

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
 Data File : BF080046.D
 Acq On : 18 Jun 2015 15:03
 Operator : TP/IZ
 Sample : PB84072BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Manual Integrations
 APPROVED

apatel
 6/19/2015 1:31:44 PM

Quant Time: Jun 19 11:21:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 11:05:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	46349	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	193802	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	107222	20.00	ng	0.00
63) Phenanthrene-d10	11.93	188	225296	20.00	ng	-0.05
75) Chrysene-d12	15.16	240	247322	20.00	ng	-0.25
86) Perylene-d12	17.18	264	236037	20.00	ng	-0.41

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	343768	131.29	ng	0.00
7) Phenol-d6	6.94	99	468241	134.39	ng	0.00
23) Nitrobenzene-d5	7.89	82	268500	80.65	ng	0.00
41) 2,4,6-Tribromophenol	11.20	330	128766	122.81	ng	-0.01
44) 2-Fluorobiphenyl	9.70	172	551928	73.41	ng	0.00
78) Terphenyl-d14	13.76	244	747803	70.62	ng	-0.15

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	39230	31.52	ng	85
3) Pyridine	4.05	79	109984	33.23	ng	# 80
4) n-Nitrosodimethylamine	3.96	42	60246	38.30	ng	97
6) Aniline	6.98	93	131875	27.51	ng	# 90
8) 2-Chlorophenol	7.12	128	114459	37.82	ng	93
9) Benzaldehyde	6.88	77	79269	39.41	ng	# 86
10) Phenol	6.95	94	167197	43.97	ng	81
11) bis(2-Chloroethyl)ether	7.05	93	116753	38.70	ng	89
12) 1,3-Dichlorobenzene	7.28	146	125567	34.54	ng	97
13) 1,4-Dichlorobenzene	7.35	146	140918m	40.76	ng	
14) 1,2-Dichlorobenzene	7.51	146	130098	38.67	ng	98
15) Benzyl Alcohol	7.45	79	105036	36.87	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	7.60	45	193705	43.26	ng	85
17) 2-Methylphenol	7.57	107	98272	38.02	ng	# 89
18) Hexachloroethane	7.85	117	42864	37.24	ng	92
19) n-Nitroso-di-n-propylamine	7.73	70	96099	39.73	ng	# 75
20) 3+4-Methylphenols	7.72	107	139368	41.78	ng	92
22) Acetophenone	7.73	105	165958	36.75	ng	# 79
24) Nitrobenzene	7.91	77	134335	39.10	ng	# 73
25) Isophorone	8.15	82	233955	34.92	ng	# 96
26) 2-Nitrophenol	8.23	139	63393	44.08	ng	# 65
27) 2,4-Dimethylphenol	8.25	122	123801	41.28	ng	# 84
28) bis(2-Chloroethoxy)methane	8.34	93	140322	35.65	ng	# 91
29) 2,4-Dichlorophenol	8.47	162	115849	45.11	ng	99
30) 1,2,4-Trichlorobenzene	8.56	180	114162	39.14	ng	97
31) Naphthalene	8.64	128	331943m	32.76	ng	
32) Benzoic acid	8.31	122	57667	31.80	ng	# 63
33) 4-Chloroaniline	8.69	127	95993m	22.14	ng	
34) Hexachlorobutadiene	8.77	225	70817	39.43	ng	97
35) Caprolactam	9.02	113	30630	36.74	ng	# 70
36) 4-Chloro-3-methylphenol	9.16	107	110350	38.09	ng	92
37) 2-Methylnaphthalene	9.34	142	250090	38.16	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	9.51	216	120195	38.52	ng	99
40) Hexachlorocyclopentadiene	9.50	237	119093	74.63	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061815\
 Data File : BF080046.D
 Acq On : 18 Jun 2015 15:03
 Operator : TP/IZ
 Sample : PB84072BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB84072BS

Manual Integrations
 APPROVED

apatel
 6/19/2015 1:31:44 PM

Quant Time: Jun 19 11:21:48 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 11:05:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.61	196	80306	37.83	ng	100
43) 2,4,5-Trichlorophenol	9.66	196	81280	33.23	ng #	90
45) 1,1'-Biphenyl	9.81	154	320342	36.72	ng	96
46) 2-Chloronaphthalene	9.83	162	227019	32.07	ng #	90
47) 2-Nitroaniline	9.92	65	71710	36.91	ng	89
48) Acenaphthylene	10.25	152	391555	33.14	ng	98
49) Dimethylphthalate	10.09	163	303971	37.71	ng #	97
50) 2,6-Dinitrotoluene	10.16	165	56905	35.21	ng #	91
51) Acenaphthene	10.44	154	252905	34.99	ng	90
52) 3-Nitroaniline	10.33	138	51027	27.37	ng #	95
53) 2,4-Dinitrophenol	10.44	184	58295	88.00	ng #	1
54) Dibenzofuran	10.61	168	353794	34.50	ng	96
55) 4-Nitrophenol	10.47	139	110242	73.97	ng #	43
56) 2,4-Dinitrotoluene	10.56	165	81000	39.50	ng #	69
57) Fluorene	10.95	166	294958	36.25	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.72	232	73854	35.77	ng	94
59) Diethylphthalate	10.80	149	296628	36.54	ng	96
60) 4-Chlorophenyl-phenylether	10.94	204	140056	35.81	ng	95
61) 4-Nitroaniline	10.95	138	65846	34.19	ng #	74
62) Azobenzene	11.10	77	300123	36.32	ng	89
64) 4,6-Dinitro-2-methylphenol	10.98	198	39346	37.83	ng #	64
65) n-Nitrosodiphenylamine	11.05	169	262411	35.77	ng	92
66) 4-Bromophenyl-phenylether	11.44	248	84497	35.27	ng	94
67) Hexachlorobenzene	11.52	284	86989	32.67	ng #	70
68) Atrazine	11.59	200	85573	36.92	ng	82
69) Pentachlorophenol	11.73	266	102388	67.87	ng	96
70) Phenanthrene	11.97	178	453896	33.28	ng	98
71) Anthracene	12.02	178	459930	35.02	ng	98
72) Carbazole	12.17	167	404112	32.23	ng	95
73) Di-n-butylphthalate	12.53	149	485238	33.49	ng #	98
74) Fluoranthene	13.32	202	488609	33.64	ng	91
76) Benzidine	13.44	184	272357	39.40	ng	97
77) Pyrene	13.59	202	507268	33.31	ng	97
79) Butylbenzylphthalate	14.37	149	221763	36.27	ng	92
80) Benzo(a)anthracene	15.15	228	493360	32.74	ng	97
81) 3,3'-Dichlorobenzidine	15.09	252	117183	22.55	ng #	93
82) Chrysene	15.19	228	457505	32.93	ng	95
83) Bis(2-ethylhexyl)phthalate	15.13	149	335360	34.70	ng #	90
84) Di-n-octyl phthalate	16.04	149	566229	34.19	ng	94
85) Indeno(1,2,3-cd)pyrene	19.08	276	536624	30.63	ng #	88
87) Benzo(b)fluoranthene	16.63	252	509749	35.67	ng #	87
88) Benzo(k)fluoranthene	16.67	252	442862	30.43	ng #	90
89) Benzo(a)pyrene	17.10	252	474551	34.97	ng #	89
90) Dibenzo(a,h)anthracene	19.10	278	448033	32.25	ng #	83
91) Benzo(g,h,i)perylene	19.64	276	447471	31.90	ng #	78

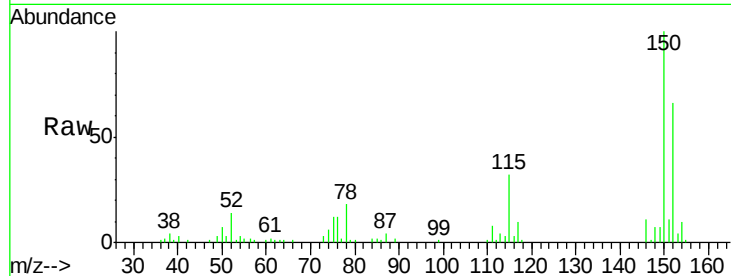
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.34 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

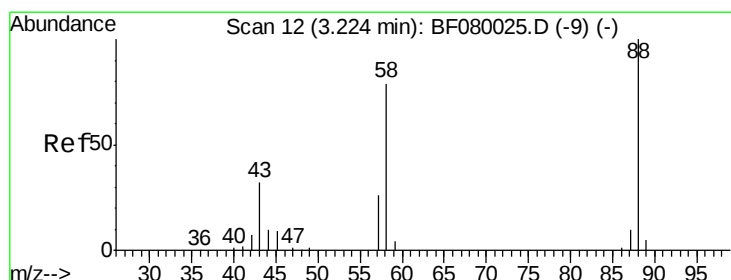
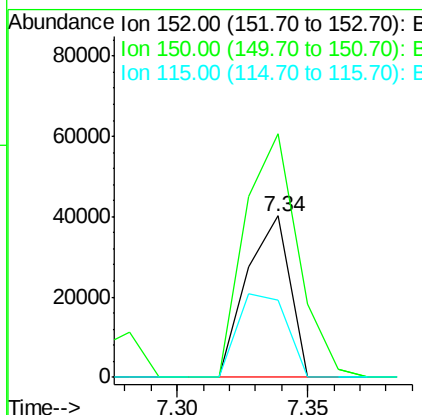
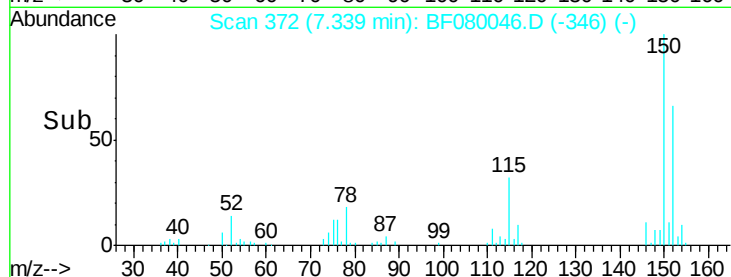
Instrument :
BNA_F
ClientSampleId :
PB84072BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.7	187.1
115	47.6	39.0	58.4

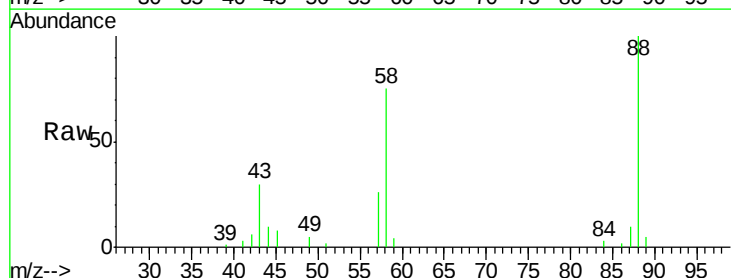
Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM

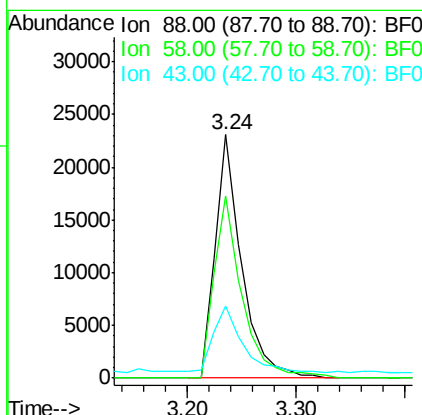
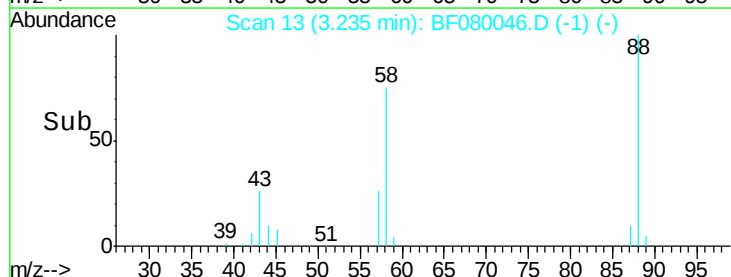


#2

1,4-Dioxane
Concen: 31.52 ng
RT: 3.24 min Scan# 13
Delta R.T. 0.02 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03



Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	77.7	116.5
43	30.1	26.6	40.0





#3

Pyridine

Concen: 33.23 ng

RT: 4.05 min Scan# 84

Delta R.T. 0.02 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

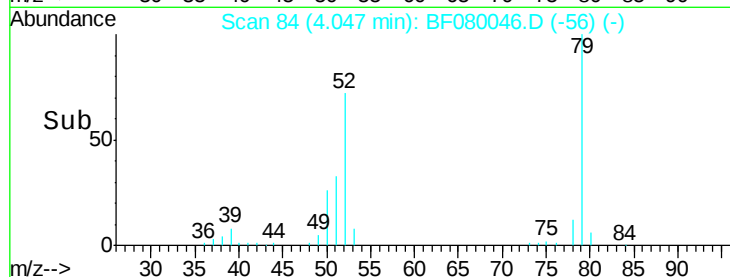
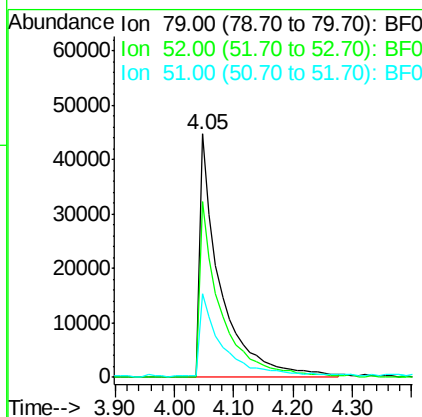
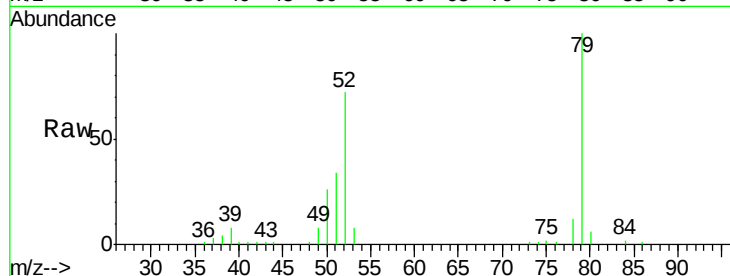
ClientSampleId :

PB84072BS

Tgt Ion:	79	Resp:	109984
Ion Ratio	Lower	Upper	
79	100		
52	72.4	76.8	115.2#
51	34.1	32.2	48.4

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM



#4

n-Nitrosodimethylamine

Concen: 38.30 ng

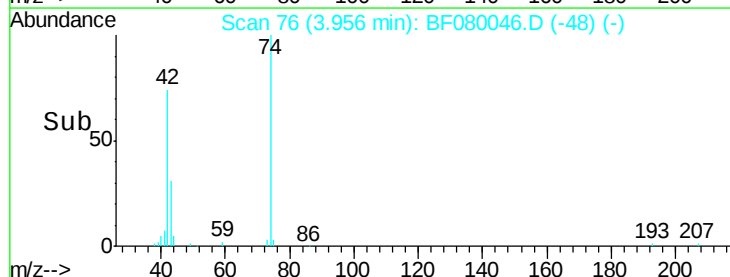
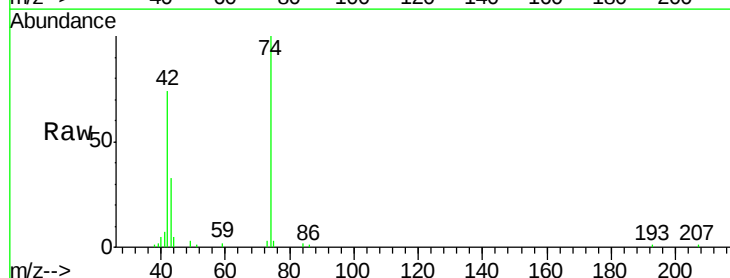
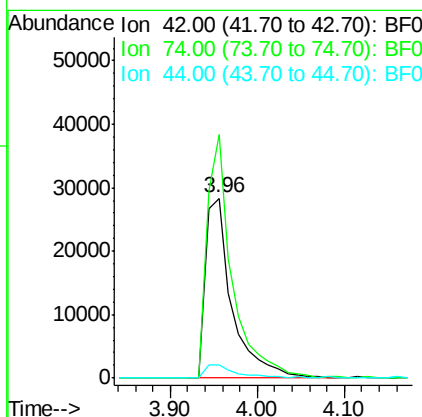
RT: 3.96 min Scan# 76

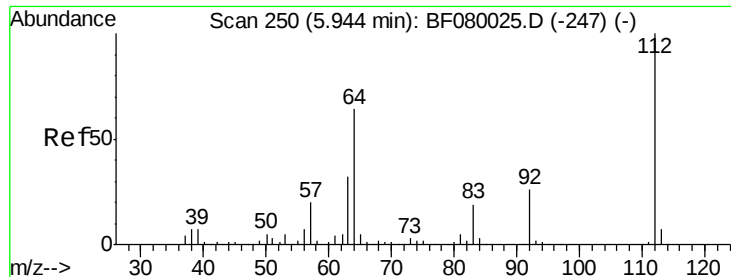
Delta R.T. 0.02 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion:	42	Resp:	60246
Ion Ratio	Lower	Upper	
42	100		
74	135.3	105.0	157.6
44	7.2	6.6	10.0





#5

2-Fluorophenol

Concen: 131.29 ng

RT: 5.94 min Scan# 250

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

Tgt Ion: 112 Resp: 343768
Ion Ratio Lower Upper

112 100

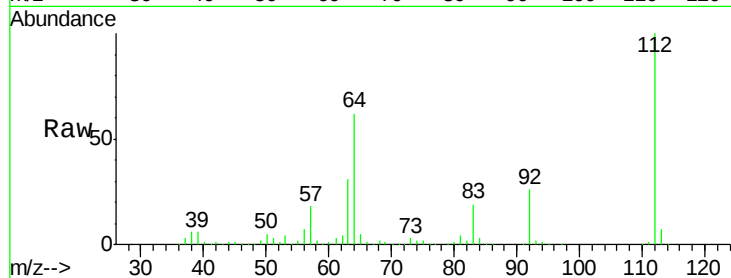
64 61.6 39.7 59.5#

63 30.8 17.4 26.0#

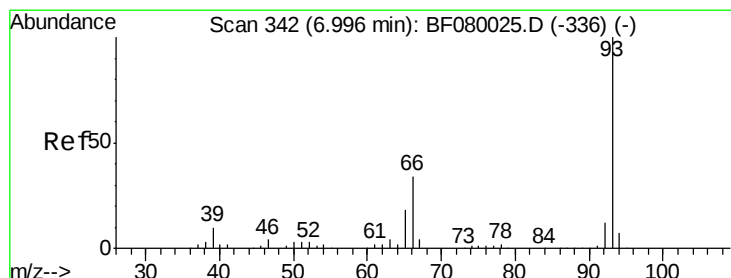
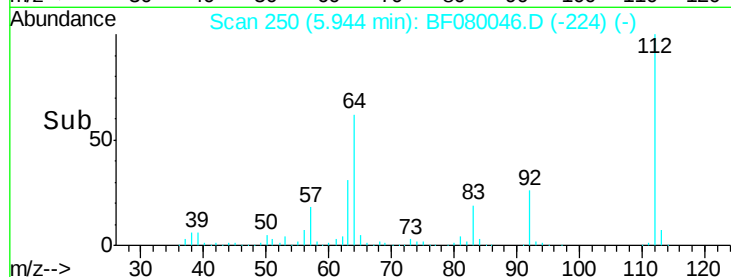
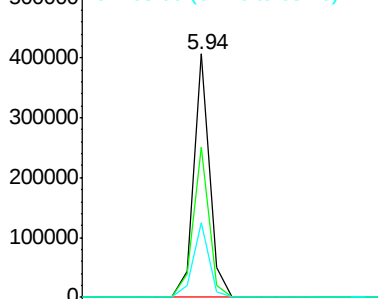
Manual Integrations
APPROVED

apatel

6/19/2015 1:31:44 PM



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.51 ng

RT: 6.98 min Scan# 341

Delta R.T. 0.00 min

Lab File: BF080046.D

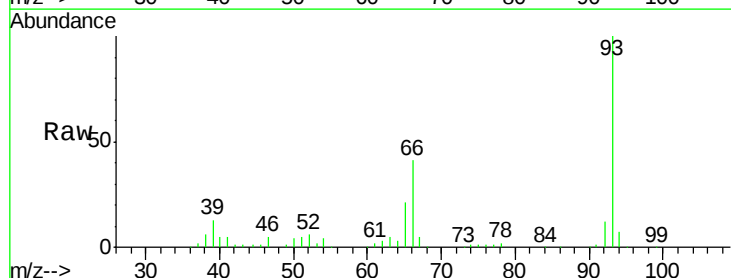
Acq: 18 Jun 2015 15:03

Tgt Ion: 93 Resp: 131875
Ion Ratio Lower Upper

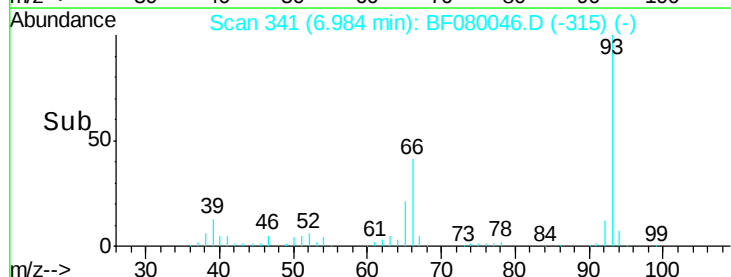
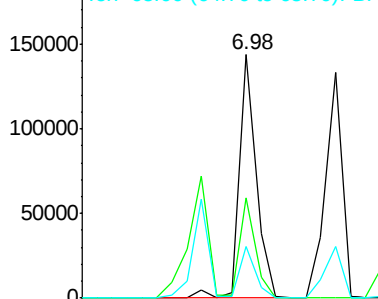
93 100

66 41.3 27.2 40.8#

65 21.0 14.7 22.1



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.39 ng

RT: 6.94 min Scan# 337

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

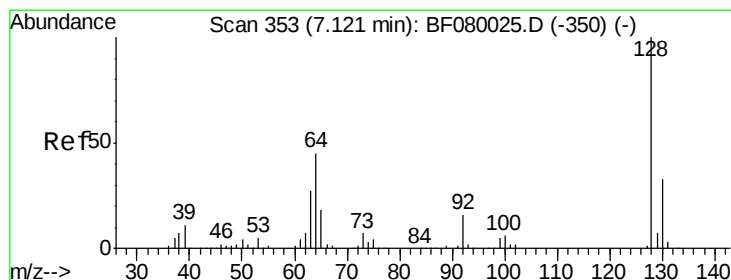
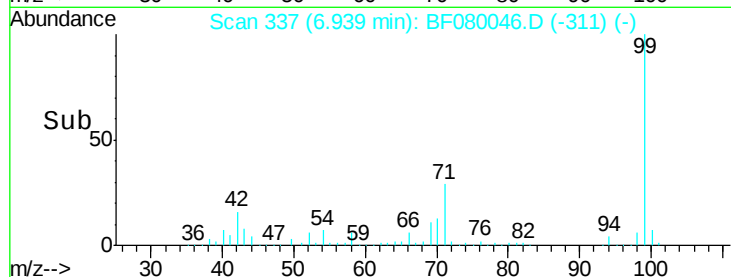
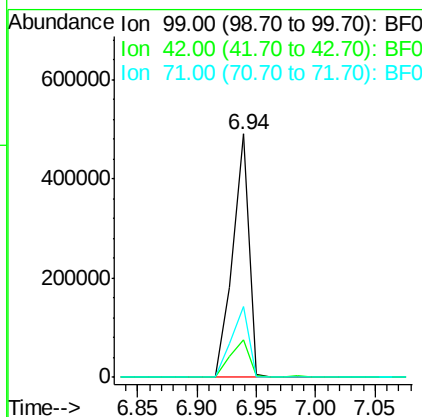
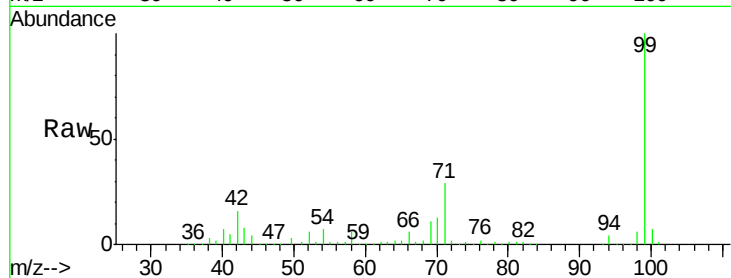
ClientSampleId :

PB84072BS

Tgt Ion:	99	Resp:	468241
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.7	20.5
71	29.3	14.2	21.2#

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM



#8

2-Chlorophenol

Concen: 37.82 ng

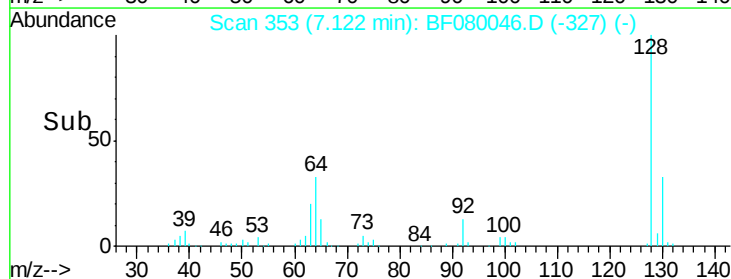
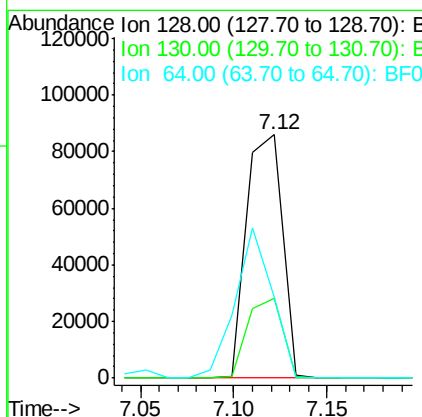
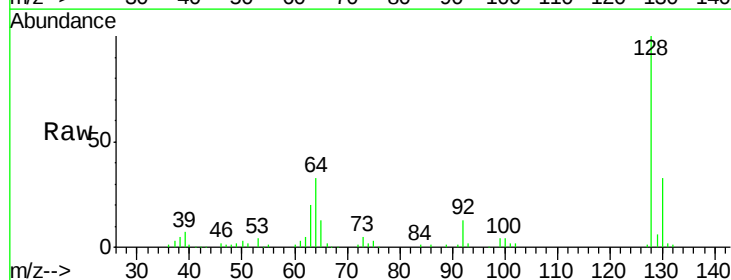
RT: 7.12 min Scan# 353

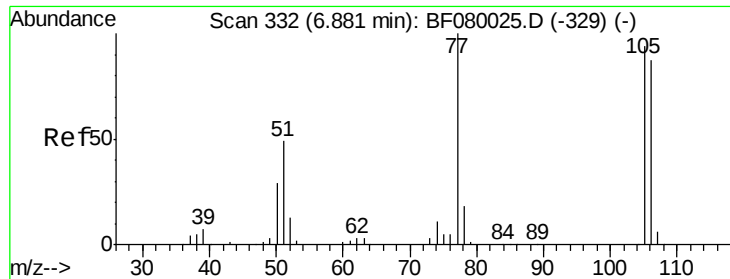
Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion:	128	Resp:	114459
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.2	52.2
64	33.3	20.5	60.5





#9

Benzaldehyde

Concen: 39.41 ng

RT: 6.88 min Scan# 332

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

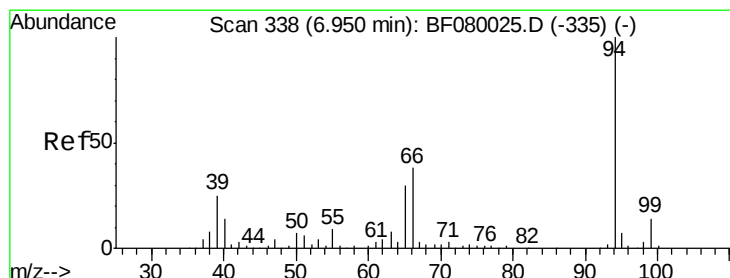
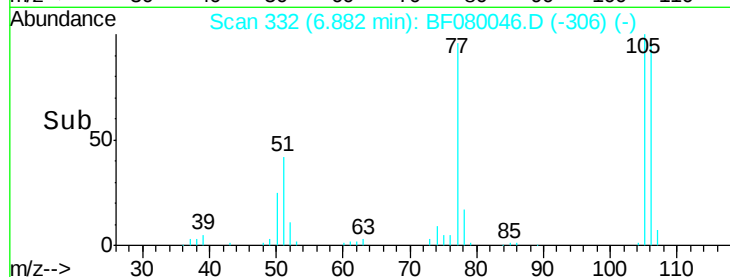
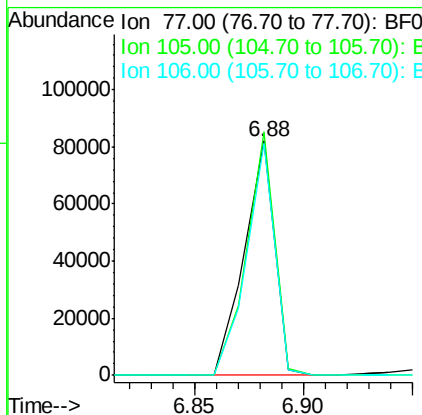
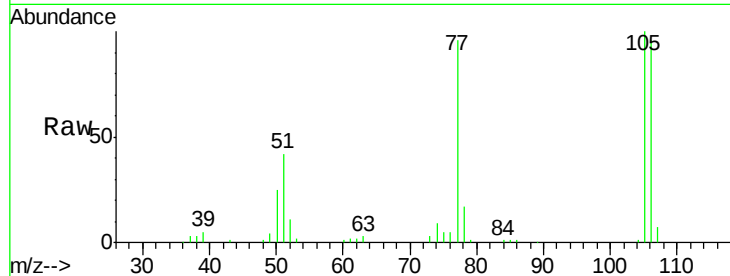
PB84072BS

