

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080173.D
 Acq On : 25 Jun 2015 18:40
 Operator : TP/IZ
 Sample : PB84215BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Manual Integrations
 APPROVED

apatel
 6/26/2015 2:05:21 PM

Quant Time: Jun 26 02:04:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	30376	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	120439	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	64134	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	127598	20.00	ng	0.00
75) Chrysene-d12	14.75	240	137375	20.00	ng	-0.08
86) Perylene-d12	16.57	264	130002	20.00	ng	-0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	245413	143.02	ng	0.00
7) Phenol-d6	6.89	99	319985	140.13	ng	-0.01
23) Nitrobenzene-d5	7.85	82	206488	99.81	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	88000	140.32	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	372335	82.79	ng	-0.01
78) Terphenyl-d14	13.52	244	506720	86.15	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	27662	33.91	ng	85
3) Pyridine	3.98	79	79893	36.83	ng	# 82
4) n-Nitrosodimethylamine	3.88	42	43961	42.64	ng	93
6) Aniline	6.95	93	83489	26.58	ng	95
8) 2-Chlorophenol	7.08	128	91274	46.02	ng	89
9) Benzaldehyde	6.84	77	47617	36.12	ng	# 69
10) Phenol	6.92	94	108775	43.65	ng	86
11) bis(2-Chloroethyl)ether	7.02	93	79195	40.06	ng	85
12) 1,3-Dichlorobenzene	7.24	146	97989m	41.13	ng	
13) 1,4-Dichlorobenzene	7.32	146	103592	45.72	ng	97
14) 1,2-Dichlorobenzene	7.48	146	91654	41.57	ng	98
15) Benzyl Alcohol	7.42	79	80184	42.95	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.56	45	140480	47.87	ng	88
17) 2-Methylphenol	7.53	107	68047	40.17	ng	# 90
18) Hexachloroethane	7.82	117	34489	45.71	ng	# 81
19) n-Nitroso-di-n-propylamine	7.69	70	64034	40.39	ng	# 77
20) 3+4-Methylphenols	7.68	107	98975	45.27	ng	91
22) Acetophenone	7.69	105	127554	45.45	ng	# 83
24) Nitrobenzene	7.88	77	89934	42.12	ng	# 80
25) Isophorone	8.10	82	168815	40.55	ng	# 83
26) 2-Nitrophenol	8.20	139	45364	50.76	ng	# 78
27) 2,4-Dimethylphenol	8.22	122	86538	46.43	ng	86
28) bis(2-Chloroethoxy)methane	8.31	93	106805	43.66	ng	# 92
29) 2,4-Dichlorophenol	8.44	162	78603	49.25	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	86829	47.90	ng	99
31) Naphthalene	8.61	128	260009m	41.29	ng	
32) Benzoic acid	8.28	122	31855	28.27	ng	# 62
33) 4-Chloroaniline	8.64	127	45337m	16.82	ng	
34) Hexachlorobutadiene	8.73	225	47279	42.36	ng	98
35) Caprolactam	8.98	113	23412	45.19	ng	97
36) 4-Chloro-3-methylphenol	9.11	107	75834	42.12	ng	# 70
37) 2-Methylnaphthalene	9.30	142	192540	47.27	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	84873	45.48	ng	97
40) Hexachlorocyclopentadiene	9.46	237	83428	86.33	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080173.D
 Acq On : 25 Jun 2015 18:40
 Operator : TP/IZ
 Sample : PB84215BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB84215BS

Manual Integrations
 APPROVED

apatel
 6/26/2015 2:05:21 PM

Quant Time: Jun 26 02:04:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.58	196	59605	46.94	ng	100
43) 2,4,5-Trichlorophenol	9.61	196	61607	42.11	ng #	94
45) 1,1'-Biphenyl	9.76	154	210557	40.35	ng	94
46) 2-Chloronaphthalene	9.80	162	181810	42.94	ng	96
47) 2-Nitroaniline	9.88	65	49330	42.44	ng #	62
48) Acenaphthylene	10.22	152	304230	43.05	ng	97
49) Dimethylphthalate	10.06	163	196222	40.70	ng #	96
50) 2,6-Dinitrotoluene	10.12	165	42304	43.77	ng #	56
51) Acenaphthene	10.39	154	196185	45.38	ng	94
52) 3-Nitroaniline	10.29	138	30023	26.92	ng #	63
53) 2,4-Dinitrophenol	10.40	184	42384	105.71	ng #	47
54) Dibenzofuran	10.56	168	258758	42.18	ng #	89
55) 4-Nitrophenol	10.44	139	83855	94.07	ng #	59
56) 2,4-Dinitrotoluene	10.53	165	64294	52.42	ng #	91
57) Fluorene	10.90	166	199993	41.09	ng	94
58) 2,3,4,6-Tetrachlorophenol	10.68	232	53255	43.12	ng	97
59) Diethylphthalate	10.76	149	199792	41.15	ng	96
60) 4-Chlorophenyl-phenylether	10.89	204	98615	42.16	ng	89
61) 4-Nitroaniline	10.90	138	50056	43.46	ng #	58
62) Azobenzene	11.05	77	210744	42.64	ng	86
64) 4,6-Dinitro-2-methylphenol	10.94	198	30971	48.12	ng	95
65) n-Nitrosodiphenylamine	11.01	169	186062	44.78	ng	92
66) 4-Bromophenyl-phenylether	11.40	248	57578	42.44	ng #	82
67) Hexachlorobenzene	11.48	284	62335	41.34	ng #	76
68) Atrazine	11.53	200	54085	41.20	ng	84
69) Pentachlorophenol	11.66	266	73725	86.28	ng	99
70) Phenanthrene	11.89	178	329812	42.69	ng	97
71) Anthracene	11.93	178	311286	41.85	ng	98
72) Carbazole	12.08	167	286548	40.35	ng	96
73) Di-n-butylphthalate	12.41	149	356509	43.45	ng #	98
74) Fluoranthene	13.12	202	344002	41.81	ng	93
76) Benzidine	13.24	184	182577	47.55	ng	98
77) Pyrene	13.37	202	359667	42.52	ng	97
79) Butylbenzylphthalate	14.05	149	153365	45.15	ng	95
80) Benzo(a)anthracene	14.73	228	347354	41.50	ng	96
81) 3,3'-Dichlorobenzidine	14.68	252	63727	22.08	ng #	96
82) Chrysene	14.78	228	322023	41.73	ng	95
83) Bis(2-ethylhexyl)phthalate	14.71	149	223354	41.61	ng #	94
84) Di-n-octyl phthalate	15.49	149	378617	41.16	ng	94
85) Indeno(1,2,3-cd)pyrene	18.39	276	367680	37.78	ng #	89
87) Benzo(b)fluoranthene	16.04	252	341046	43.33	ng #	89
88) Benzo(k)fluoranthene	16.07	252	322540	40.24	ng #	91
89) Benzo(a)pyrene	16.49	252	330576	44.22	ng #	86
90) Dibenzo(a,h)anthracene	18.41	278	306832	40.10	ng #	81
91) Benzo(g,h,i)perylene	18.94	276	311724	40.35	ng #	77

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

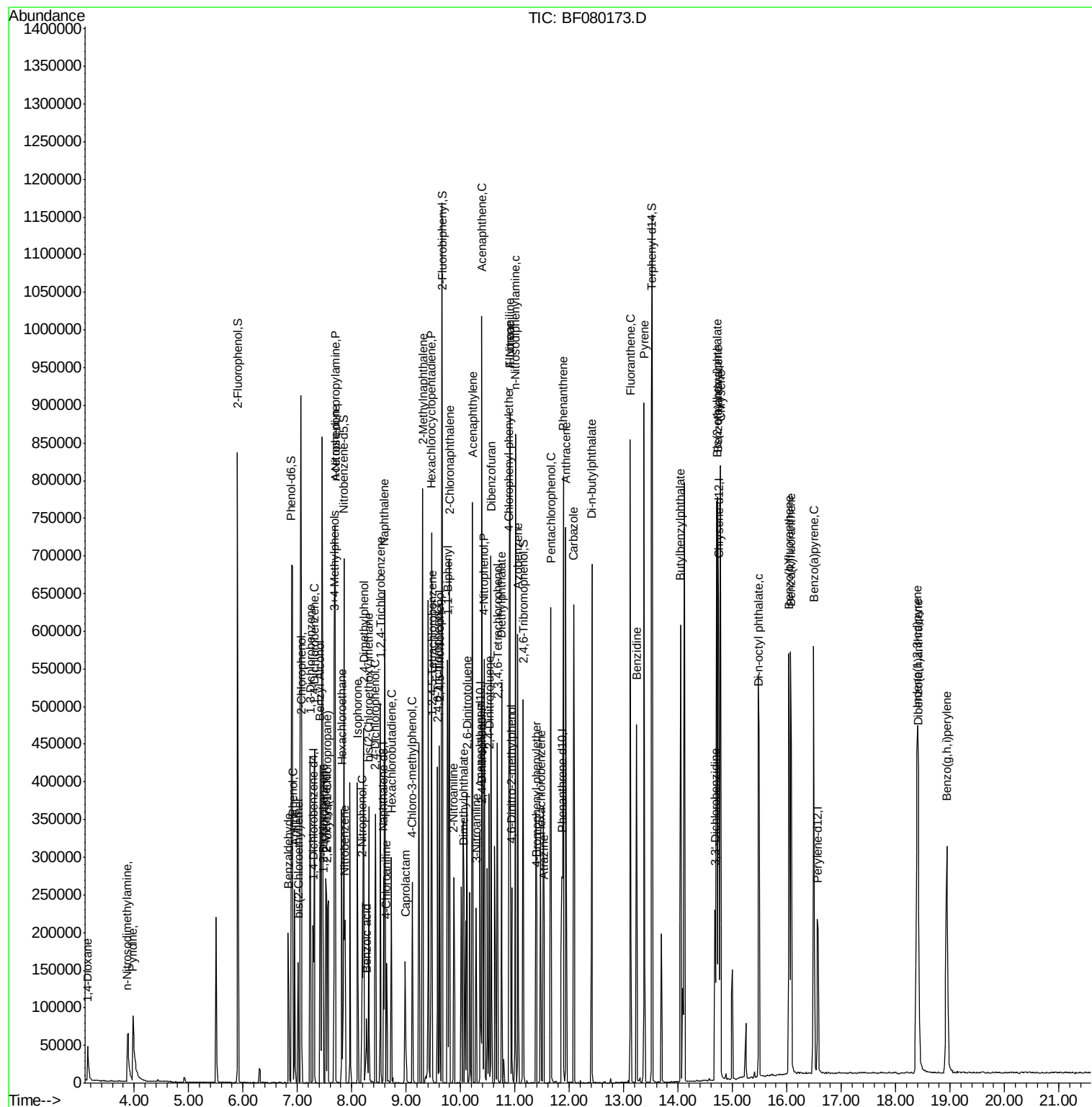
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080173.D
Acq On : 25 Jun 2015 18:40
Operator : TP/IZ
Sample : PB84215BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

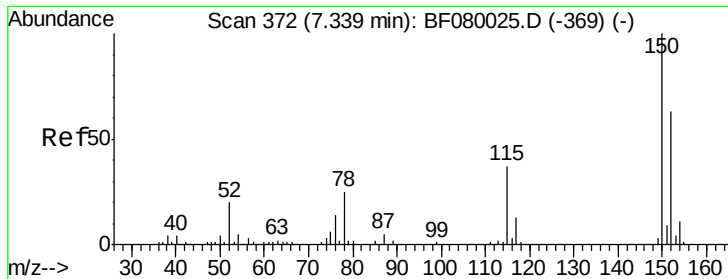
Instrument :
BNA_F
ClientSampleId :
PB84215BS

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM

Quant Time: Jun 26 02:04:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

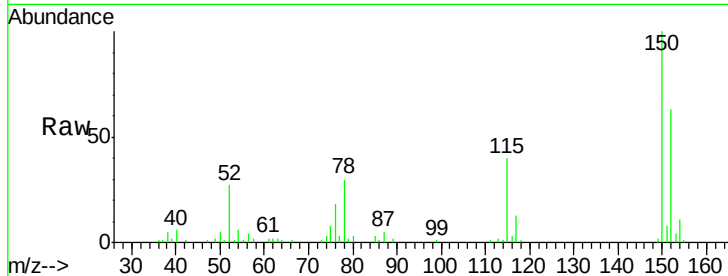
ClientSampleId :

PB84215BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.7	187.1
115	64.3	39.0	58.4

Manual Integrations
APPROVED

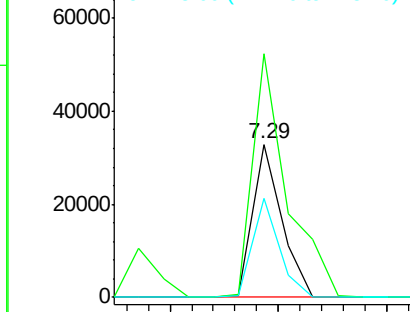
apatel
6/26/2015 2:05:21 PM



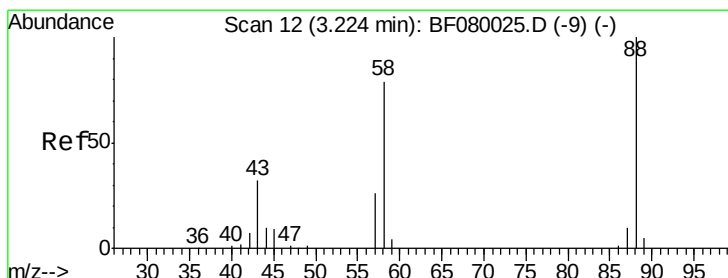
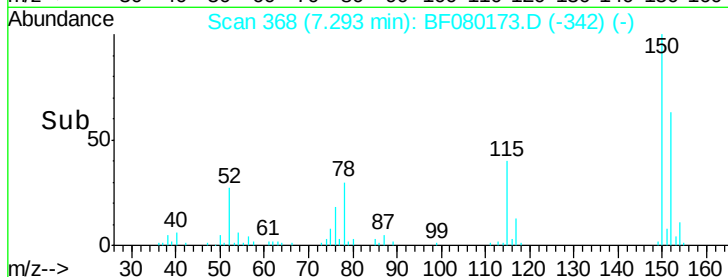
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 33.91 ng

RT: 3.14 min Scan# 5

Delta R.T. 0.01 min

Lab File: BF080173.D

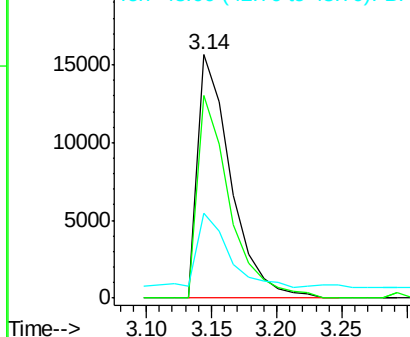
Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	77.7	116.5
43	27.7	26.6	40.0

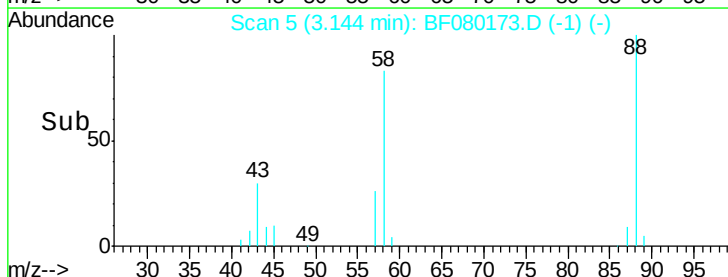
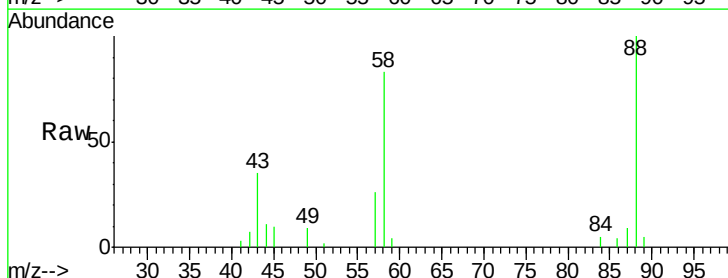
Abundance Ion 88.00 (87.70 to 88.70): BF0

