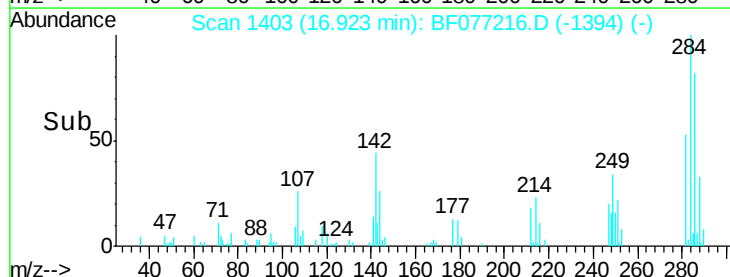
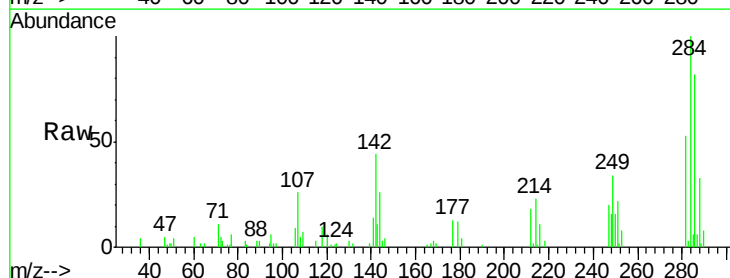
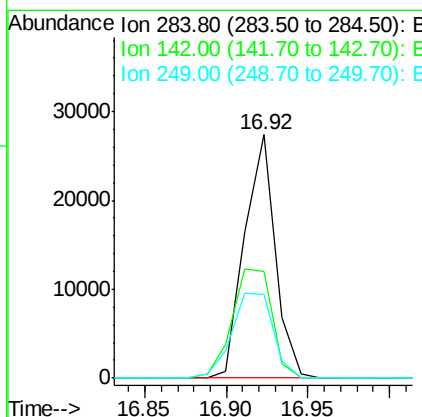
Manual Integrations
APPROVED

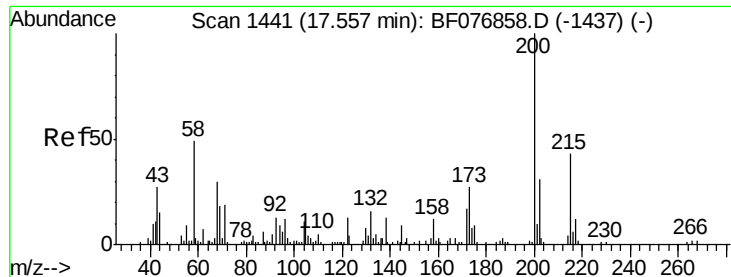
apatel
2/9/2015 1:36:07 PM



#67
Hexachlorobenzene
Concen: 31.83 ng
RT: 16.92 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.7	38.2	57.4
249	34.3	28.2	42.2





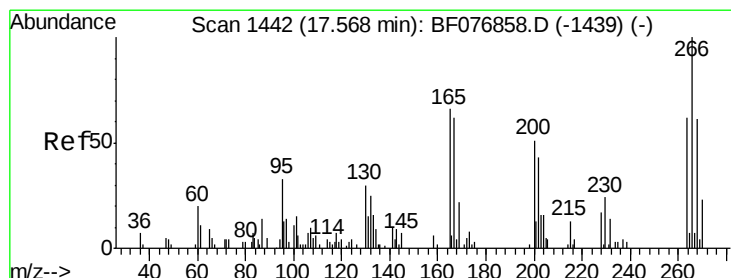
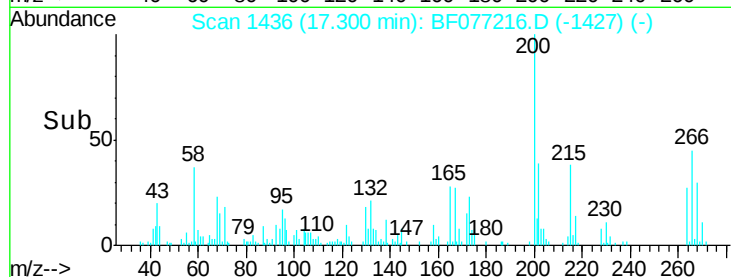
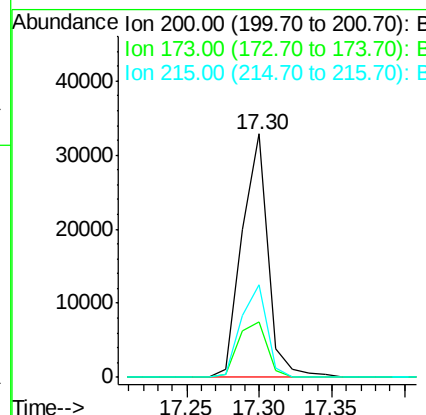
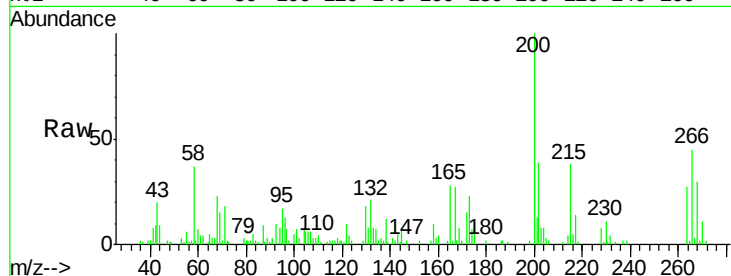
#68
Atrazine
Concen: 36.18 ng
RT: 17.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.0	6.6	46.6
215	38.1	22.9	62.9

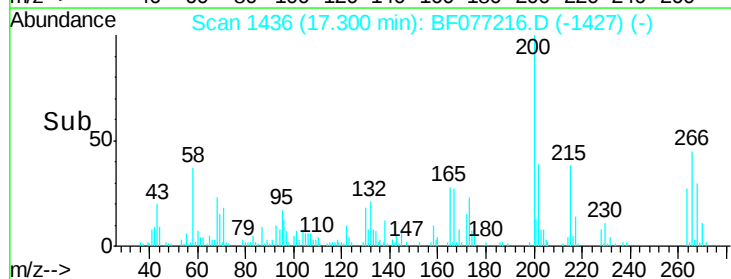
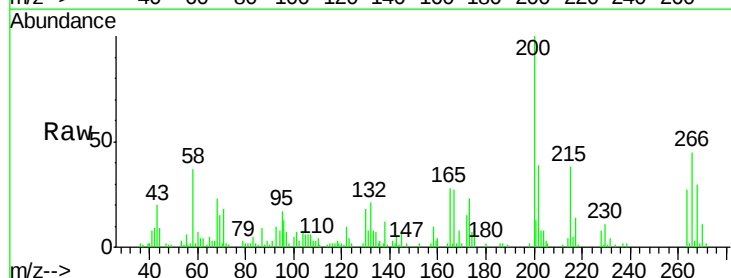
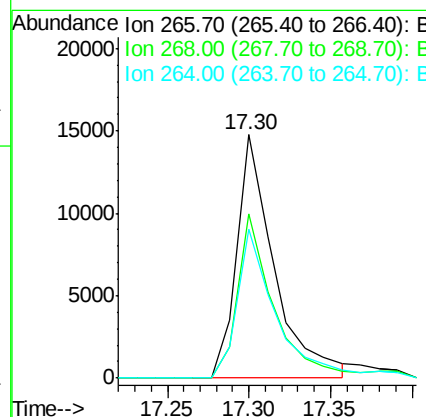
Manual Integrations
APPROVED

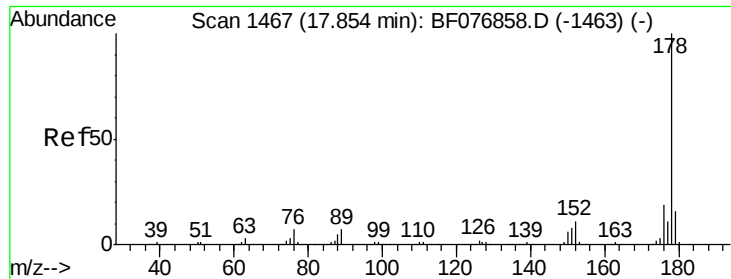
apatel
2/9/2015 1:36:07 PM



#69
Pentachlorophenol
Concen: 48.53 ng
RT: 17.30 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.6	48.6	72.8
264	61.1	49.5	74.3