Manual Integrations
APPROVED

apatel

6/19/2015 1:31:44 PM

Tgt Ion	Ratio	Lower	Upper
77	100		
105	104.0	91.6	131.6
106	99.3	102.6	142.6



#10

Phenol

Concen: 43.97 ng

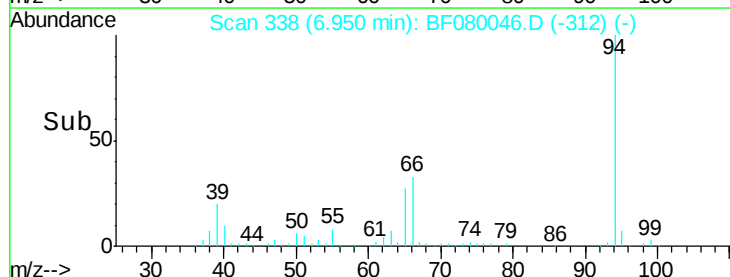
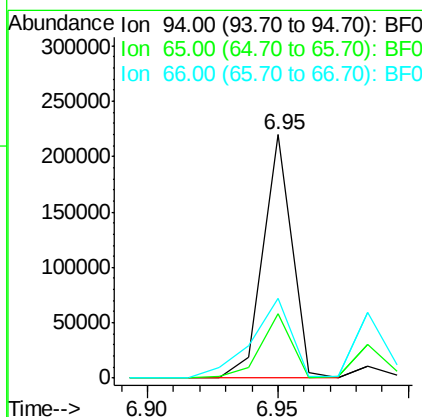
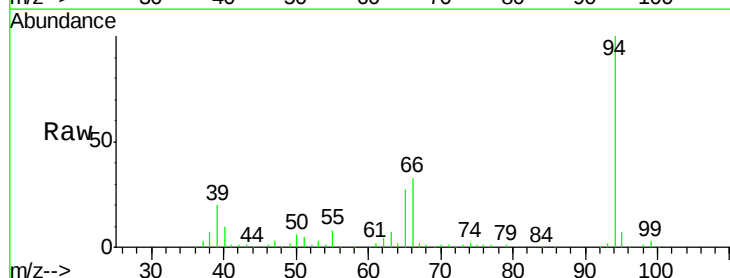
RT: 6.95 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.6	0.7	40.7
66	32.9	0.8	40.8





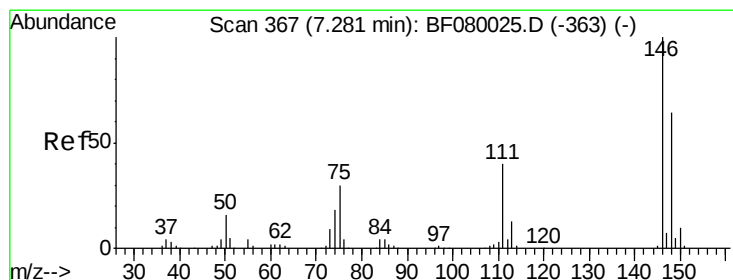
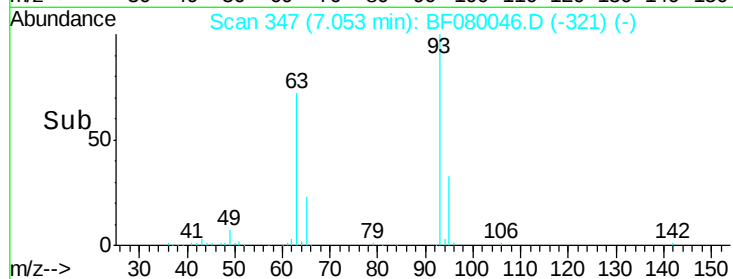
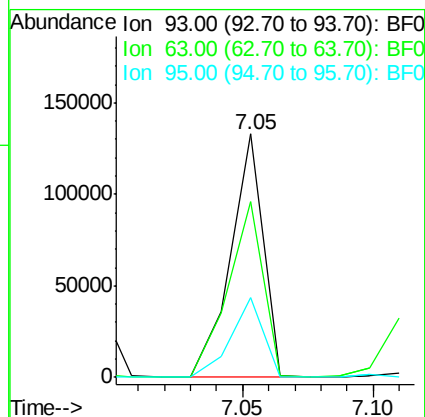
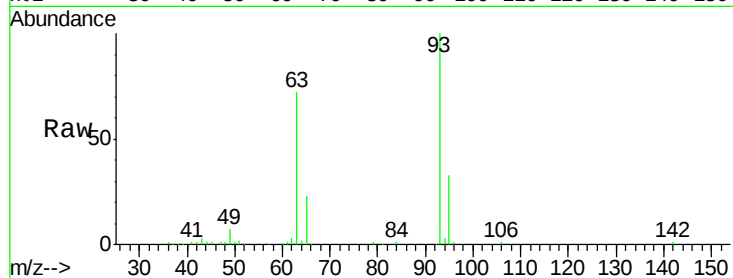
#11
bis(2-Chloroethyl)ether
Concen: 38.70 ng
RT: 7.05 min Scan# 347
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	116753		
63	72.1	65.6	105.6	
95	32.9	13.6	53.6	

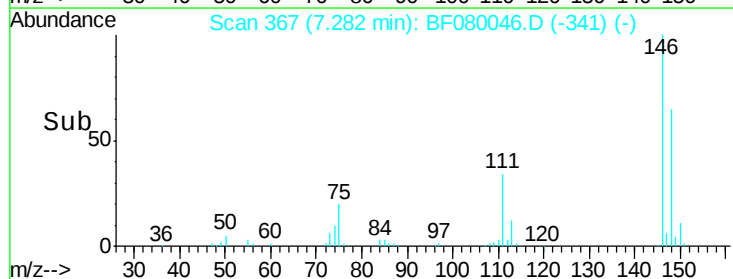
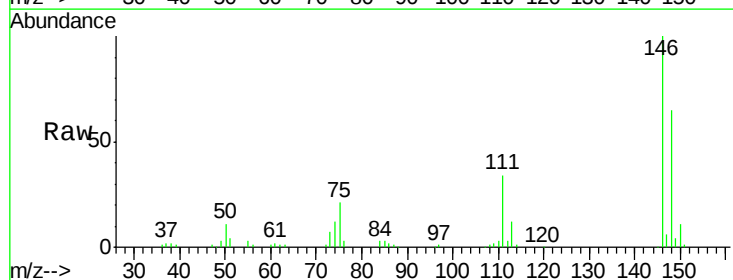
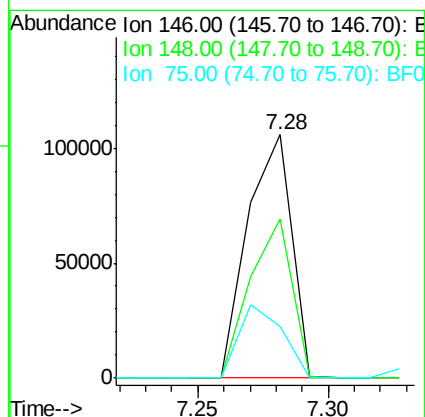
Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM



#12
1,3-Dichlorobenzene
Concen: 34.54 ng
RT: 7.28 min Scan# 367
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	125567		
148	65.2	51.0	76.4	
75	21.2	15.0	22.6	





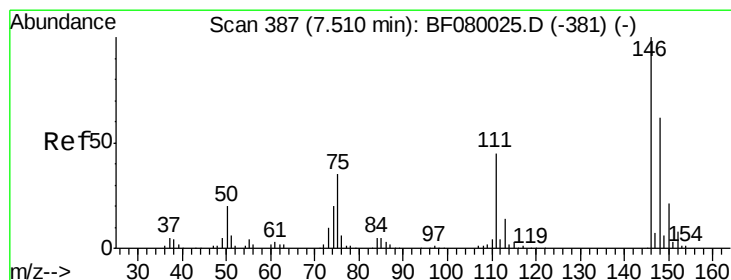
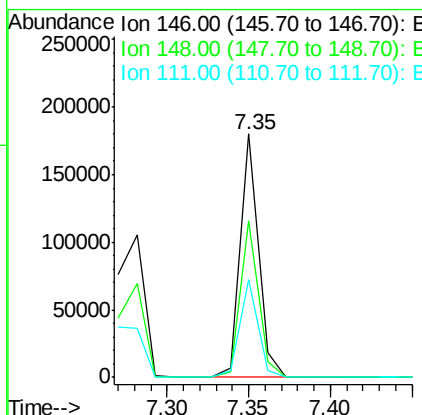
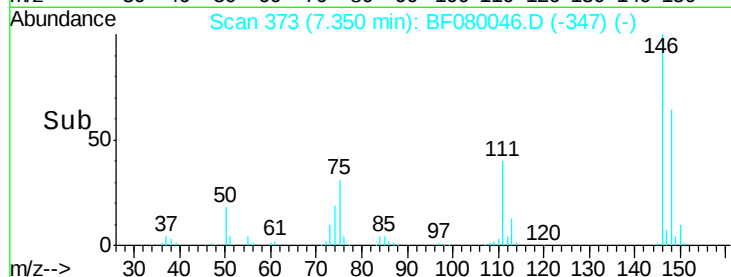
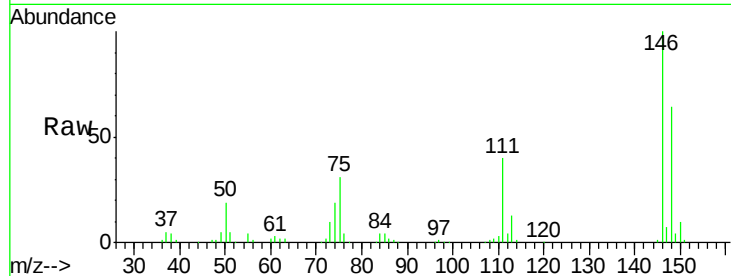
#13
 1,4-Dichlorobenzene
 Concen: 40.76 ng m
 RT: 7.35 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
111	40.3	24.9	37.3

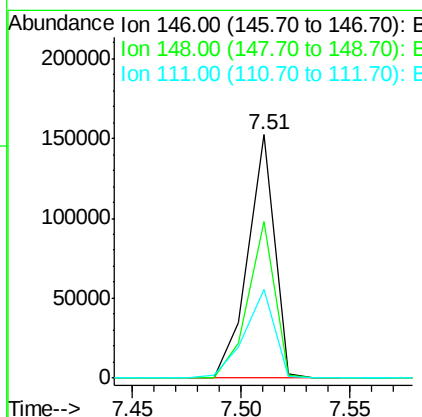
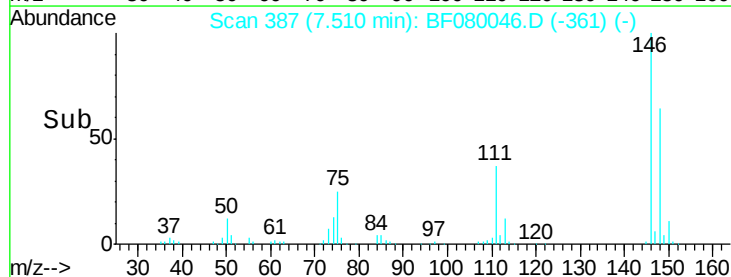
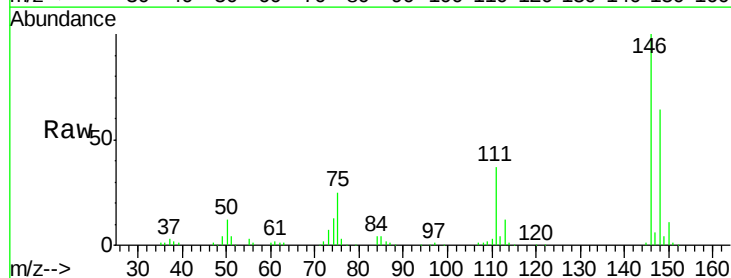
Manual Integrations
 APPROVED

apatel
 6/19/2015 1:31:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.67 ng
 RT: 7.51 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.7	79.1
111	36.6	28.8	43.2





#15

Benzyl Alcohol

Concen: 36.87 ng

RT: 7.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

Tgt Ion: 79 Resp: 105036
Ion Ratio Lower Upper

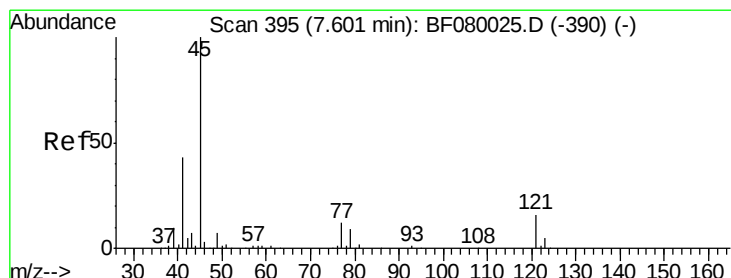
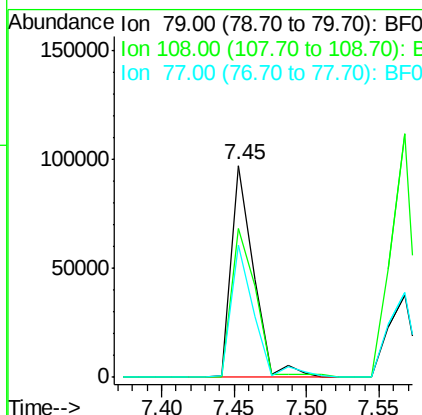
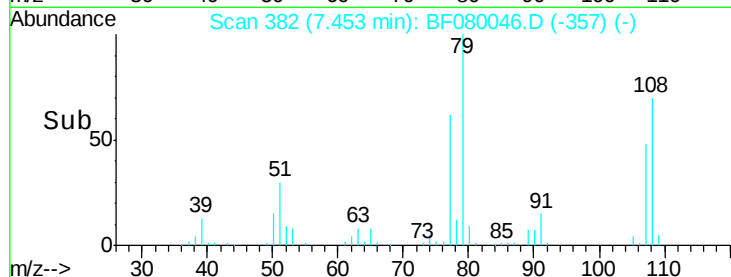
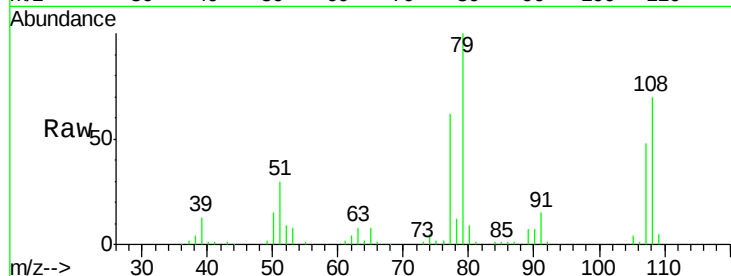
79 100

108 70.3 88.6 132.8#

77 62.2 47.0 70.4

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.26 ng

RT: 7.60 min Scan# 395

Delta R.T. 0.00 min

Lab File: BF080046.D

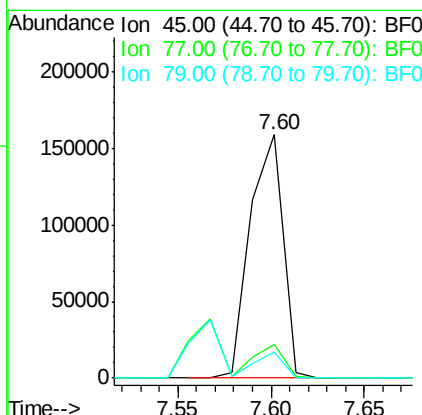
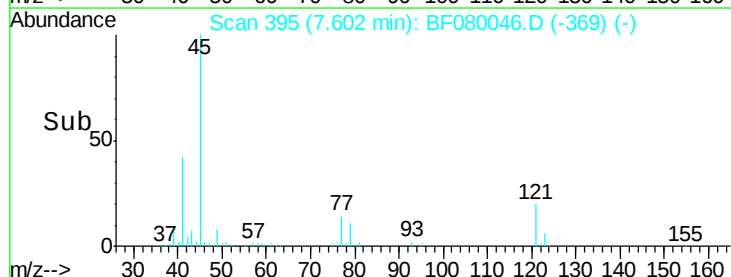
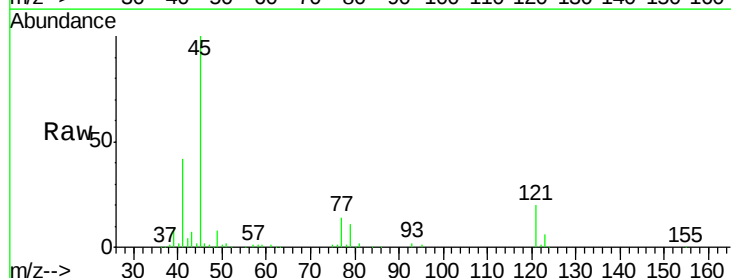
Acq: 18 Jun 2015 15:03

Tgt Ion: 45 Resp: 193705
Ion Ratio Lower Upper

45 100

77 13.6 0.0 28.1

79 10.7 0.0 26.0





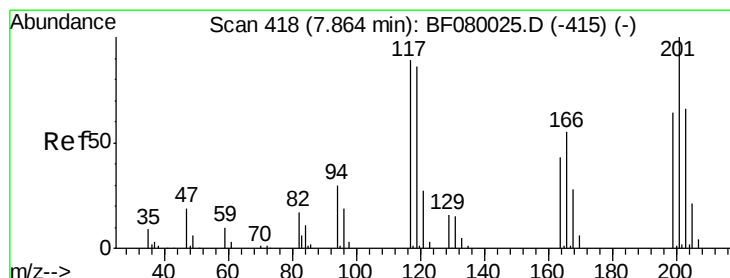
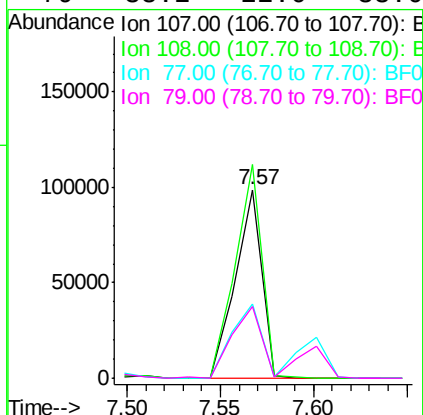
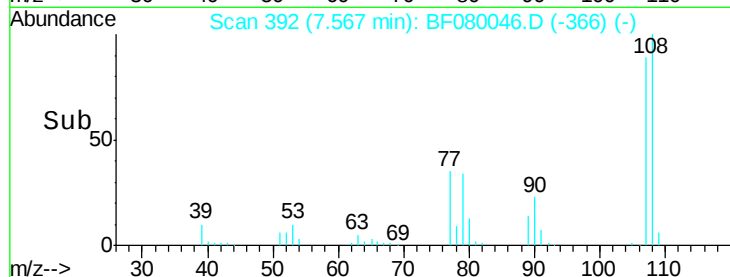
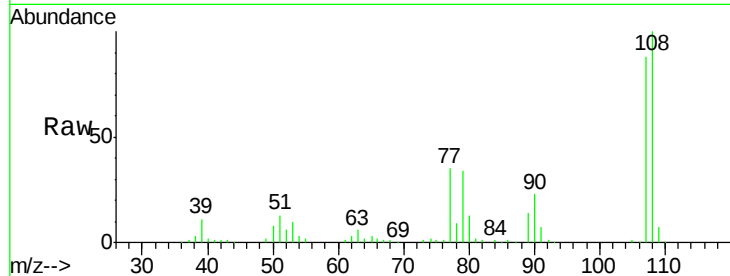
#17
2-Methylphenol
Concen: 38.02 ng
RT: 7.57 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	98272		
108	113.3	96.6	145.0	
77	39.4	23.3	34.9	
79	38.2	22.0	33.0	

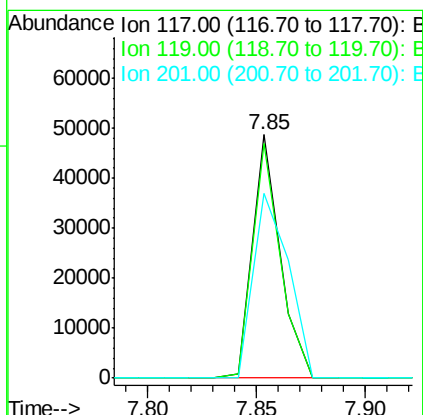
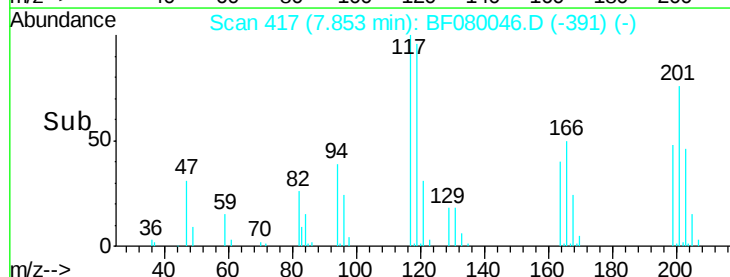
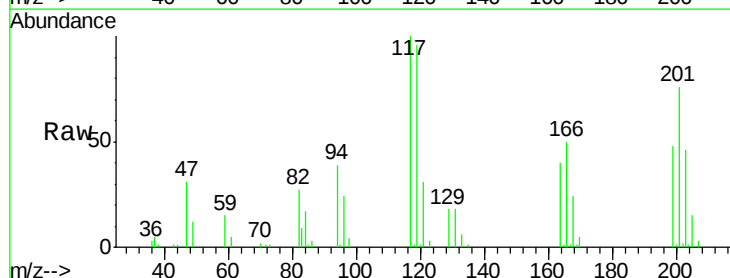
Manual Integrations
APPROVED

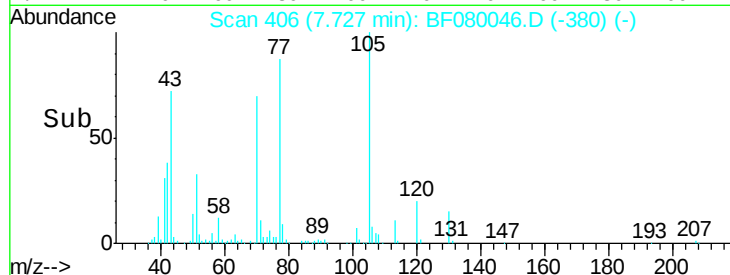
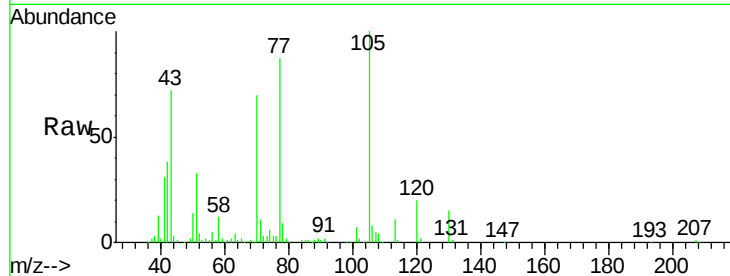
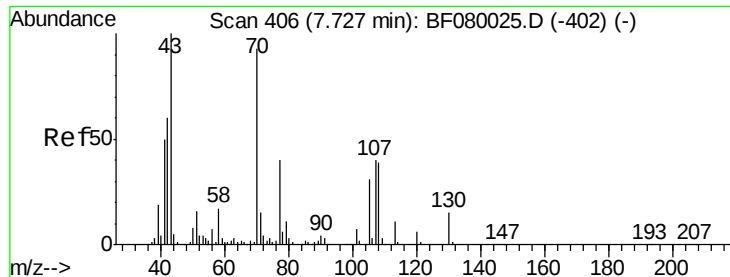
apatel
6/19/2015 1:31:44 PM



#18
Hexachloroethane
Concen: 37.24 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42864		
119	96.4	83.8	125.6	
201	75.9	55.1	82.7	





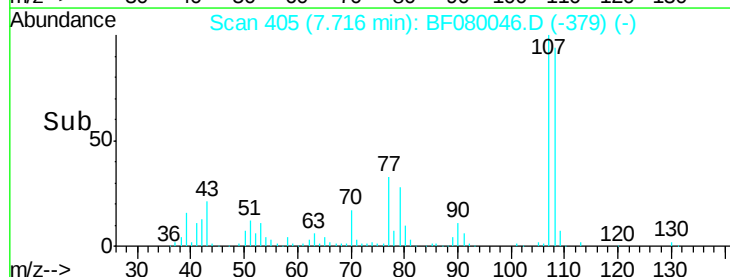
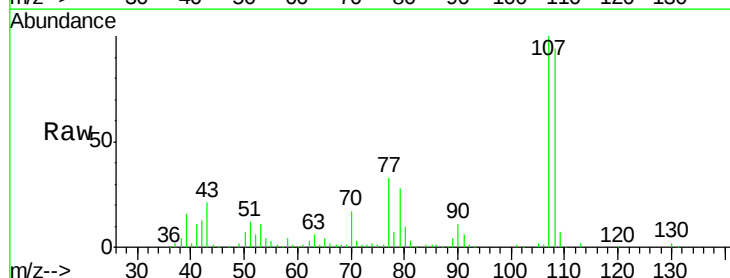
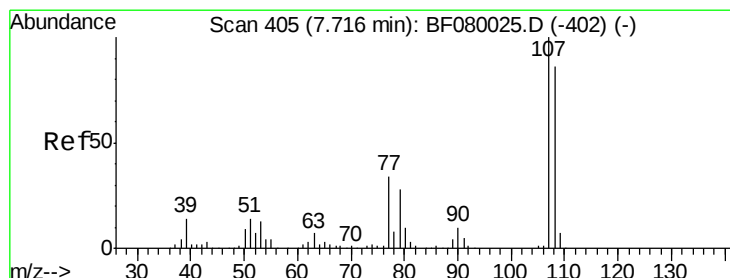
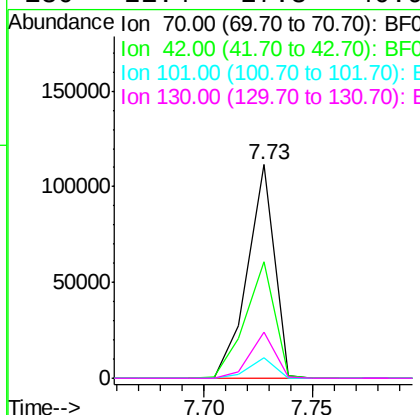
#19
n-Nitroso-di-n-propylamine
Concen: 39.73 ng
RT: 7.73 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Manual Integrations
APPROVED

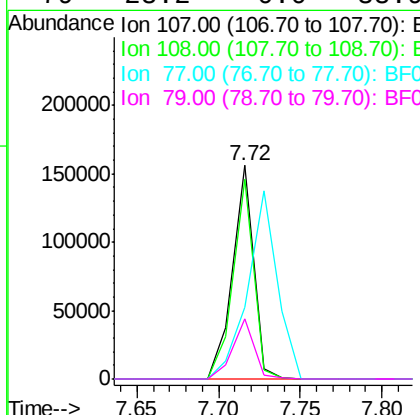
apatel
6/19/2015 1:31:44 PM

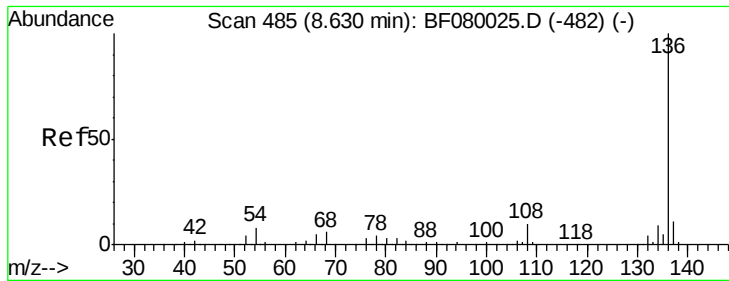
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.3	63.8	95.6#
101	9.6	9.2	13.8
130	21.4	27.3	40.9#



#20
3+4-Methylphenols
Concen: 41.78 ng
RT: 7.72 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

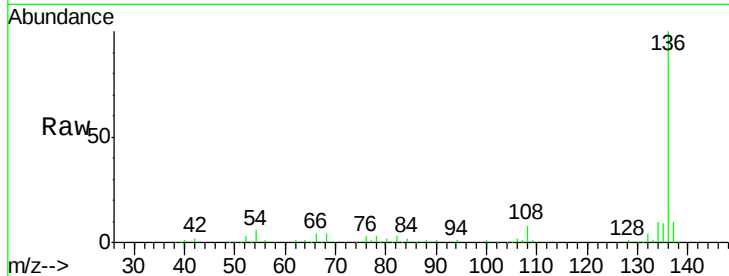
Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.7	74.6	114.6
77	33.4	0.7	40.7
79	28.2	0.0	38.9





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.63 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

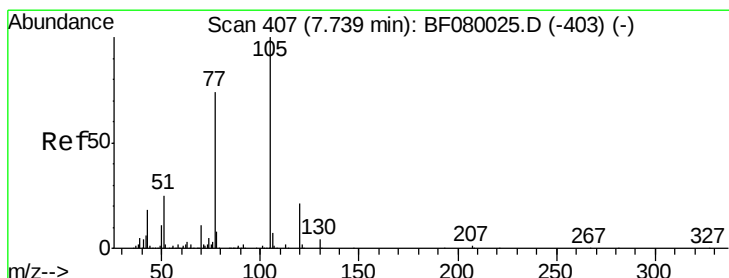
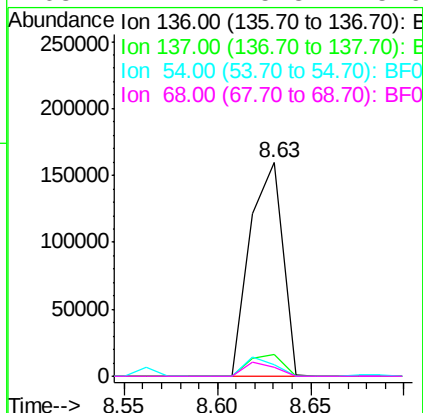
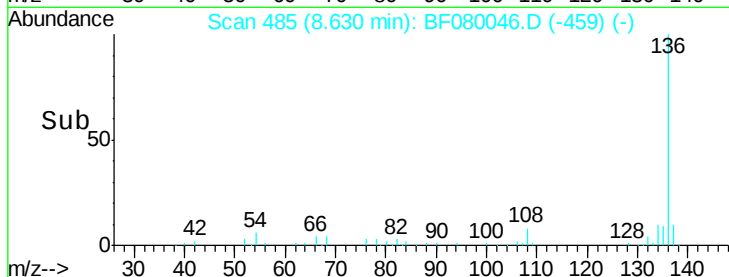
Instrument :
BNA_F
ClientSampleId :
PB84072BS