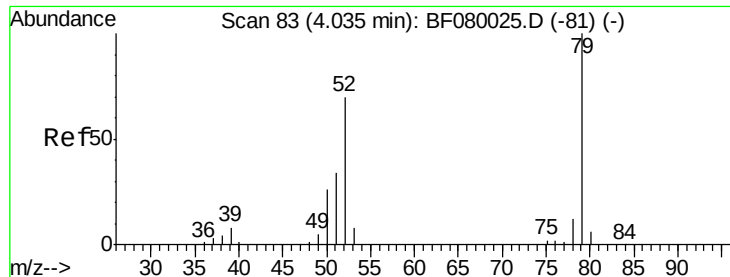
Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->





#3

Pyridine

Concen: 36.83 ng

RT: 3.98 min Scan# 78

Delta R.T. 0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

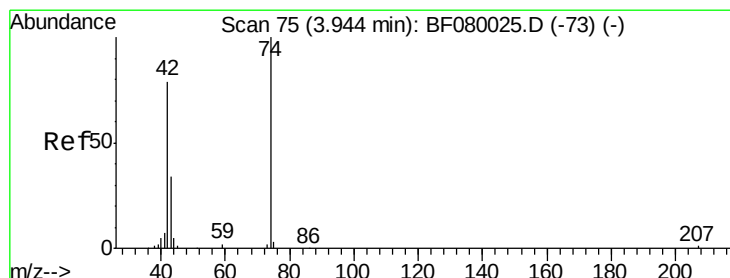
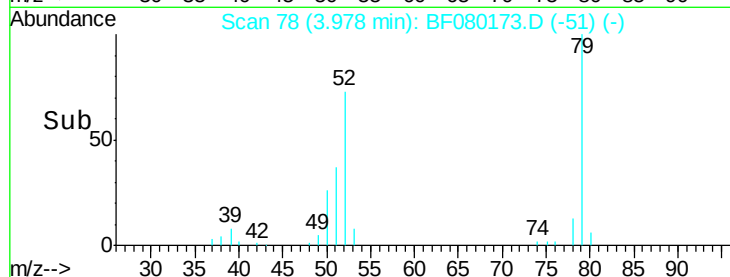
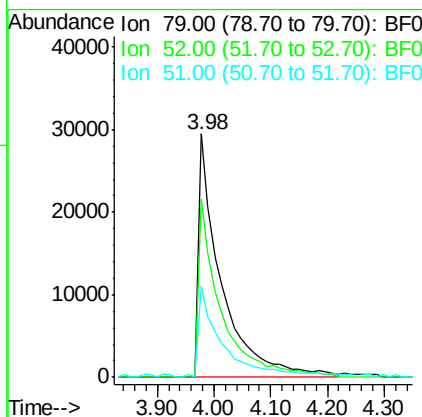
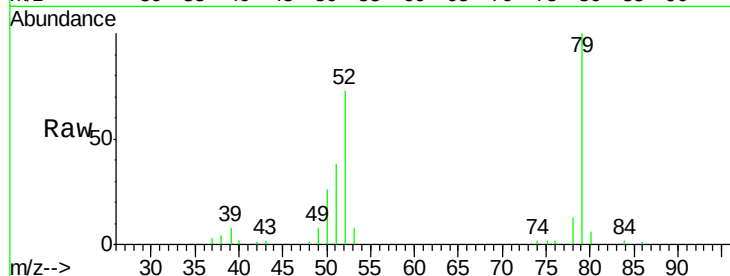
ClientSampleId :

PB84215BS

Tgt Ion:	79	Resp:	79893
Ion Ratio	Lower	Upper	
79	100		
52	73.1	76.8	115.2#
51	37.6	32.2	48.4

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#4

n-Nitrosodimethylamine

Concen: 42.64 ng

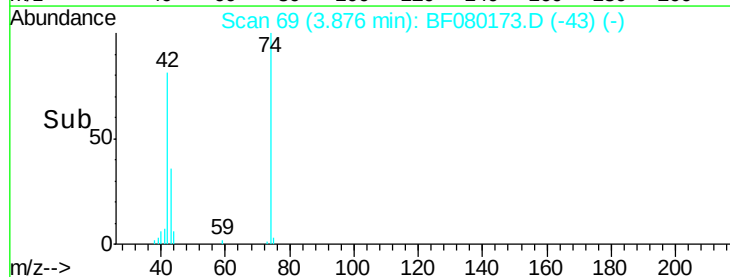
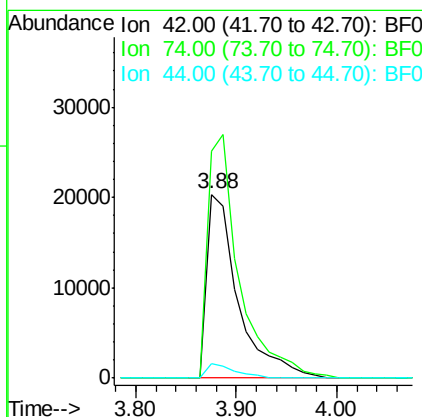
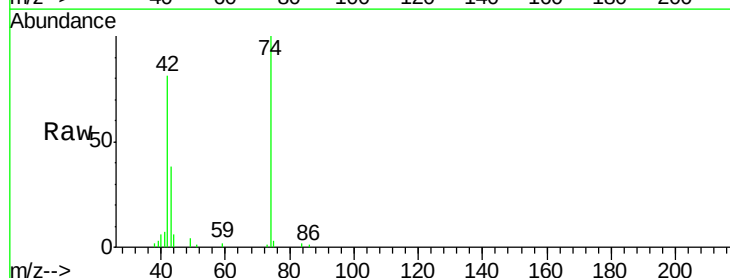
RT: 3.88 min Scan# 69

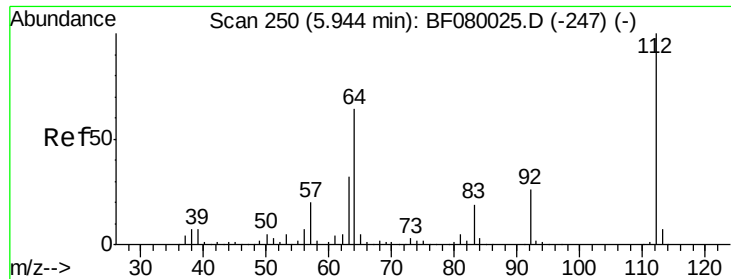
Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion:	42	Resp:	43961
Ion Ratio	Lower	Upper	
42	100		
74	123.1	105.0	157.6
44	7.7	6.6	10.0





#5

2-Fluorophenol

Concen: 143.02 ng

RT: 5.90 min Scan# 246

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

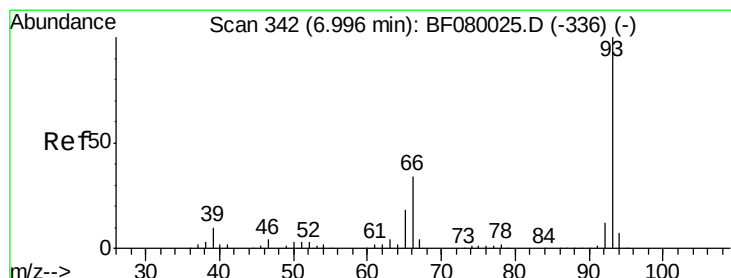
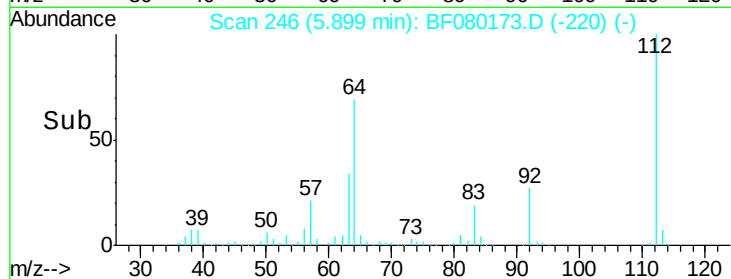
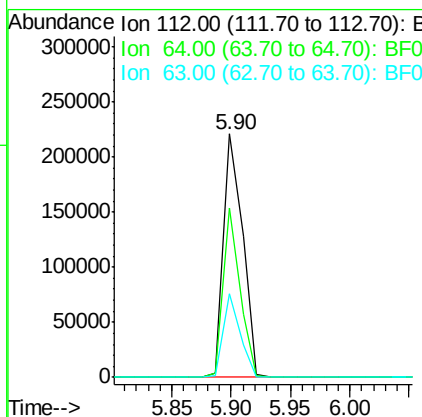
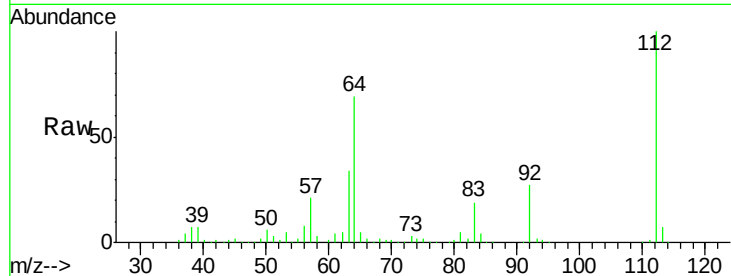
ClientSampleId :

PB84215BS

Tgt Ion:	112	Resp:	245413
Ion Ratio	Lower	Upper	
112	100		
64	69.5	39.7	59.5#
63	34.5	17.4	26.0#

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#6

Aniline

Concen: 26.58 ng

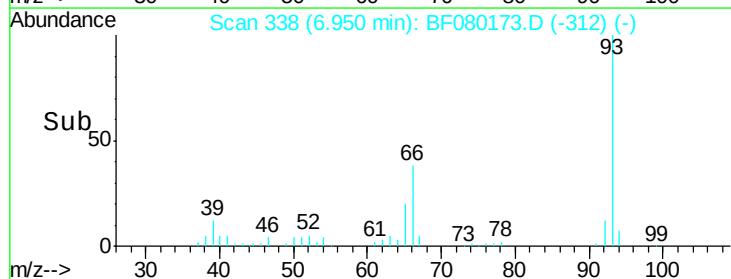
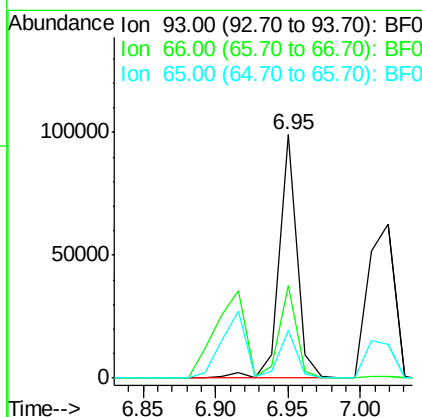
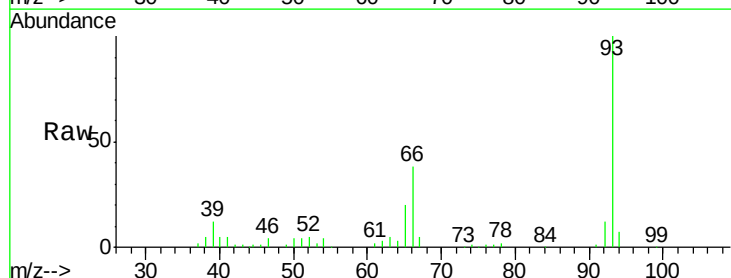
RT: 6.95 min Scan# 338

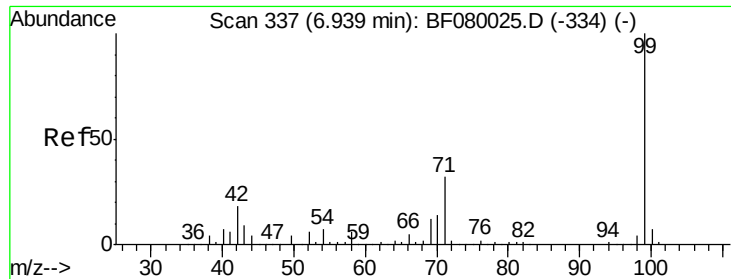
Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion:	93	Resp:	83489
Ion Ratio	Lower	Upper	
93	100		
66	38.0	27.2	40.8
65	19.5	14.7	22.1





#7

Phenol-d6

Concen: 140.13 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

PB84215BS

Tgt Ion: 99 Resp: 319985

Ion Ratio Lower Upper

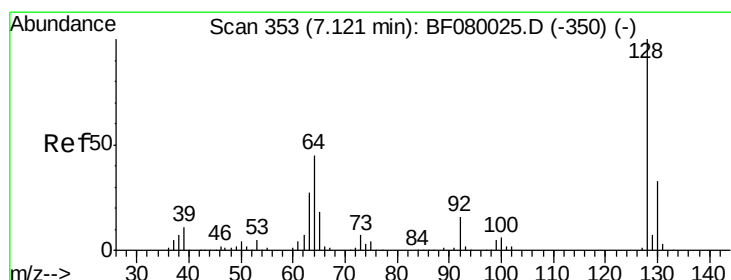
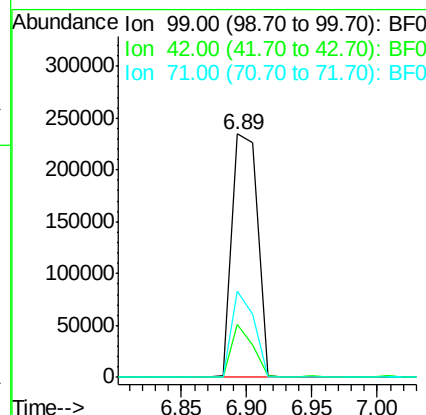
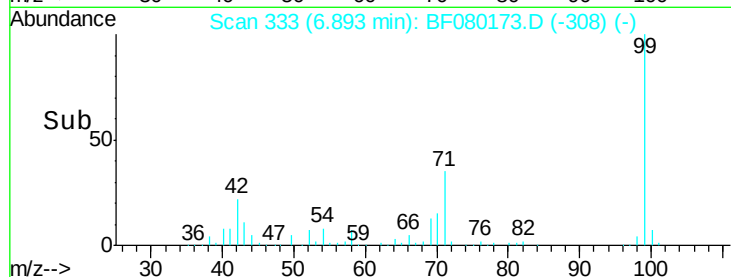
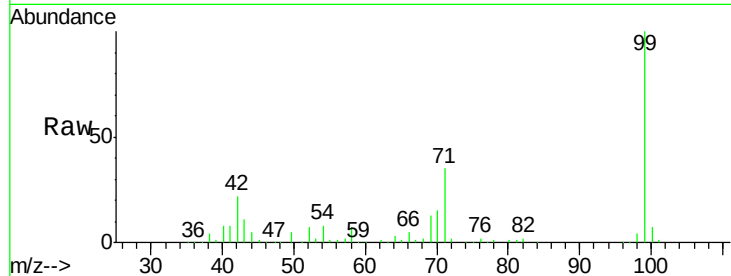
99 100