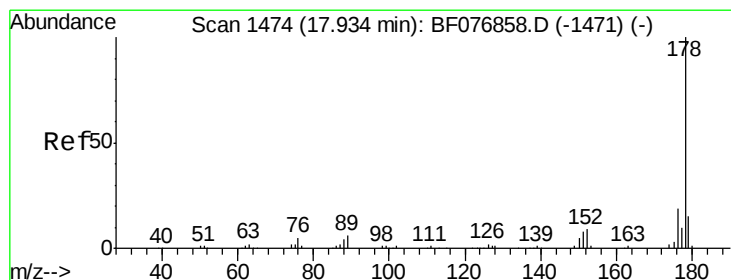
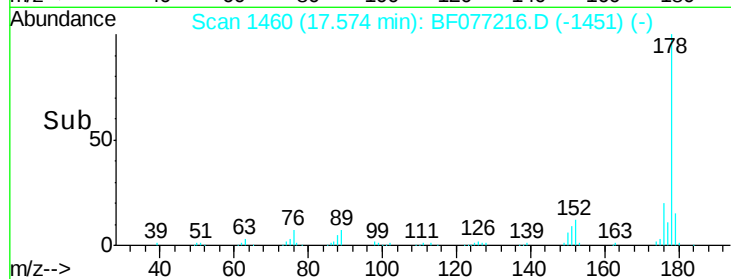
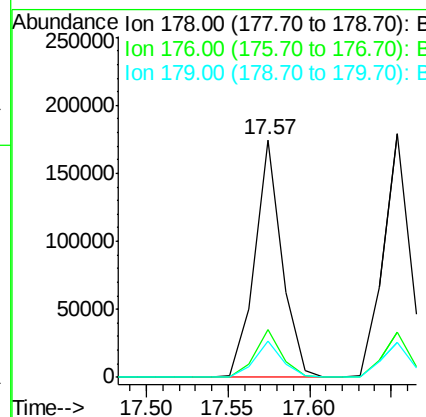
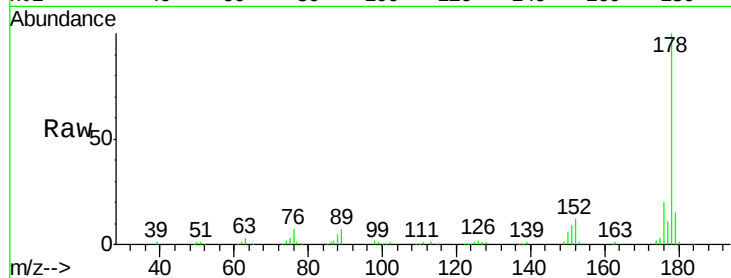
#70
 Phenanthrene
 Concen: 30.81 ng
 RT: 17.57 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	201944		
176	20.0	15.1	22.7	
179	15.0	12.7	19.1	

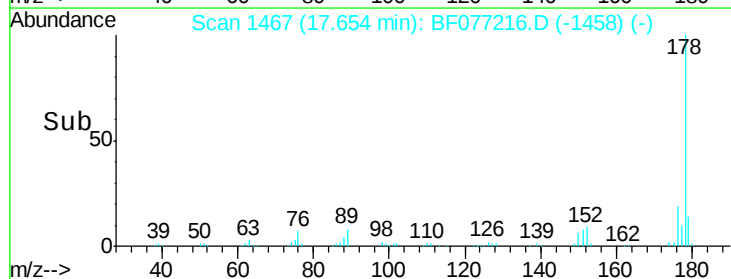
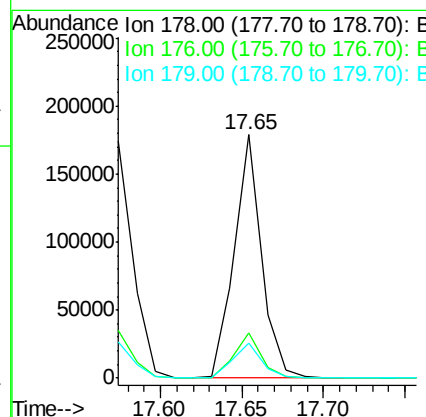
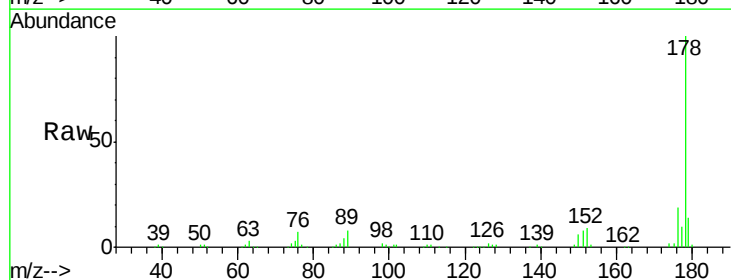
Manual Integrations
 APPROVED

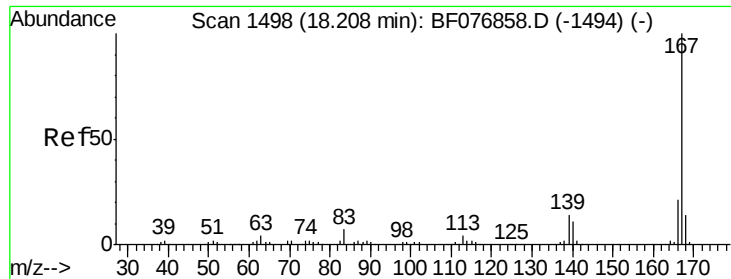
apatel
 2/9/2015 1:36:07 PM



#71
 Anthracene
 Concen: 32.41 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	207162		
176	18.7	15.4	23.0	
179	14.2	11.9	17.9	





#72

Carbazole

Concen: 32.30 ng

RT: 17.95 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF077216.D

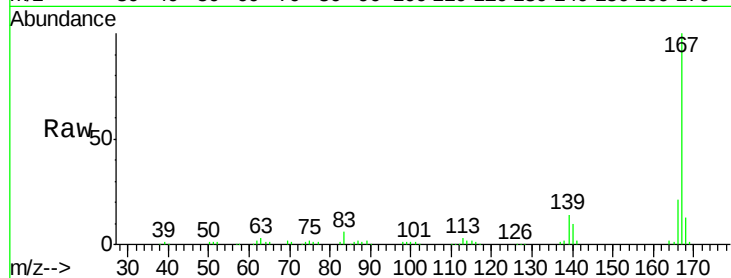
Acq: 6 Feb 2015 23:12

Instrument :

BNA_F

ClientSampleId :

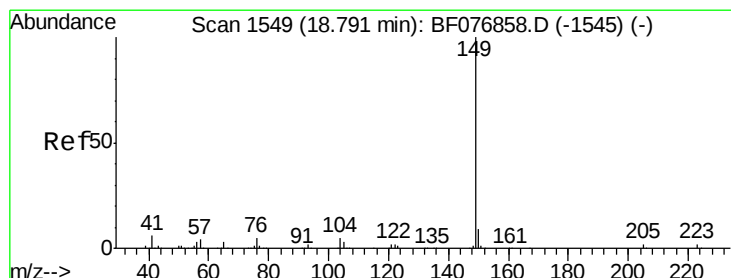
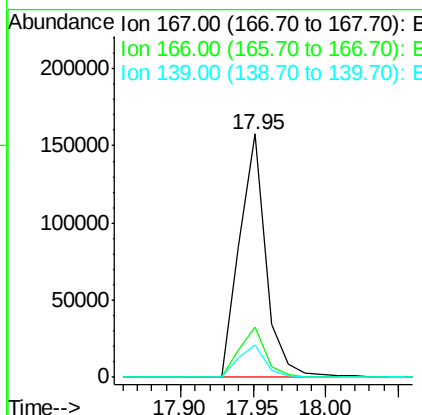
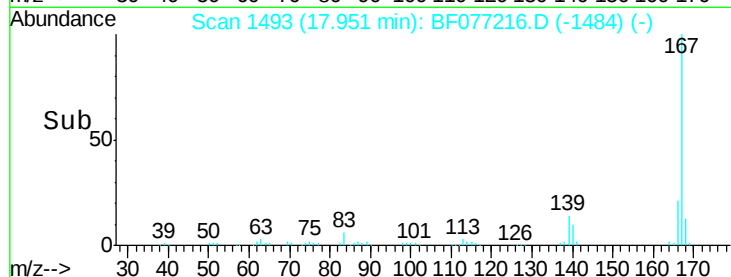
PB81602BS



Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	13.6	11.3	16.9

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



#73

Di-n-butylphthalate

Concen: 34.96 ng

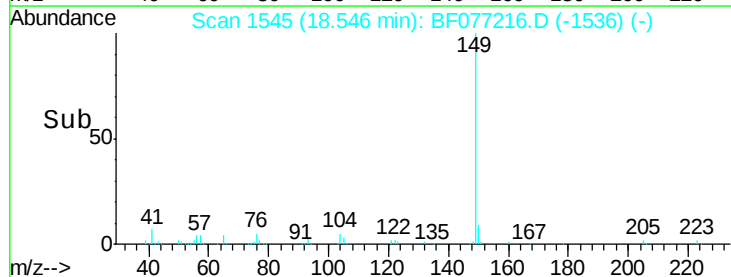
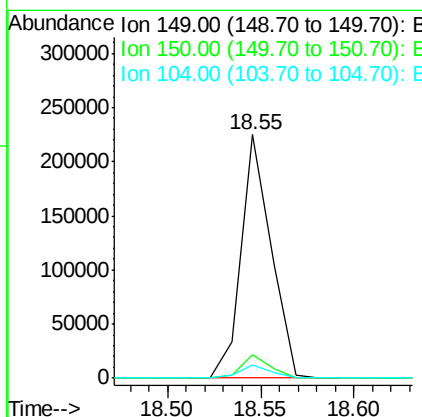
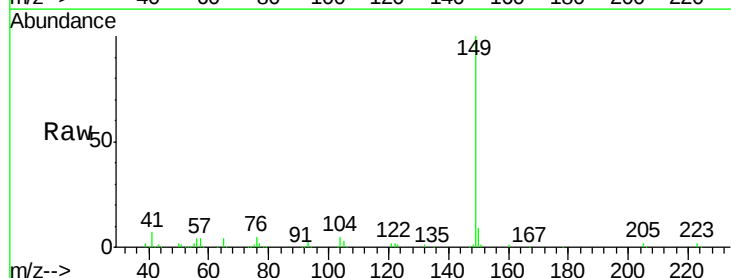
RT: 18.55 min Scan# 1545

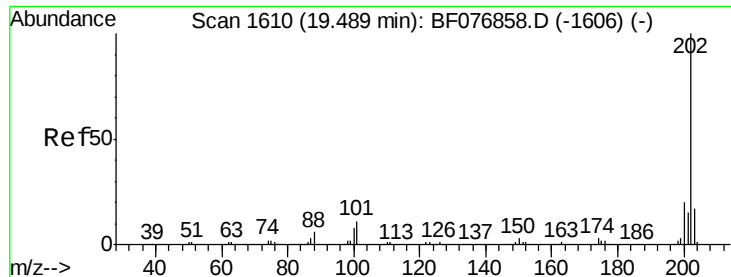
Delta R.T. -0.00 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	6.9	10.3
104	5.4	3.7	5.5





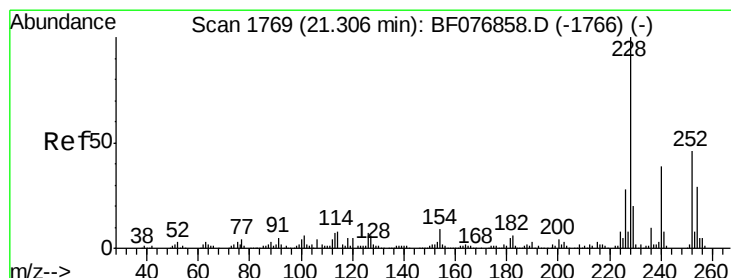
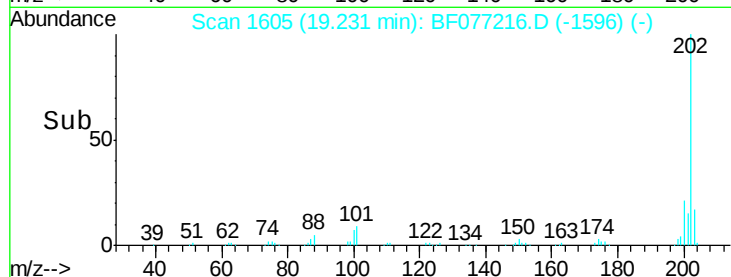
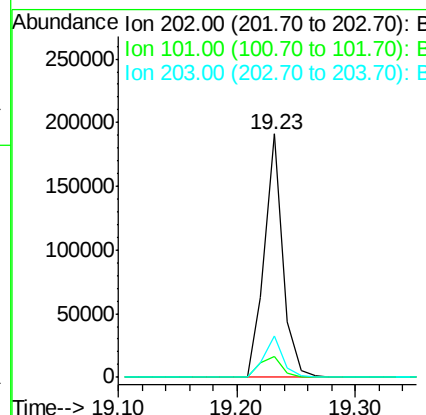
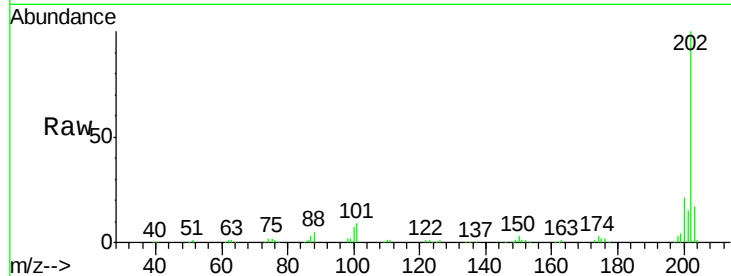
#74
 Fluoranthene
 Concen: 31.36 ng
 RT: 19.23 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.8	0.0	30.7
203	16.8	0.0	36.9

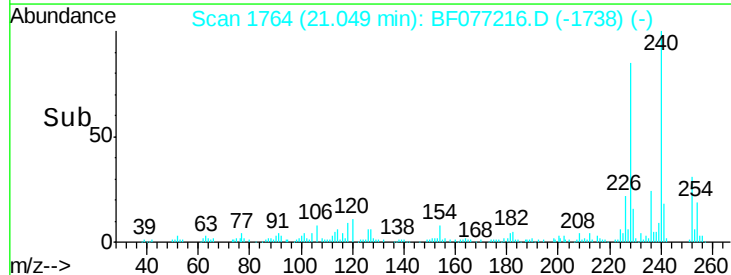
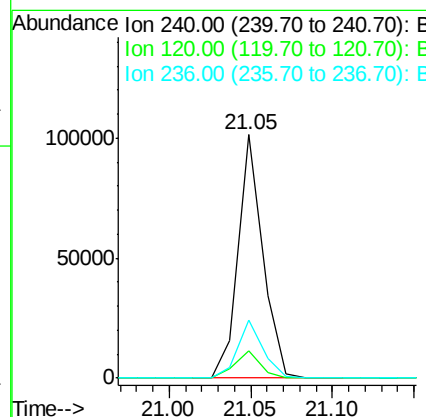
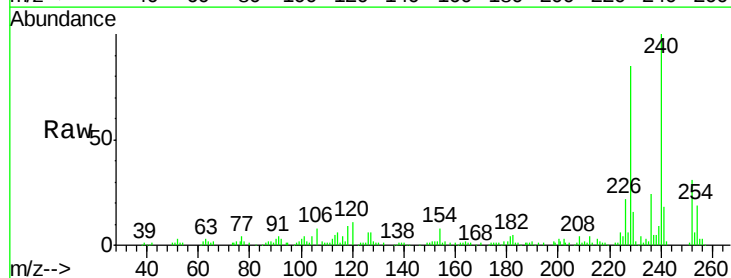
Manual Integrations
 APPROVED