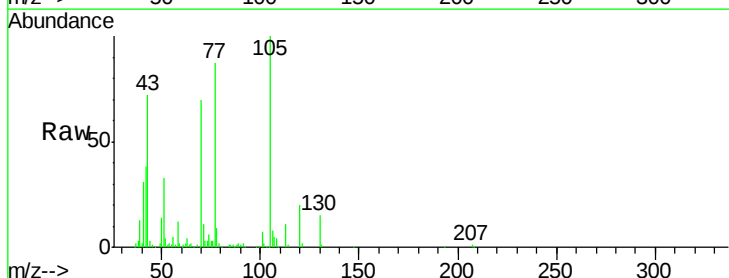
Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.2	9.0	13.6
54	5.6	8.2	12.2#
68	4.2	5.8	8.6#

Manual Integrations
APPROVED

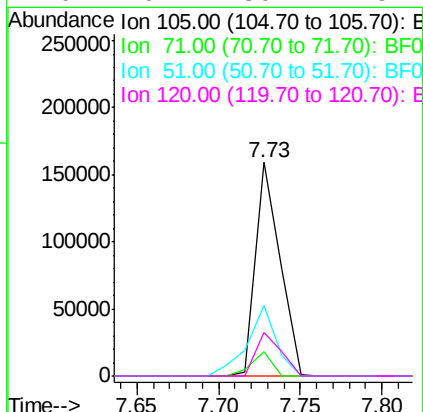
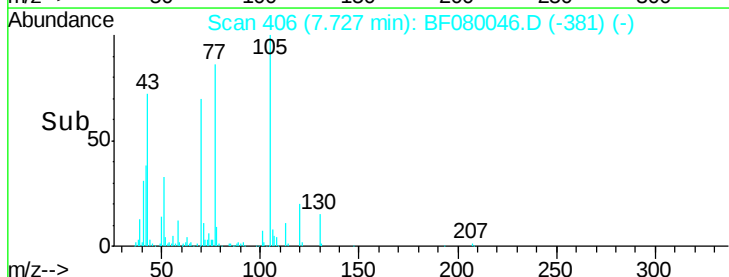
apatel
6/19/2015 1:31:44 PM



#22
Acetophenone
Concen: 36.75 ng
RT: 7.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03



Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	11.3	4.7	7.1#
51	33.3	22.0	33.0#
120	20.1	30.1	45.1#





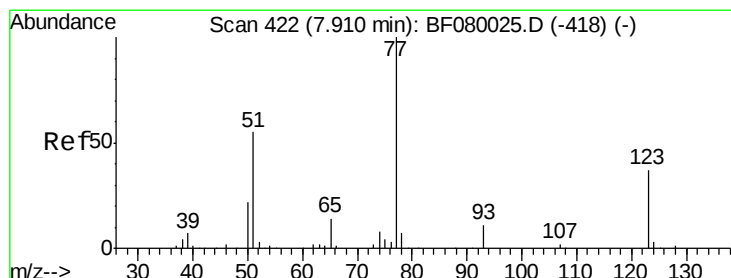
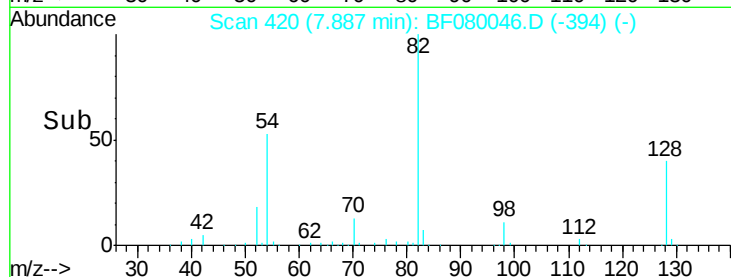
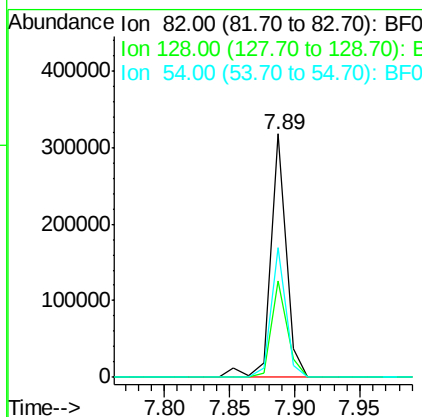
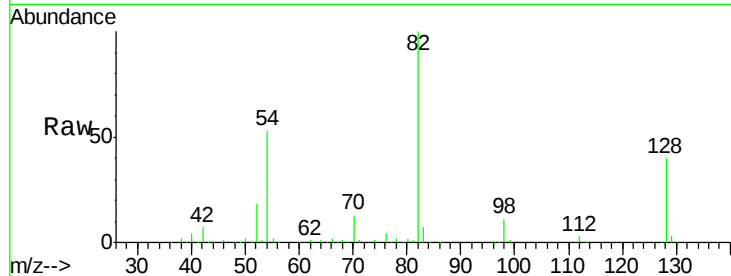
#23
Nitrobenzene-d5
Concen: 80.65 ng
RT: 7.89 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	51.0	76.6#
54	53.4	47.5	71.3

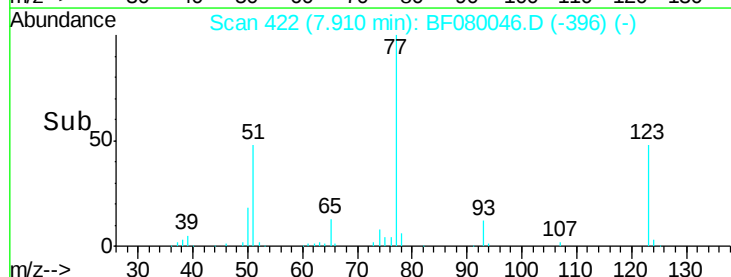
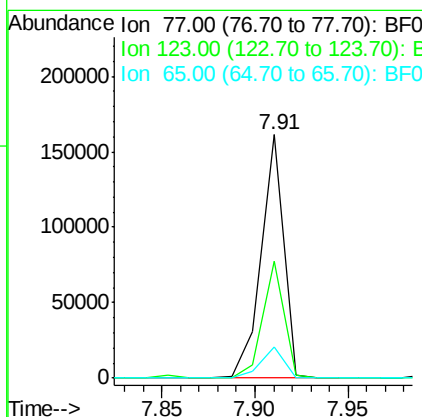
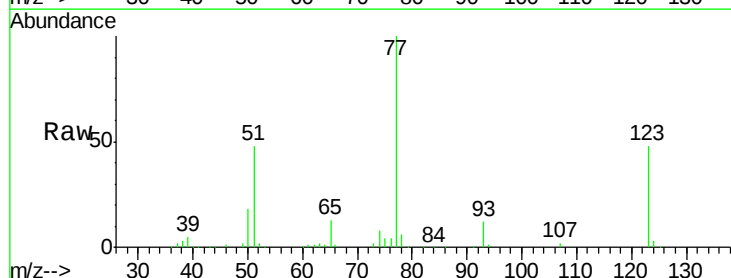
Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM



#24
Nitrobenzene
Concen: 39.10 ng
RT: 7.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.9	59.8	89.8#
65	12.5	10.2	15.4





#25

Isophorone

Concen: 34.92 ng

RT: 8.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS

Tgt Ion: 82 Resp: 233955
Ion Ratio Lower Upper

82 100

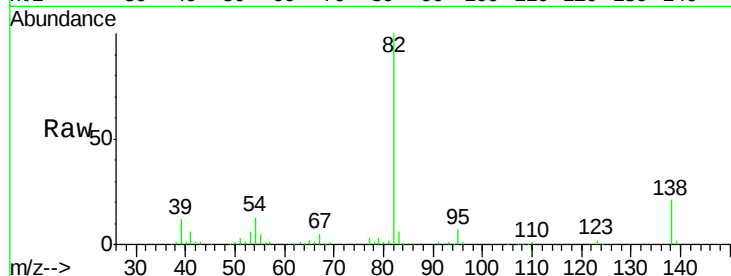
95 7.2 4.0 6.0#

138 21.0 18.3 27.5

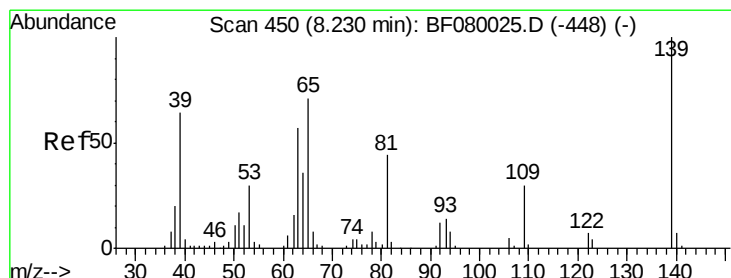
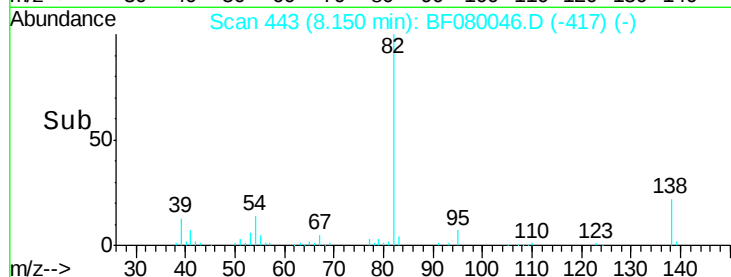
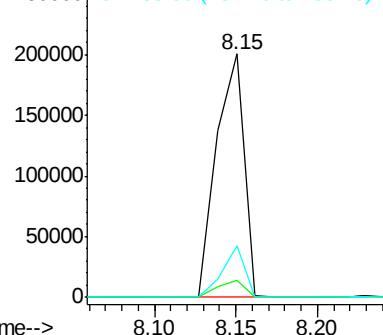
Manual Integrations
APPROVED

apatel

6/19/2015 1:31:44 PM



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: 44.08 ng

RT: 8.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF080046.D

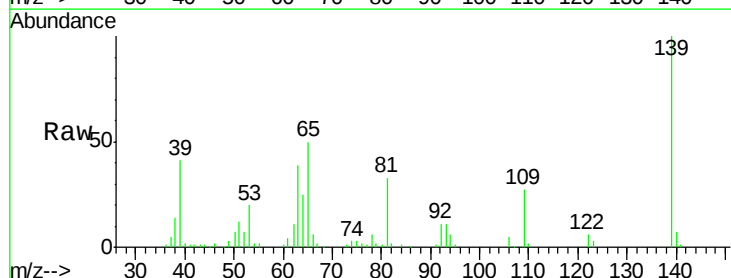
Acq: 18 Jun 2015 15:03

Tgt Ion: 139 Resp: 63393
Ion Ratio Lower Upper

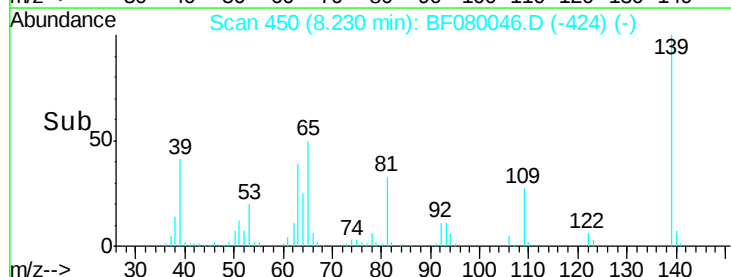
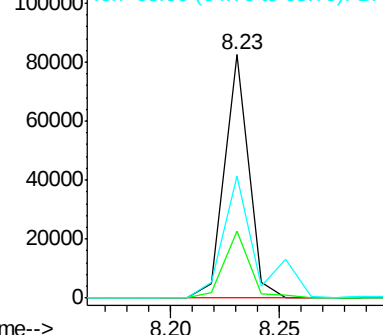
139 100

109 27.4 11.0 16.4#

65 50.0 24.7 37.1#



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





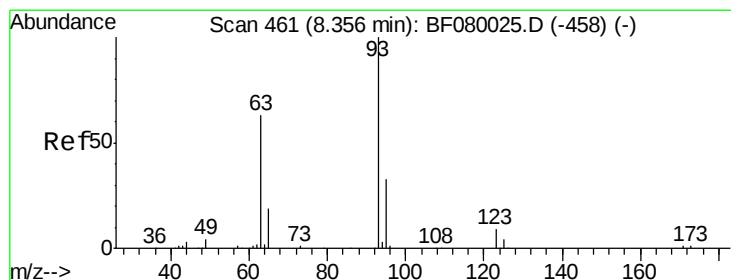
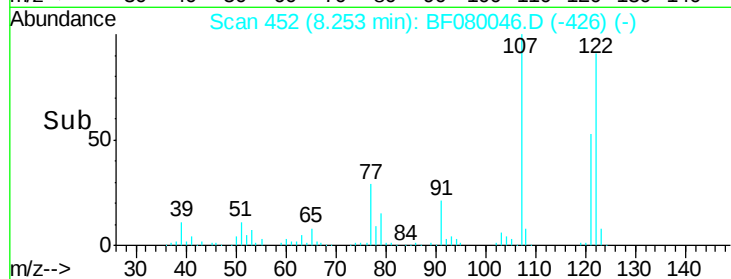
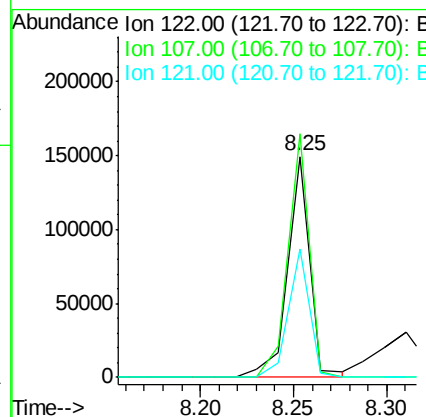
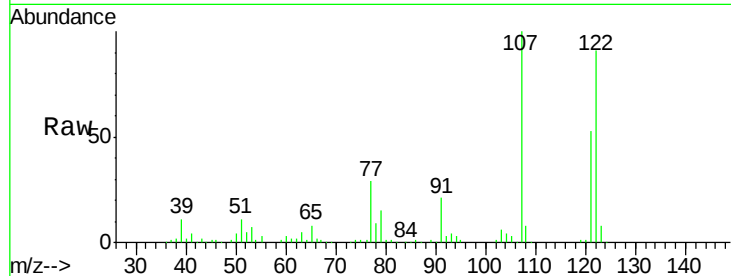
#27
 2,4-Dimethylphenol
 Concen: 41.28 ng
 RT: 8.25 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	123801		
107	110.1	71.8	107.6#	
121	58.1	42.3	63.5	

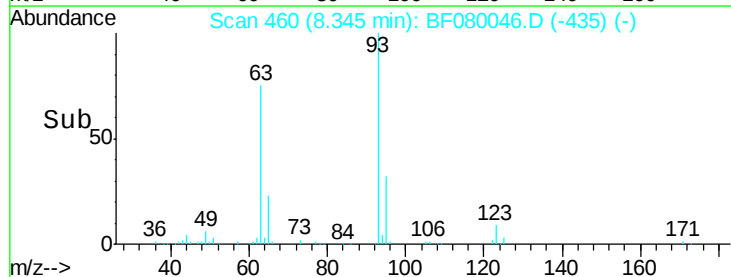
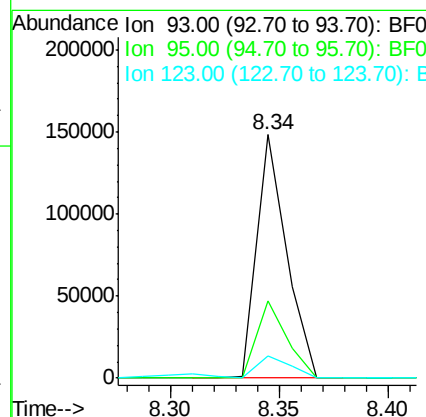
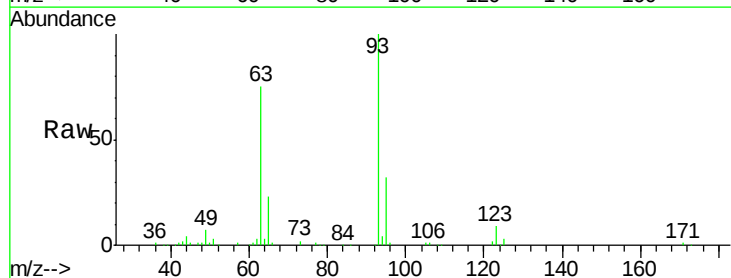
Manual Integrations
 APPROVED

apatel
 6/19/2015 1:31:44 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.65 ng
 RT: 8.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	140322		
95	31.9	27.5	41.3	
123	9.4	13.7	20.5#	





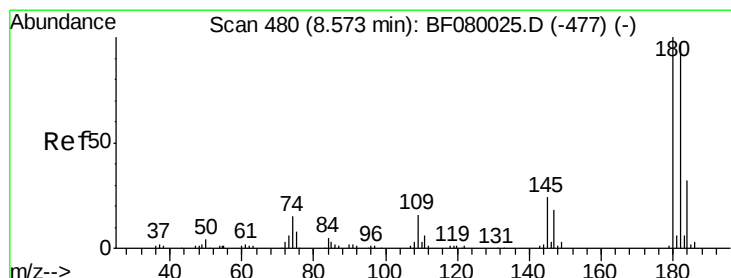
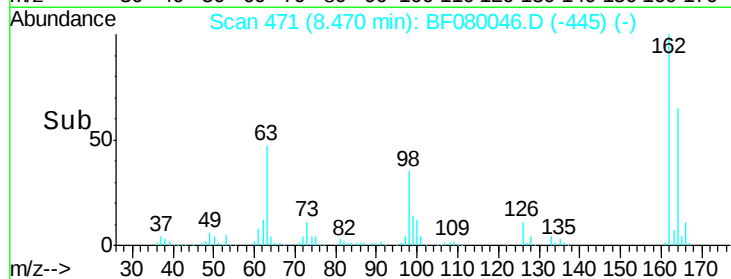
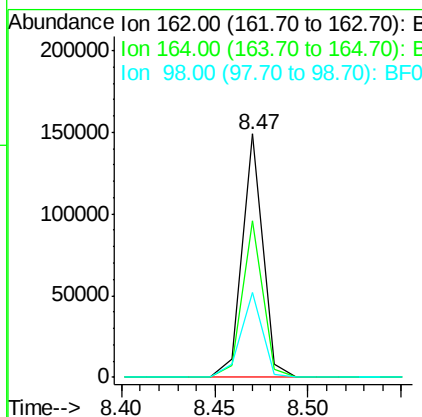
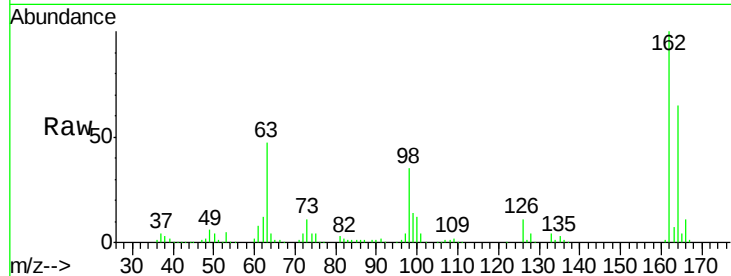
#29
 2,4-Dichlorophenol
 Concen: 45.11 ng
 RT: 8.47 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	115849		
164	64.5	44.9	84.9	
98	34.7	13.0	53.0	

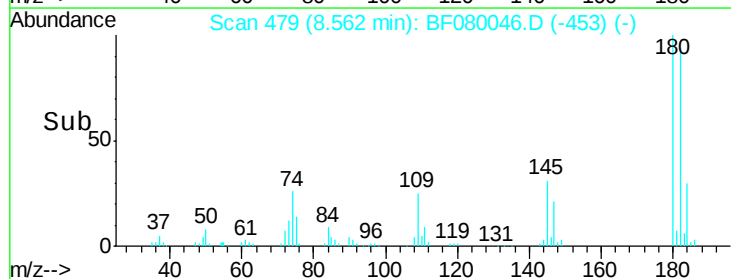
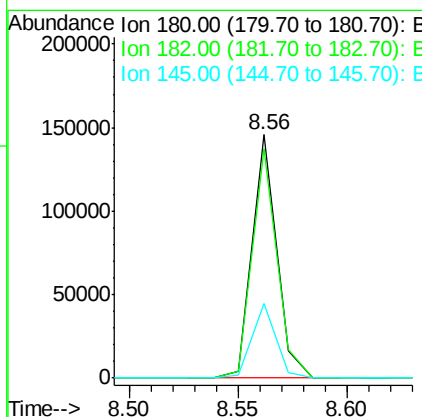
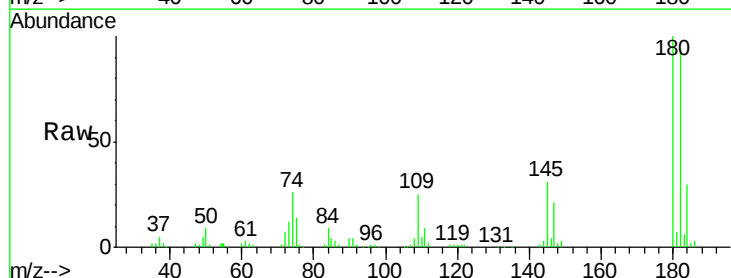
Manual Integrations
 APPROVED

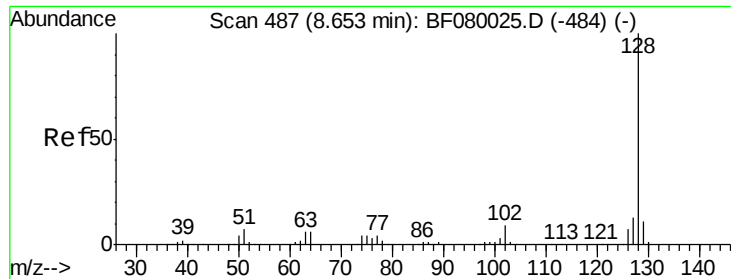
apatel
 6/19/2015 1:31:44 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.14 ng
 RT: 8.56 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	114162		
182	94.1	77.1	115.7	
145	30.9	23.3	34.9	





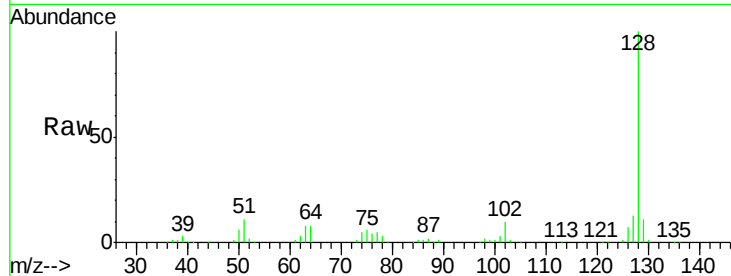
#31
Naphthalene
Concen: 32.76 ng m
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

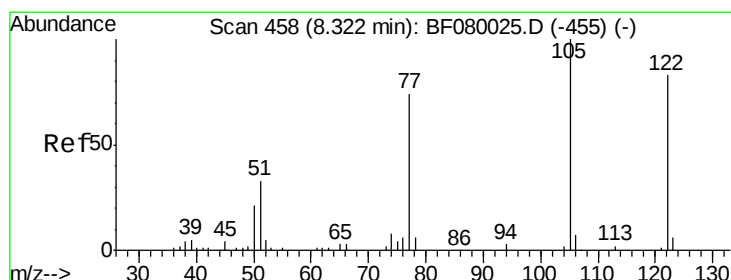
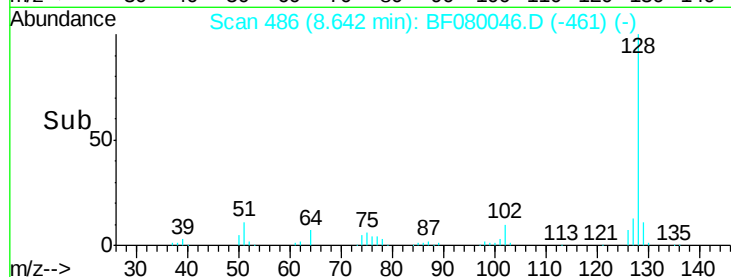
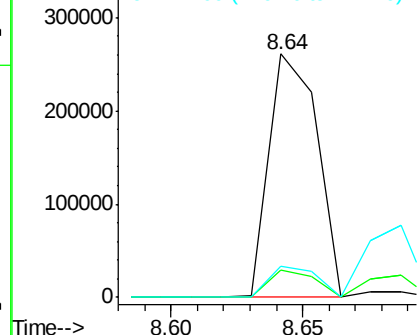
Tgt Ion	Ratio	Resp	Lower	Upper
128	100	331943		
129	11.3	8.4	12.6	
127	13.0	9.9	14.9	

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM

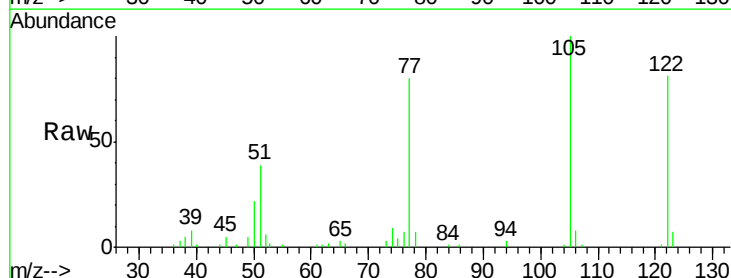


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

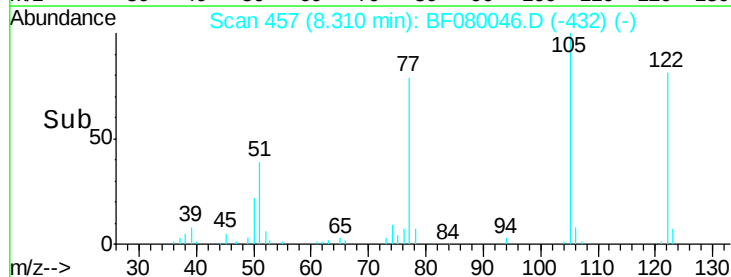
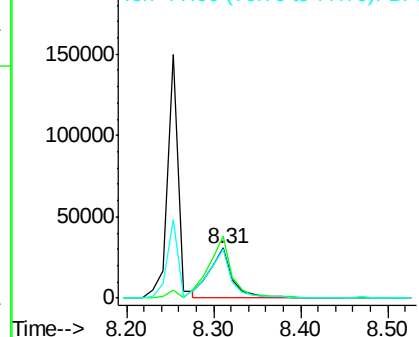


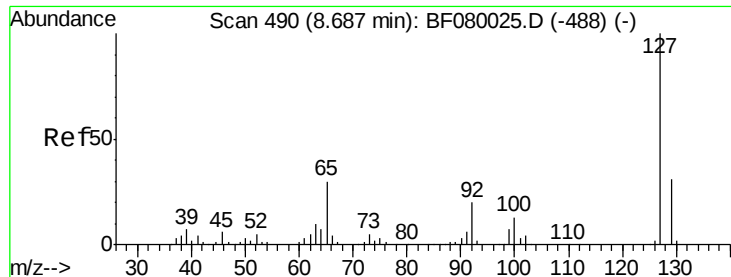
#32
Benzoic acid
Concen: 31.80 ng
RT: 8.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	57667		
105	123.6	76.1	116.1#	
77	98.7	40.5	80.5#	



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





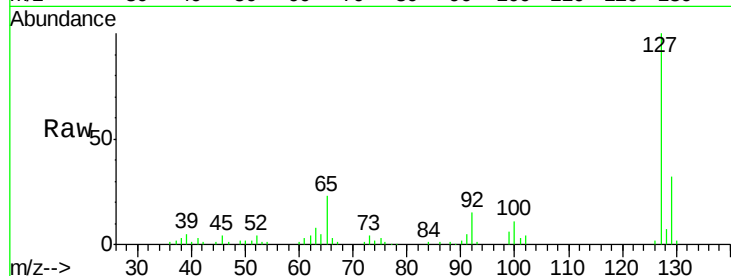
#33
4-Chloroaniline
Concen: 22.14 ng m
RT: 8.69 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

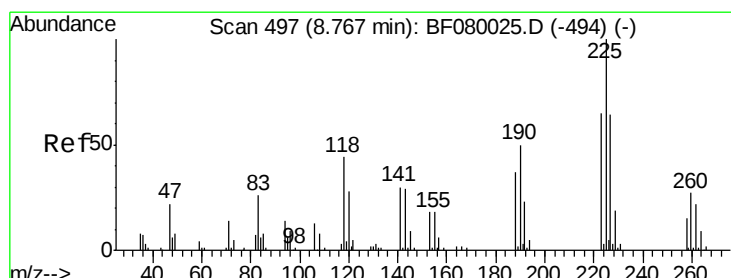
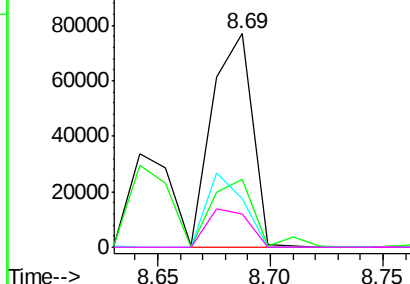
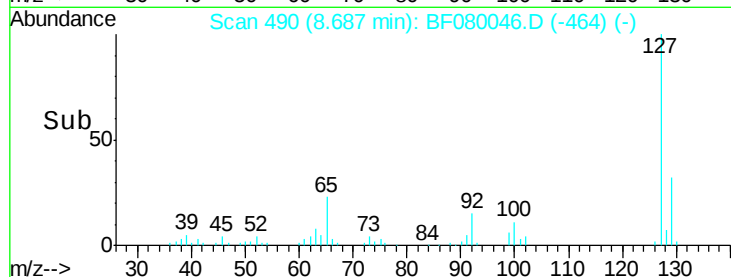
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	95993		
129	31.7	25.8	38.6	
65	22.5	17.9	26.9	
92	15.4	10.5	15.7	