42 22.0 13.7 20.5#

71 35.3 14.2 21.2#

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#8

2-Chlorophenol

Concen: 46.02 ng

RT: 7.08 min Scan# 349

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

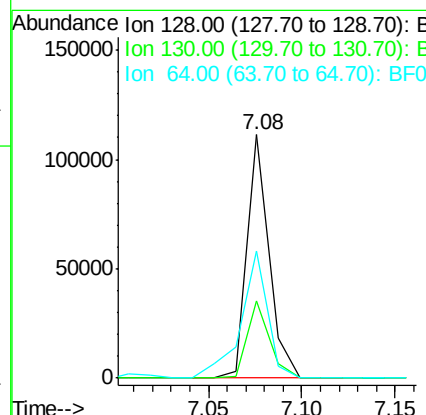
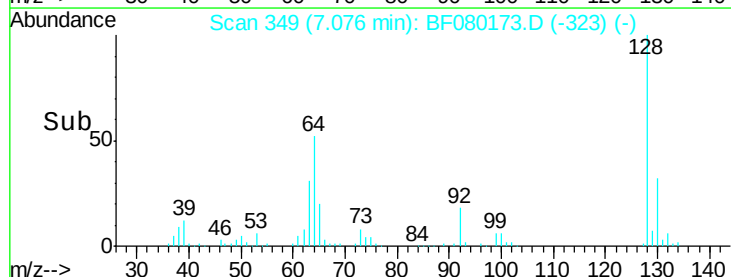
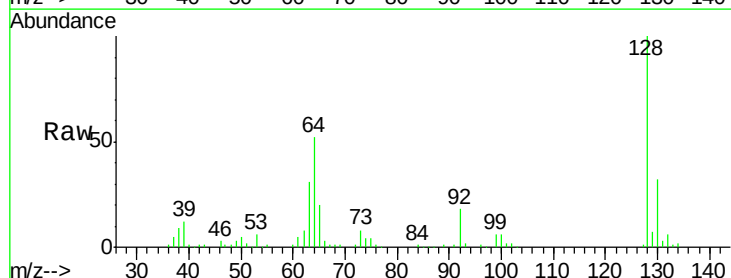
Tgt Ion: 128 Resp: 91274

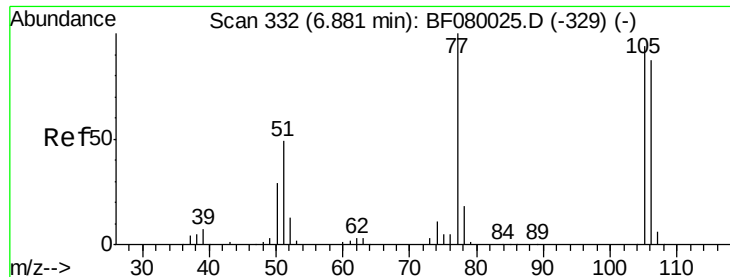
Ion Ratio Lower Upper

128 100

130 31.8 12.2 52.2

64 52.3 20.5 60.5





#9

Benzaldehyde

Concen: 36.12 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

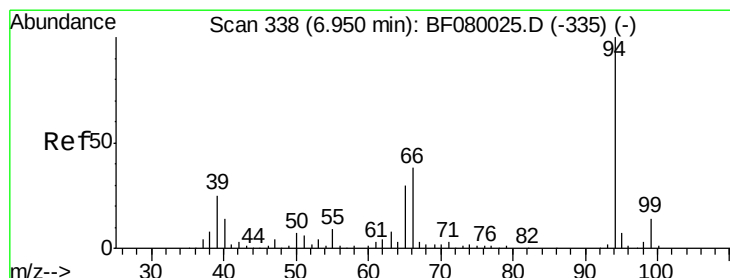
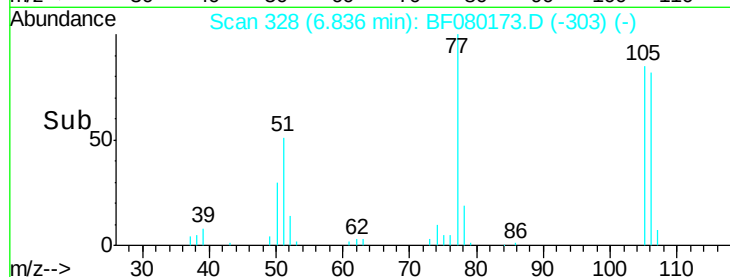
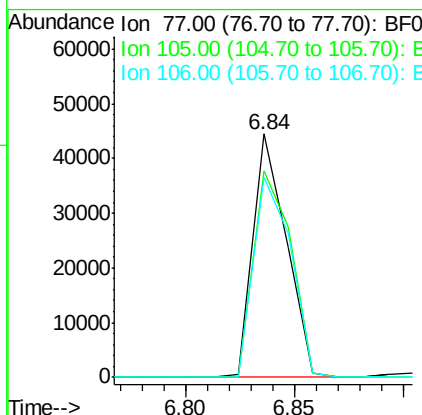
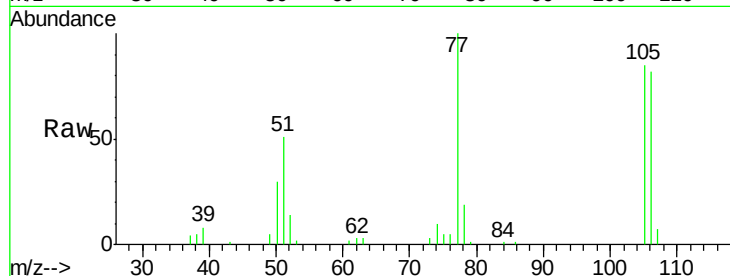
PB84215BS

Manual Integrations
APPROVED

apatel

6/26/2015 2:05:21 PM

Tgt Ion:	77	Resp:	47617
Ion	Ratio	Lower	Upper
77	100		
105	84.7	91.6	131.6#
106	82.4	102.6	142.6#



#10

Phenol

Concen: 43.65 ng

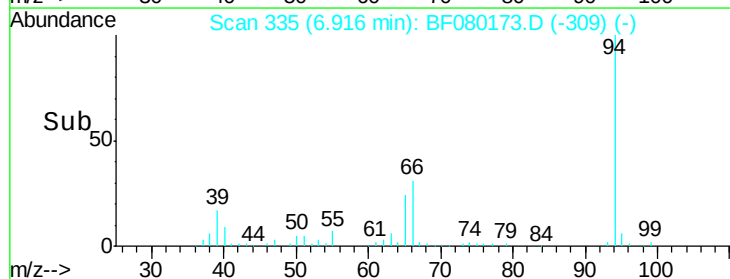
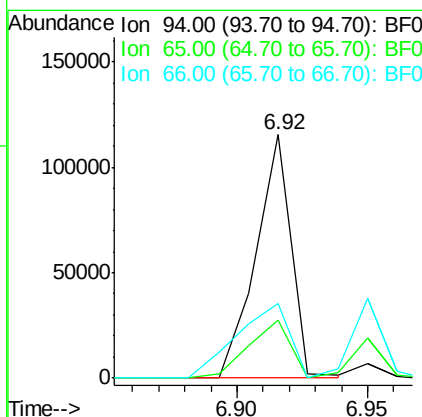
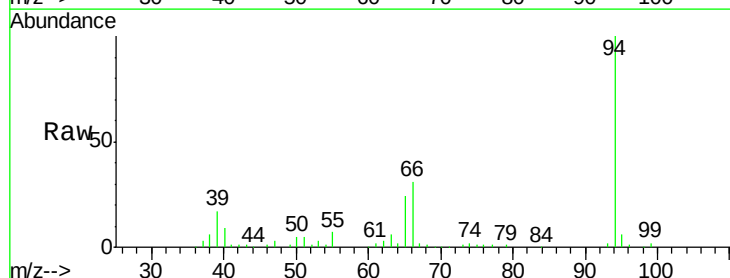
RT: 6.92 min Scan# 335

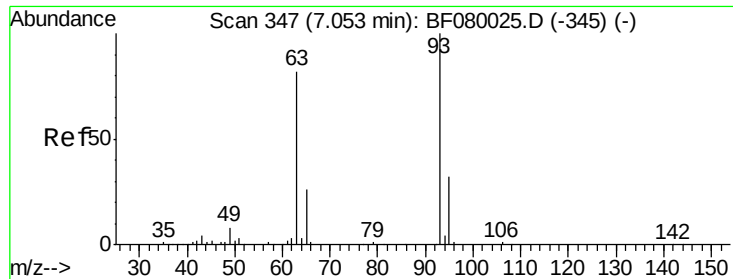
Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion:	94	Resp:	108775
Ion	Ratio	Lower	Upper
94	100		
65	23.8	0.7	40.7
66	30.7	0.8	40.8





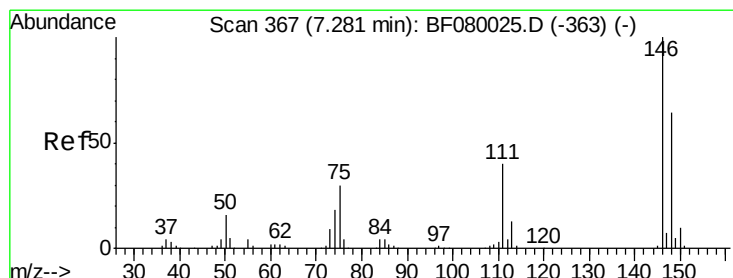
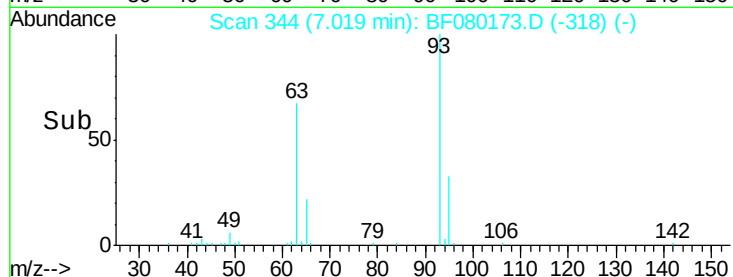
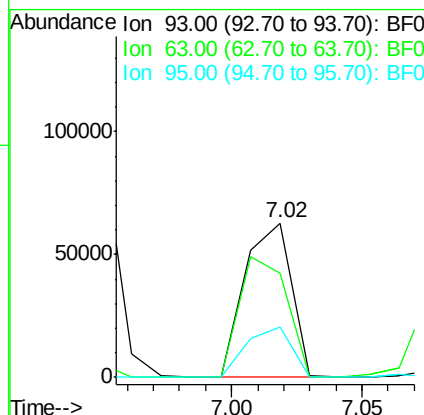
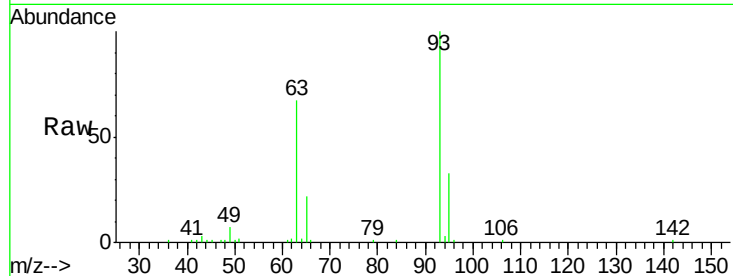
#11
 bis(2-Chloroethyl)ether
 Concen: 40.06 ng
 RT: 7.02 min Scan# 344
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	79195		
63	67.4	65.6	105.6	
95	32.5	13.6	53.6	

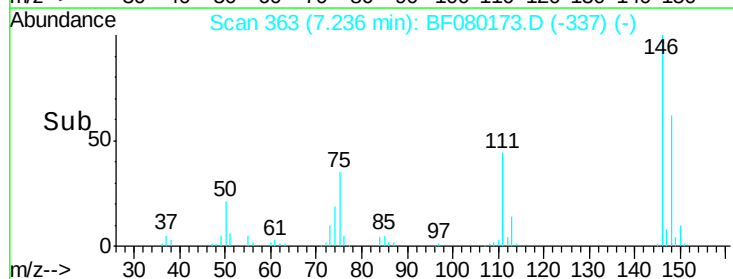
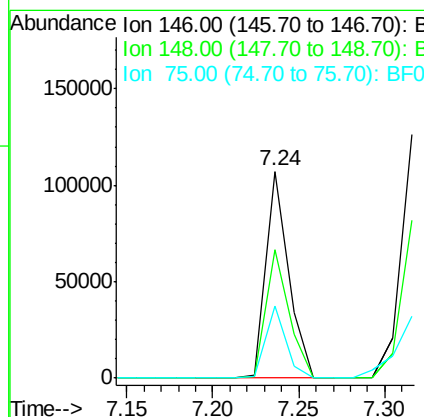
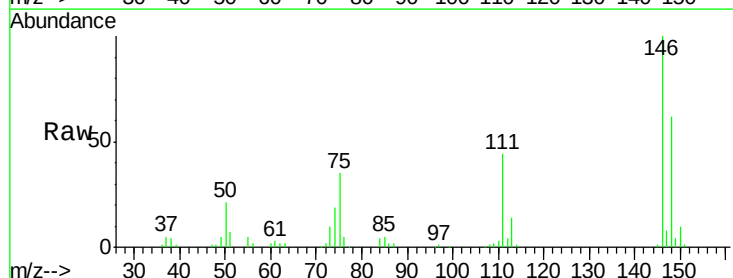
Manual Integrations
 APPROVED

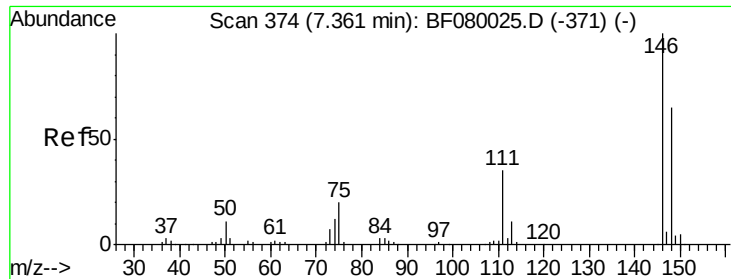
apatel
 6/26/2015 2:05:21 PM



#12
 1,3-Dichlorobenzene
 Concen: 41.13 ng m
 RT: 7.24 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	97989		
148	62.3	51.0	76.4	
75	34.9	15.0	22.6#	





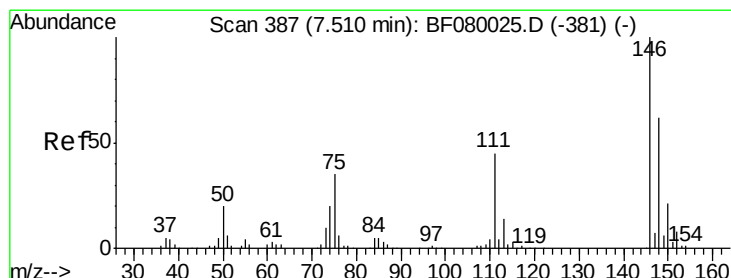
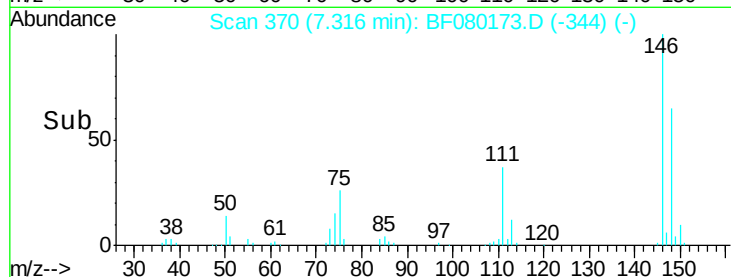
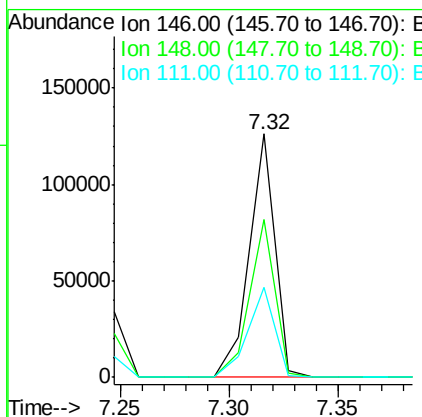
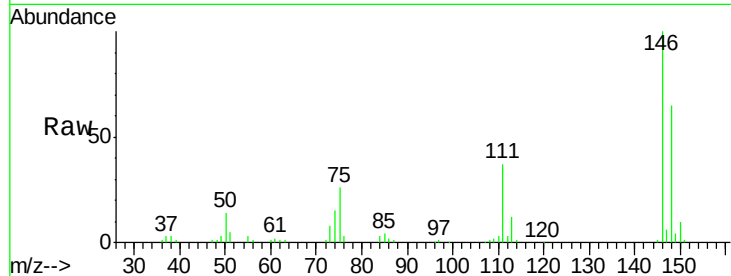
#13
 1,4-Dichlorobenzene
 Concen: 45.72 ng
 RT: 7.32 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	103592		
148	64.8	51.8	77.6	
111	36.7	24.9	37.3	