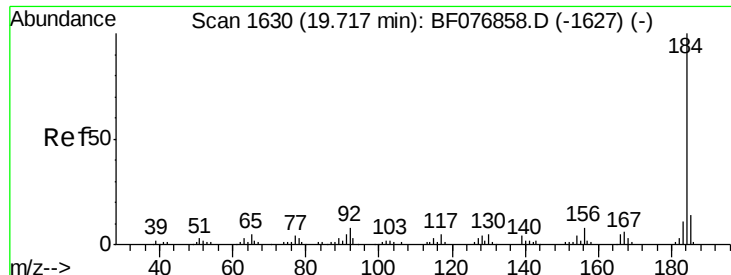
apatel
 2/9/2015 1:36:07 PM



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.05 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	11.2	10.4	15.6
236	23.7	20.2	30.2





#76

Benzidine

Concen: 25.50 ng

RT: 19.48 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BF077216.D

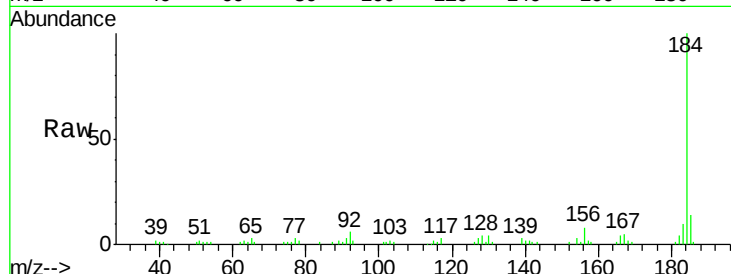
Acq: 6 Feb 2015 23:12

Instrument :

BNA_F

ClientSampleId :

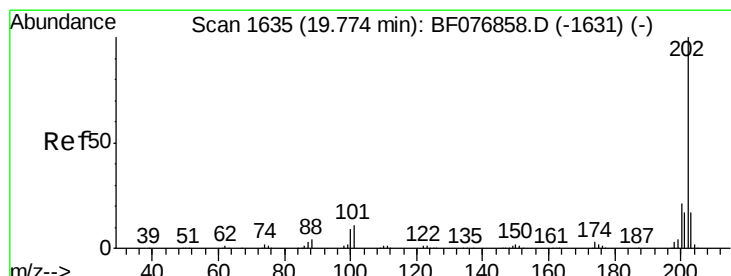
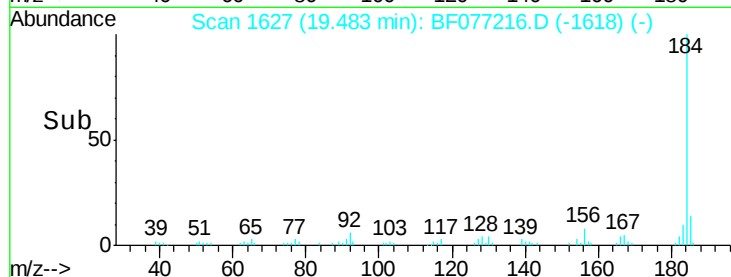
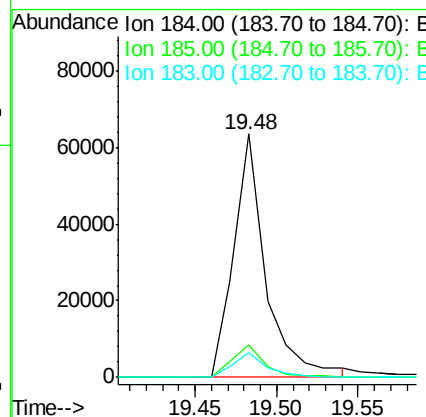
PB81602BS



Tgt Ion:	184	Resp:	86014
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.4	17.2
183	10.3	9.0	13.6

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



#77

Pyrene

Concen: 31.95 ng

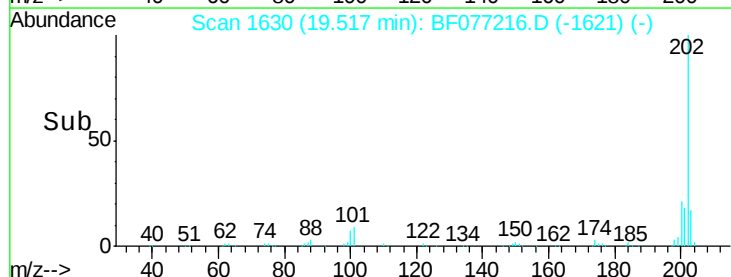
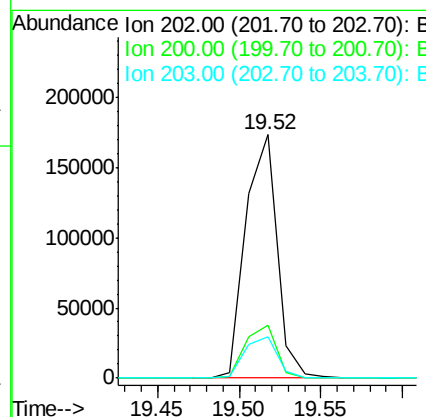
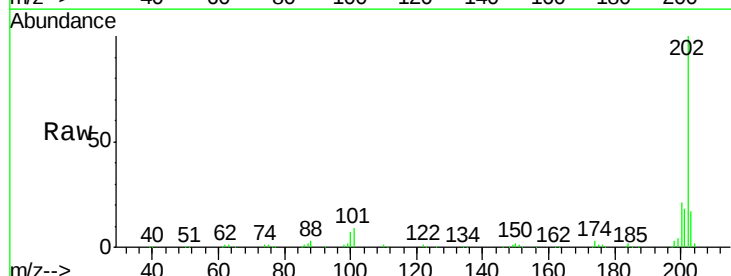
RT: 19.52 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

Tgt Ion:	202	Resp:	230858
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.7	25.1
203	17.2	14.0	21.0





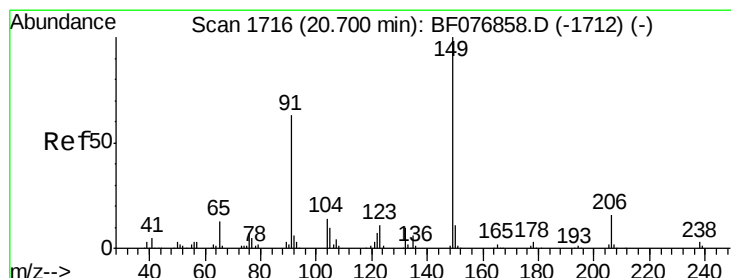
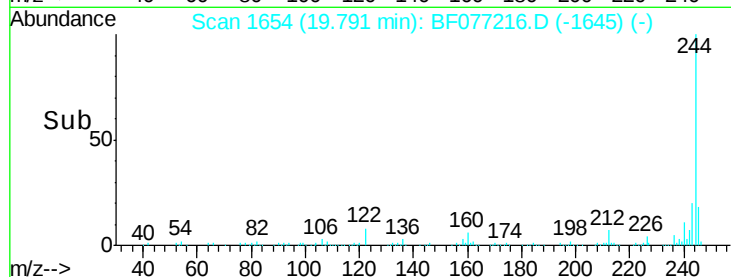
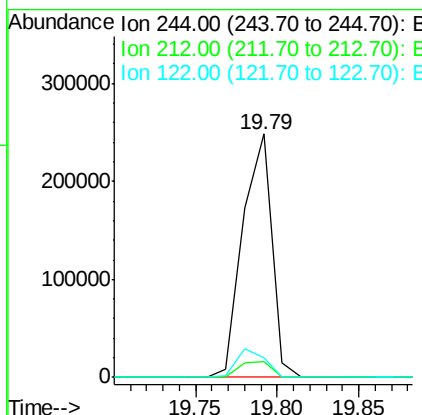
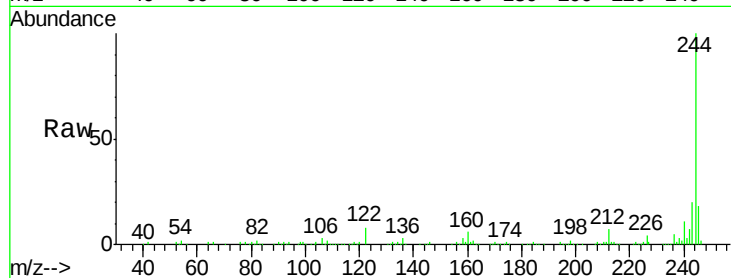
#78
 Terphenyl-d14
 Concen: 66.87 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB81602BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	6.3	9.5
122	8.2	10.1	15.1#