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM

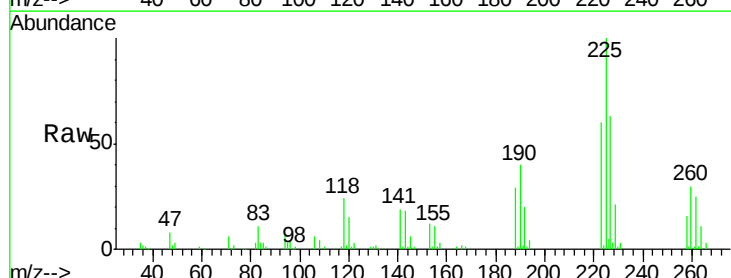


Abundance Ion 127.00 (126.70 to 127.70): E
120000
Ion 129.00 (128.70 to 129.70): E
100000
Ion 65.00 (64.70 to 65.70): BF0
80000
Ion 92.00 (91.70 to 92.70): BF0

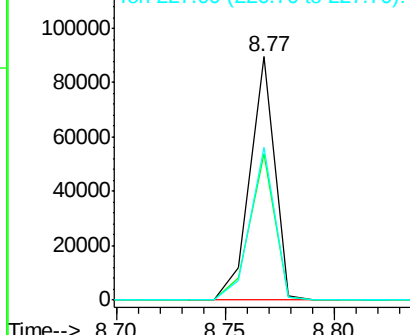
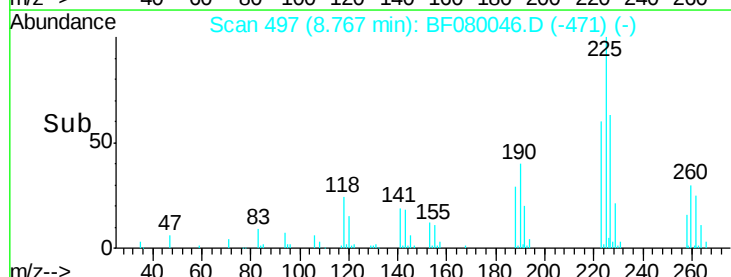


#34
Hexachlorobutadiene
Concen: 39.43 ng
RT: 8.77 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70817		
223	60.1	50.2	75.2	
227	62.5	52.2	78.2	



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
100000
Ion 227.00 (226.70 to 227.70): E





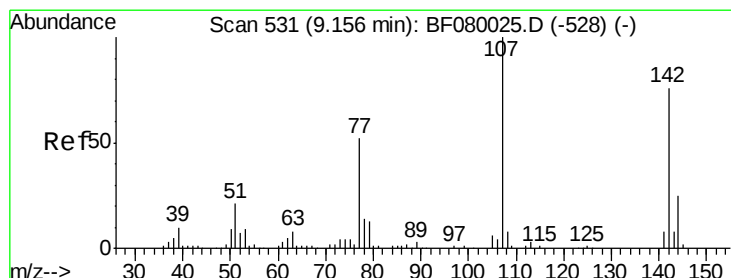
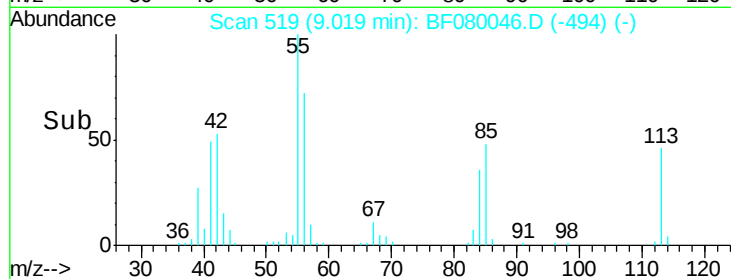
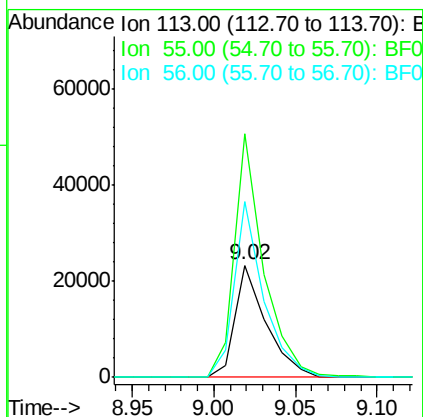
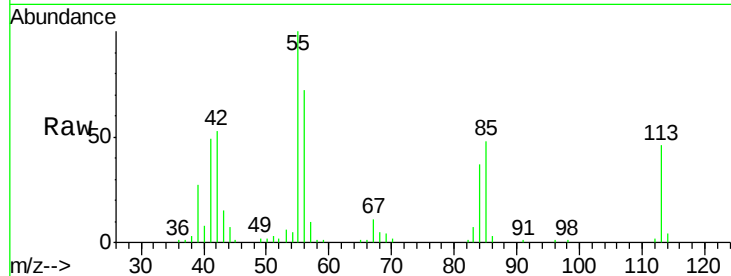
#35
 Caprolactam
 Concen: 36.74 ng
 RT: 9.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion:113 Resp: 30630
 Ion Ratio Lower Upper
 113 100
 55 216.8 152.4 192.4#
 56 156.1 104.6 144.6#

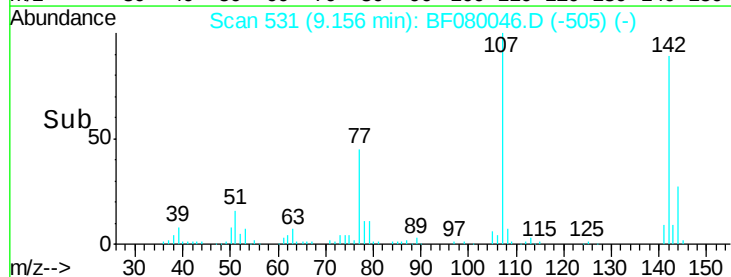
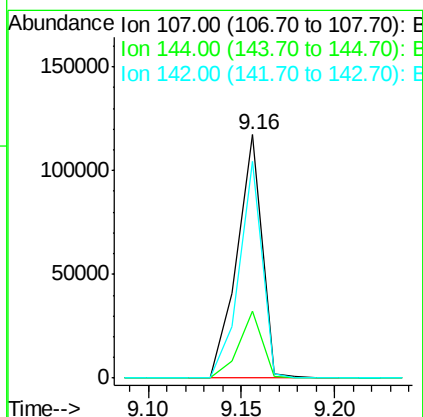
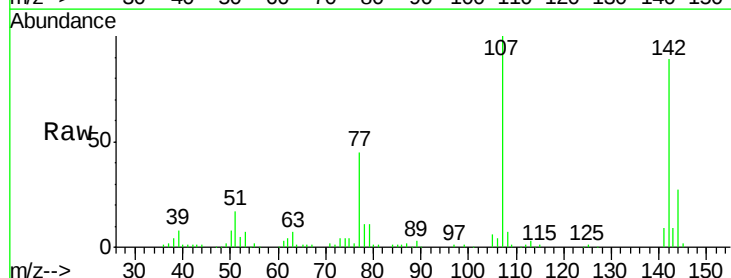
Manual Integrations
 APPROVED

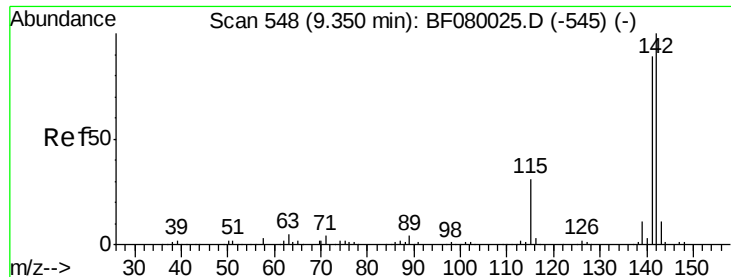
apatel
 6/19/2015 1:31:44 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.09 ng
 RT: 9.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion:107 Resp: 110350
 Ion Ratio Lower Upper
 107 100
 144 27.4 25.4 38.0
 142 89.2 77.3 115.9





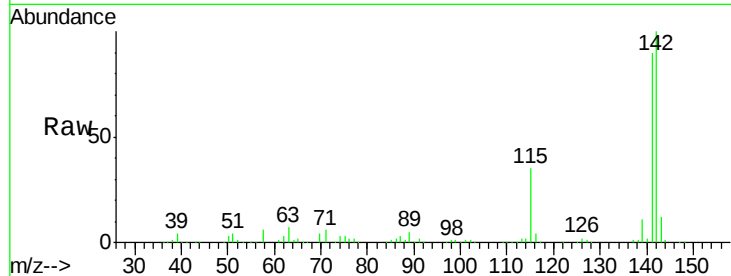
#37
2-Methylnaphthalene
Concen: 38.16 ng
RT: 9.34 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

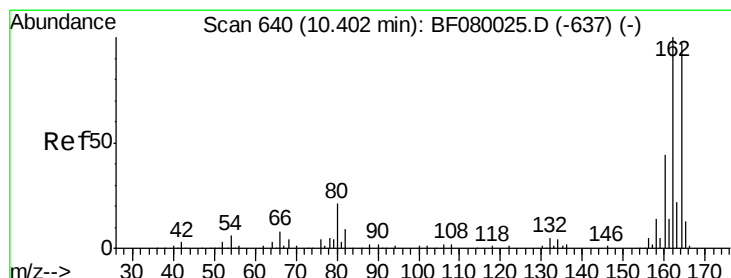
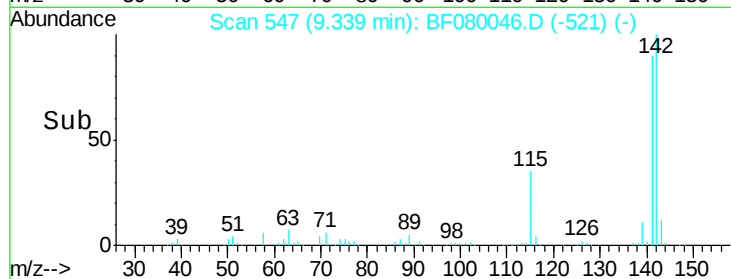
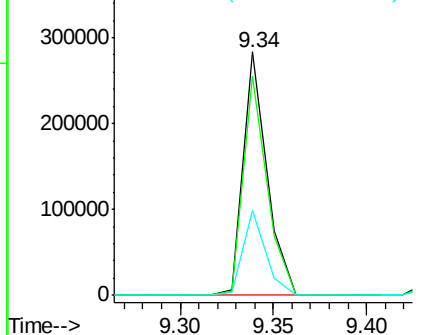
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	250090		
141	90.0	67.5	101.3	
115	34.9	18.2	27.2	

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM

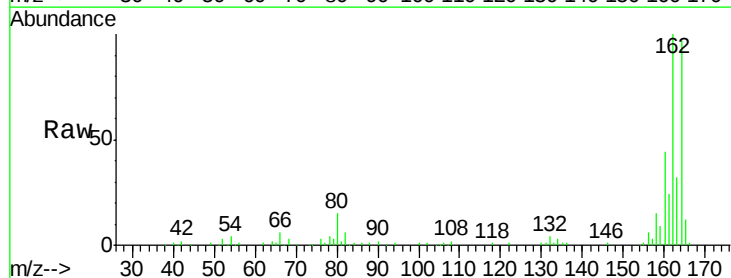


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

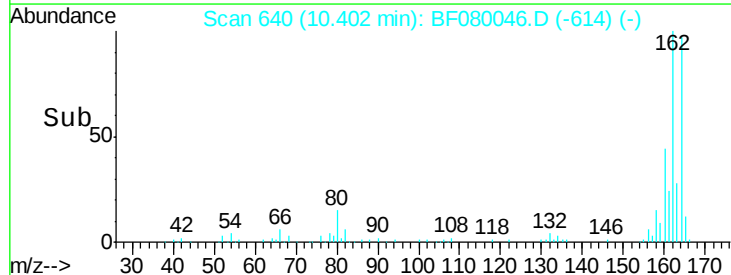
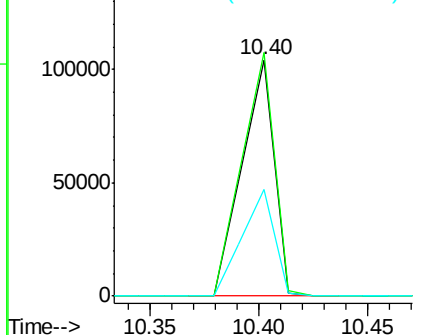


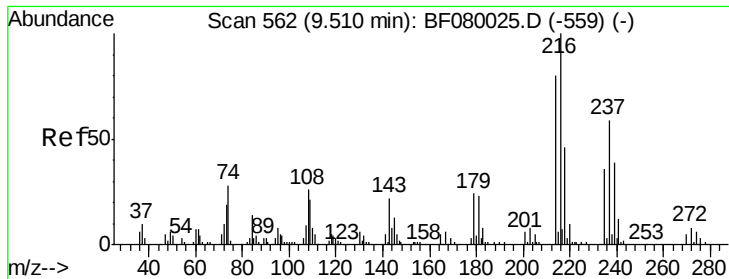
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.40 min Scan# 640
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	107222		
162	103.1	75.2	112.8	
160	45.2	31.5	47.3	



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.52 ng

RT: 9.51 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

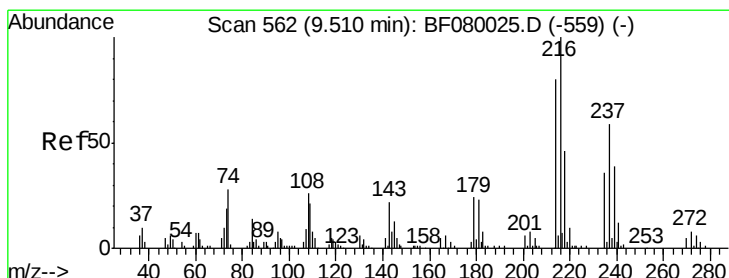
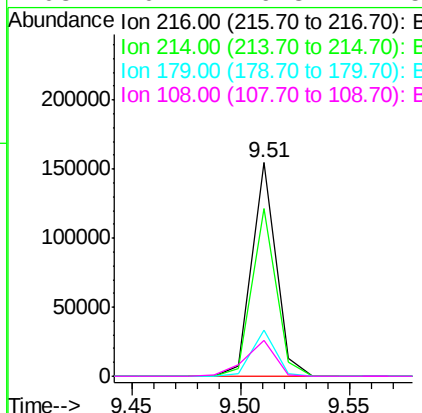
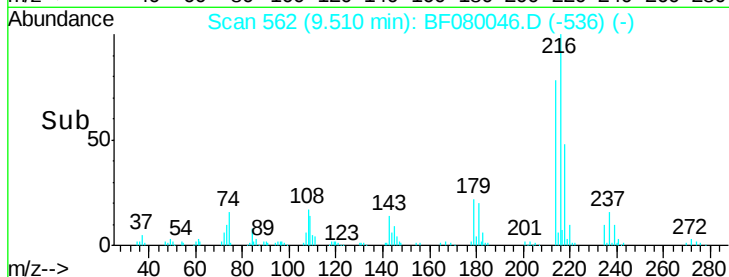
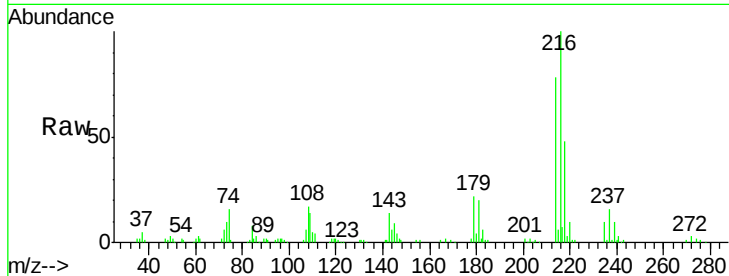
PB84072BS

Manual Integrations
APPROVED

apatel

6/19/2015 1:31:44 PM

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	120195		
214	78.0	63.5	95.3	
179	21.4	16.6	24.8	
108	20.4	16.3	24.5	



#40

Hexachlorocyclopentadiene

Concen: 74.63 ng

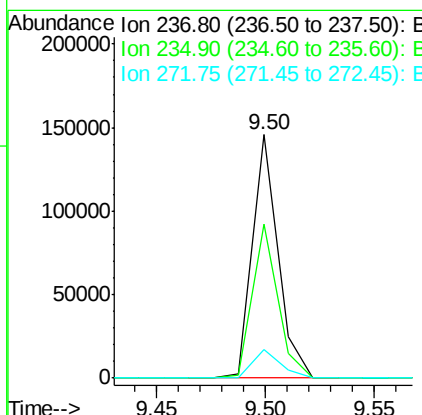
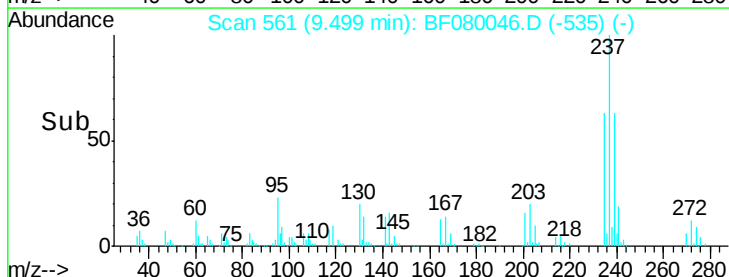
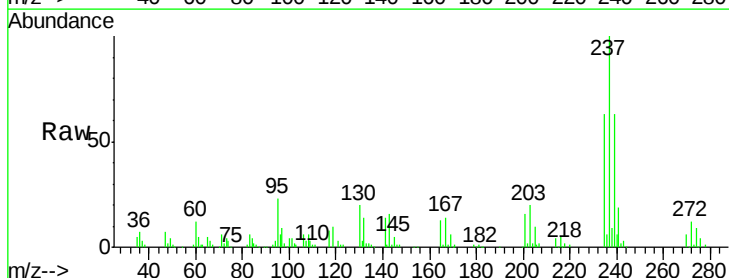
RT: 9.50 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	119093		
235	63.0	42.0	82.0	
272	11.6	0.0	36.1	





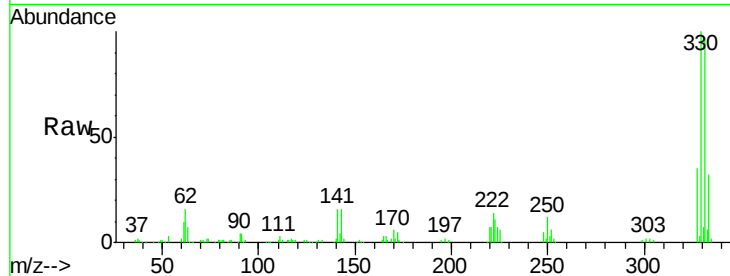
#41
 2,4,6-Tribromophenol
 Concen: 122.81 ng
 RT: 11.20 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

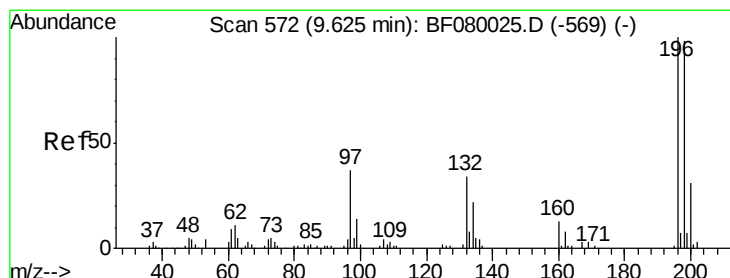
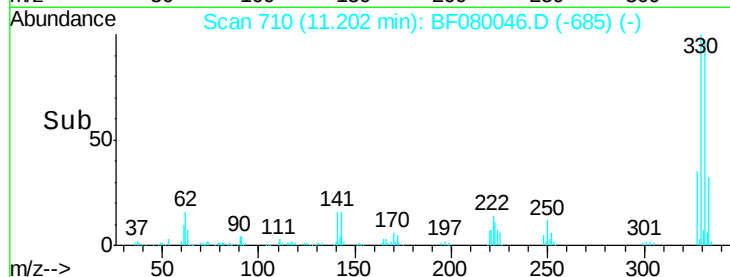
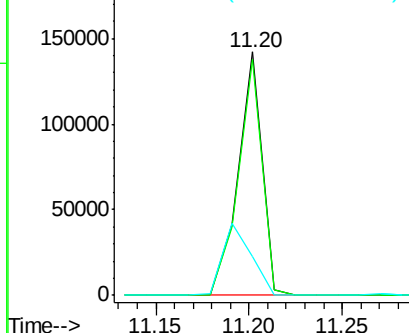
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	128766		
332	96.8	76.6	114.8	
141	35.3	29.7	44.5	

Manual Integrations
 APPROVED

apatel
 6/19/2015 1:31:44 PM



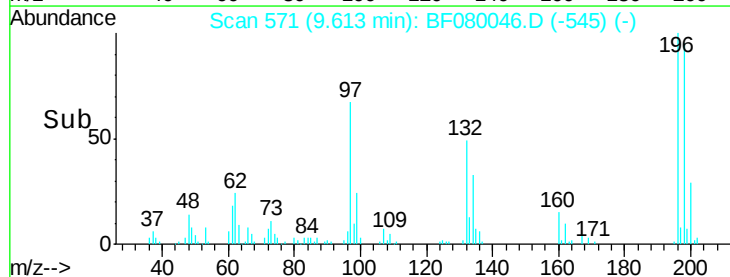
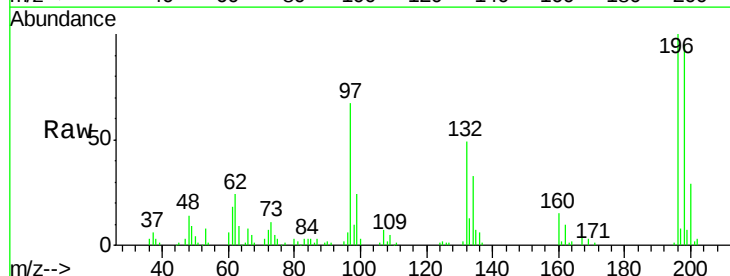
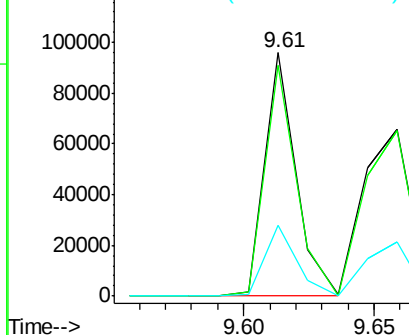
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 37.83 ng
 RT: 9.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80306		
198	94.6	75.7	113.5	
200	29.2	23.9	35.9	

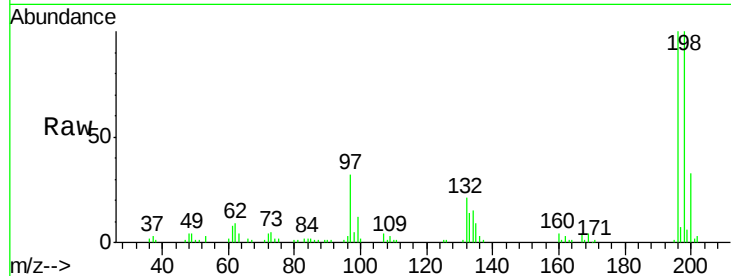
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 33.23 ng
 RT: 9.66 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

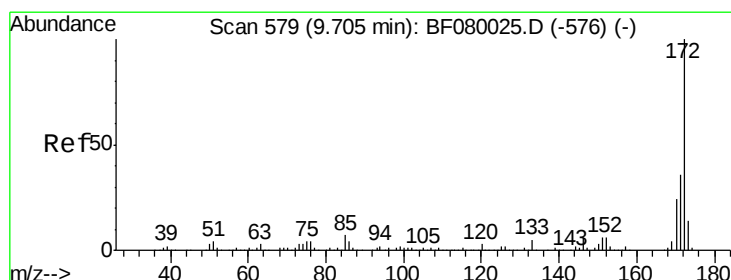
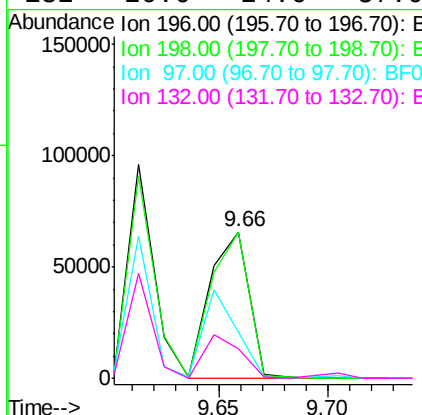
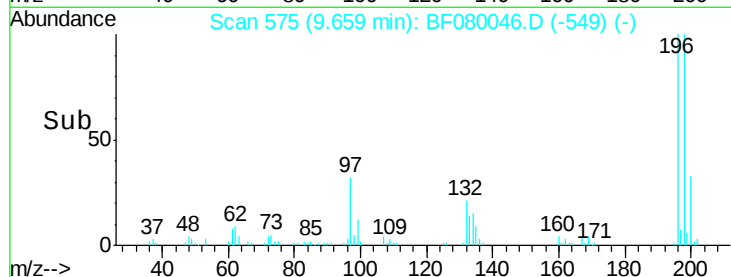
Instrument :
 BNA_F
 ClientSampleID :
 PB84072BS



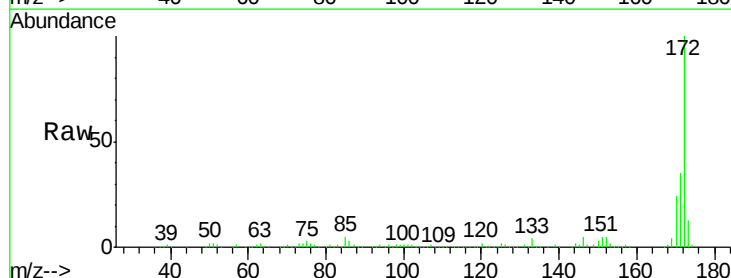
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	81280		
198	99.6	75.4	113.0	
97	31.8	33.3	49.9	
132	20.6	24.6	37.0	

Manual Integrations
 APPROVED

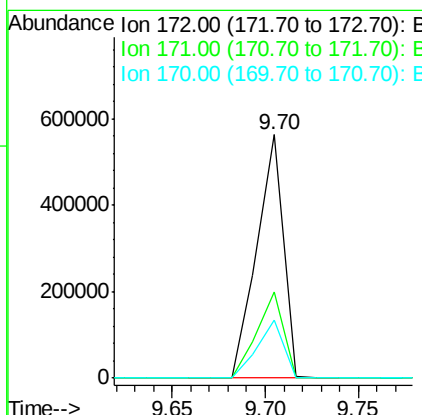
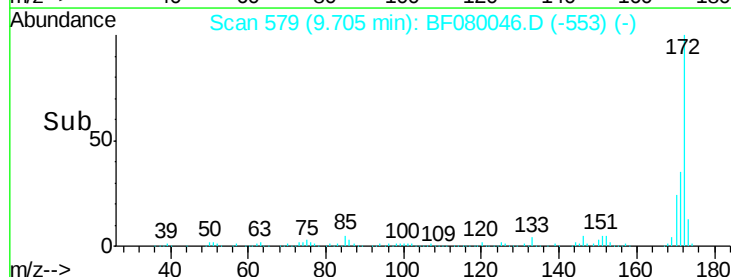
apatel
 6/19/2015 1:31:44 PM



#44
 2-Fluorobiphenyl
 Concen: 73.41 ng
 RT: 9.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	551928		
171	35.2	26.1	39.1	
170	23.9	17.4	26.2	





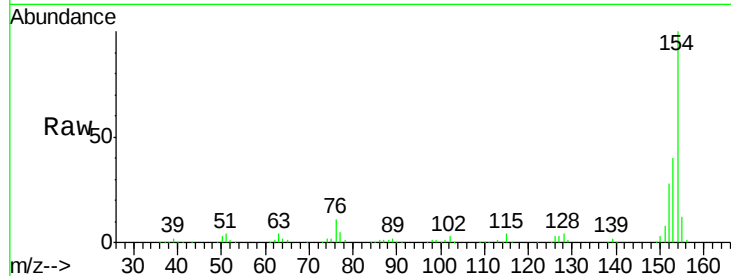
#45
 1,1'-Biphenyl
 Concen: 36.72 ng
 RT: 9.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

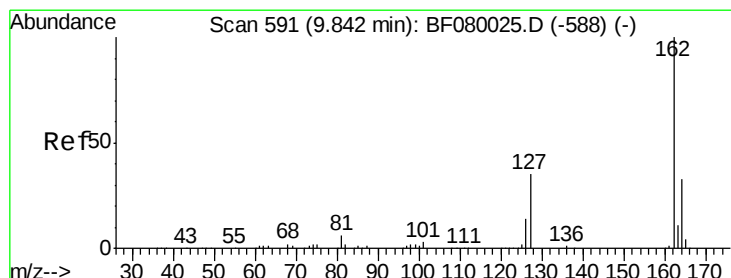
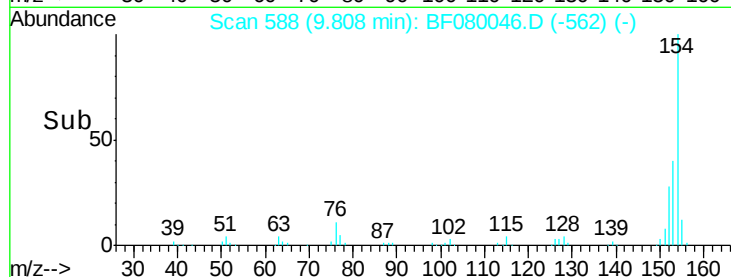
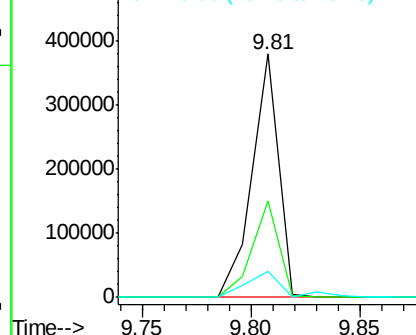
Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	39.7	17.1	57.1
76	10.6	0.0	31.6