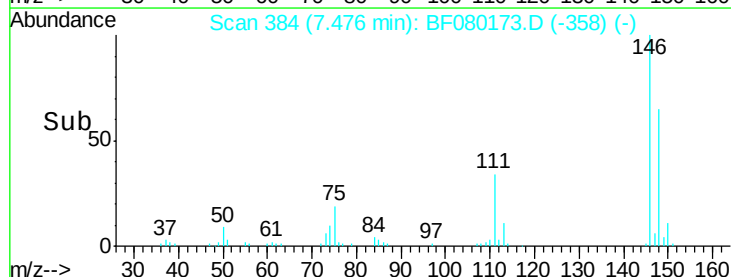
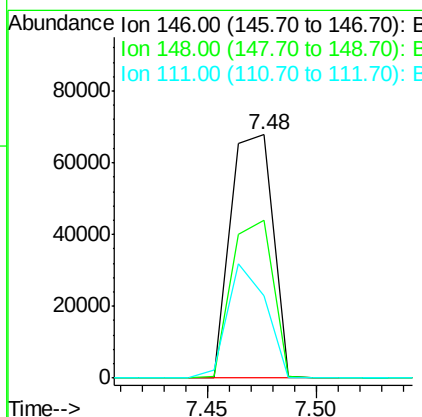
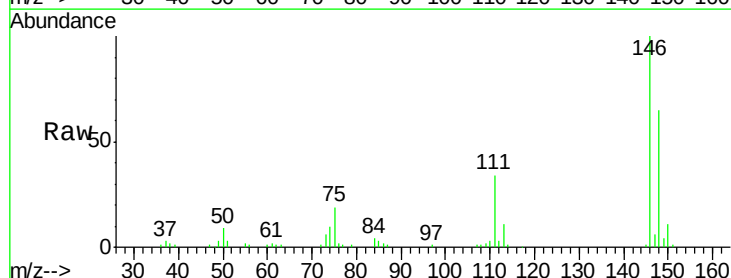
Manual Integrations
 APPROVED

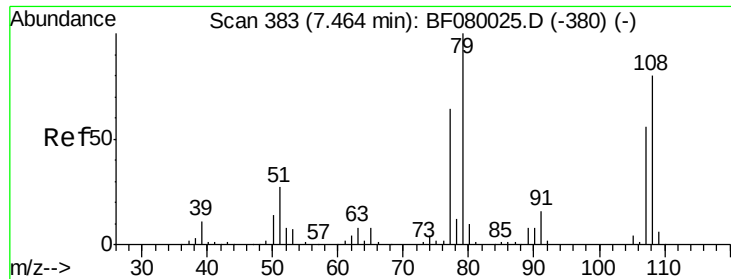
apatel
 6/26/2015 2:05:21 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.57 ng
 RT: 7.48 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	91654		
148	65.1	52.7	79.1	
111	33.6	28.8	43.2	





#15

Benzyl Alcohol

Concen: 42.95 ng

RT: 7.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

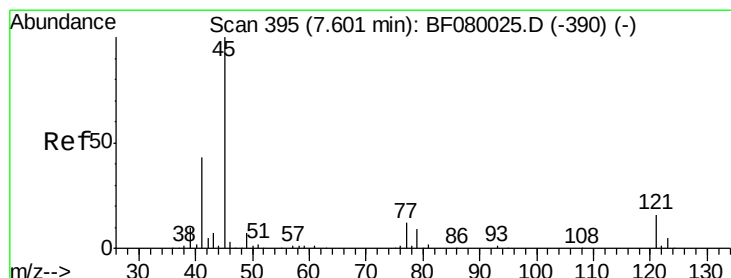
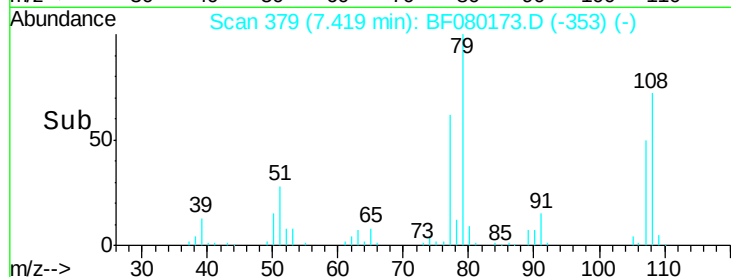
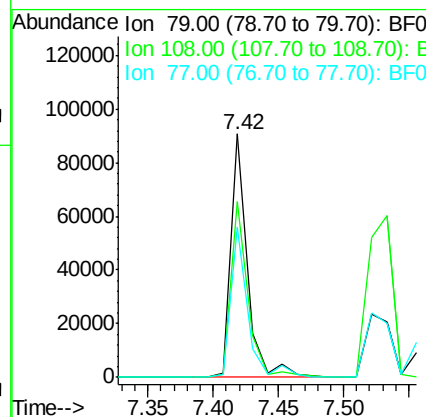
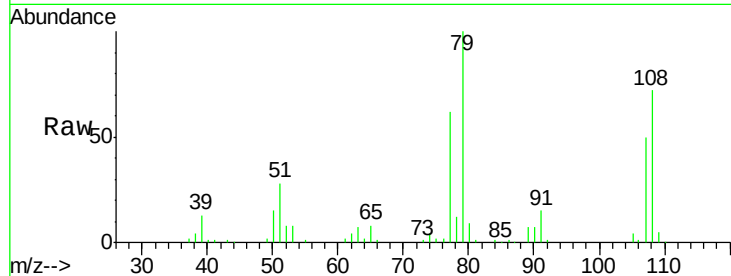
ClientSampleId :

PB84215BS

Tgt Ion:	79	Resp:	80184
Ion Ratio	Lower	Upper	
79	100		
108	72.0	88.6	132.8#
77	61.9	47.0	70.4

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.87 ng

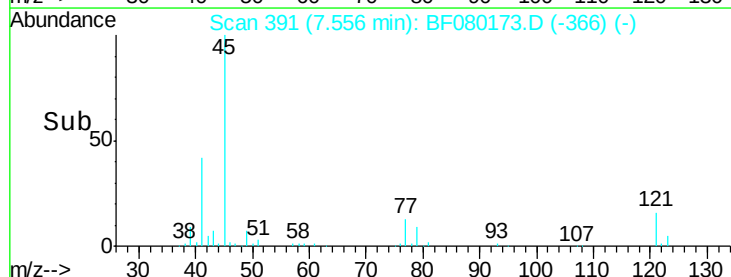
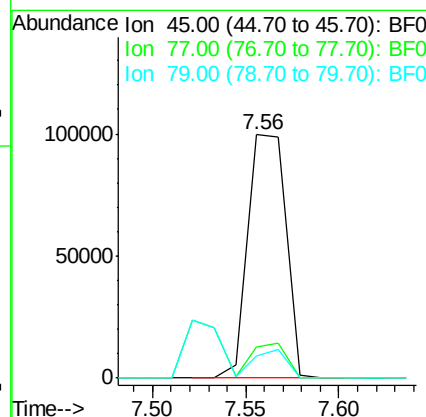
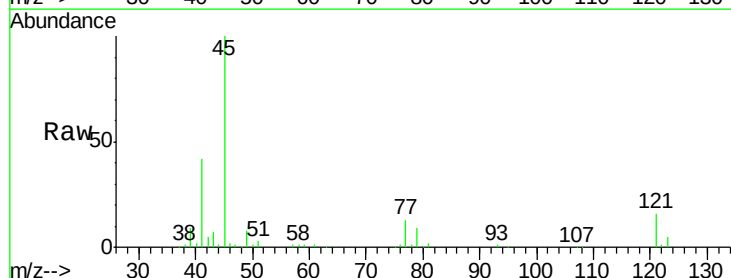
RT: 7.56 min Scan# 391

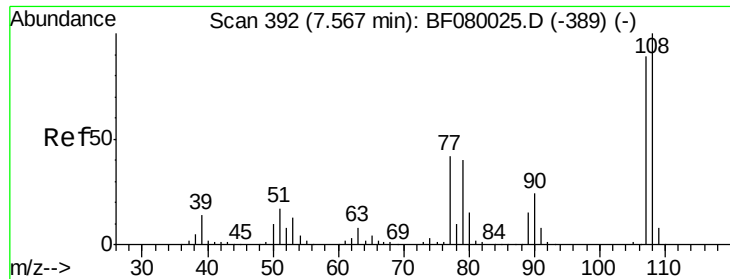
Delta R.T. -0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion:	45	Resp:	140480
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	28.1
79	9.0	0.0	26.0





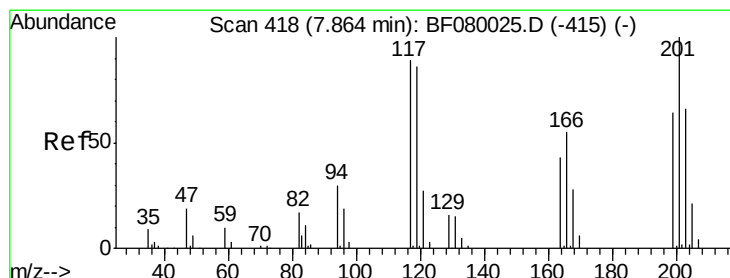
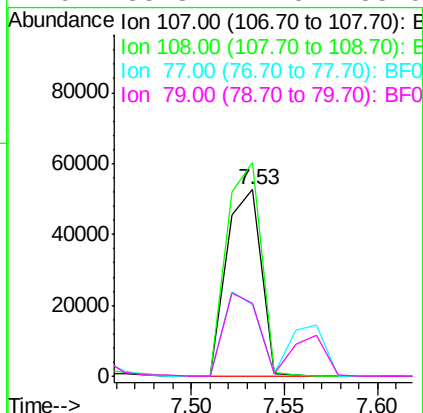
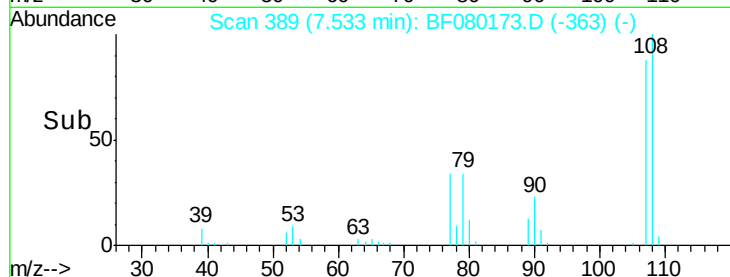
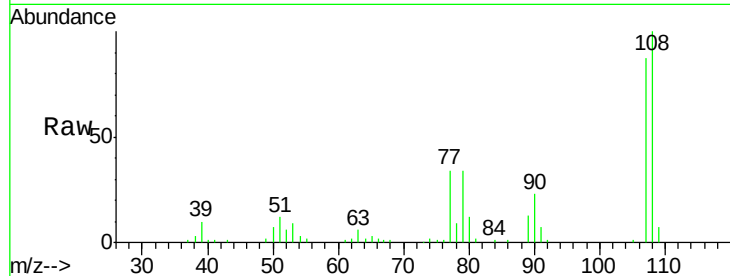
#17
2-Methylphenol
Concen: 40.17 ng
RT: 7.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion:	107	Resp:	68047
Ion Ratio	Lower	Upper	
107	100		
108	114.5	96.6	145.0
77	38.7	23.3	34.9#
79	38.8	22.0	33.0#

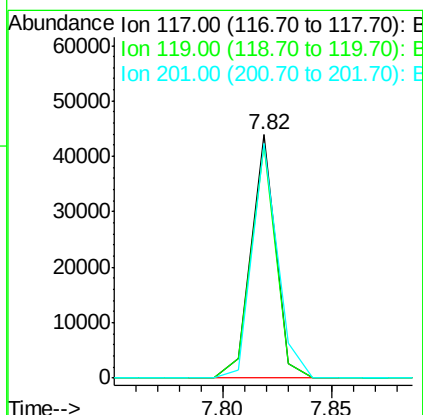
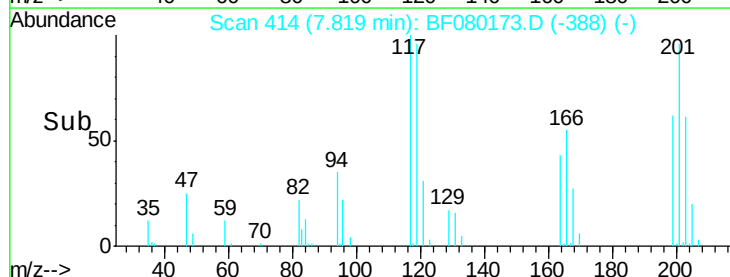
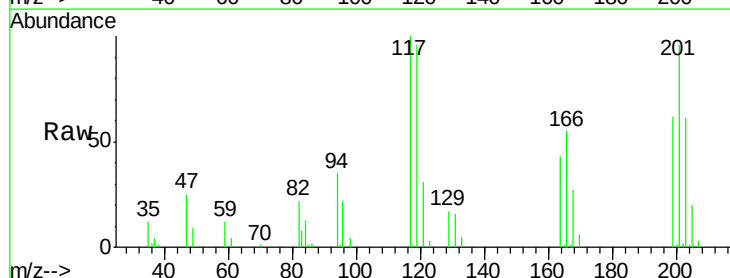
Manual Integrations
APPROVED

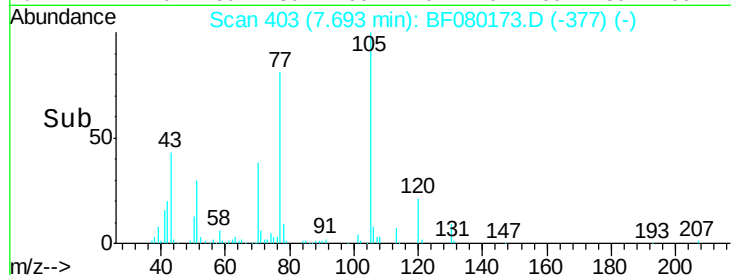
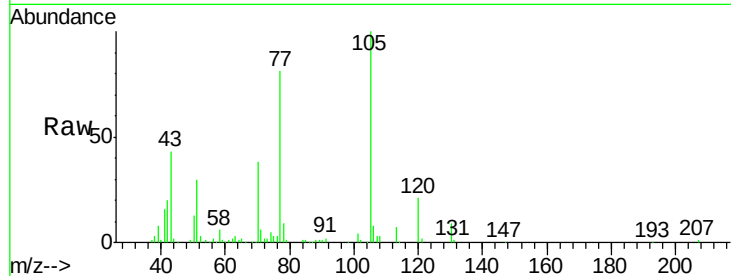
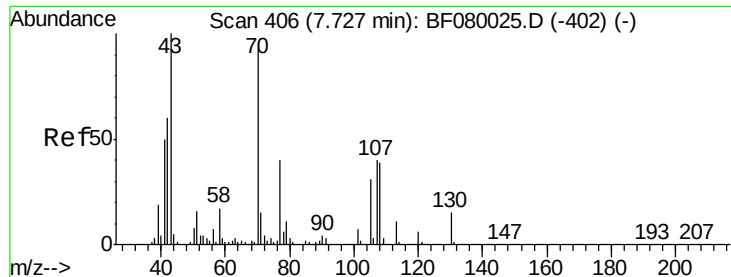
apatel
6/26/2015 2:05:21 PM