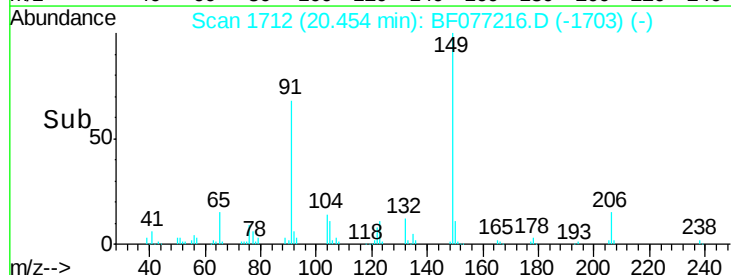
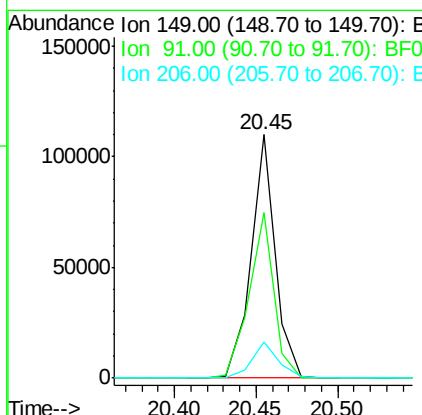
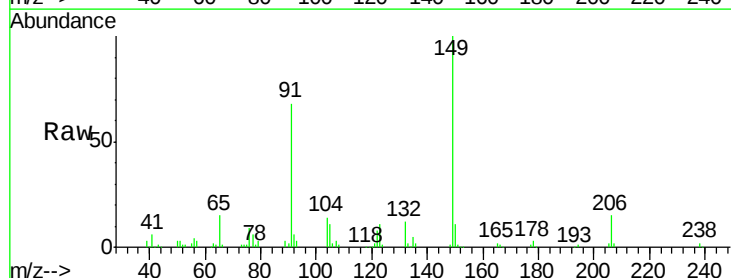
Manual Integrations
 APPROVED

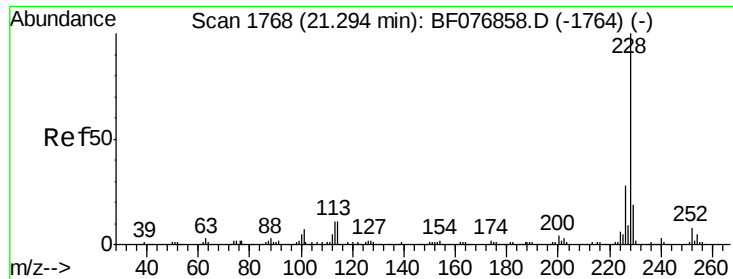
apatel
 2/9/2015 1:36:07 PM



#79
 Butylbenzylphthalate
 Concen: 34.50 ng
 RT: 20.45 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BF077216.D
 Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	68.2	50.6	76.0
206	14.8	12.8	19.2





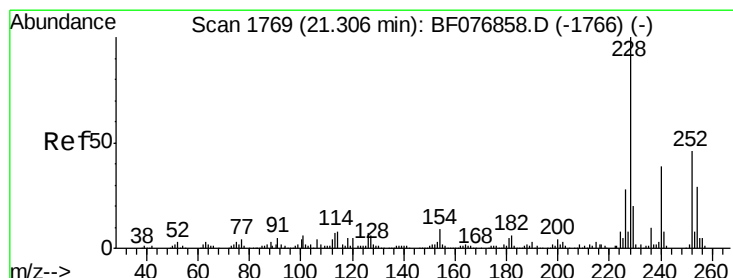
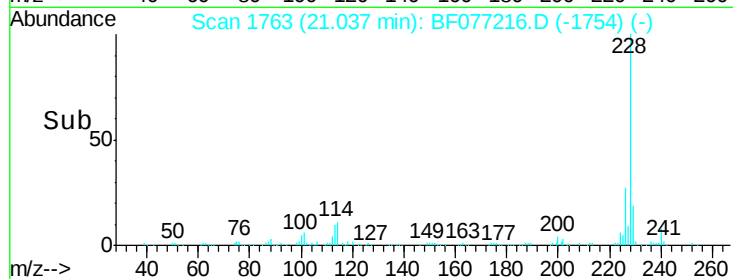
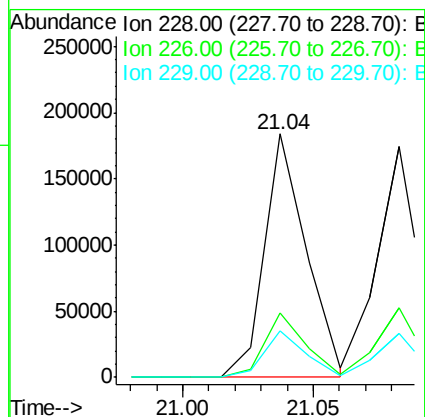
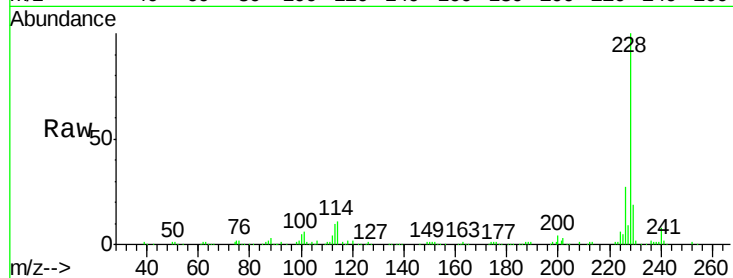
#80
Benzo(a)anthracene
Concen: 31.03 ng
RT: 21.04 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampled :
PB81602BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.1	33.1
229	19.0	15.5	23.3

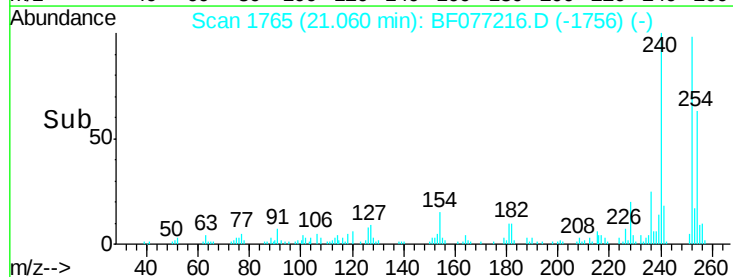
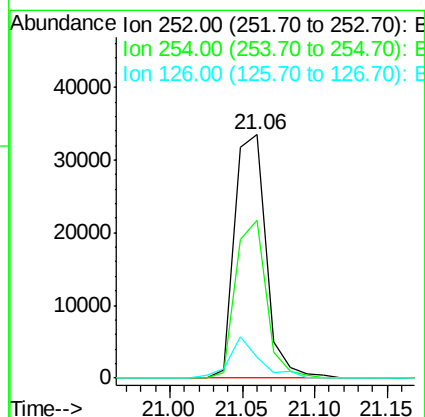
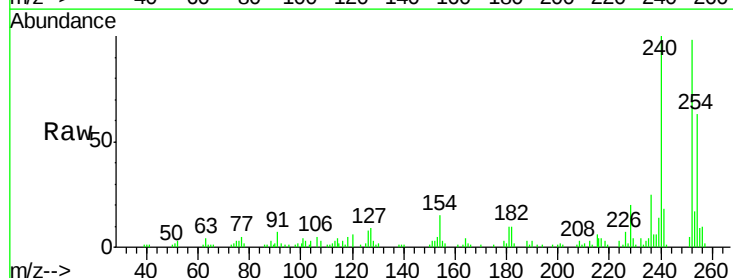
Manual Integrations
APPROVED

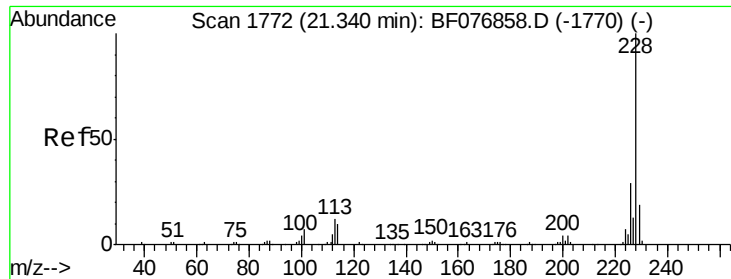
apatel
2/9/2015 1:36:07 PM



#81
3,3'-Dichlorobenzidine
Concen: 24.09 ng
RT: 21.06 min Scan# 1765
Delta R.T. -0.00 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.2	75.4
126	8.4	11.5	17.3#