Manual Integrations
 APPROVED

apatel
 6/19/2015 1:31:44 PM

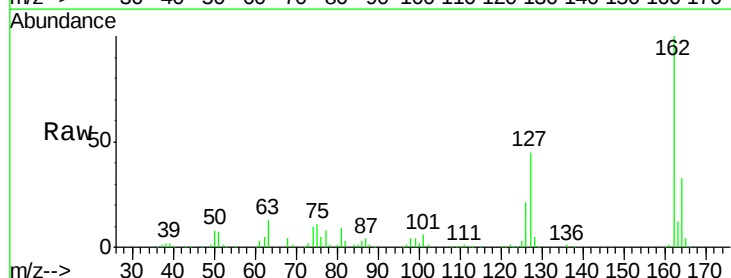


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

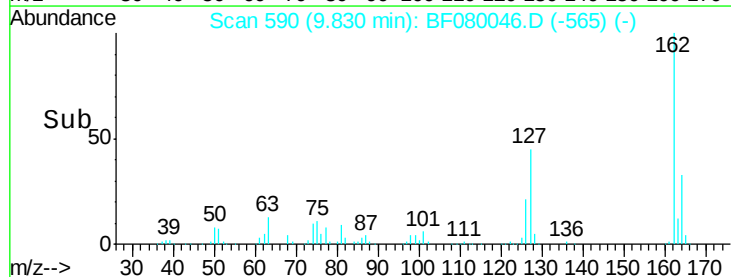
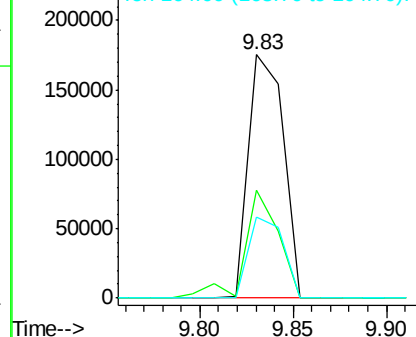


#46
 2-Chloronaphthalene
 Concen: 32.07 ng
 RT: 9.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	44.5	27.6	41.4#
164	33.1	25.4	38.2



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





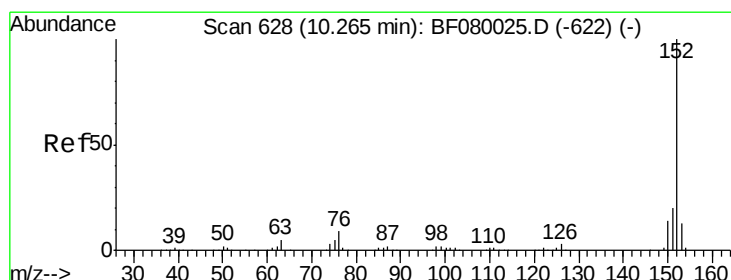
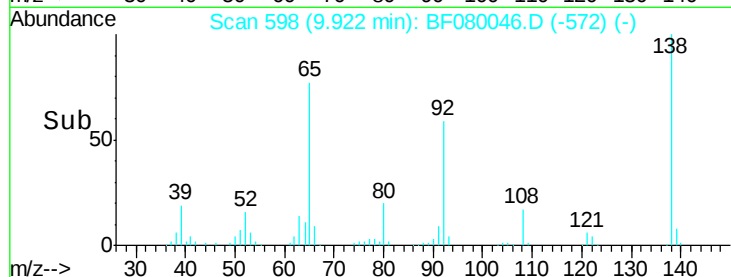
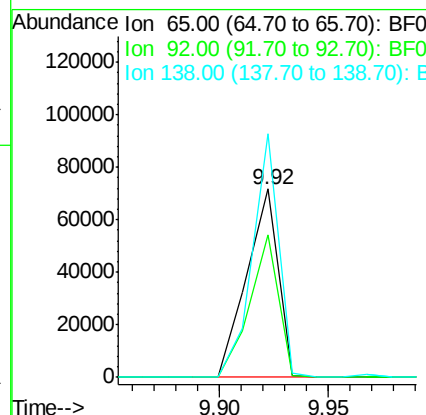
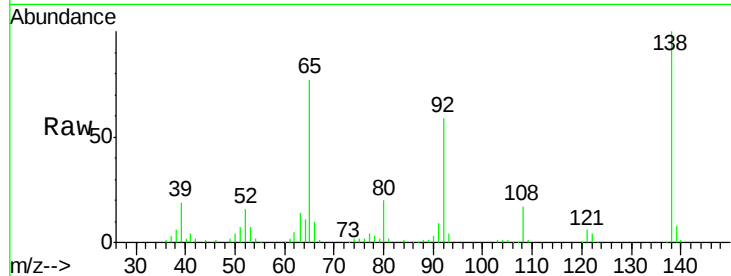
#47
2-Nitroaniline
Concen: 36.91 ng
RT: 9.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion: 65 Resp: 71710
Ion Ratio Lower Upper
65 100
92 75.7 55.4 83.0
138 129.2 115.5 173.3

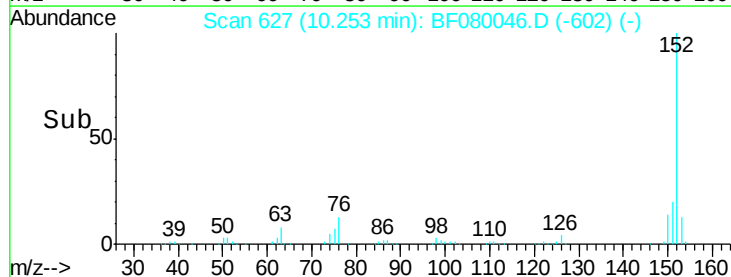
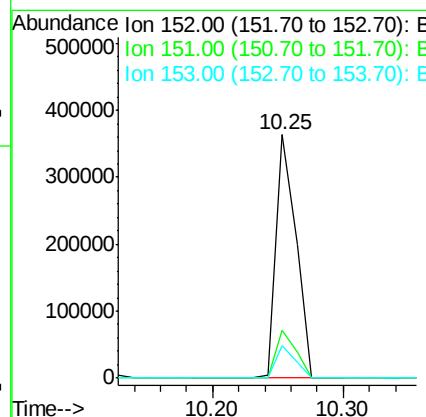
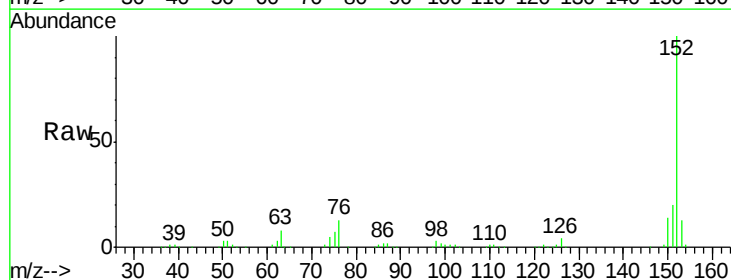
Manual Integrations
APPROVED

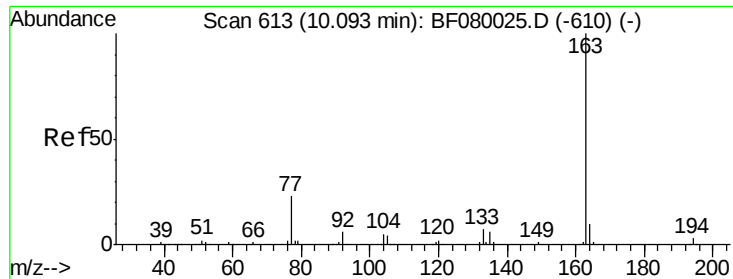
apatel
6/19/2015 1:31:44 PM



#48
Acenaphthylene
Concen: 33.14 ng
RT: 10.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion: 152 Resp: 391555
Ion Ratio Lower Upper
152 100
151 19.8 14.6 22.0
153 13.3 10.3 15.5





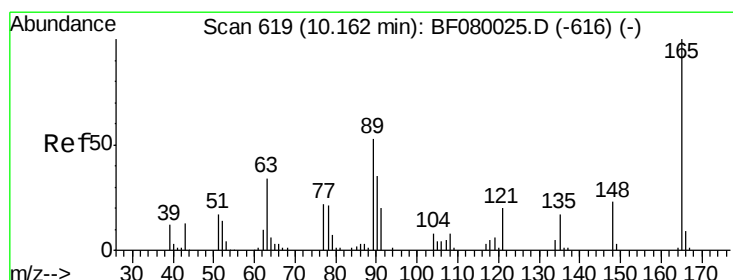
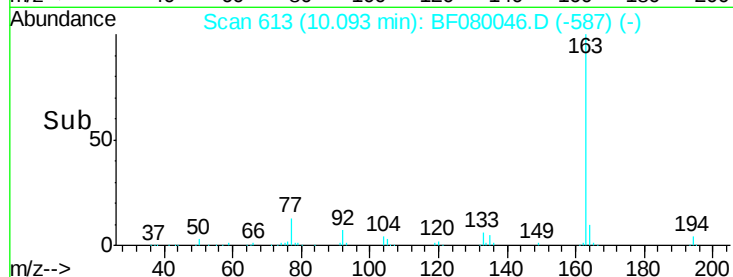
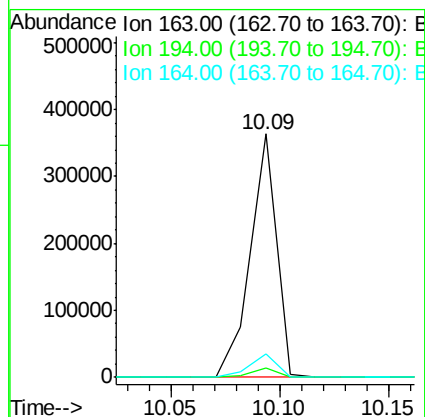
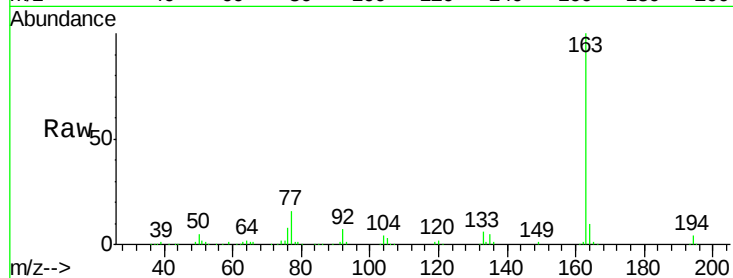
#49
Dimethylphthalate
Concen: 37.71 ng
RT: 10.09 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleID :
PB84072BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	4.4	6.6#
164	9.6	8.3	12.5

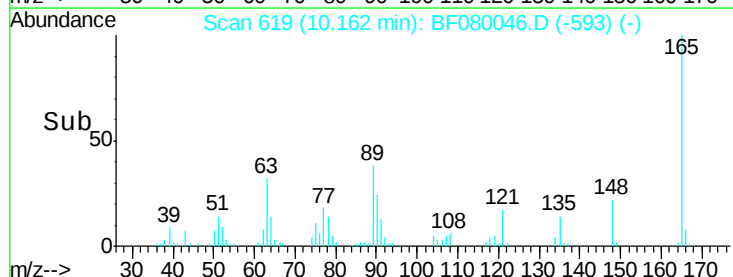
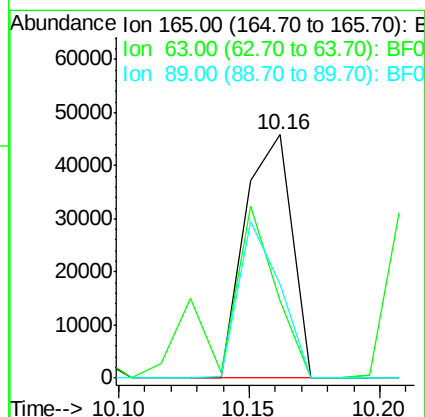
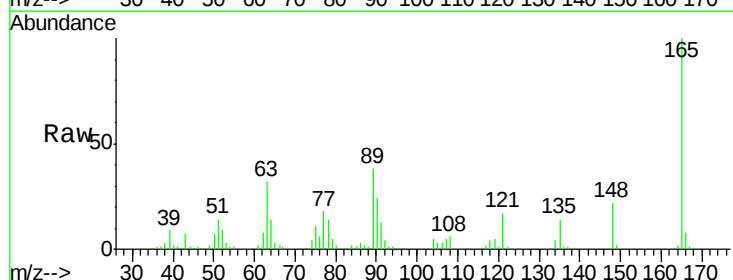
Manual Integrations
APPROVED

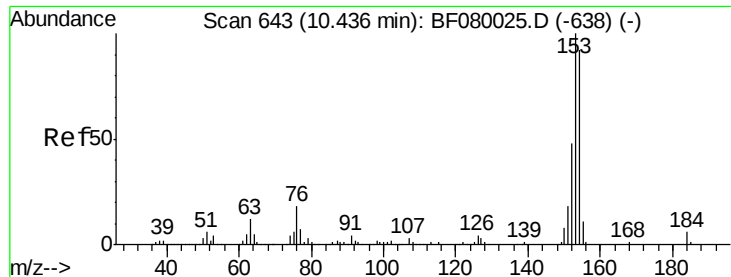
apatel
6/19/2015 1:31:44 PM



#50
2,6-Dinitrotoluene
Concen: 35.21 ng
RT: 10.16 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	31.8	32.3	48.5#
89	38.4	28.6	43.0





#51

Acenaphthene

Concen: 34.99 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

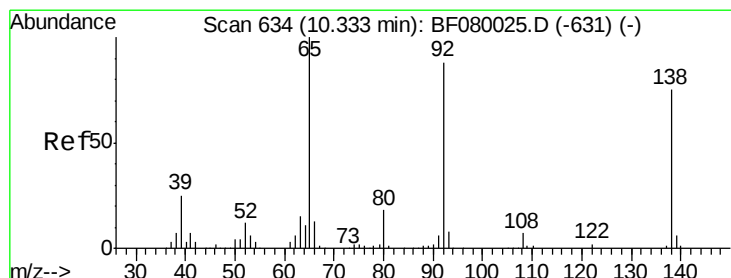
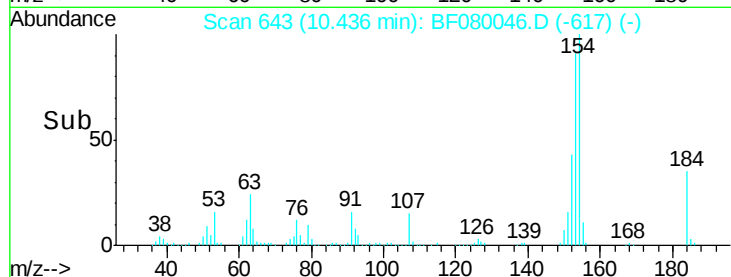
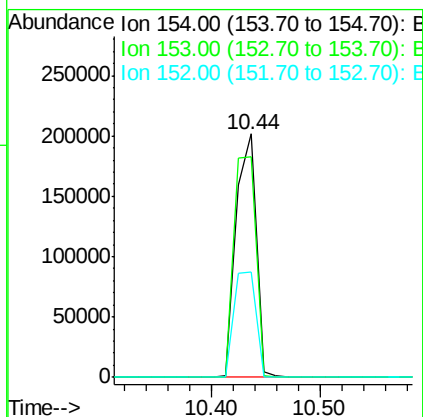
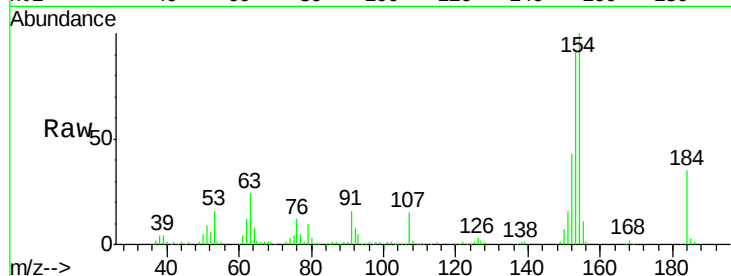
ClientSampled :

PB84072BS

Tgt Ion:	154	Resp:	252905
Ion Ratio	Lower	Upper	
154	100		
153	90.7	82.1	123.1
152	43.2	37.9	56.9

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM



#52

3-Nitroaniline

Concen: 27.37 ng

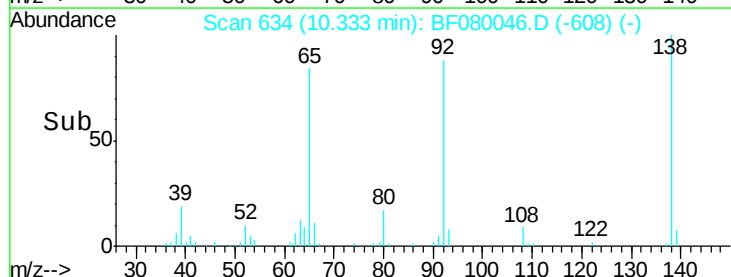
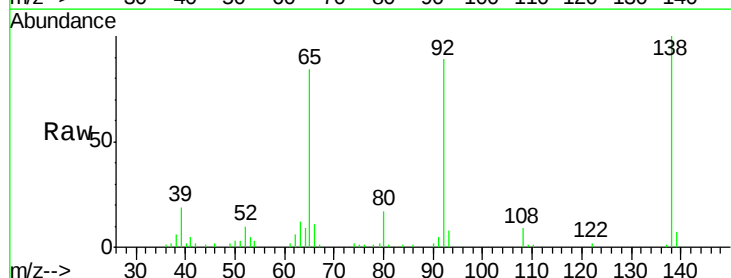
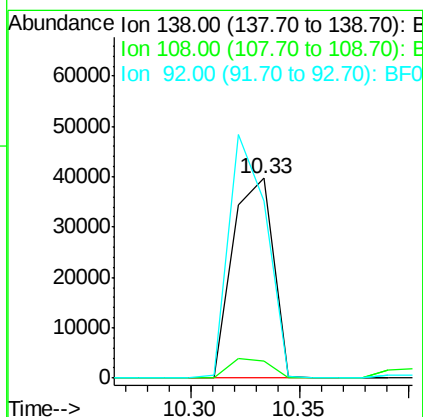
RT: 10.33 min Scan# 634

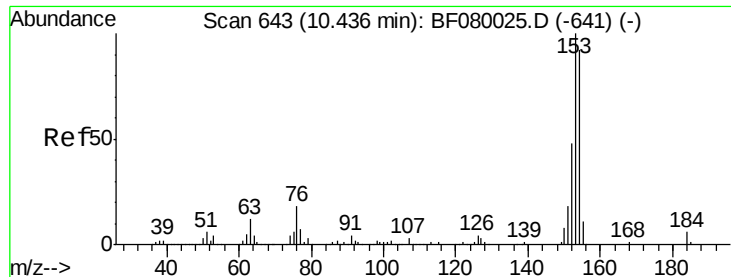
Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion:	138	Resp:	51027
Ion Ratio	Lower	Upper	
138	100		
108	8.7	5.7	8.5#
92	88.9	67.7	101.5





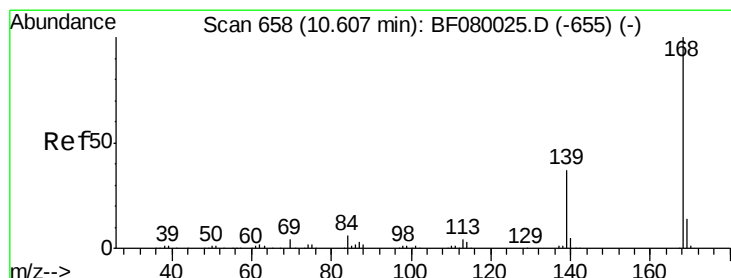
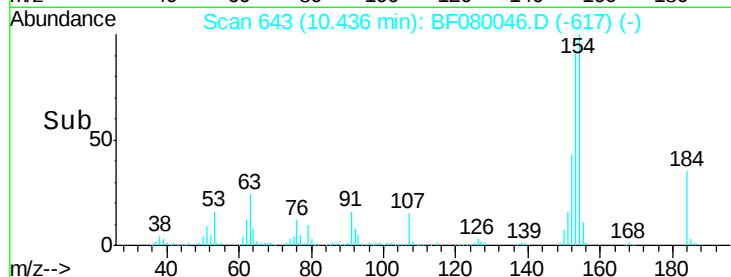
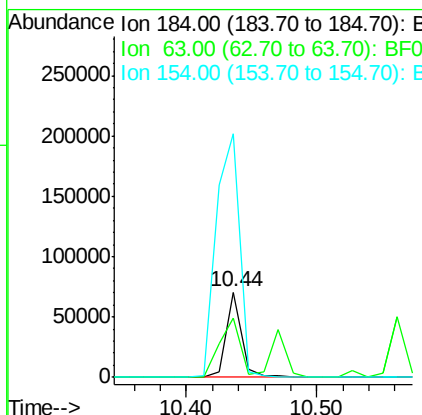
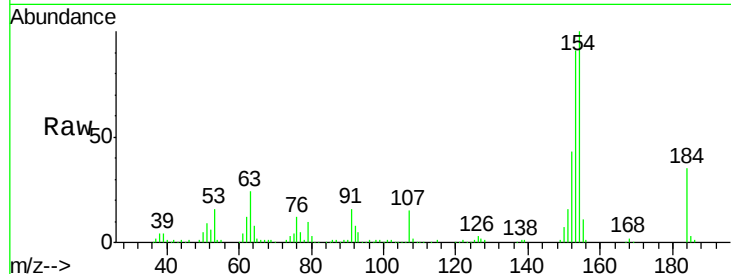
#53
2,4-Dinitrophenol
Concen: 88.00 ng
RT: 10.44 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	58295		
63	69.5	35.4	53.2#	
154	284.8	32.2	48.4#	

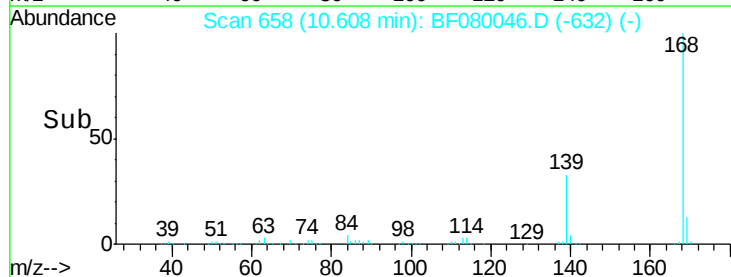
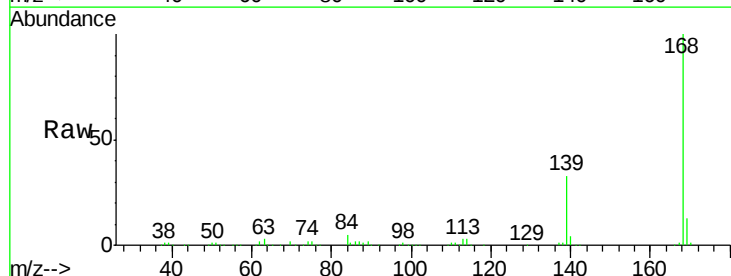
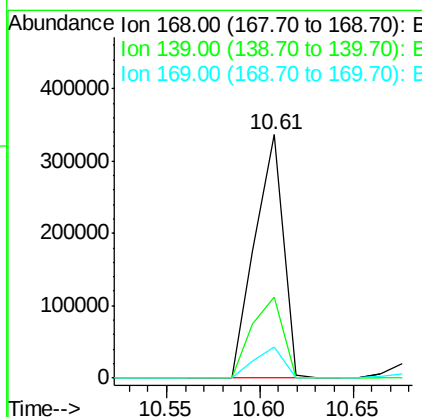
Manual Integrations
APPROVED

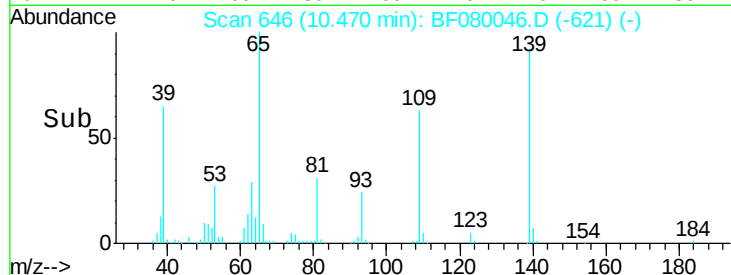
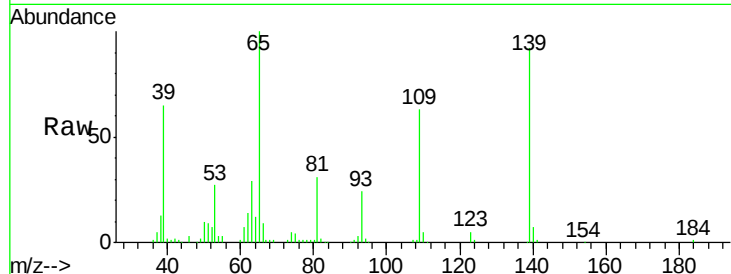
apatel
6/19/2015 1:31:44 PM



#54
Dibenzofuran
Concen: 34.50 ng
RT: 10.61 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	353794		
139	33.0	24.2	36.2	
169	12.7	10.6	15.8	





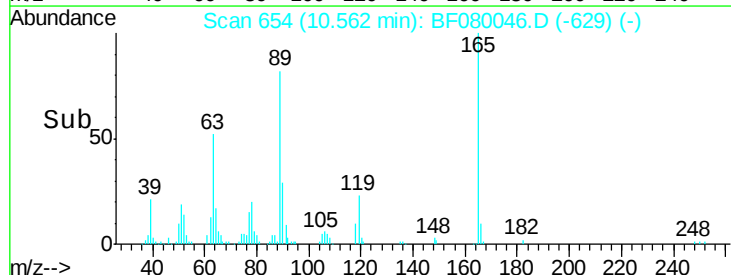
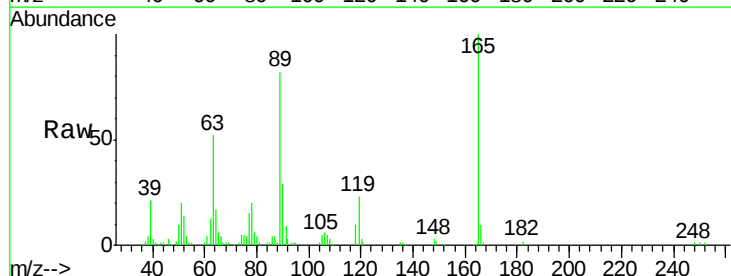
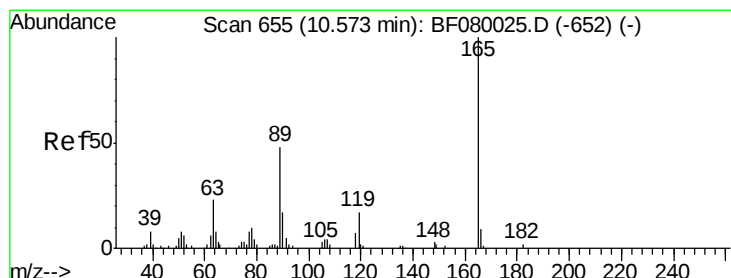
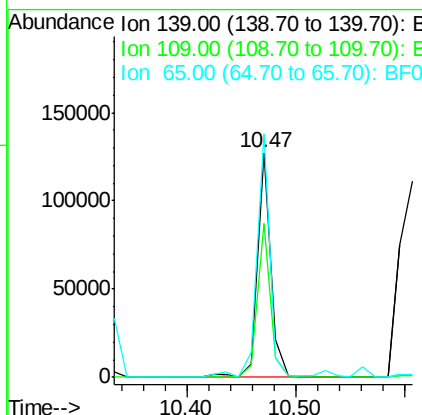
#55
4-Nitrophenol
Concen: 73.97 ng
RT: 10.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	110242		
109	68.6	12.7	52.7#	
65	108.3	45.9	85.9#	

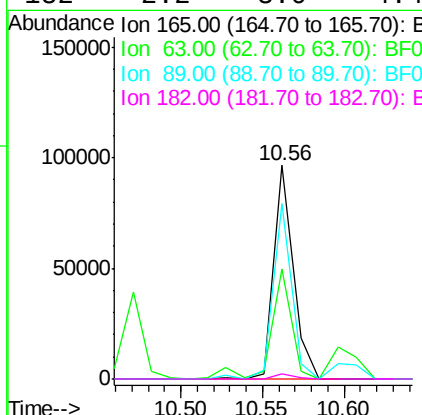
Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM



#56
2,4-Dinitrotoluene
Concen: 39.50 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	81000		
63	51.5	29.8	44.6#	
89	82.2	44.5	66.7#	
182	2.2	3.0	4.4#	