#18
Hexachloroethane
Concen: 45.71 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion:	117	Resp:	34489
Ion Ratio	Lower	Upper	
117	100		
119	95.9	83.8	125.6
201	96.5	55.1	82.7#





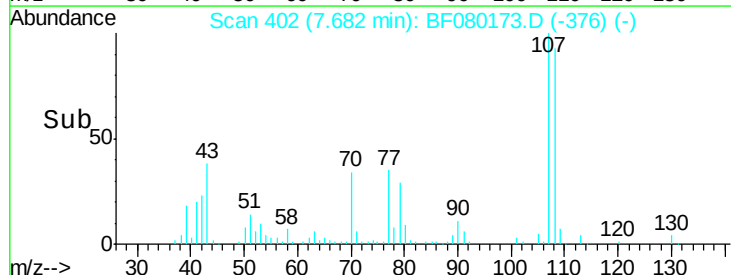
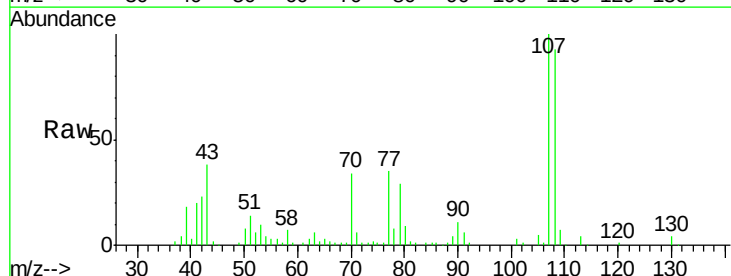
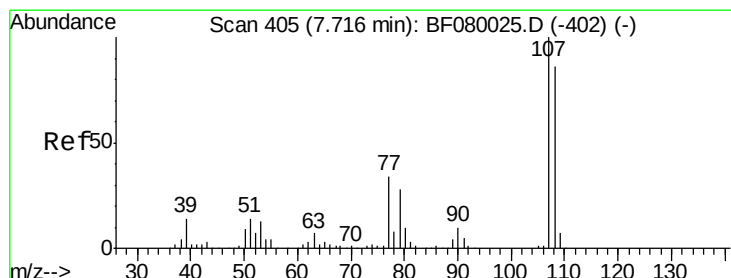
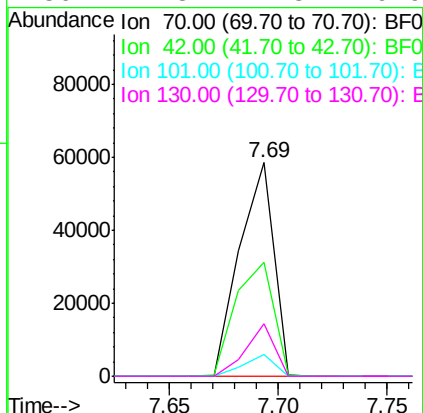
#19
n-Nitroso-di-n-propylamine
Concen: 40.39 ng
RT: 7.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Manual Integrations
APPROVED

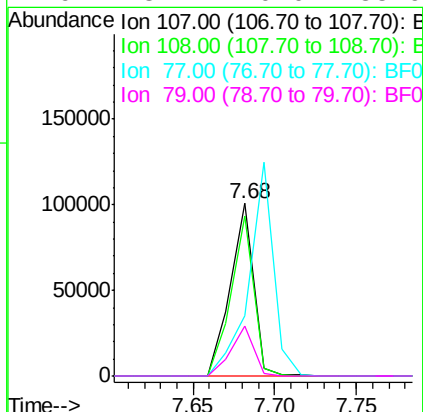
apatel
6/26/2015 2:05:21 PM

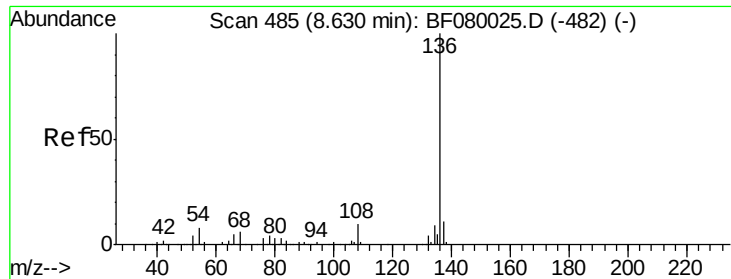
Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.6	63.8	95.6#	
101	10.4	9.2	13.8	
130	24.8	27.3	40.9#	



#20
3+4-Methylphenols
Concen: 45.27 ng
RT: 7.68 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.9	74.6	114.6	
77	34.6	0.7	40.7	
79	28.7	0.0	38.9	





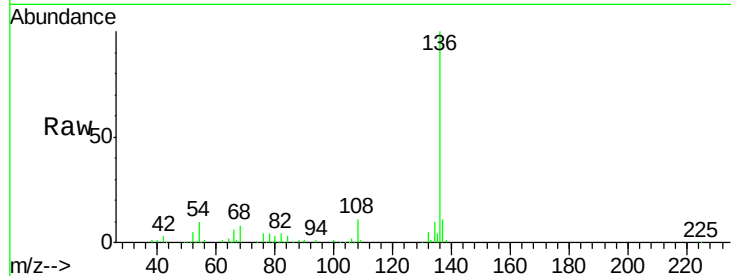
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

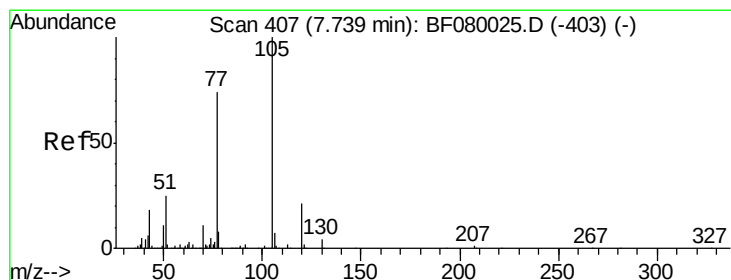
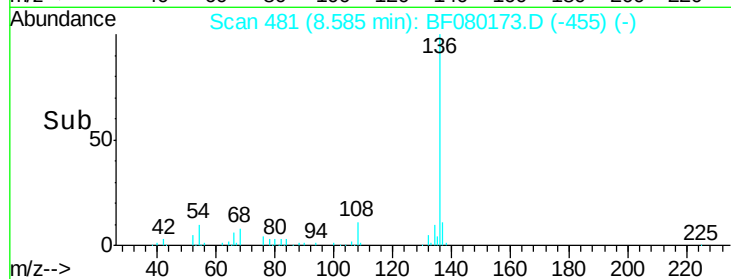
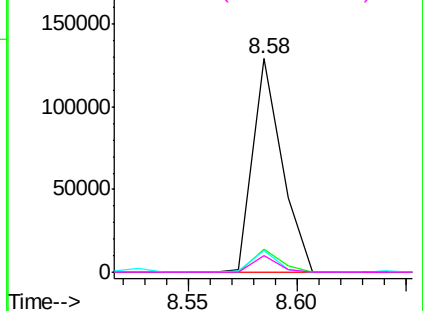
Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.0	13.6
54	10.3	8.2	12.2
68	7.5	5.8	8.6

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



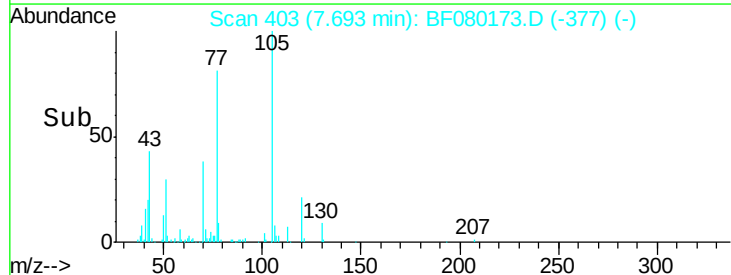
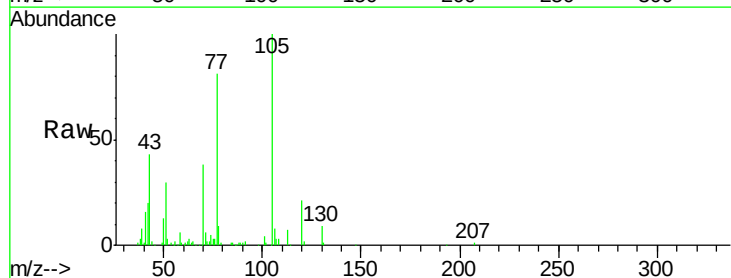
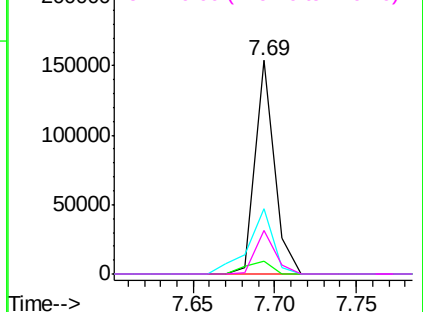
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

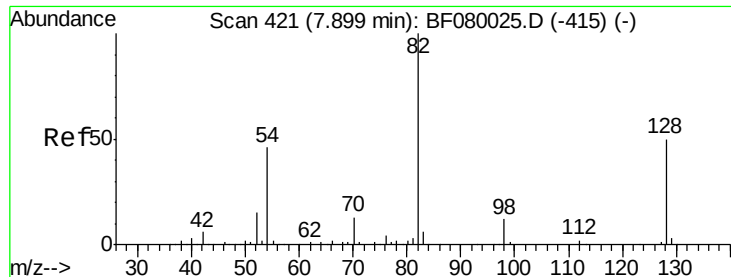


#22
Acetophenone
Concen: 45.45 ng
RT: 7.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.2	4.7	7.1
51	30.4	22.0	33.0
120	20.5	30.1	45.1#

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





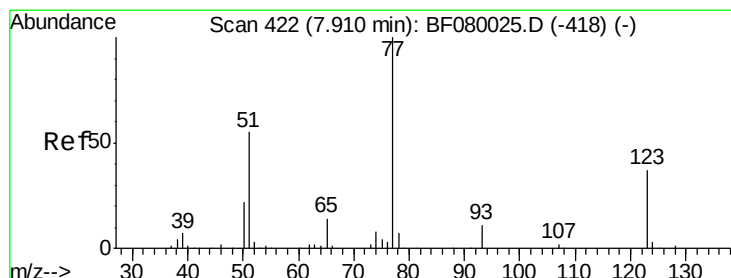
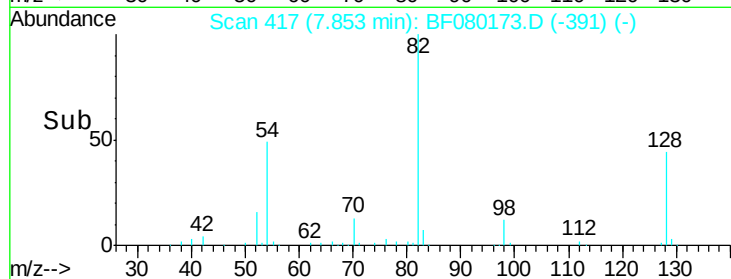
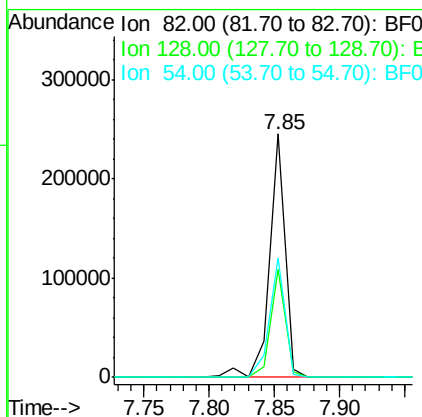
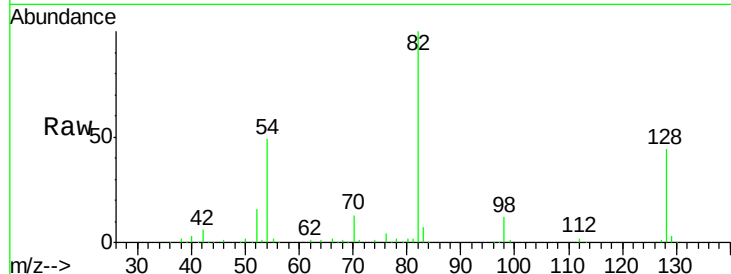
#23
 Nitrobenzene-d5
 Concen: 99.81 ng
 RT: 7.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	206488		
128	44.3	51.0	76.6#	
54	49.0	47.5	71.3	

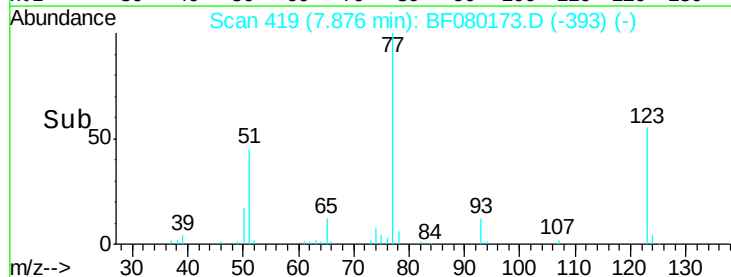
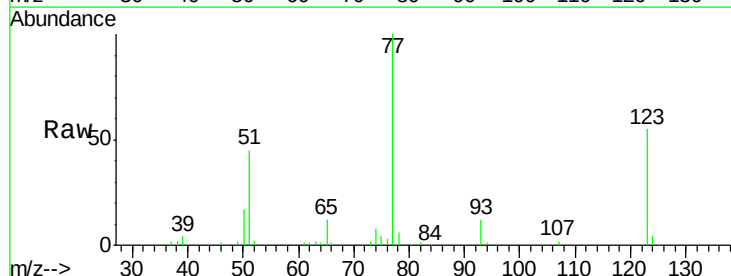
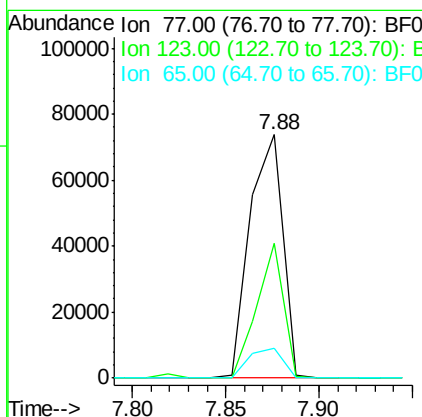
Manual Integrations
 APPROVED

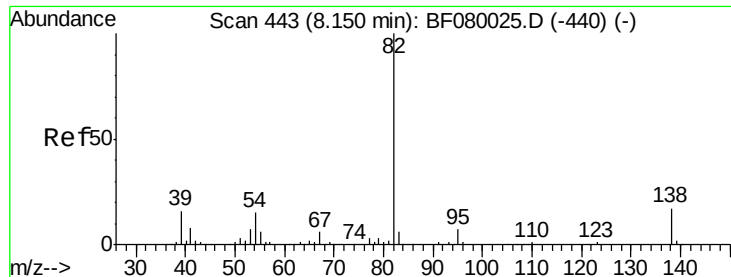
apatel
 6/26/2015 2:05:21 PM



#24
 Nitrobenzene
 Concen: 42.12 ng
 RT: 7.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	89934		
123	55.4	59.8	89.8#	
65	12.1	10.2	15.4	