#82

Chrysene

Concen: 31.62 ng

RT: 21.08 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

Instrument :

BNA_F

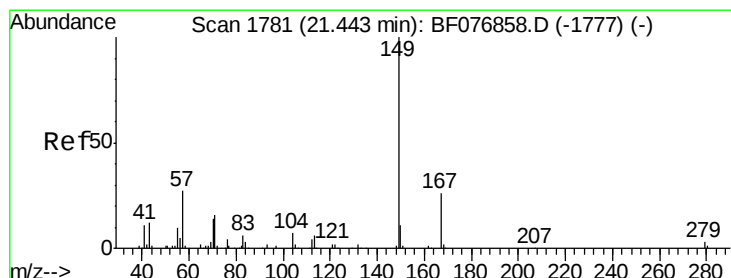
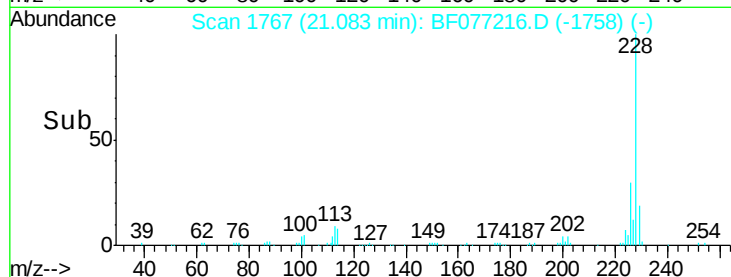
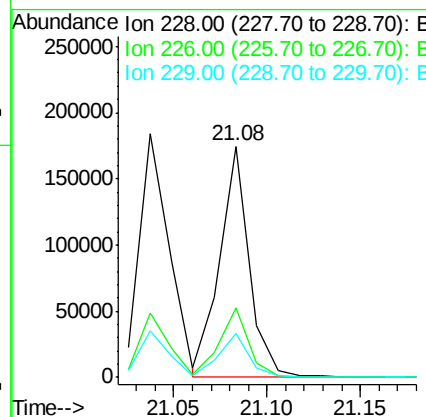
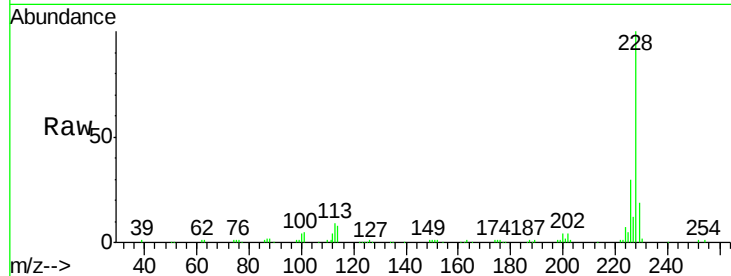
ClientSampleId :

PB81602BS

Tgt Ion:	228	Resp:	190718
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.0
229	18.9	15.4	23.0

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 36.32 ng

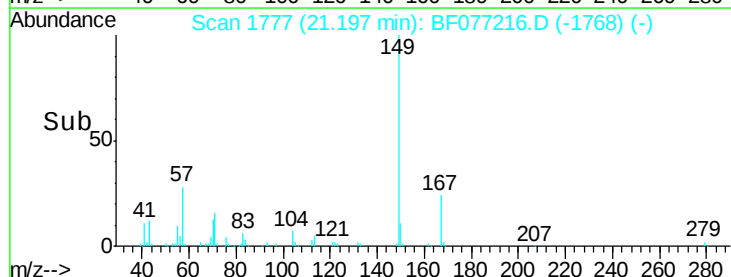
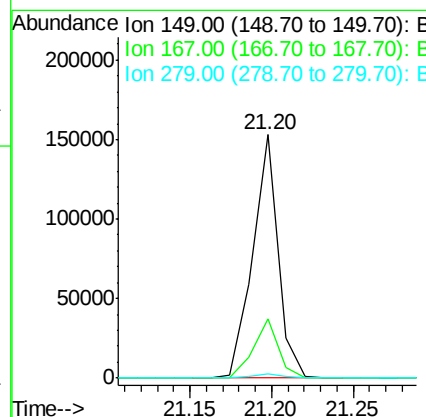
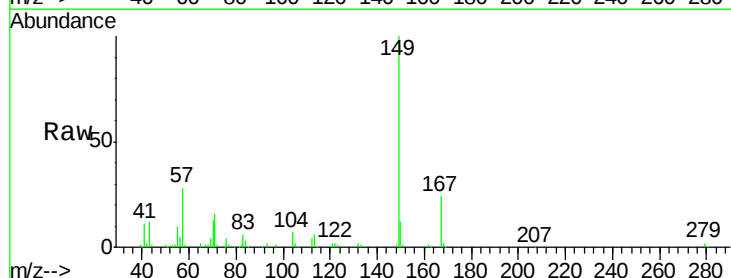
RT: 21.20 min Scan# 1777

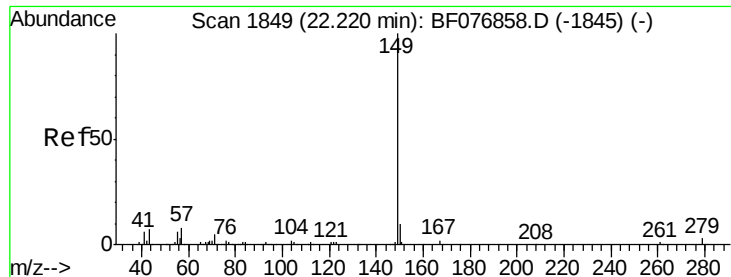
Delta R.T. -0.00 min

Lab File: BF077216.D

Acq: 6 Feb 2015 23:12

Tgt Ion:	149	Resp:	164418
Ion Ratio	Lower	Upper	
149	100		
167	24.4	20.6	30.8
279	2.0	2.2	3.2#





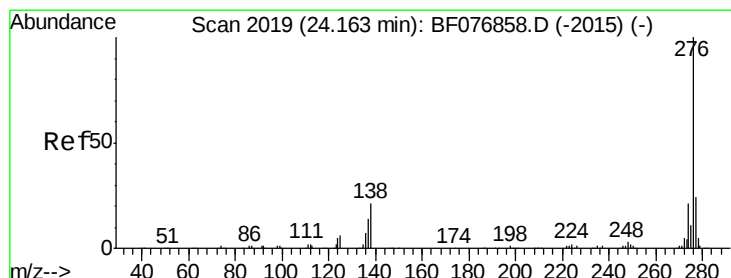
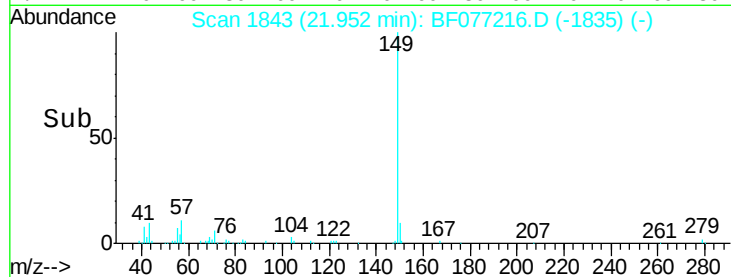
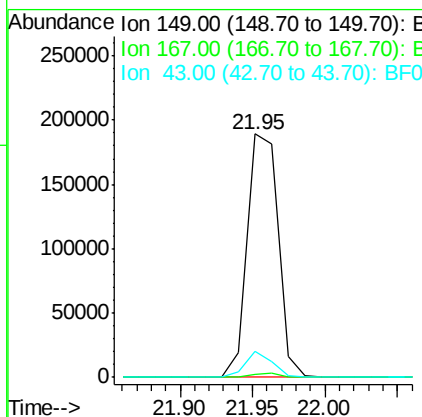
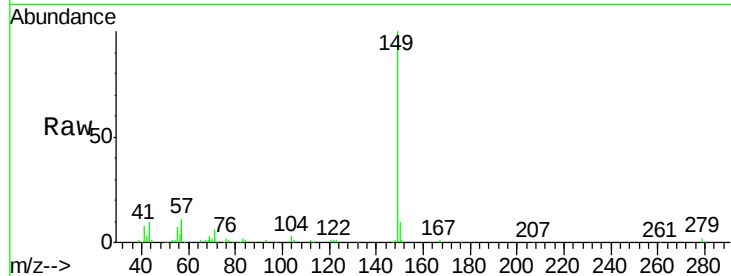
#84
Di-n-octyl phthalate
Concen: 35.65 ng
RT: 21.95 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.4	1.1	1.7
43	9.2	6.6	10.0