#57

Fluorene

Concen: 36.25 ng

RT: 10.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

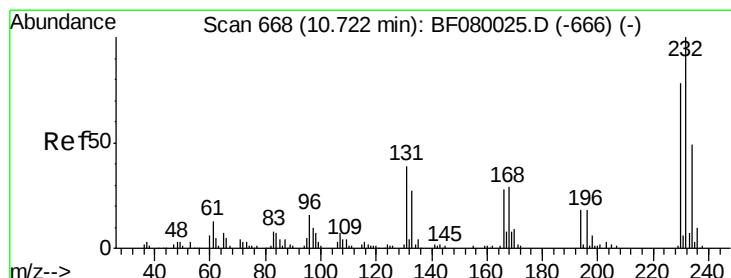
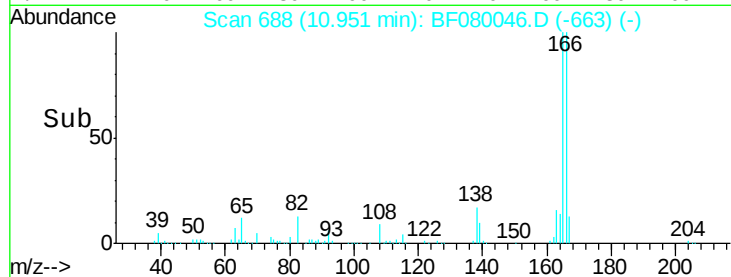
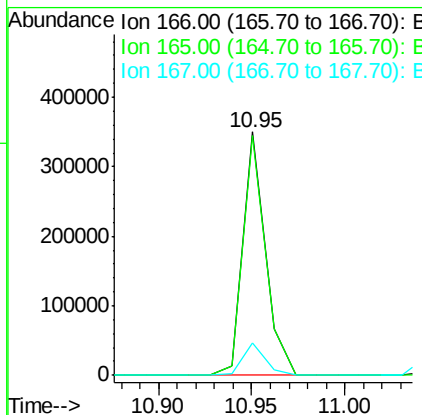
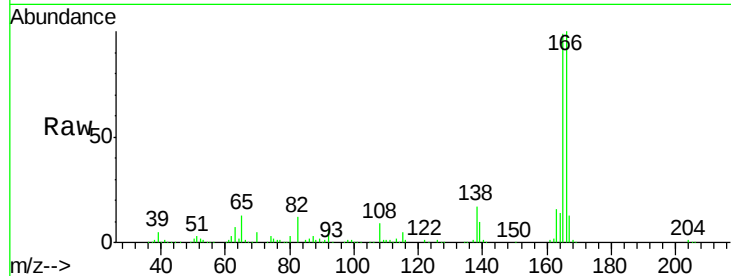
ClientSampleId :

PB84072BS

Tgt Ion:	166	Resp:	294958
Ion Ratio		Lower	Upper
166	100		
165	98.5	72.6	109.0
167	13.3	10.6	16.0

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.77 ng

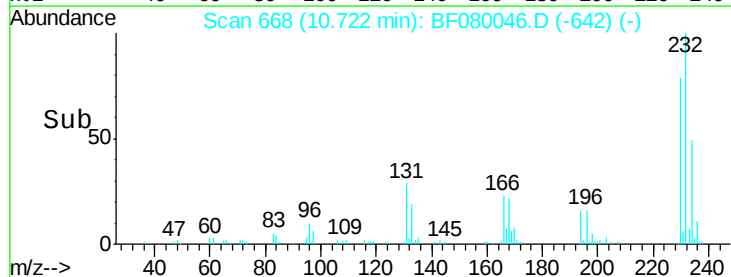
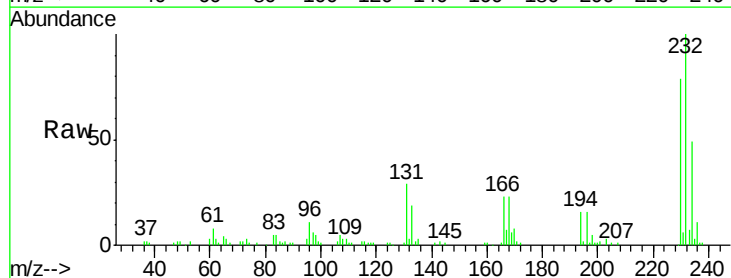
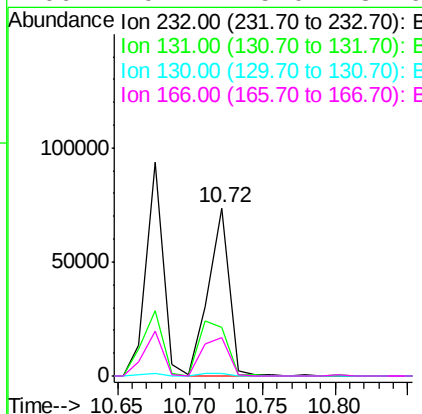
RT: 10.72 min Scan# 668

Delta R.T. 0.00 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion:	232	Resp:	73854
Ion Ratio		Lower	Upper
232	100		
131	42.7	38.5	57.7
130	2.2	1.8	2.6
166	29.4	25.0	37.6





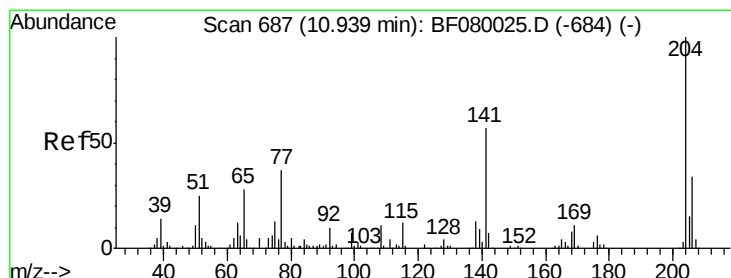
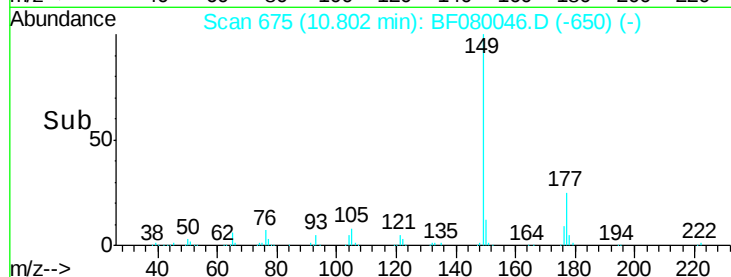
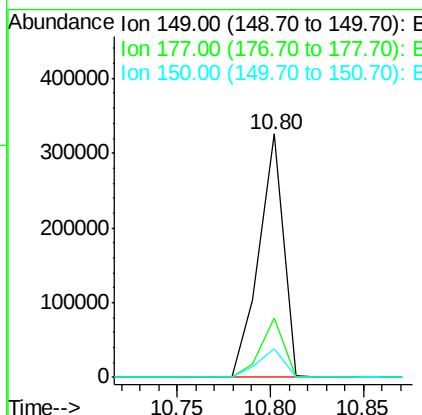
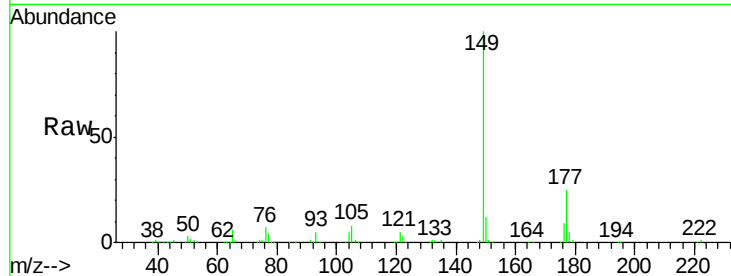
#59
Diethylphthalate
Concen: 36.54 ng
RT: 10.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	24.6	17.5	26.3
150	11.9	9.4	14.2

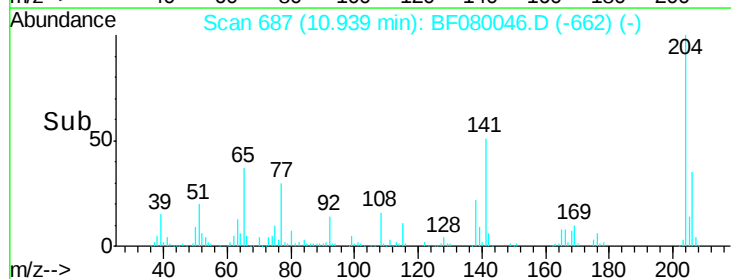
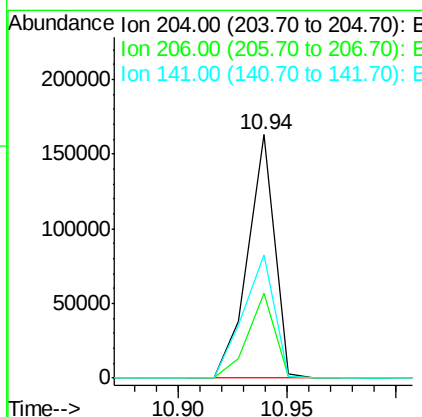
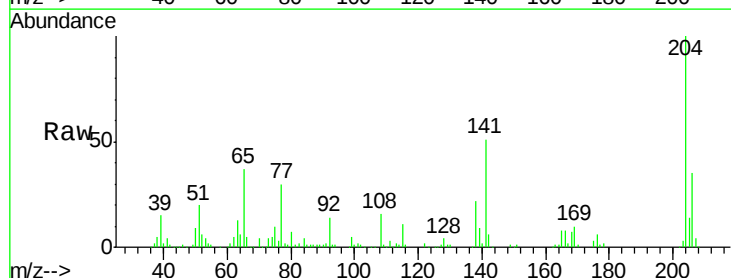
Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.81 ng
RT: 10.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	34.9	24.8	37.2
141	50.6	42.2	63.4





#61

4-Nitroaniline

Concen: 34.19 ng

RT: 10.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF080046.D

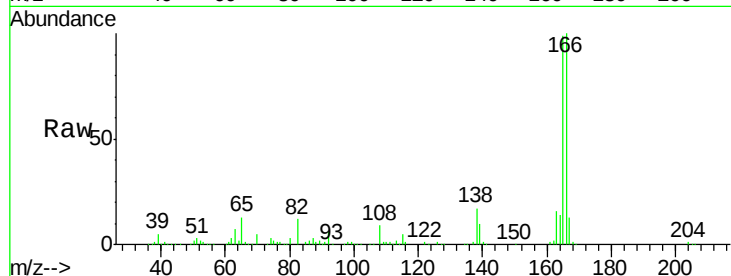
Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

PB84072BS



Tgt Ion: 138 Resp: 65846

Ion Ratio Lower Upper

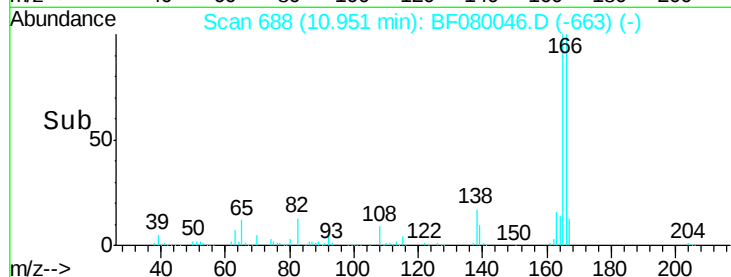
138 100

92 37.6 12.6 52.6

108 56.5 12.4 52.4#

Manual Integrations
APPROVED

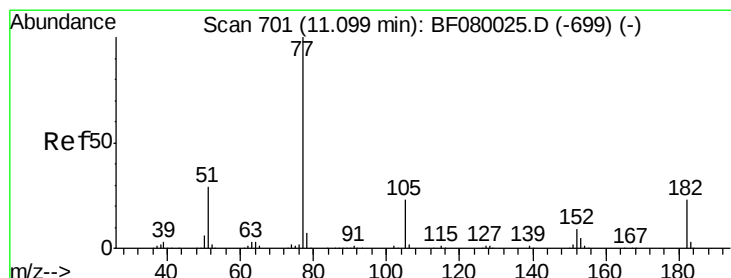
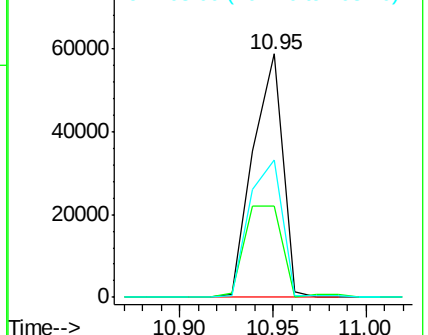
apatel
6/19/2015 1:31:44 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.32 ng

RT: 11.10 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion: 77 Resp: 300123

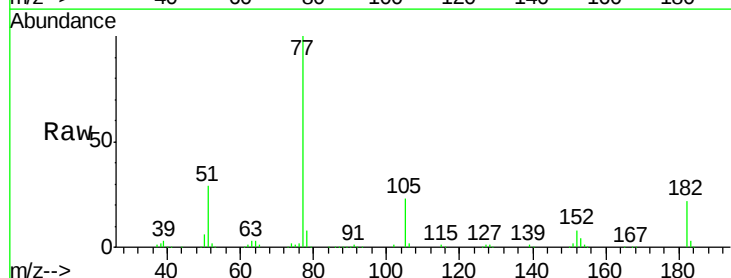
Ion Ratio Lower Upper

77 100

182 22.2 15.1 55.1

105 22.7 3.4 43.4

51 29.0 12.0 52.0

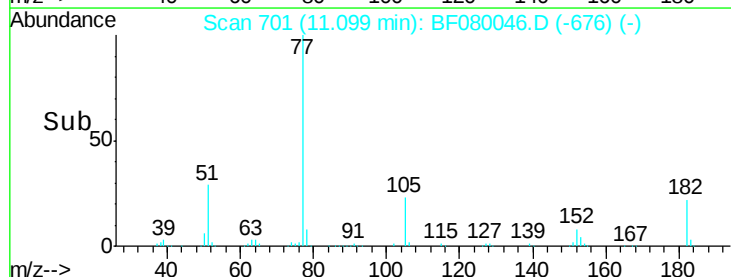
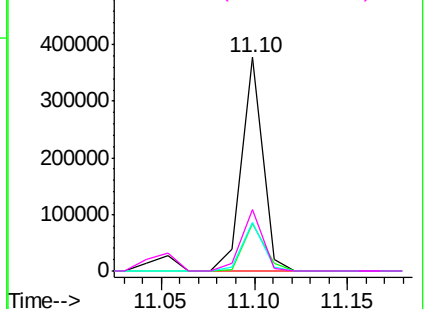


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





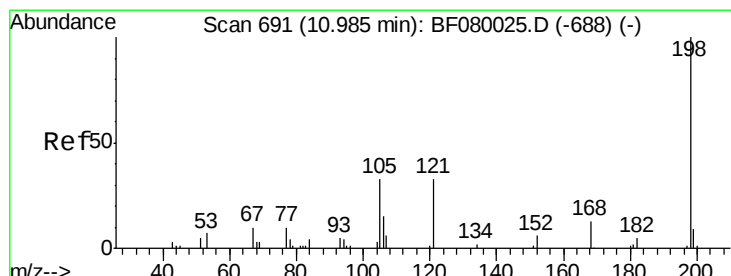
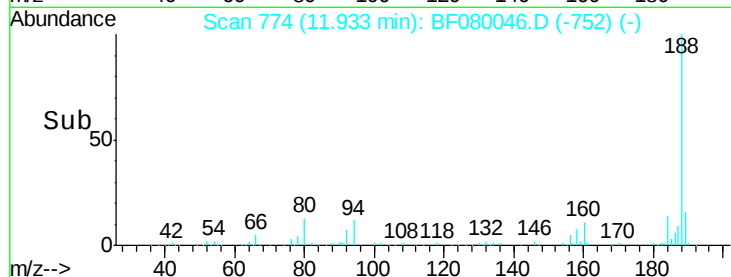
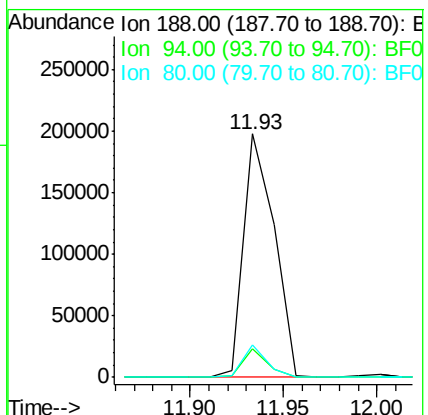
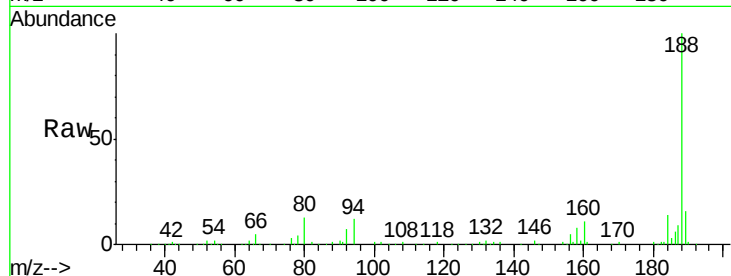
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.93 min Scan# 774
 Delta R.T. -0.05 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion:	188	Resp:	225296
Ion Ratio	Lower	Upper	
188	100		
94	11.9	11.1	16.7
80	13.4	11.0	16.4

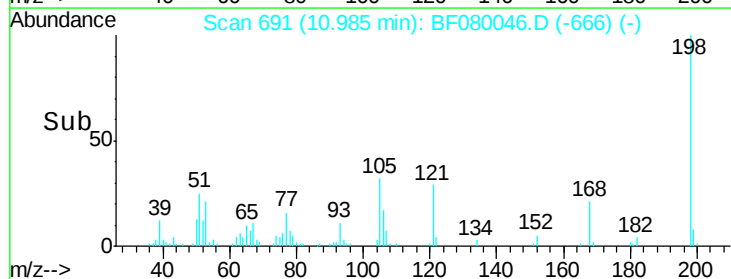
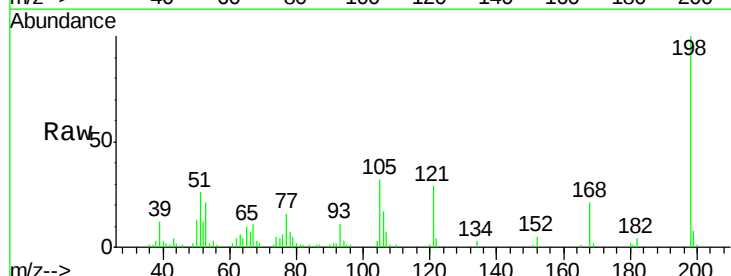
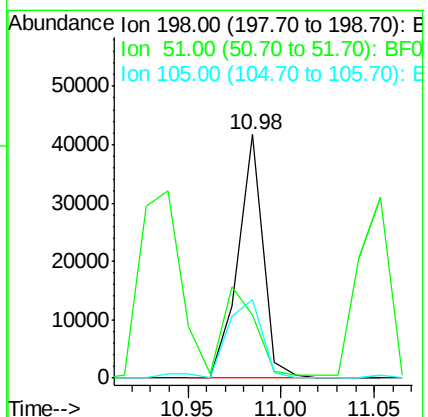
Manual Integrations
 APPROVED

apatel
 6/19/2015 1:31:44 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 37.83 ng
 RT: 10.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion:	198	Resp:	39346
Ion Ratio	Lower	Upper	
198	100		
51	25.8	39.6	79.6#
105	32.2	28.5	68.5





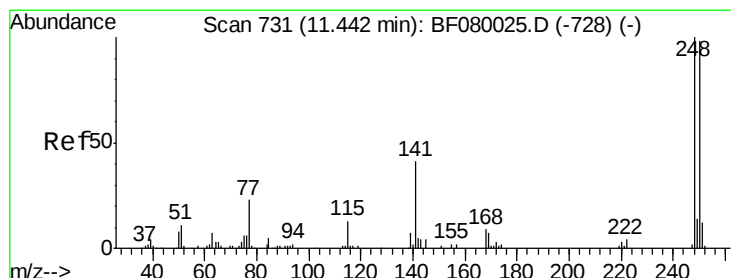
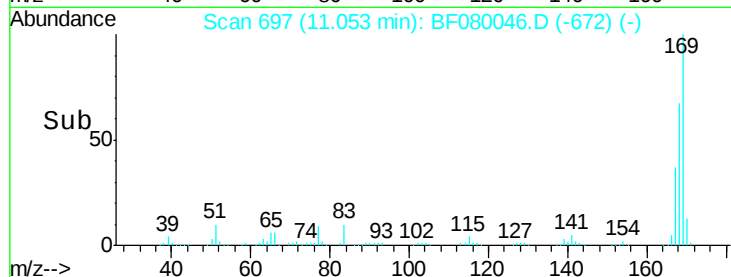
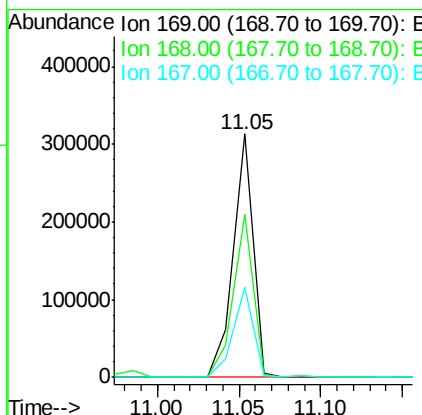
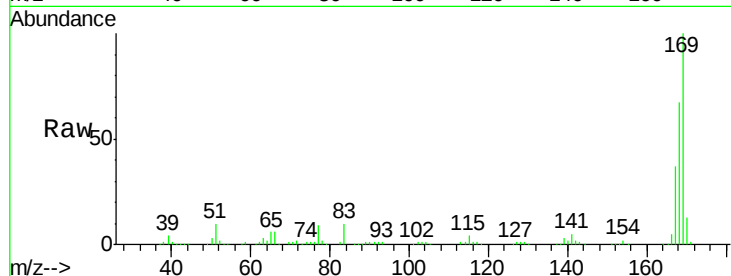
#65
 n-Nitrosodiphenylamine
 Concen: 35.77 ng
 RT: 11.05 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	262411		
168	67.1	48.9	73.3	
167	36.9	26.2	39.4	

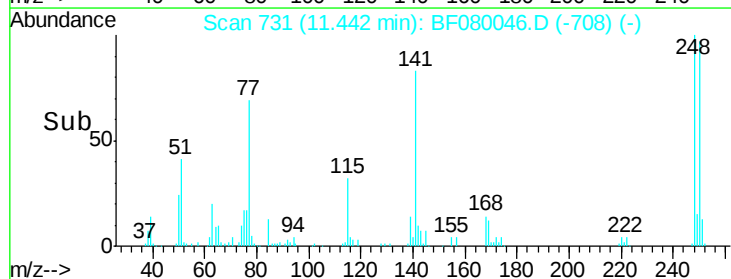
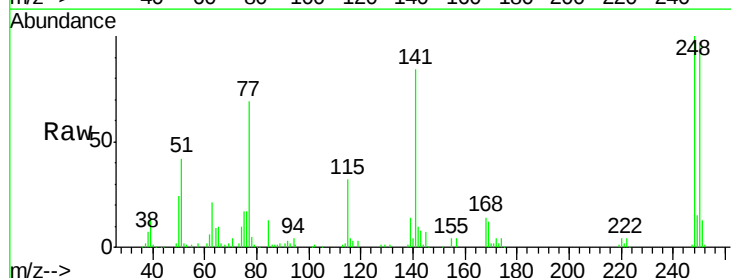
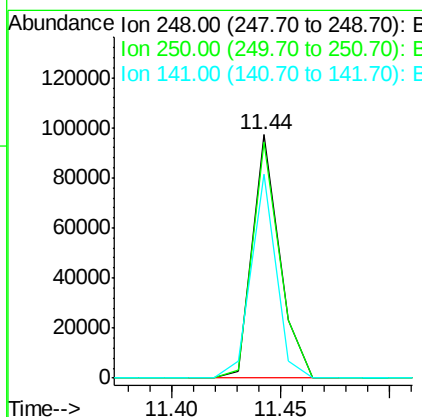
Manual Integrations
 APPROVED

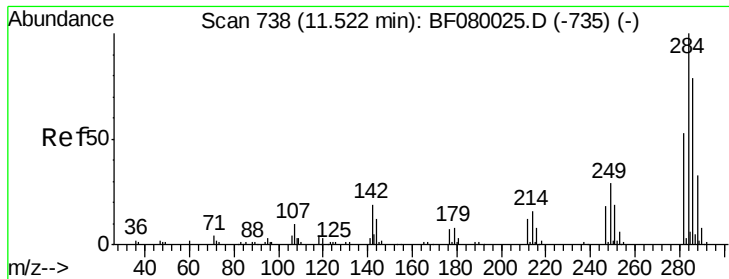
apatel
 6/19/2015 1:31:44 PM



#66
 4-Bromophenyl-phenylether
 Concen: 35.27 ng
 RT: 11.44 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	84497		
250	96.8	78.5	117.7	
141	83.7	59.0	88.6	





#67

Hexachlorobenzene

Concen: 32.67 ng

RT: 11.52 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF080046.D

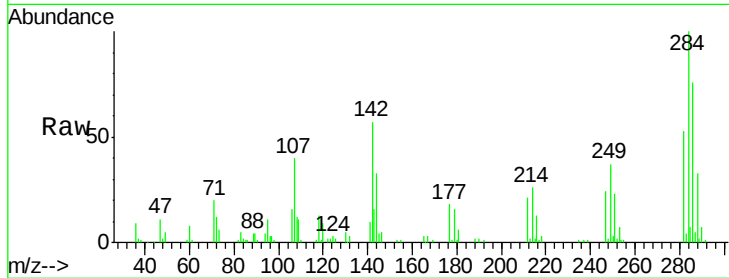
Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

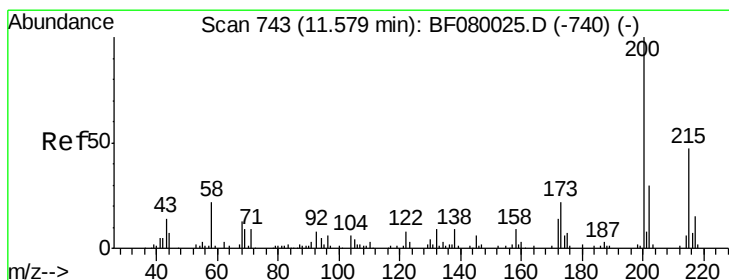
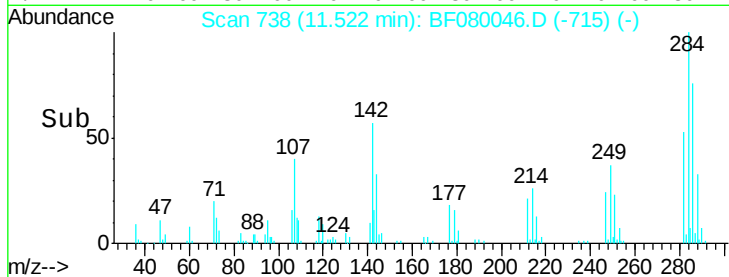
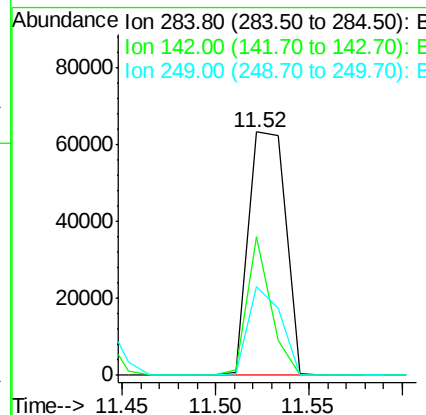
PB84072BS



Tgt Ion:	284	Resp:	86989
Ion Ratio	Lower	Upper	
284	100		
142	57.2	29.5	44.3#
249	36.6	19.5	29.3#

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM



#68

Atrazine

Concen: 36.92 ng

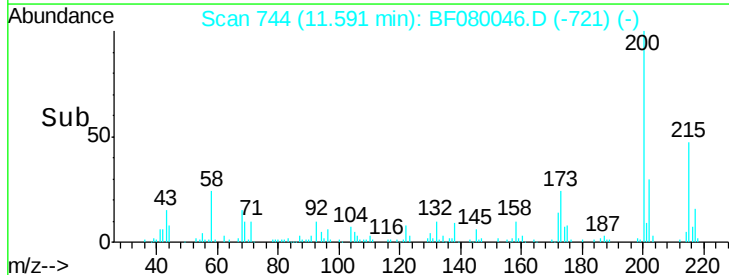
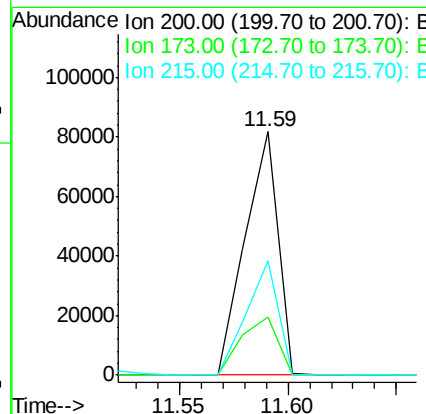
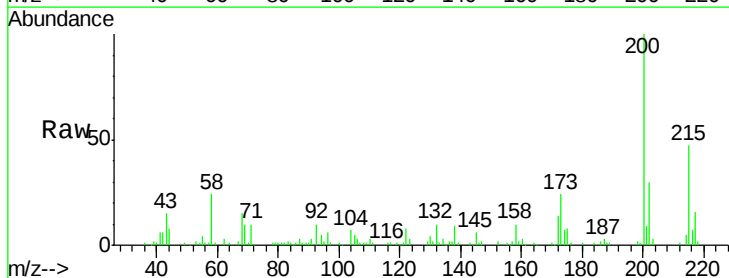
RT: 11.59 min Scan# 744

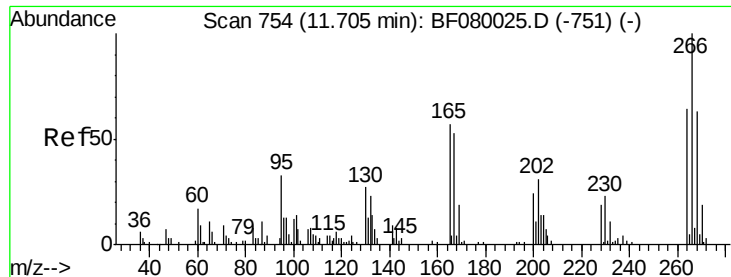
Delta R.T. -0.03 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion:	200	Resp:	85573
Ion Ratio	Lower	Upper	
200	100		
173	23.7	13.2	53.2
215	47.2	41.8	81.8