#25

Isophorone

Concen: 40.55 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

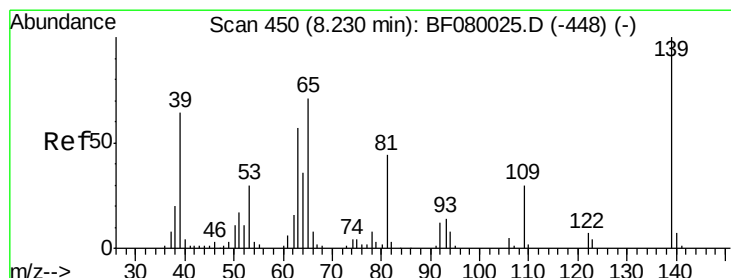
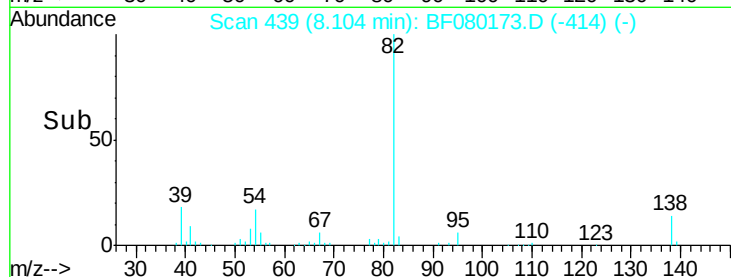
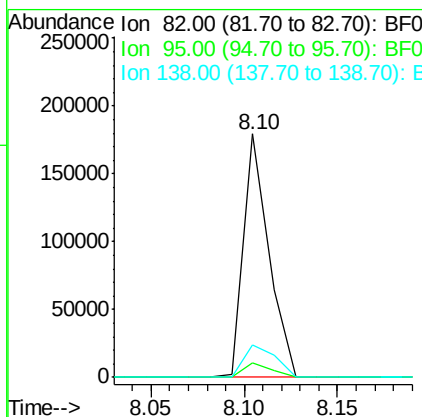
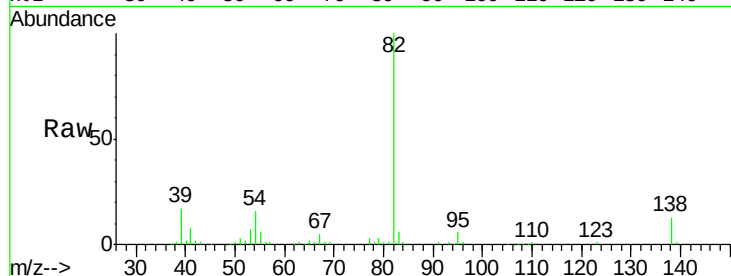
ClientSampleId :

PB84215BS

Tgt Ion:	82	Resp:	168815
Ion Ratio		Lower	Upper
82	100		
95	6.0	4.0	6.0#
138	13.4	18.3	27.5#

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#26

2-Nitrophenol

Concen: 50.76 ng

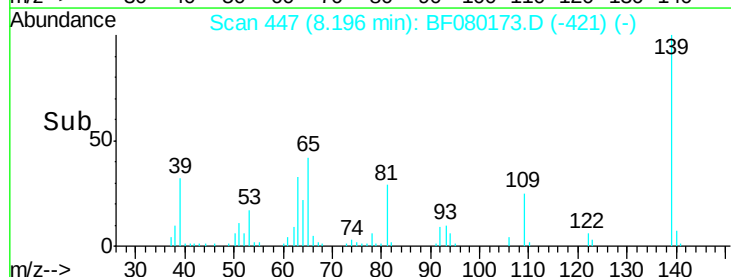
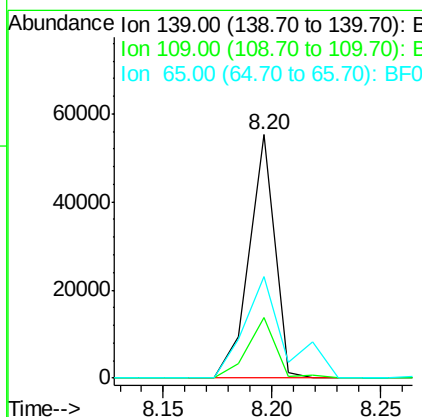
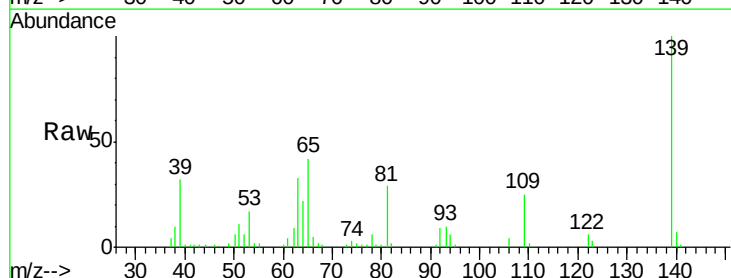
RT: 8.20 min Scan# 447

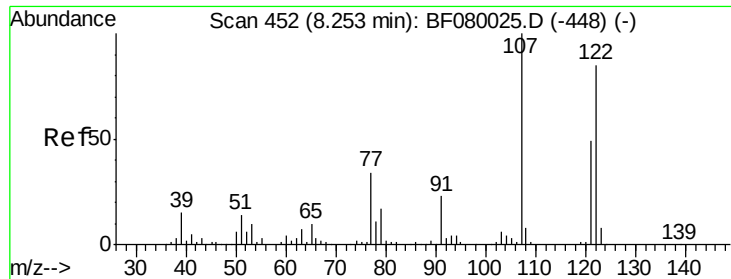
Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion:	139	Resp:	45364
Ion Ratio		Lower	Upper
139	100		
109	24.8	11.0	16.4#
65	41.6	24.7	37.1#





#27

2,4-Dimethylphenol

Concen: 46.43 ng

RT: 8.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

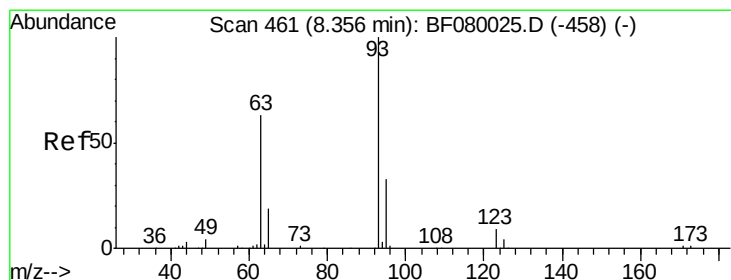
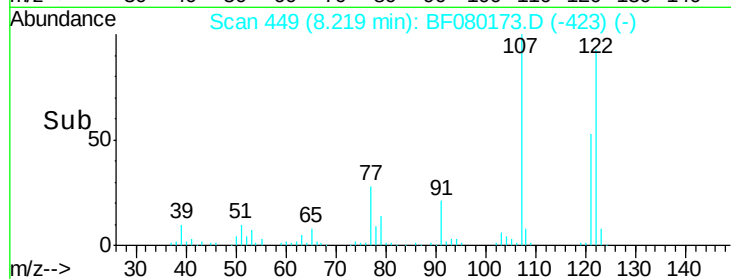
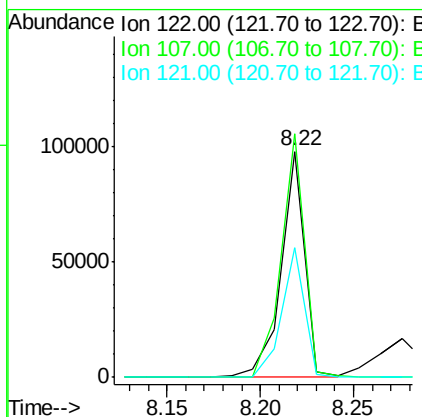
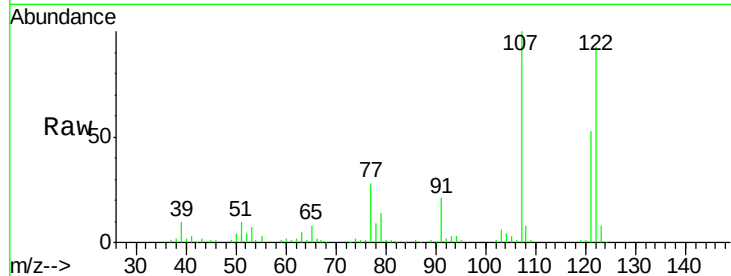
ClientSampleId :

PB84215BS

Tgt Ion:	122	Resp:	86538
Ion Ratio	Lower	Upper	
122	100		
107	107.6	71.8	107.6
121	57.3	42.3	63.5

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#28

bis(2-Chloroethoxy)methane

Concen: 43.66 ng

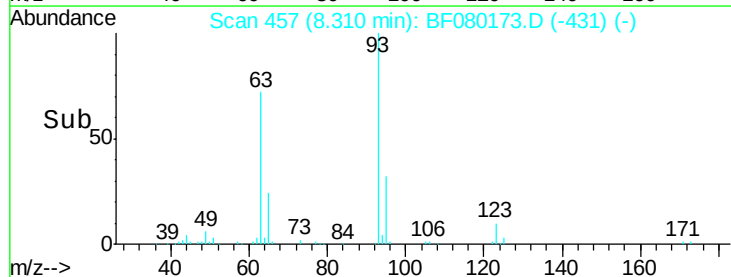
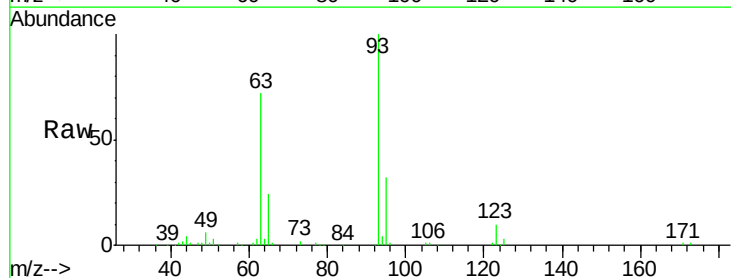
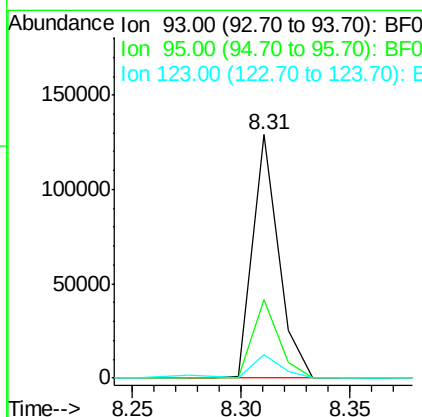
RT: 8.31 min Scan# 457

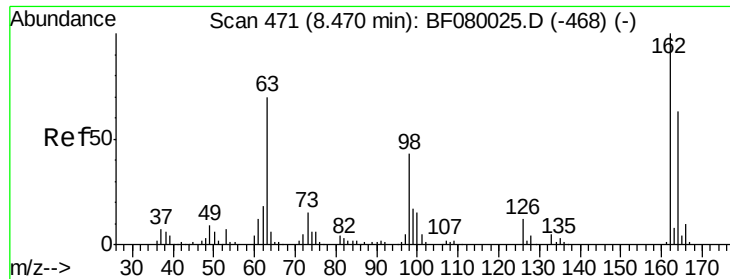
Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion:	93	Resp:	106805
Ion Ratio	Lower	Upper	
93	100		
95	32.3	27.5	41.3
123	9.7	13.7	20.5#





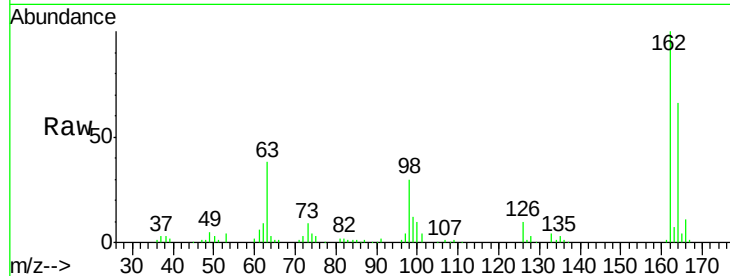
#29
2,4-Dichlorophenol
Concen: 49.25 ng
RT: 8.44 min Scan# 468
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

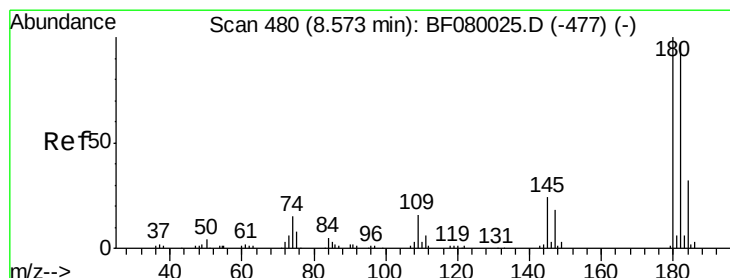
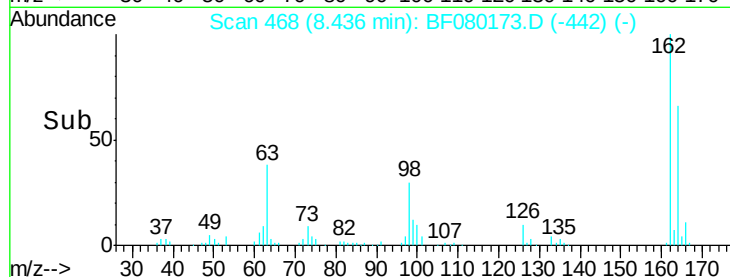
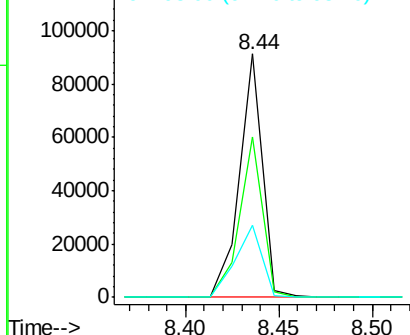
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	78603		
164	65.7	44.9	84.9	
98	29.8	13.0	53.0	

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM

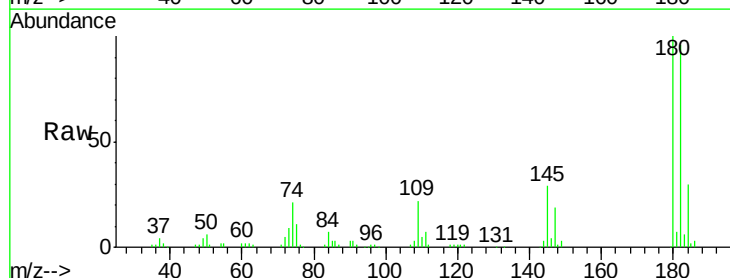


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

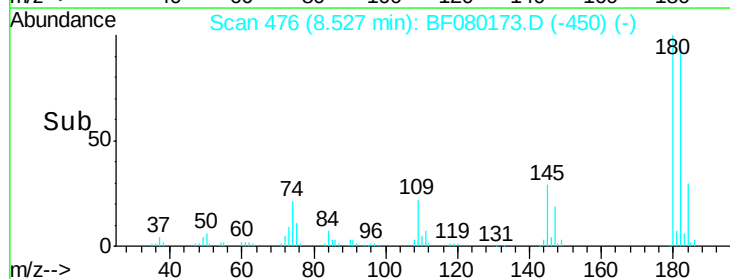
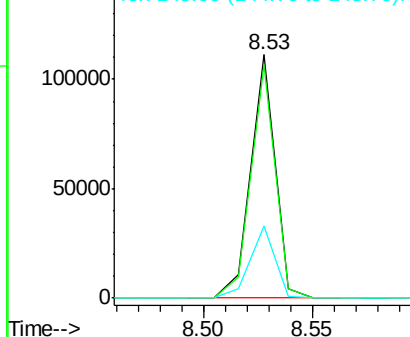