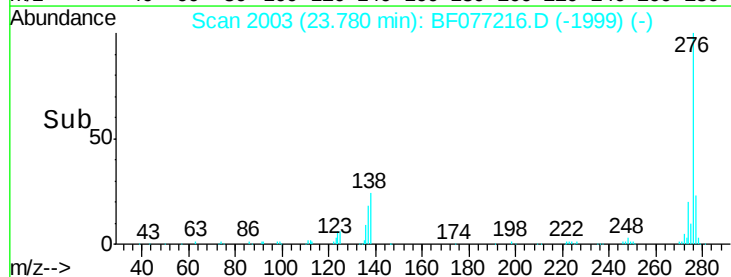
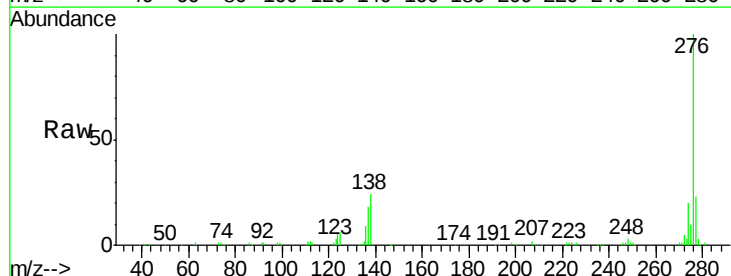
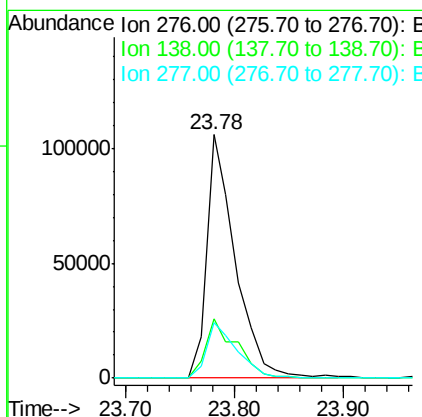
Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 30.46 ng
RT: 23.78 min Scan# 2003
Delta R.T. -0.06 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

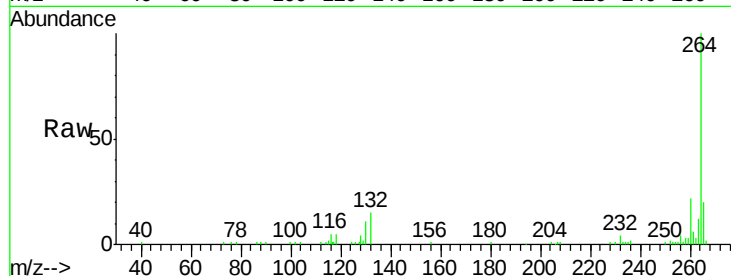
Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.8	14.6	22.0#
277	24.2	14.8	22.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.69 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

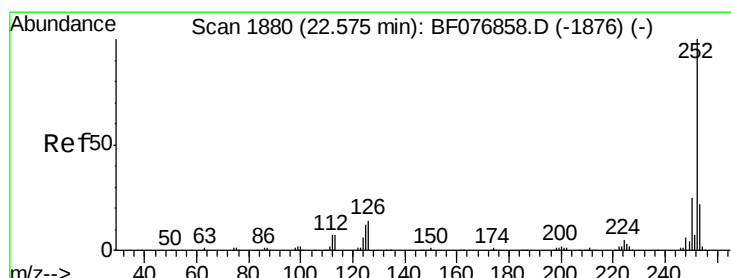
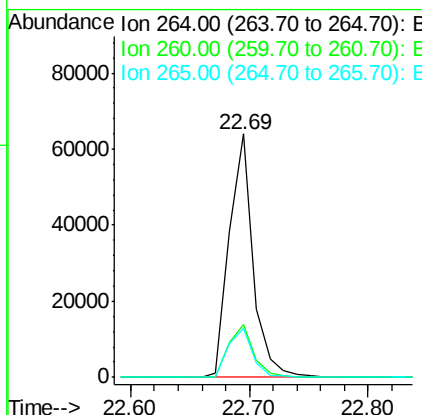
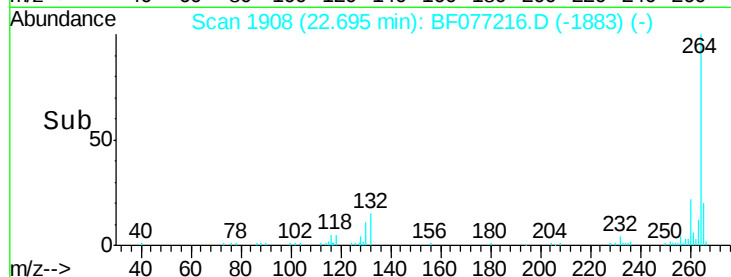
Instrument :
BNA_F
ClientSampleId :
PB81602BS



Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.0	28.4
265	20.3	18.1	27.1

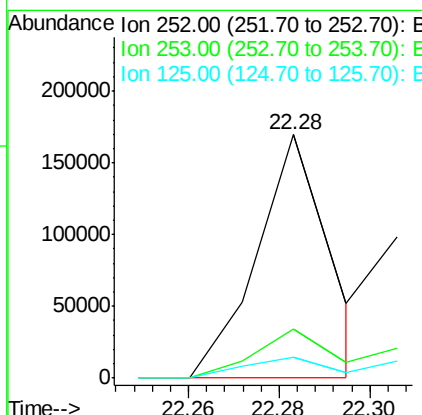
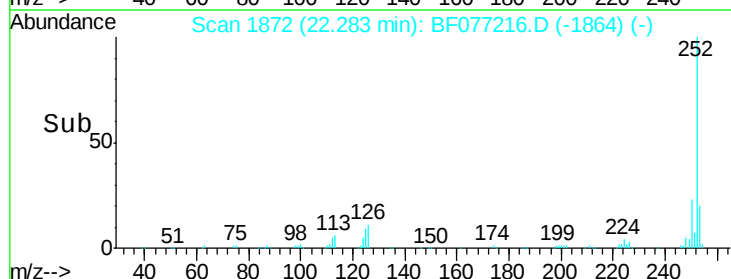
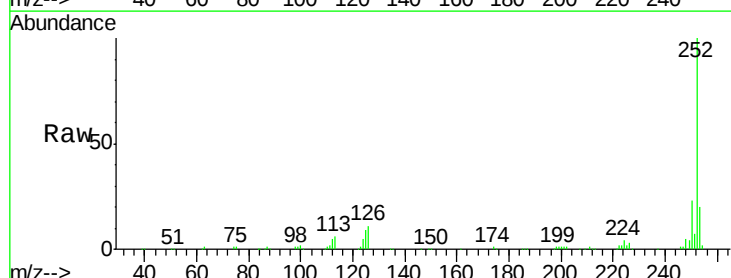
Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



#87
Benzo(b)fluoranthene
Concen: 31.54 ng m
RT: 22.28 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.5	26.3
125	8.5	9.4	14.0#