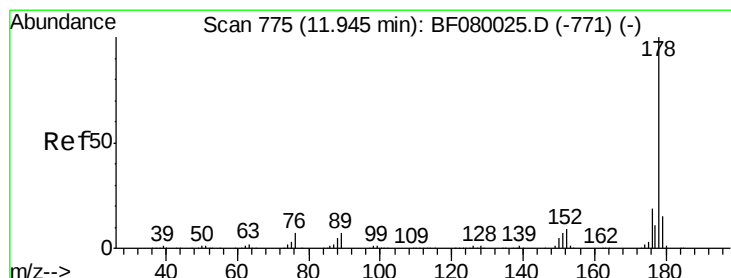
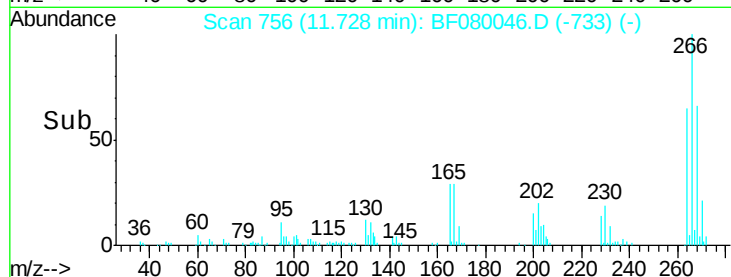
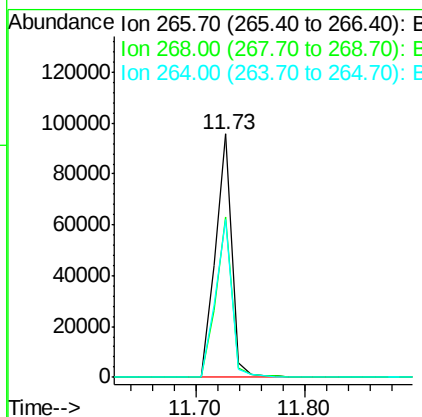
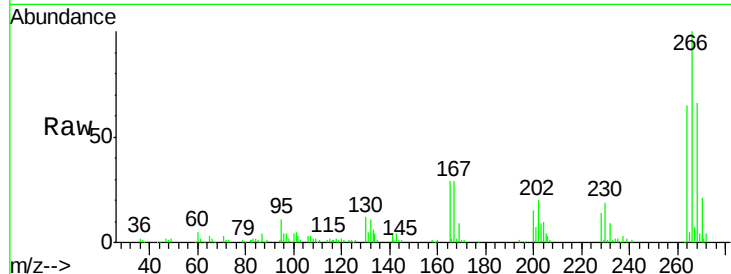
#69
 Pentachlorophenol
 Concen: 67.87 ng
 RT: 11.73 min Scan# 756
 Delta R.T. -0.03 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	102388		
268	66.0	49.8	74.6	
264	64.9	50.2	75.2	

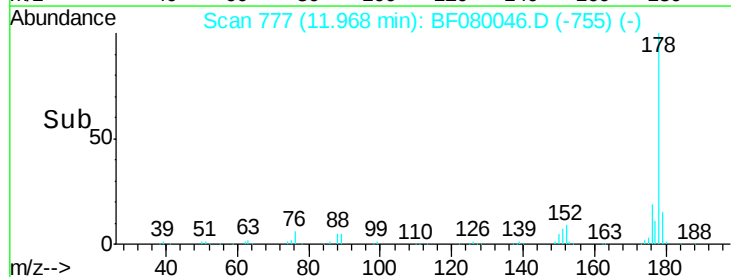
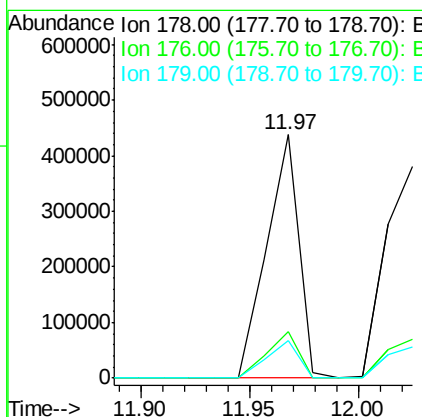
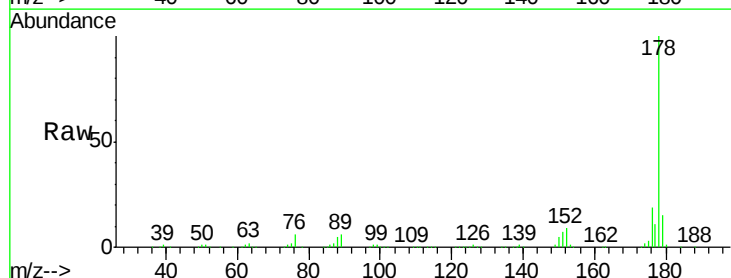
Manual Integrations
 APPROVED

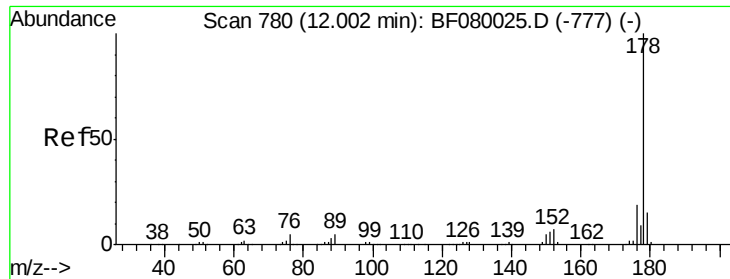
apatel
 6/19/2015 1:31:44 PM



#70
 Phenanthrene
 Concen: 33.28 ng
 RT: 11.97 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	453896		
176	19.3	13.8	20.8	
179	15.2	12.2	18.2	





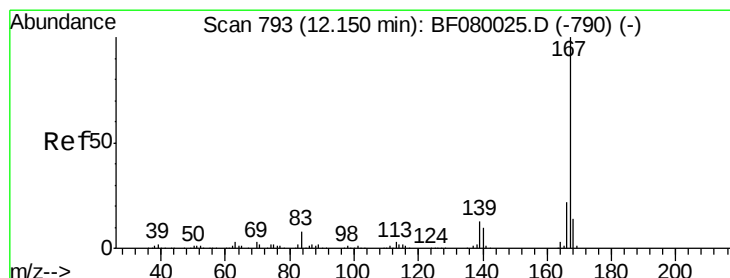
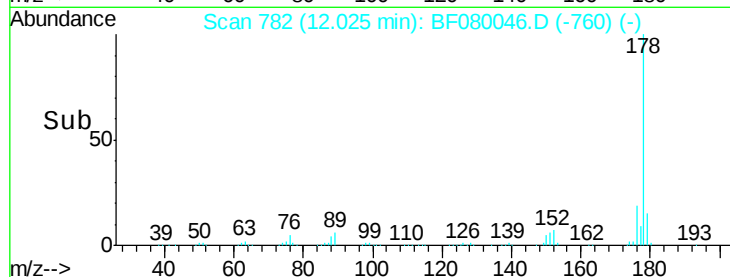
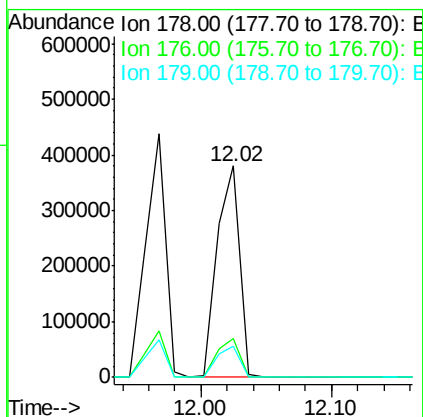
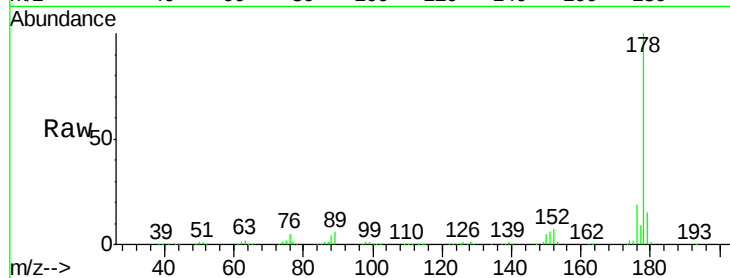
#71
 Anthracene
 Concen: 35.02 ng
 RT: 12.02 min Scan# 782
 Delta R.T. -0.05 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.1	21.1
179	14.8	12.2	18.2

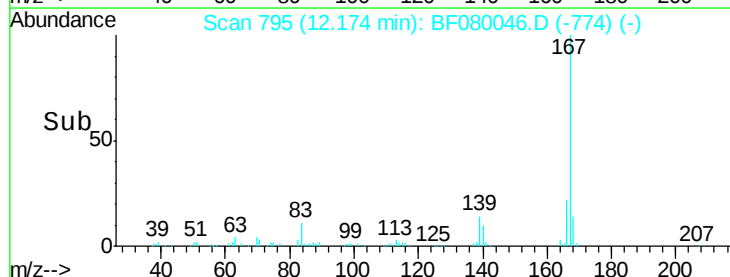
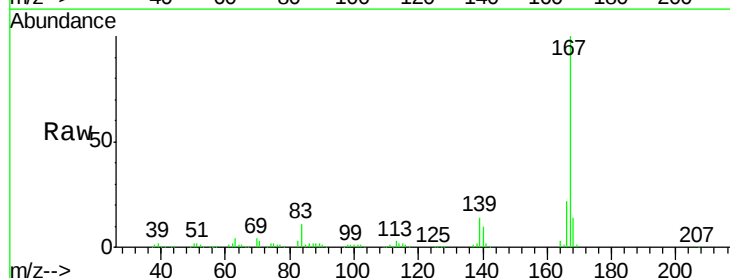
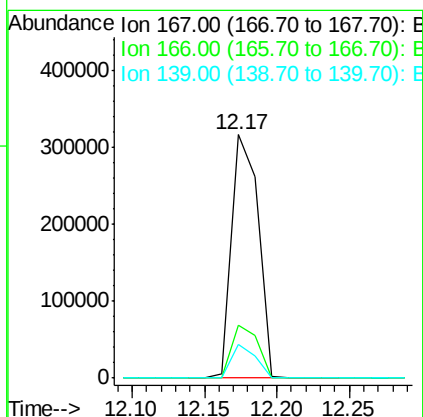
Manual Integrations
 APPROVED

apatel
 6/19/2015 1:31:44 PM



#72
 Carbazole
 Concen: 32.23 ng
 RT: 12.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	15.7	23.5
139	13.9	9.5	14.3





#73

Di-n-butylphthalate

Concen: 33.49 ng

RT: 12.53 min Scan# 826

Delta R.T. -0.08 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

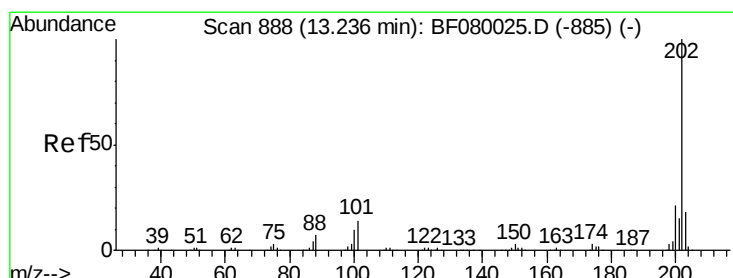
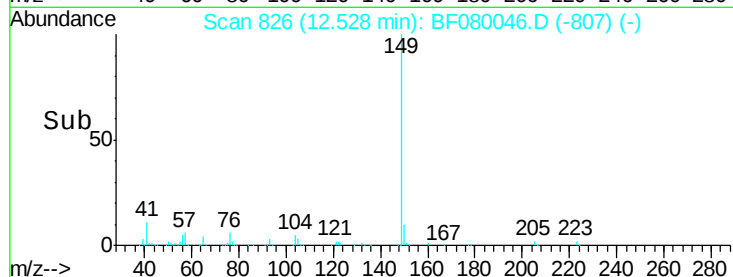
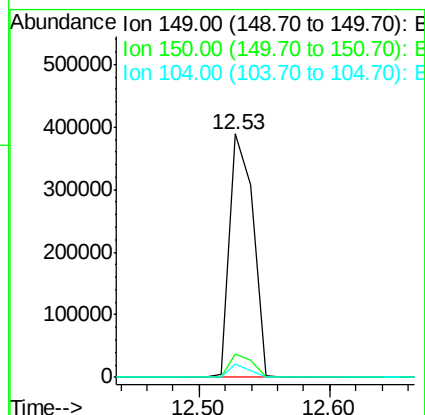
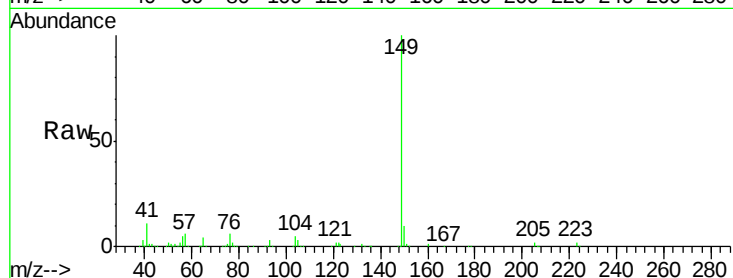
PB84072BS

Manual Integrations
APPROVED

apatel

6/19/2015 1:31:44 PM

Tgt	Ion	149	Resp:	485238
	Ratio	100	Lower	Upper
	149	100		
	150	9.5	7.4	11.2
	104	5.4	2.4	3.6#



#74

Fluoranthene

Concen: 33.64 ng

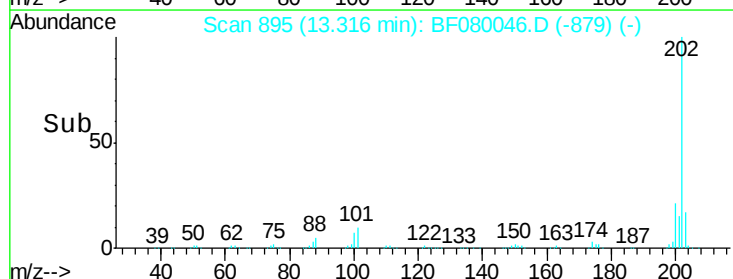
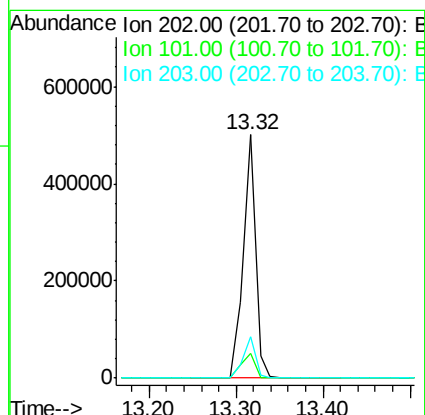
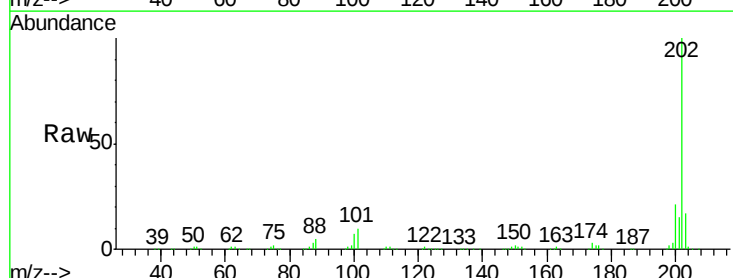
RT: 13.32 min Scan# 895

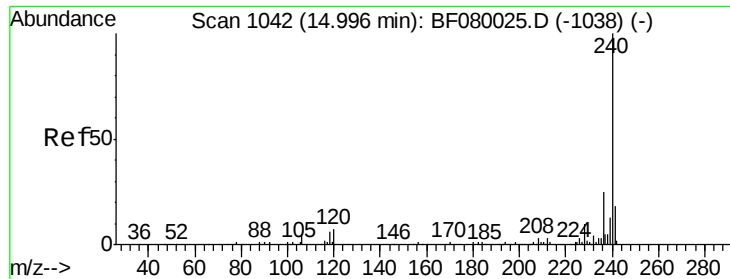
Delta R.T. -0.11 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt	Ion	202	Resp:	488609
	Ratio	100	Lower	Upper
	202	100		
	101	10.3	0.0	38.3
	203	17.2	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.16 min Scan# 1056

Delta R.T. -0.25 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

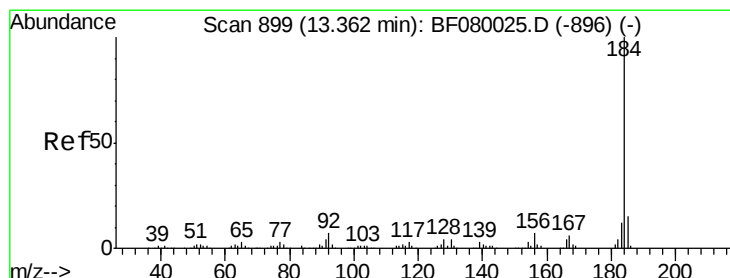
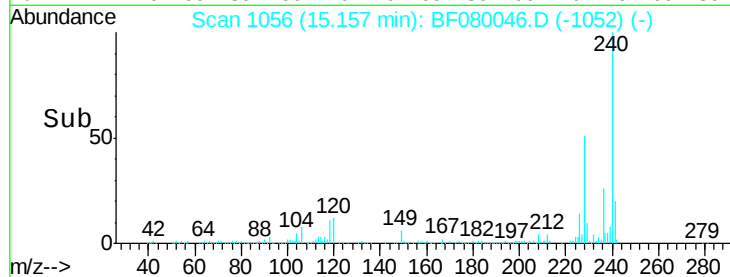
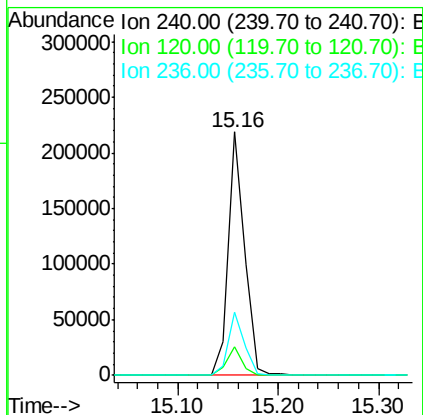
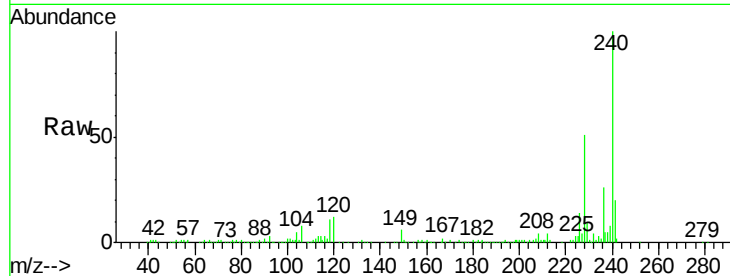
ClientSampleId :

PB84072BS

Tgt Ion:	240	Resp:	247322
Ion Ratio	Lower	Upper	
240	100		
120	11.5	16.2	24.2#
236	25.7	18.4	27.6

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM



#76

Benzidine

Concen: 39.40 ng

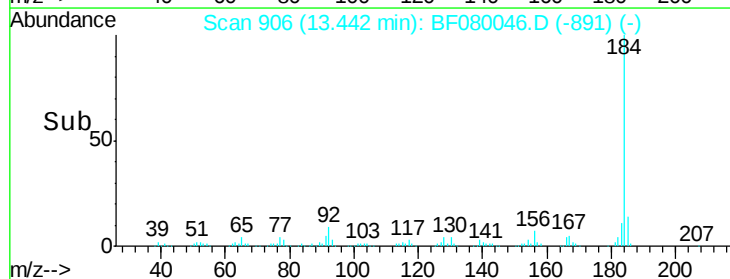
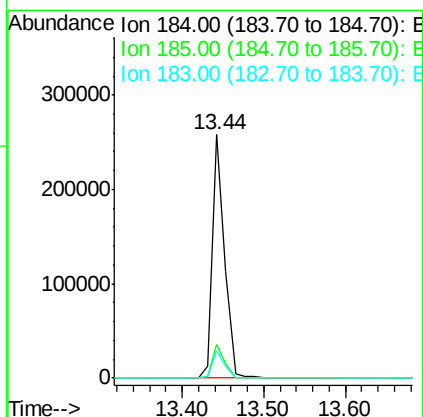
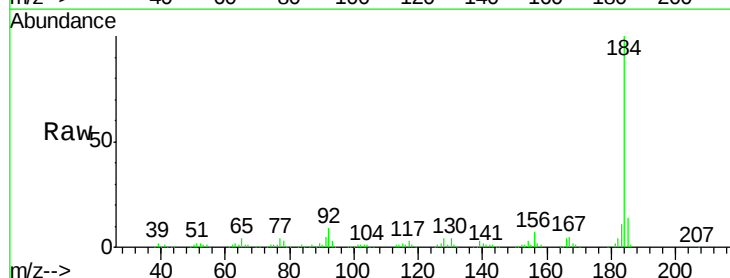
RT: 13.44 min Scan# 906

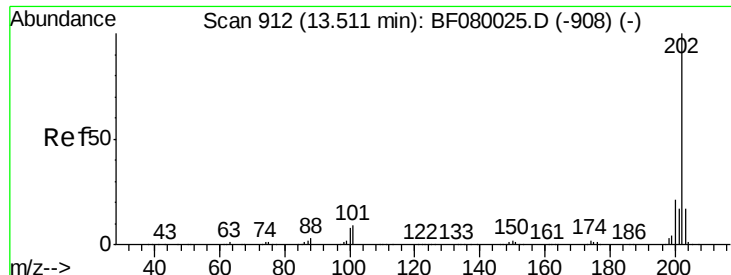
Delta R.T. -0.13 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion:	184	Resp:	272357
Ion Ratio	Lower	Upper	
184	100		
185	14.0	11.8	17.6
183	11.3	7.6	11.4





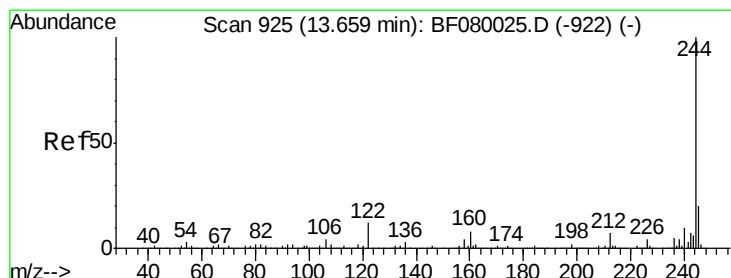
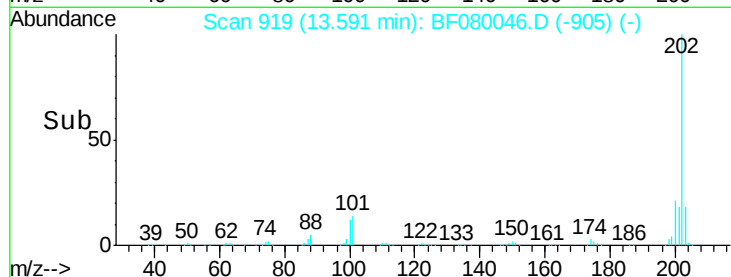
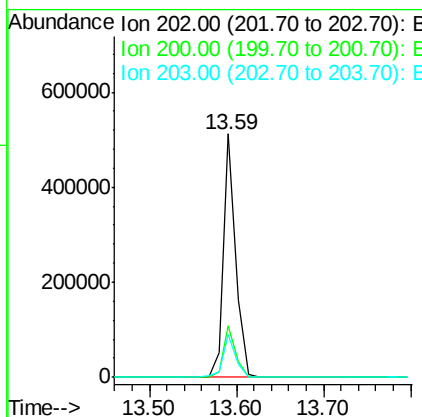
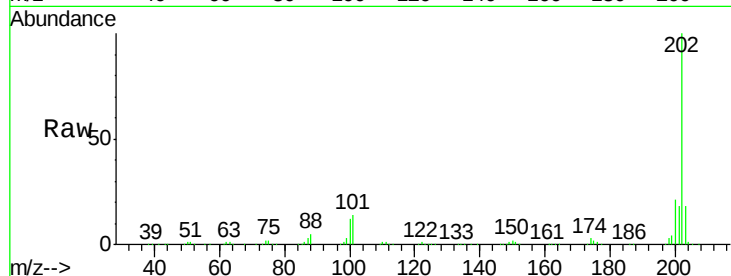
#77
 Pyrene
 Concen: 33.31 ng
 RT: 13.59 min Scan# 919
 Delta R.T. -0.14 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	15.0	22.4
203	17.6	14.1	21.1

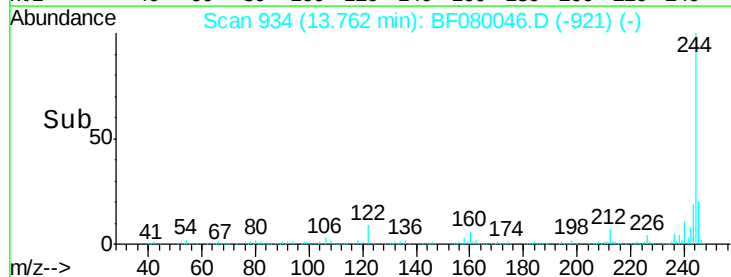
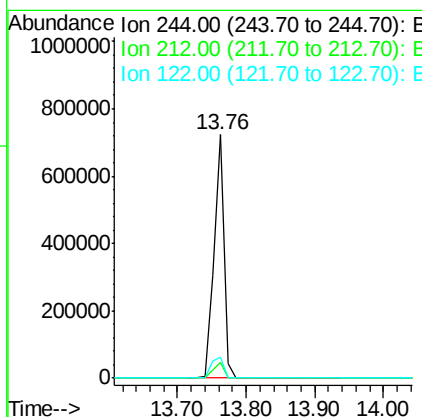
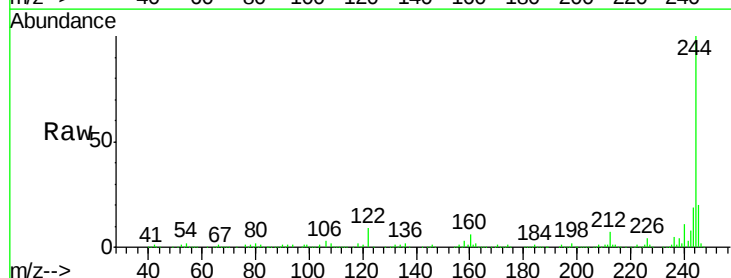
Manual Integrations
 APPROVED

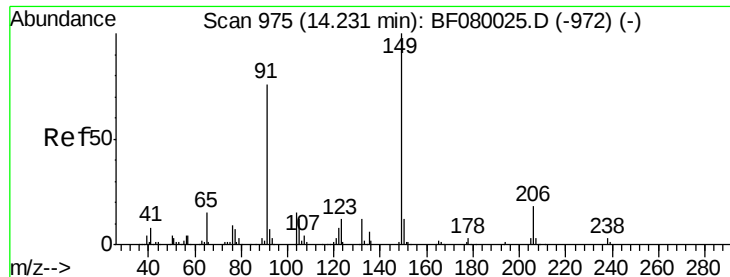
apatel
 6/19/2015 1:31:44 PM



#78
 Terphenyl-d14
 Concen: 70.62 ng
 RT: 13.76 min Scan# 934
 Delta R.T. -0.15 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.7	4.3	6.5#
122	8.7	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 36.27 ng

RT: 14.37 min Scan# 987

Delta R.T. -0.19 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

ClientSampleId :

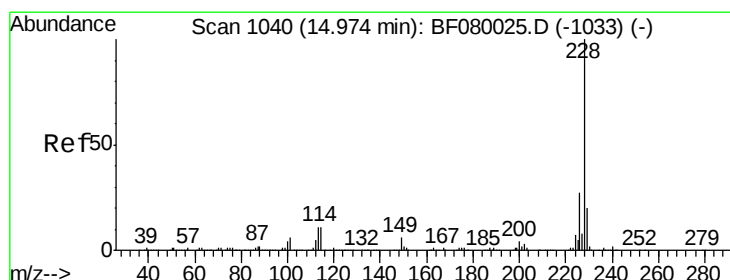
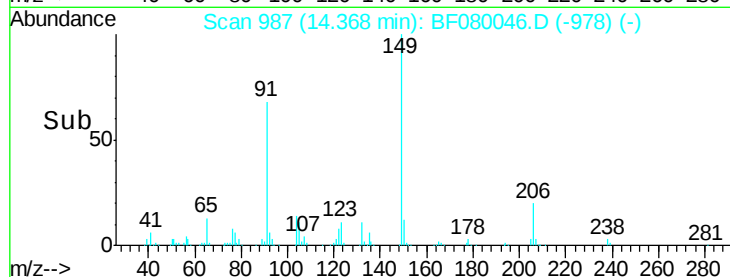
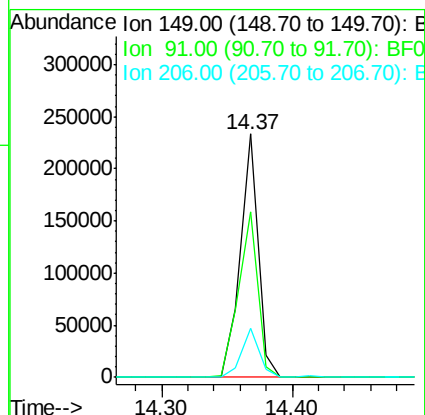
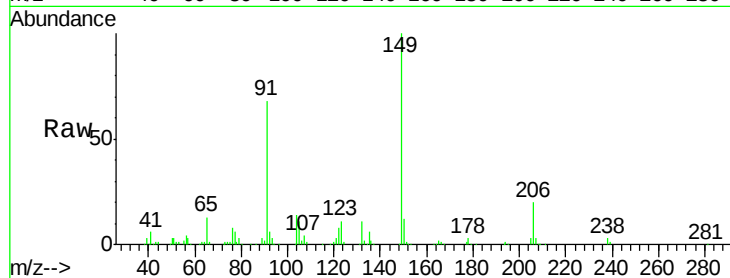
PB84072BS

Manual Integrations
APPROVED

apatel

6/19/2015 1:31:44 PM

Tgt Ion:	149	Resp:	221763
Ion Ratio	Lower	Upper	
149	100		
91	68.1	48.6	72.8
206	20.1	14.9	22.3