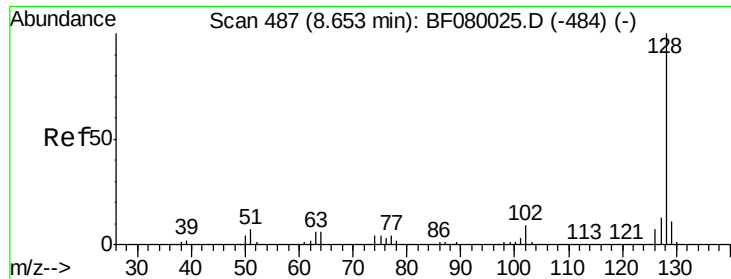
#30
1,2,4-Trichlorobenzene
Concen: 47.90 ng
RT: 8.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	86829		
182	95.9	77.1	115.7	
145	29.5	23.3	34.9	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





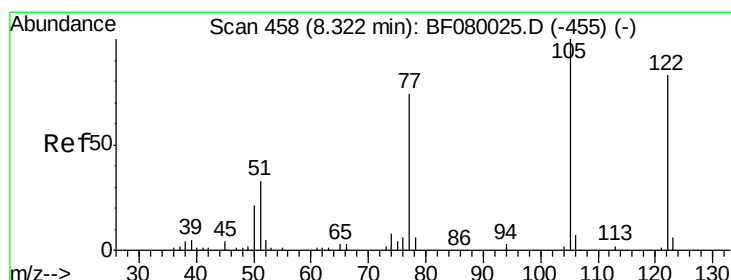
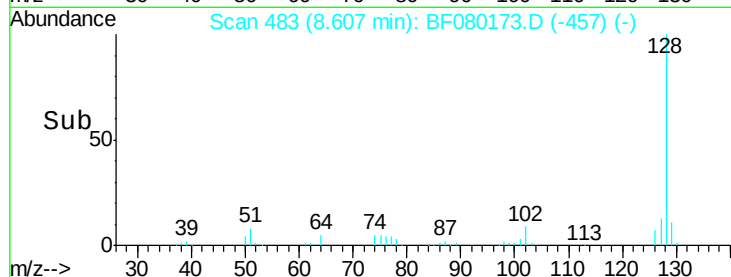
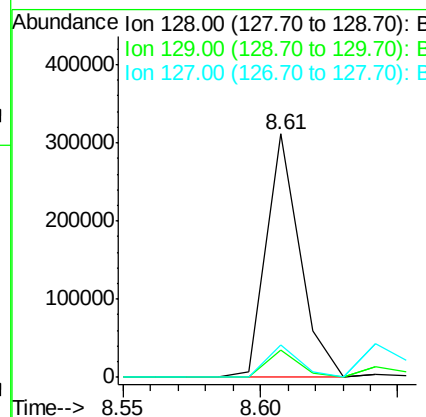
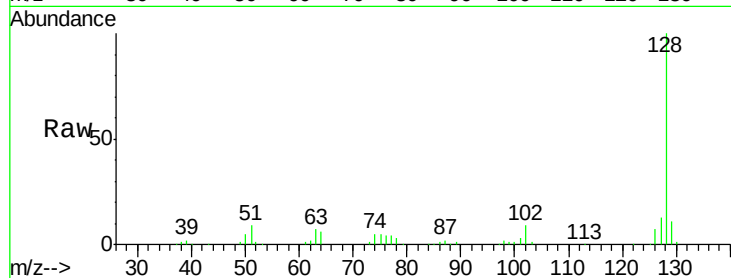
#31
Naphthalene
Concen: 41.29 ng m
RT: 8.61 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	260009		
129	11.4	8.4	12.6	
127	13.4	9.9	14.9	

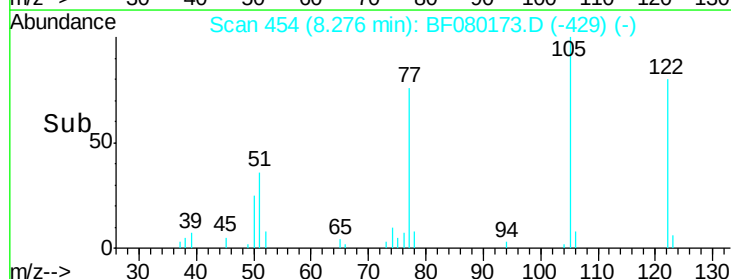
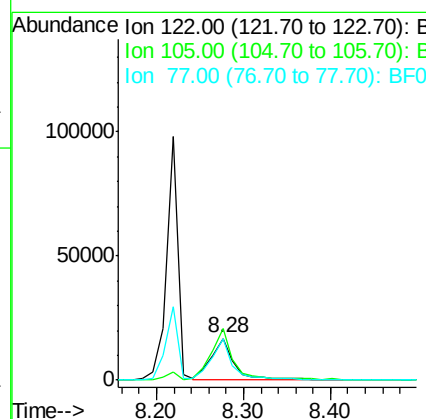
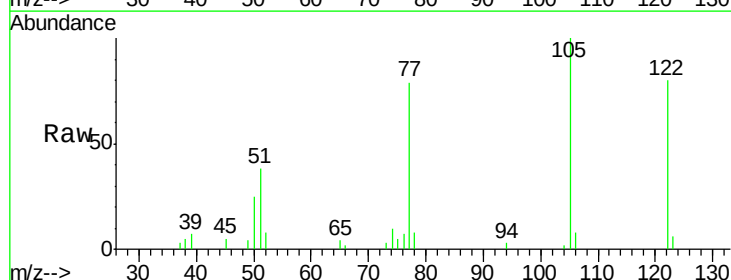
Manual Integrations
APPROVED

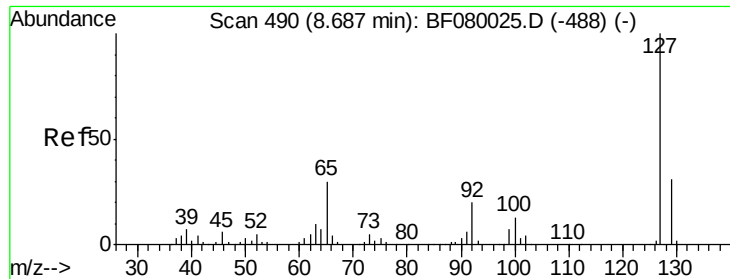
apatel
6/26/2015 2:05:21 PM



#32
Benzoic acid
Concen: 28.27 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	31855		
105	125.3	76.1	116.1#	
77	98.4	40.5	80.5#	





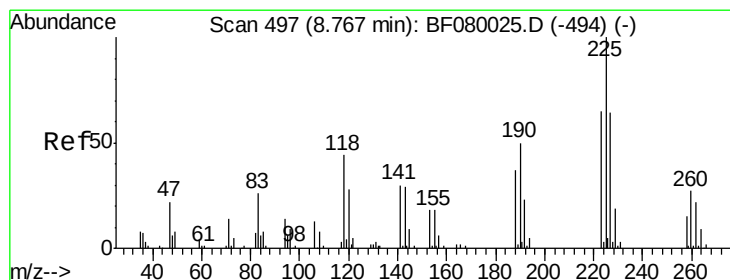
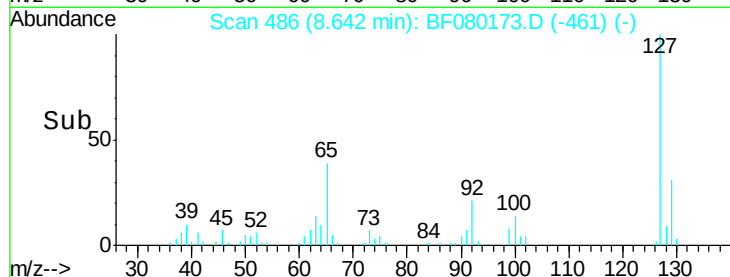
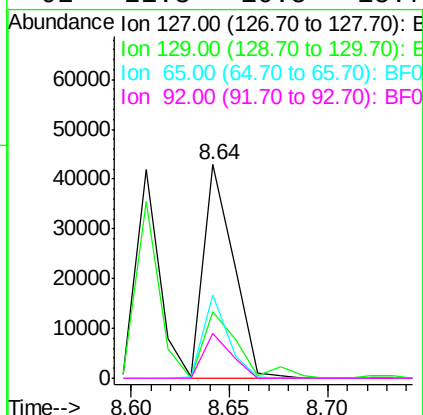
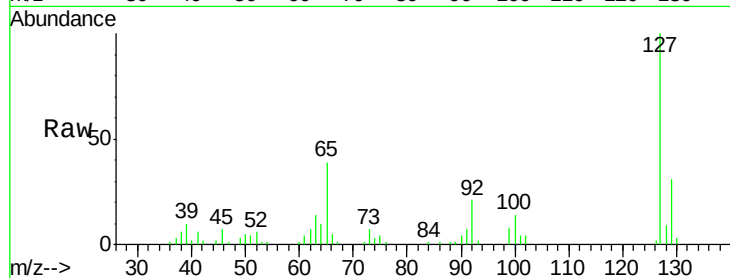
#33
4-Chloroaniline
Concen: 16.82 ng m
RT: 8.64 min Scan# 486
Delta R.T. -0.01 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion:	127	Resp:	45337
Ion Ratio	Lower	Upper	
127	100		
129	31.1	25.8	38.6
65	38.8	17.9	26.9#
92	21.3	10.5	15.7#

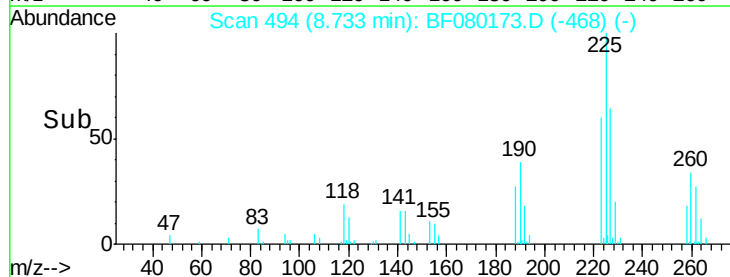
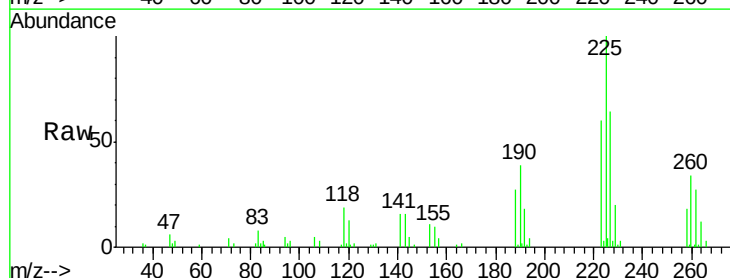
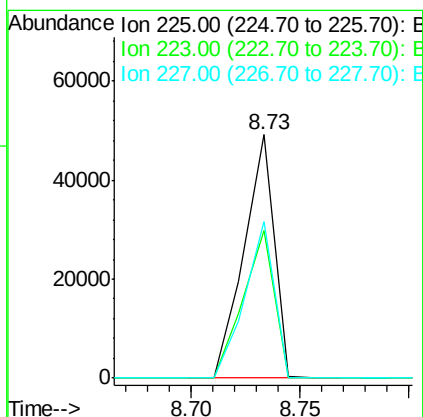
Manual Integrations
APPROVED

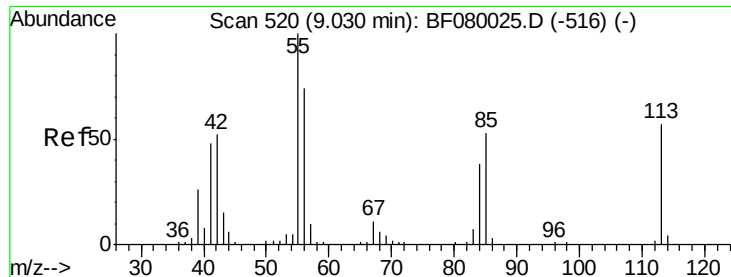
apatel
6/26/2015 2:05:21 PM



#34
Hexachlorobutadiene
Concen: 42.36 ng
RT: 8.73 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion:	225	Resp:	47279
Ion Ratio	Lower	Upper	
225	100		
223	60.5	50.2	75.2
227	64.5	52.2	78.2





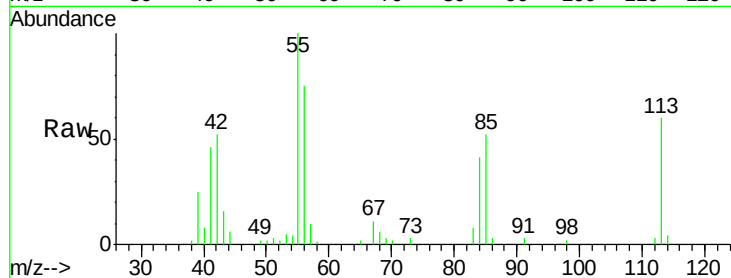
#35
 Caprolactam
 Concen: 45.19 ng
 RT: 8.98 min Scan# 516
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

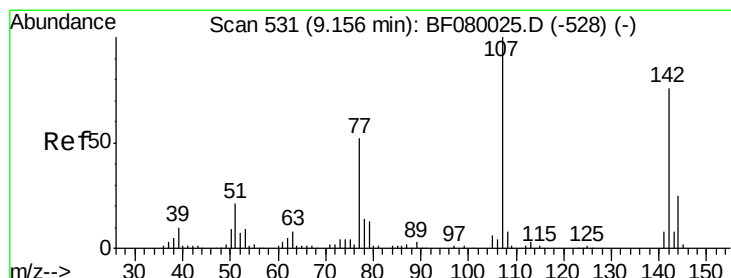
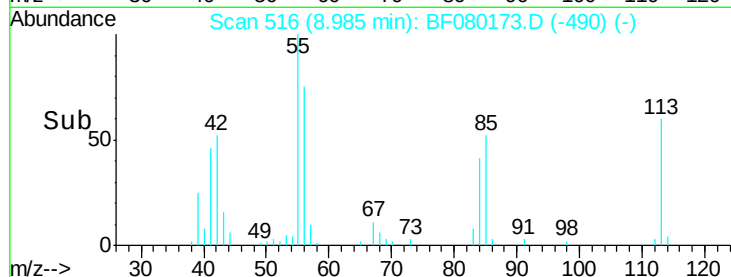
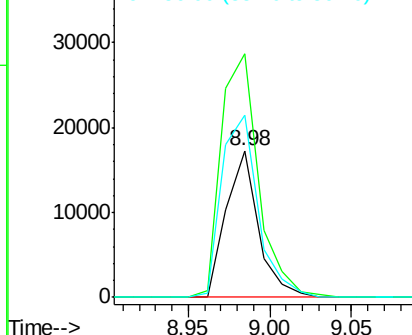
Tgt Ion	Ratio	Lower	Upper
113	100		
55	165.9	152.4	192.4
56	124.1	104.6	144.6