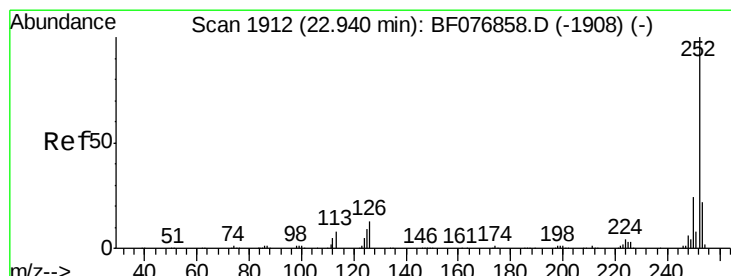
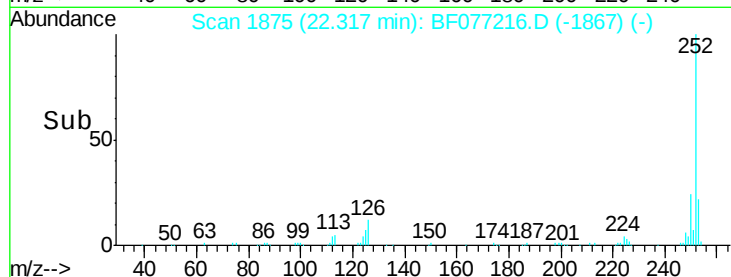
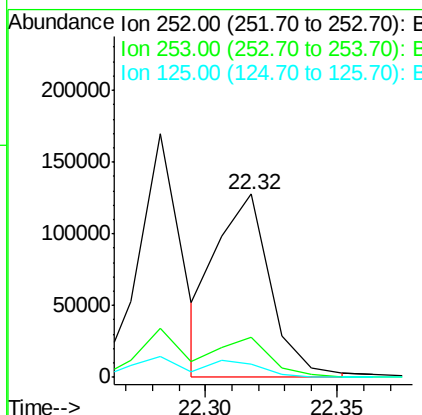
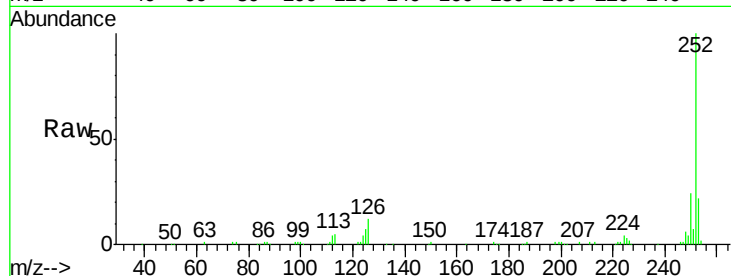
#88
Benzo(k)fluoranthene
Concen: 34.82 ng m
RT: 22.32 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	7.4	7.1	10.7

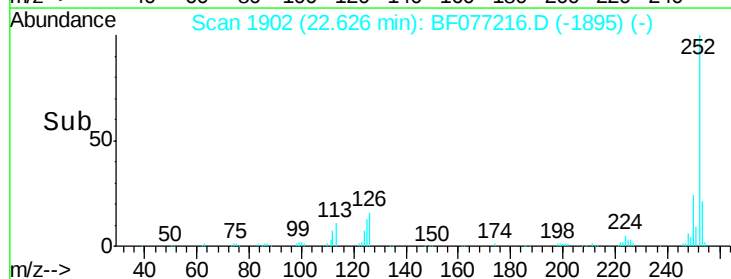
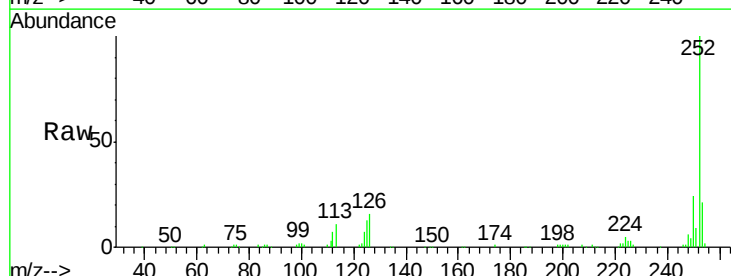
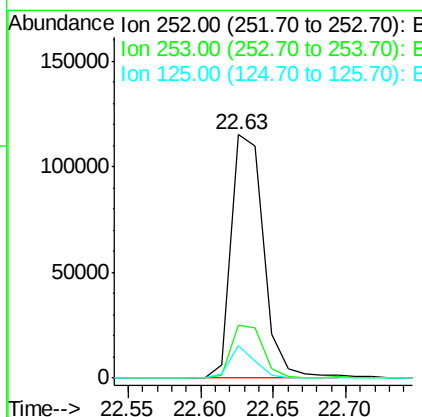
Manual Integrations
APPROVED

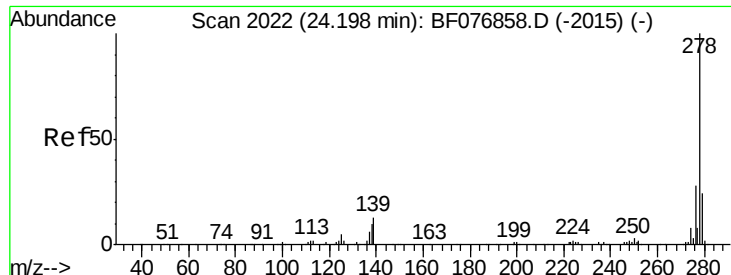
apatel
2/9/2015 1:36:07 PM



#89
Benzo(a)pyrene
Concen: 34.18 ng
RT: 22.63 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	13.3	7.2	10.8





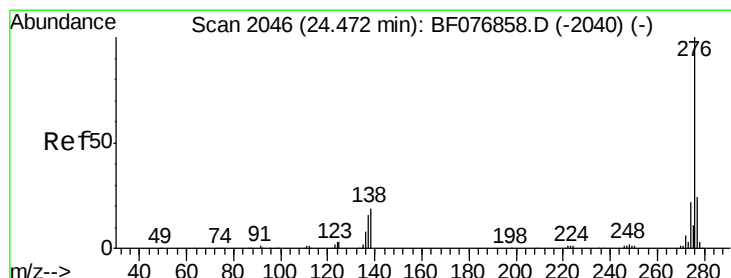
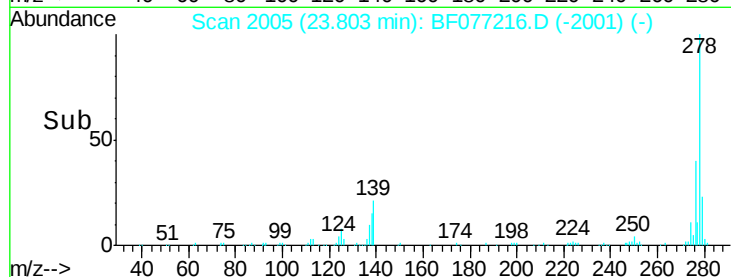
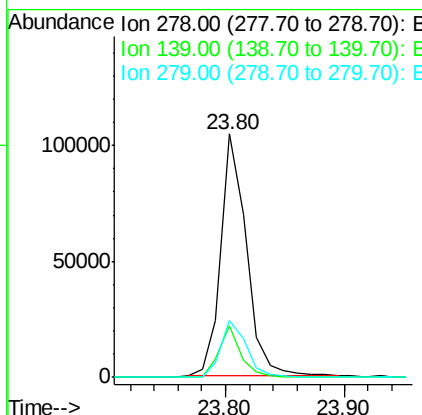
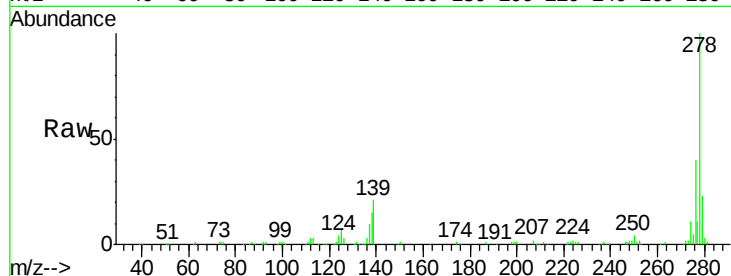
#90
Dibenzo(a,h)anthracene
Concen: 32.42 ng
RT: 23.80 min Scan# 2005
Delta R.T. -0.06 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Instrument :
BNA_F
ClientSampleId :
PB81602BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.2	10.5	15.7#
279	23.1	19.3	28.9

Manual Integrations
APPROVED

apatel
2/9/2015 1:36:07 PM



#91
Benzo(g,h,i)perylene
Concen: 33.84 ng
RT: 24.04 min Scan# 2026
Delta R.T. -0.06 min
Lab File: BF077216.D
Acq: 6 Feb 2015 23:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.5	29.3
138	27.2	15.0	22.6#