#80

Benzo(a)anthracene

Concen: 32.74 ng

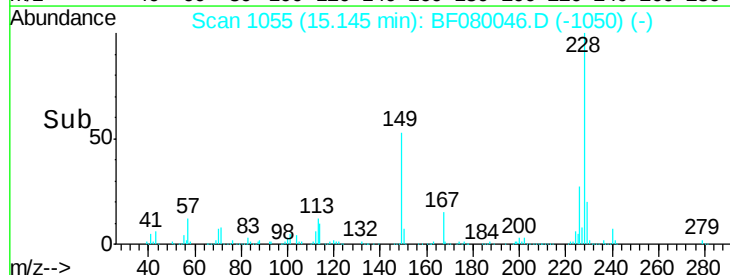
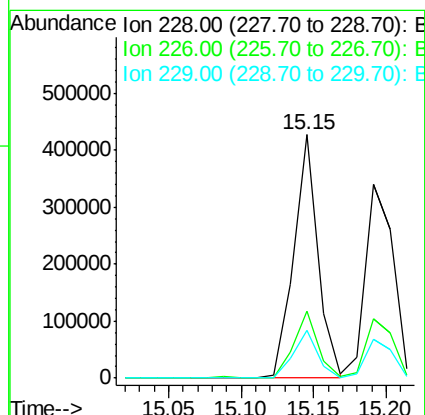
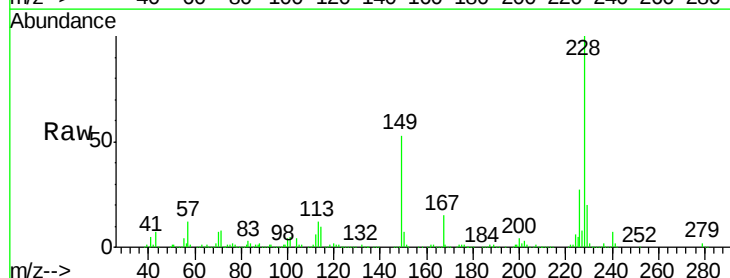
RT: 15.15 min Scan# 1055

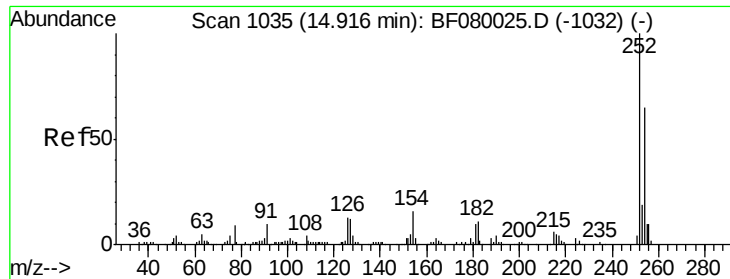
Delta R.T. -0.24 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion:	228	Resp:	493360
Ion Ratio	Lower	Upper	
228	100		
226	27.4	20.0	30.0
229	19.7	15.4	23.2





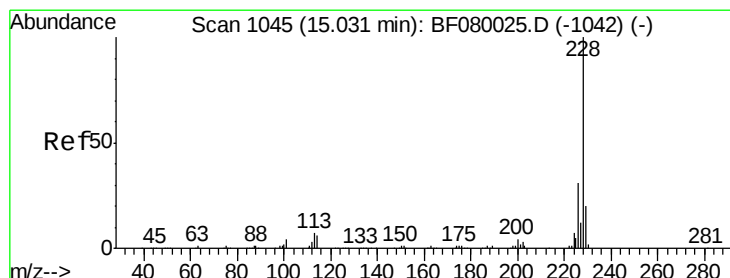
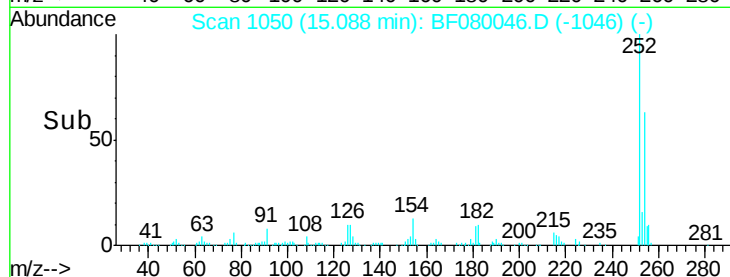
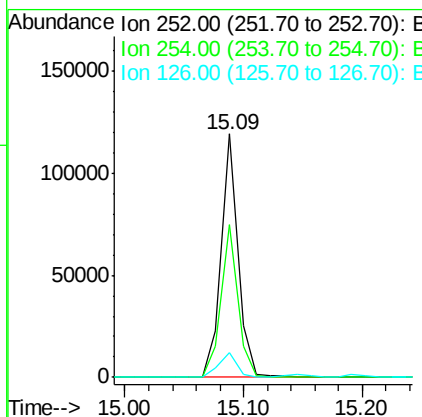
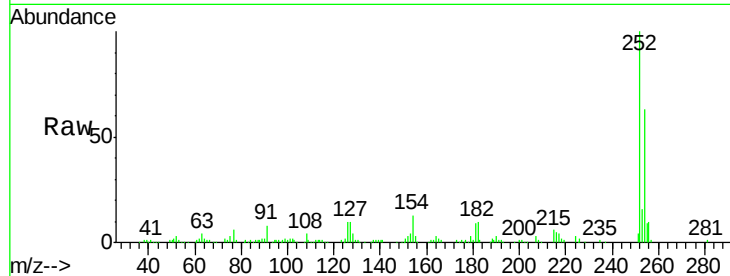
#81
 3,3'-Dichlorobenzidine
 Concen: 22.55 ng
 RT: 15.09 min Scan# 1050
 Delta R.T. -0.25 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	117183		
254	62.8	51.4	77.2	
126	10.2	16.4	24.6	

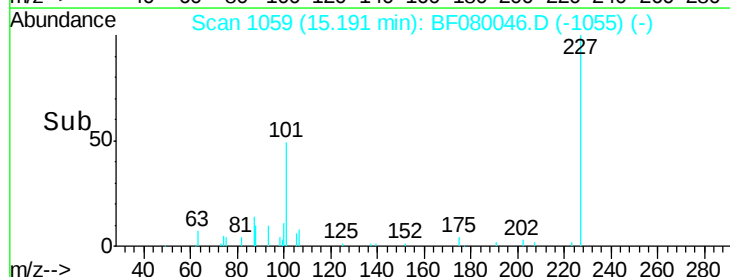
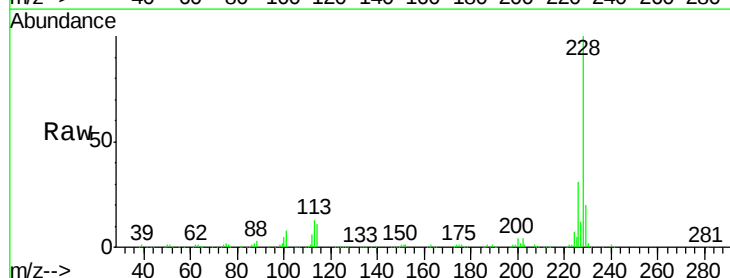
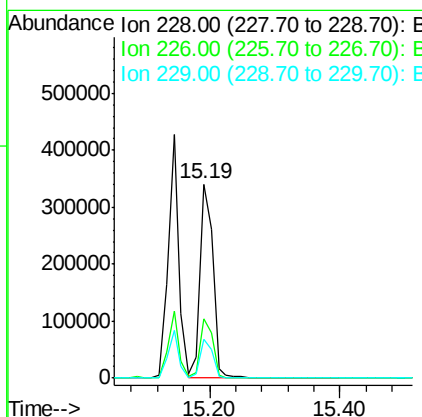
Manual Integrations
 APPROVED

apatel
 6/19/2015 1:31:44 PM



#82
 Chrysene
 Concen: 32.93 ng
 RT: 15.19 min Scan# 1059
 Delta R.T. -0.25 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	457505		
226	30.6	21.0	31.4	
229	19.9	15.6	23.4	





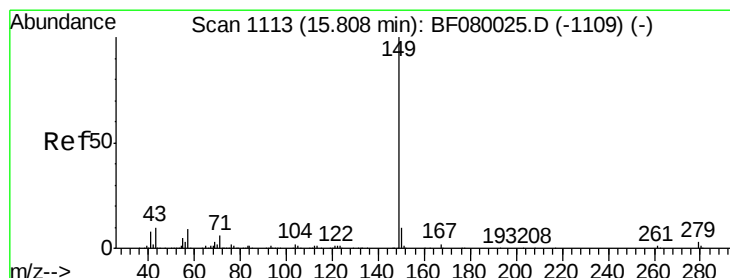
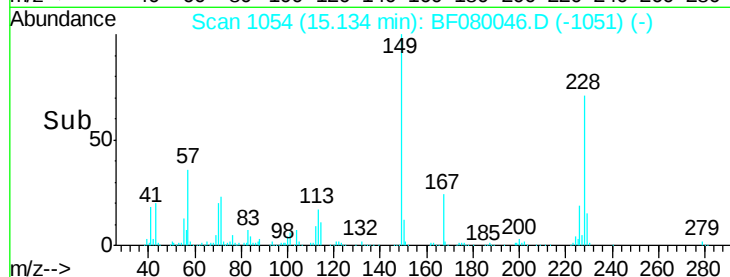
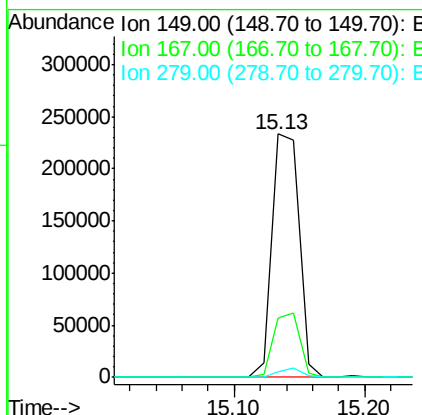
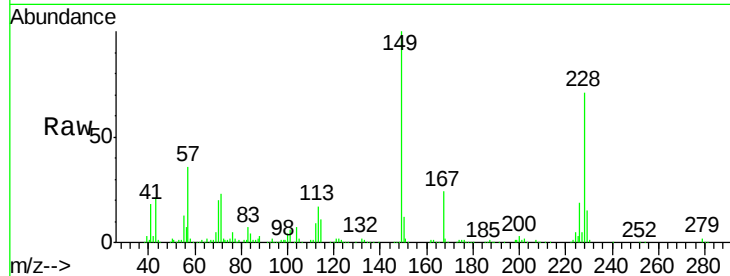
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.70 ng
 RT: 15.13 min Scan# 1054
 Delta R.T. -0.26 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	24.3	24.2	36.2
279	2.1	3.8	5.6

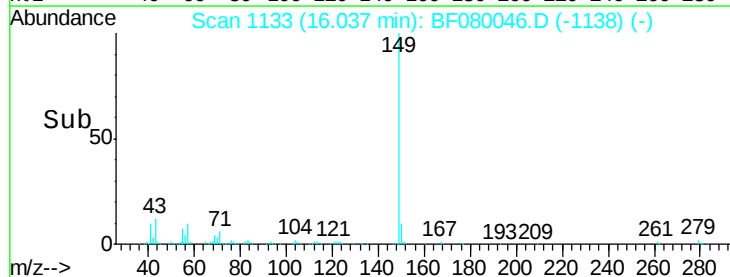
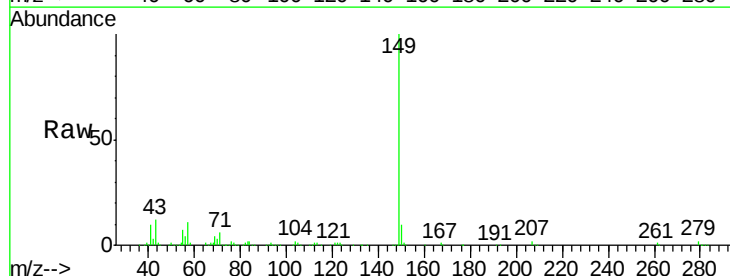
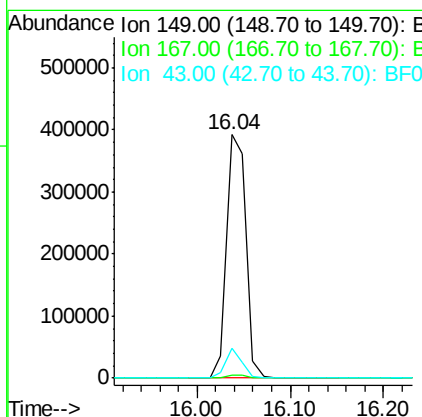
Manual Integrations
 APPROVED

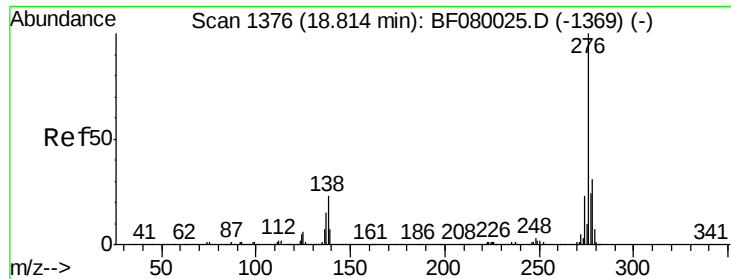
apatel
 6/19/2015 1:31:44 PM



#84
 Di-n-octyl phthalate
 Concen: 34.19 ng
 RT: 16.04 min Scan# 1133
 Delta R.T. -0.35 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.5	1.0	1.6
43	10.2	10.2	15.2





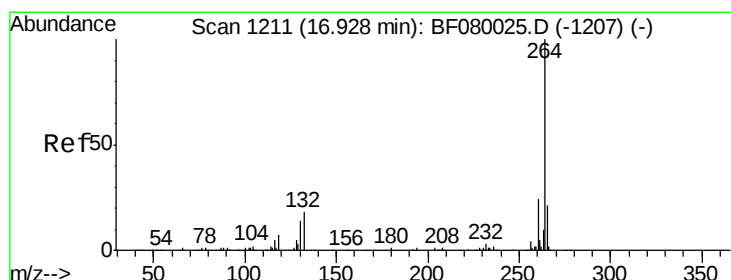
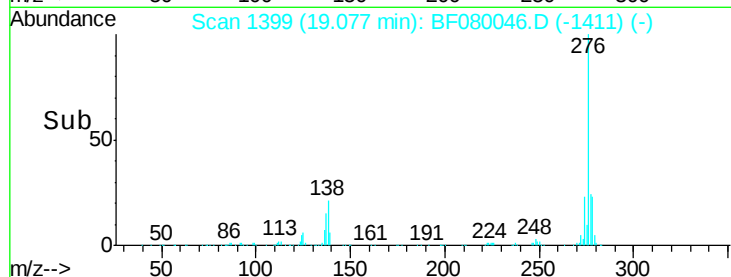
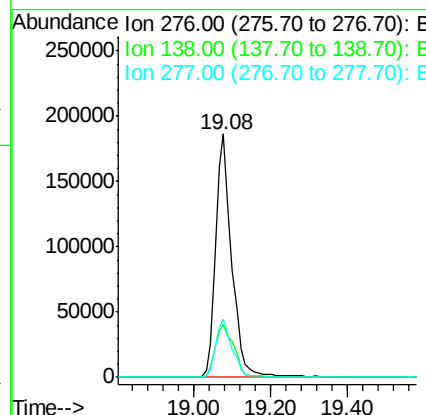
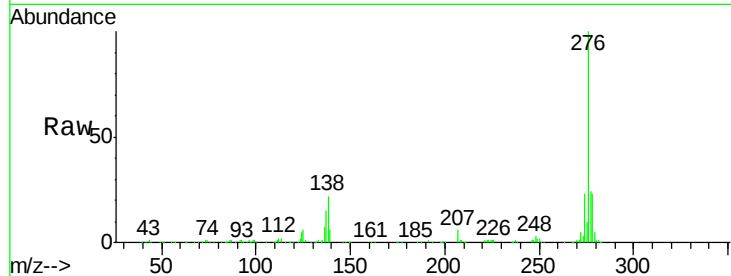
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.63 ng
 RT: 19.08 min Scan# 1399
 Delta R.T. -0.43 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	25.7	38.5#
277	24.8	15.6	23.4#

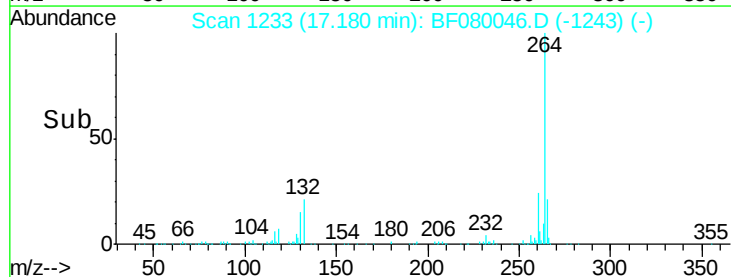
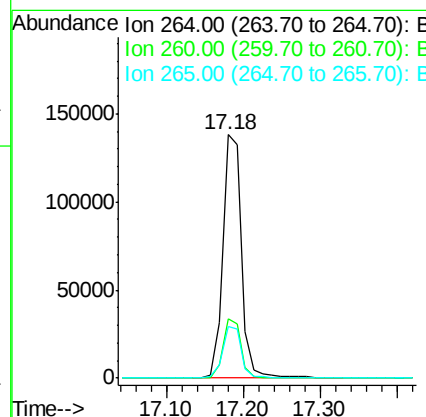
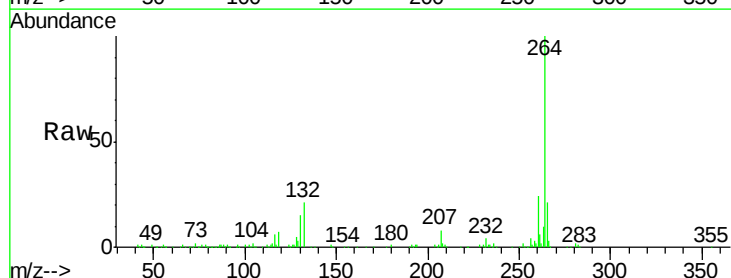
Manual Integrations
 APPROVED

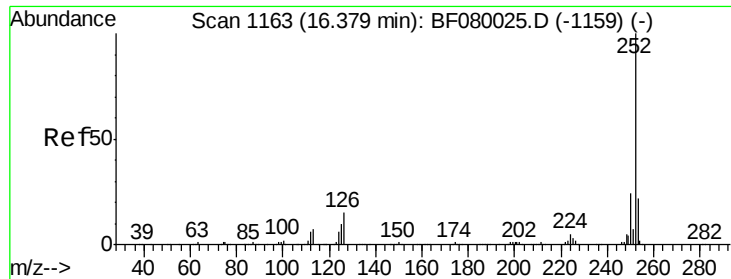
apatel
 6/19/2015 1:31:44 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.18 min Scan# 1233
 Delta R.T. -0.41 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 35.67 ng

RT: 16.63 min Scan# 1185

Delta R.T. -0.38 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Instrument :

BNA_F

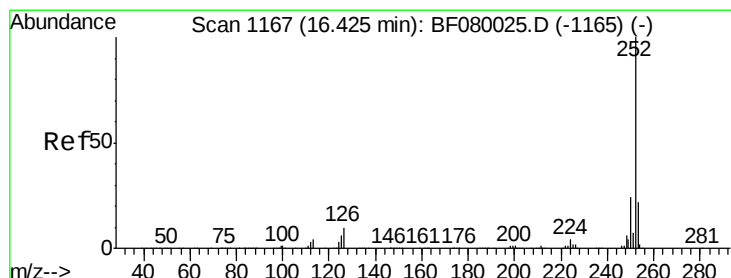
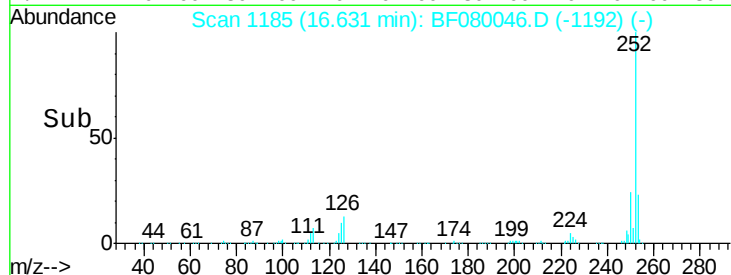
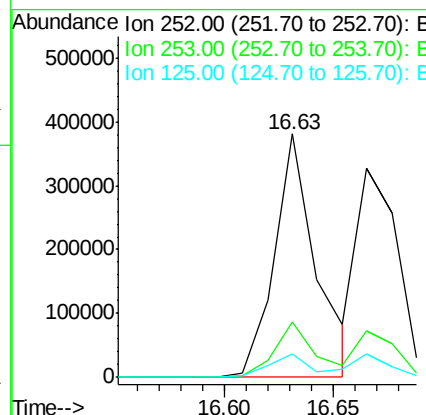
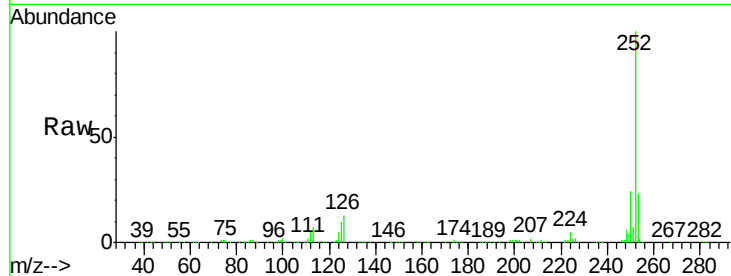
ClientSampleId :

PB84072BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	509749		
253	22.6	17.5	26.3	
125	9.8	17.1	25.7	

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM



#88

Benzo(k)fluoranthene

Concen: 30.43 ng

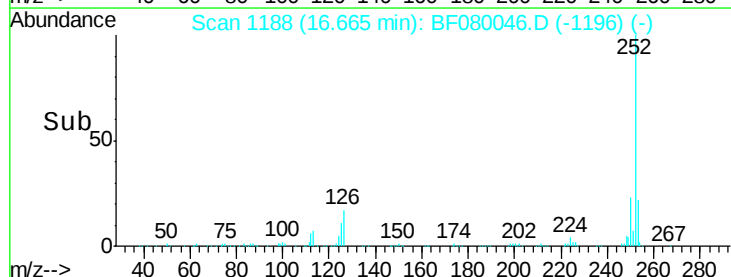
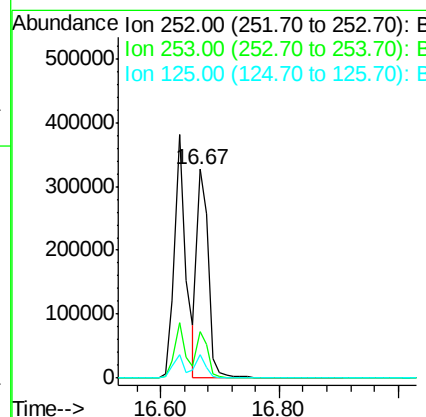
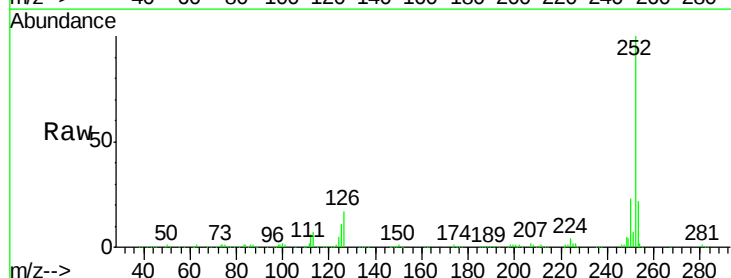
RT: 16.67 min Scan# 1188

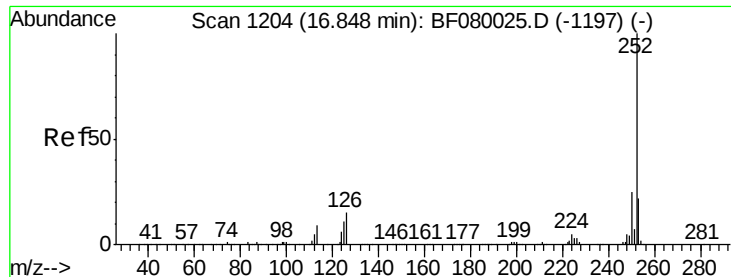
Delta R.T. -0.39 min

Lab File: BF080046.D

Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	442862		
253	22.3	17.0	25.4	
125	11.2	16.0	24.0	





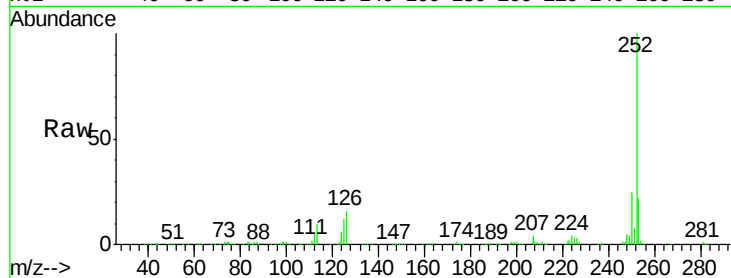
#89
Benzo(a)pyrene
Concen: 34.97 ng
RT: 17.10 min Scan# 1226
Delta R.T. -0.41 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Instrument :
BNA_F
ClientSampleId :
PB84072BS

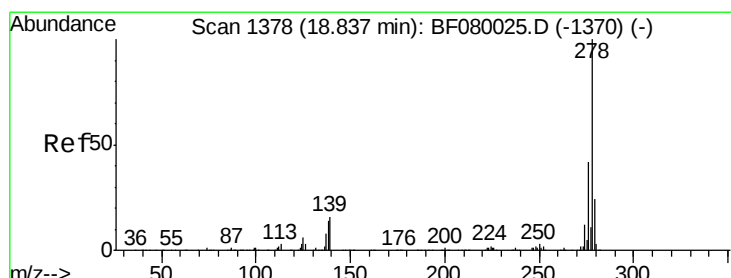
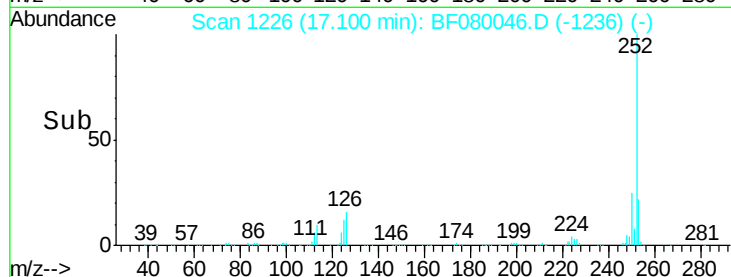
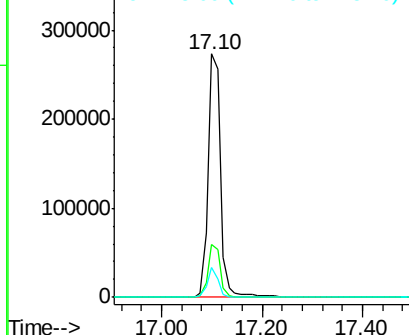
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	12.1	18.0	27.0

Manual Integrations
APPROVED

apatel
6/19/2015 1:31:44 PM

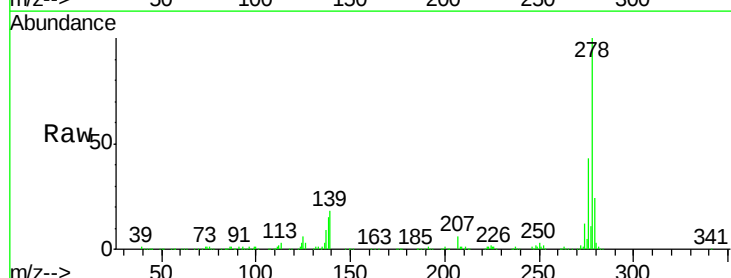


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

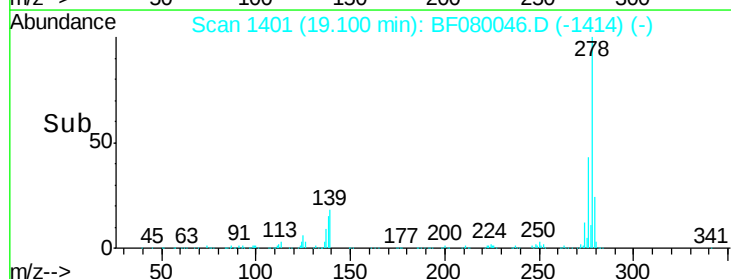
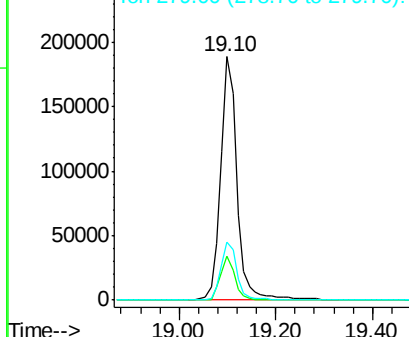


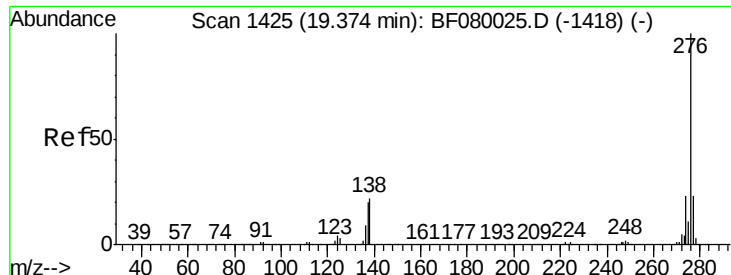
#90
Dibenzo(a,h)anthracene
Concen: 32.25 ng
RT: 19.10 min Scan# 1401
Delta R.T. -0.45 min
Lab File: BF080046.D
Acq: 18 Jun 2015 15:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	26.3	39.5
279	23.8	18.2	27.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 31.90 ng
 RT: 19.64 min Scan# 1448
 Delta R.T. -0.46 min
 Lab File: BF080046.D
 Acq: 18 Jun 2015 15:03

Instrument :
 BNA_F
 ClientSampleId :
 PB84072BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	22.4	34.6	51.8#

Manual Integrations
 APPROVED

apatel
 6/19/2015 1:31:44 PM