Manual Integrations
 APPROVED

apatel
 6/26/2015 2:05:21 PM

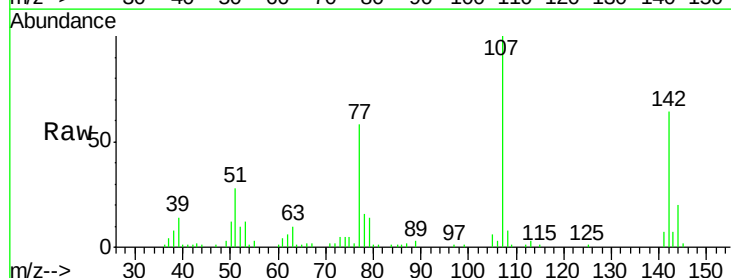


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

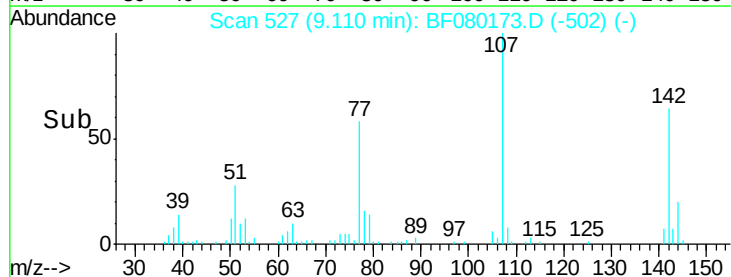
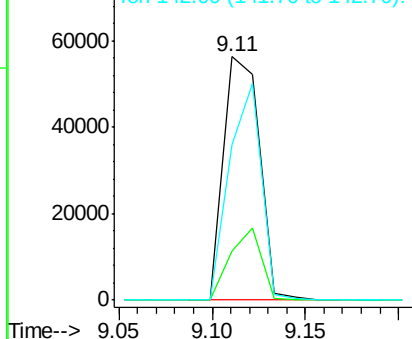


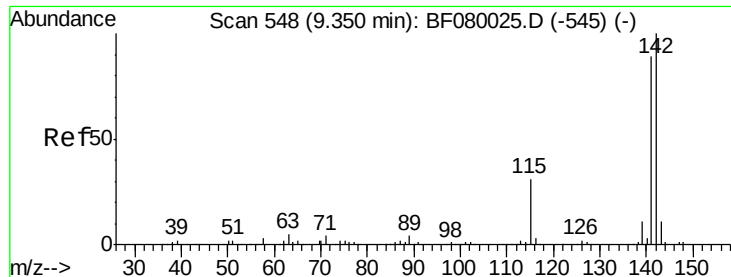
#36
 4-Chloro-3-methylphenol
 Concen: 42.12 ng
 RT: 9.11 min Scan# 527
 Delta R.T. -0.01 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.4	25.4	38.0#
142	63.8	77.3	115.9#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





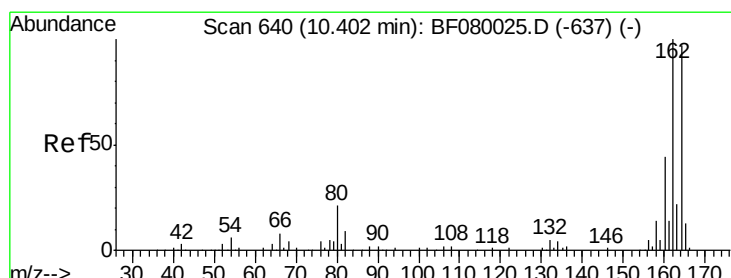
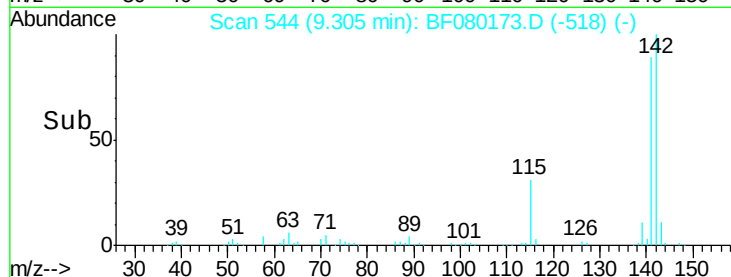
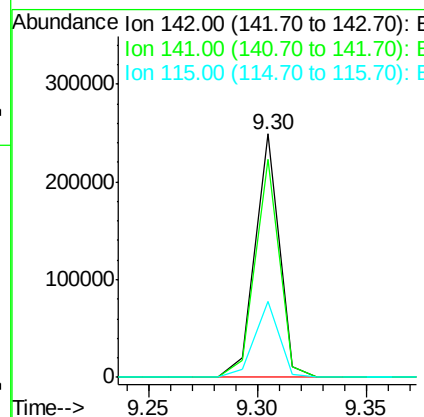
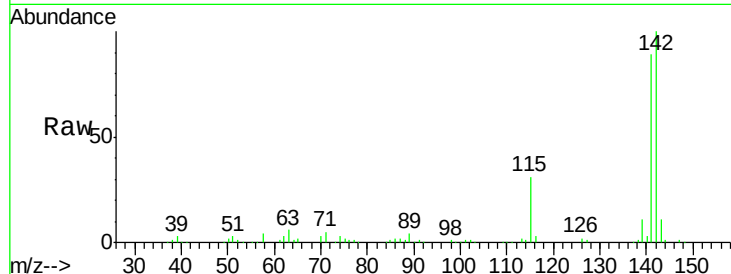
#37
 2-Methylnaphthalene
 Concen: 47.27 ng
 RT: 9.30 min Scan# 544
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	192540		
141	89.3	67.5	101.3	
115	31.4	18.2	27.2	

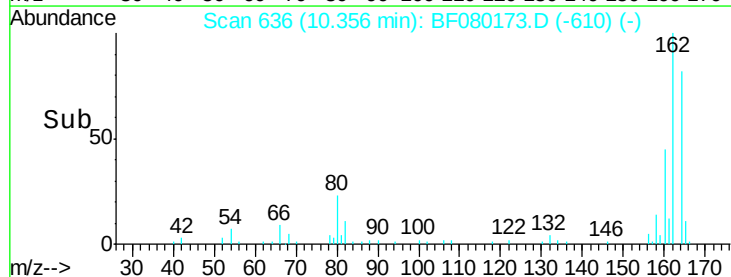
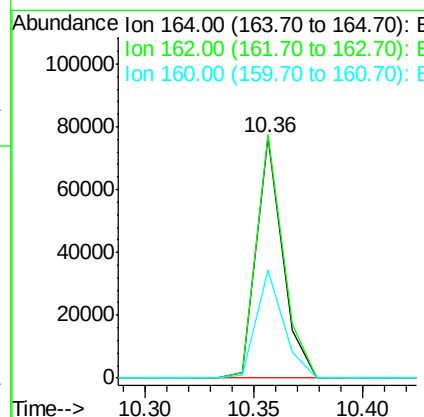
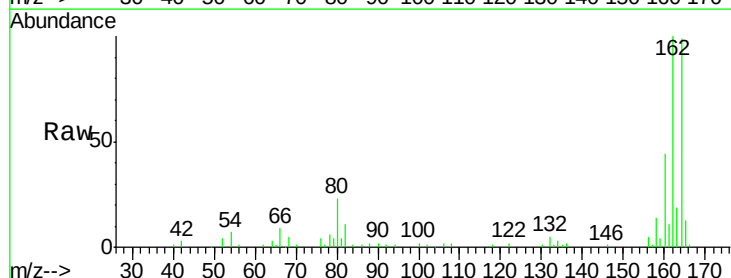
Manual Integrations
 APPROVED

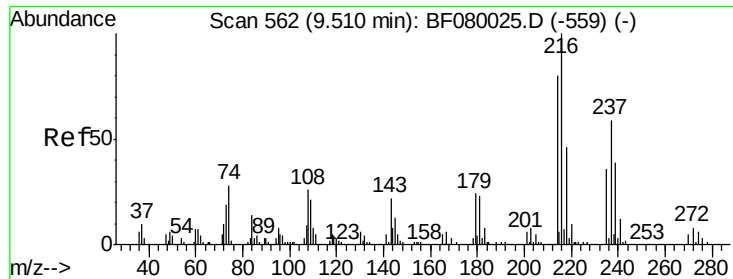
apatel
 6/26/2015 2:05:21 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	64134		
162	101.2	75.2	112.8	
160	44.8	31.5	47.3	





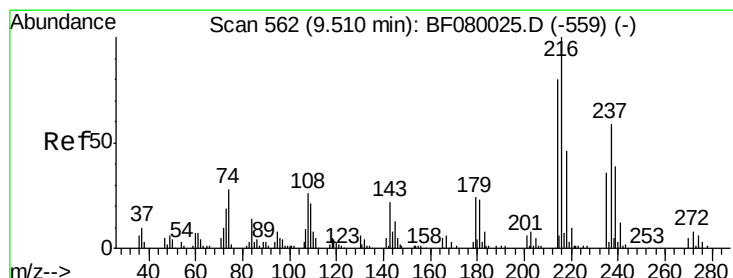
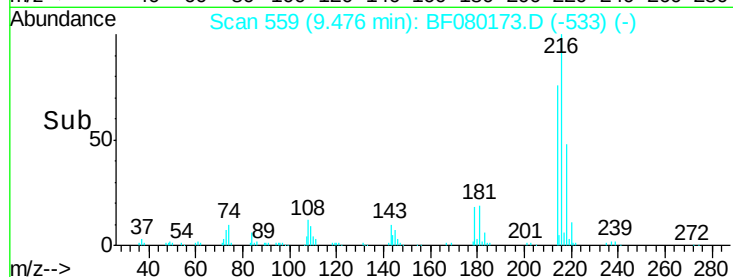
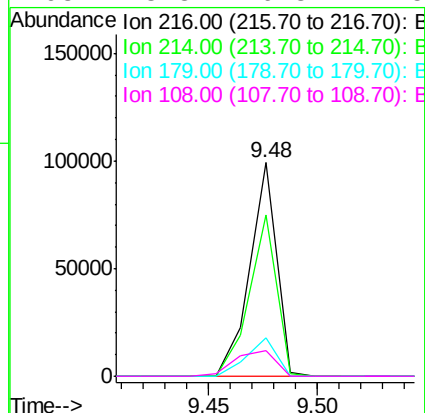
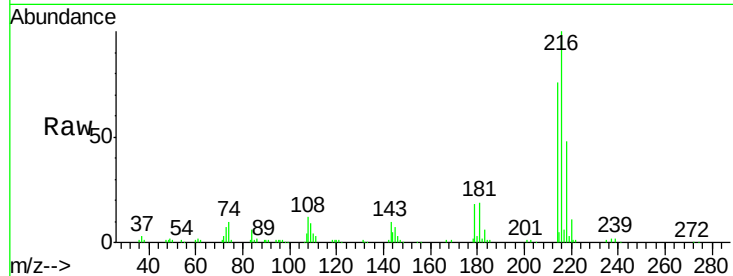
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.48 ng
 RT: 9.48 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion:	216	Resp:	84873
Ion Ratio	Lower	Upper	
216	100		
214	76.9	63.5	95.3
179	19.7	16.6	24.8
108	18.3	16.3	24.5

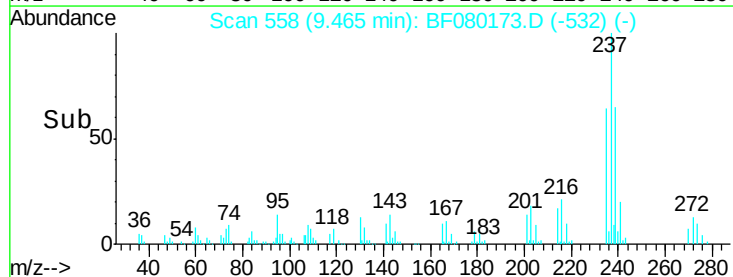
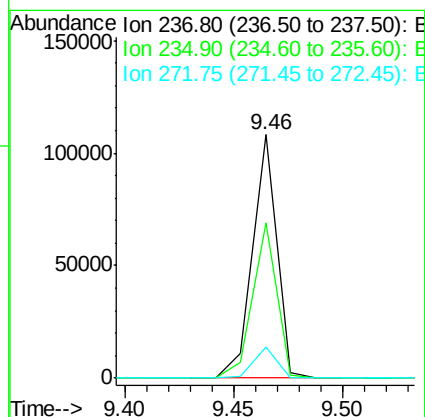
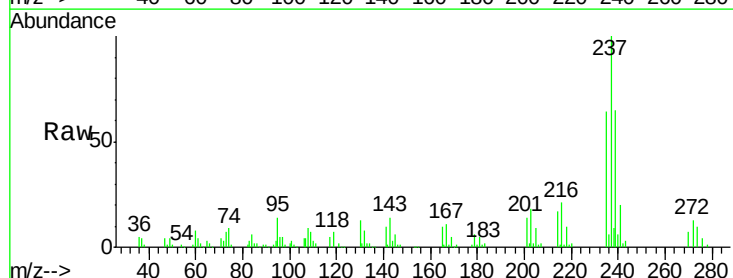
Manual Integrations
 APPROVED

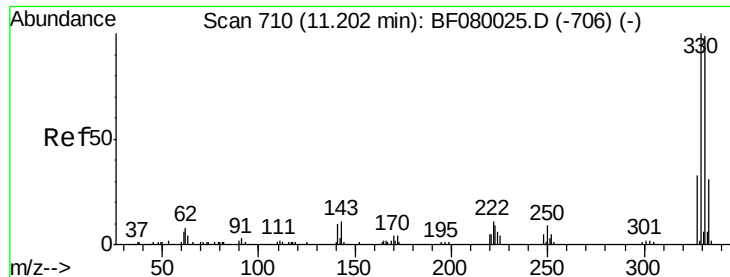
apatel
 6/26/2015 2:05:21 PM



#40
 Hexachlorocyclopentadiene
 Concen: 86.33 ng
 RT: 9.46 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion:	237	Resp:	83428
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.0	82.0
272	12.9	0.0	36.1





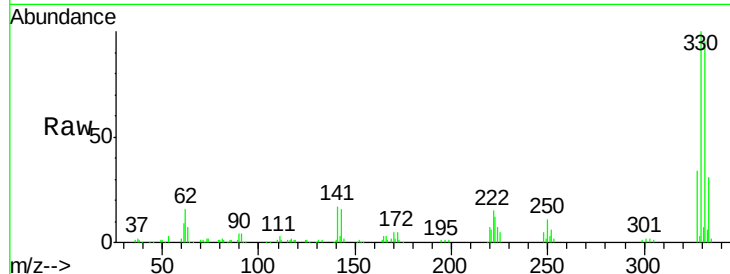
#41
 2,4,6-Tribromophenol
 Concen: 140.32 ng
 RT: 11.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

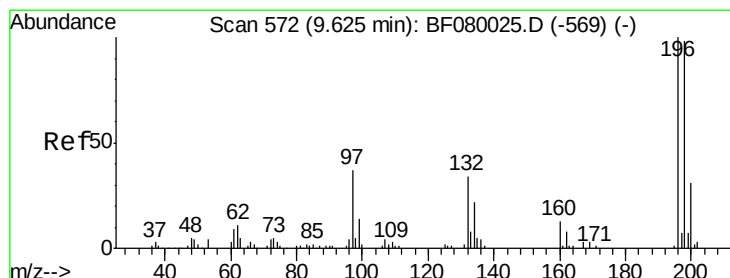
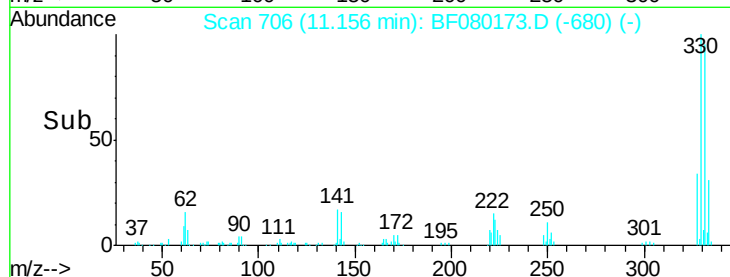
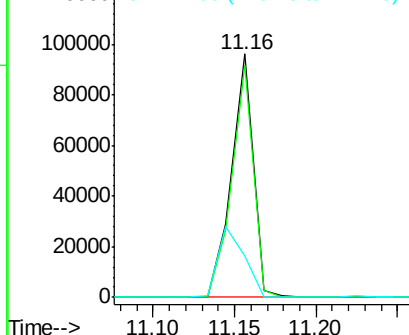
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	88000		
332	94.3	76.6	114.8	
141	35.2	29.7	44.5	

Manual Integrations
 APPROVED

apatel
 6/26/2015 2:05:21 PM



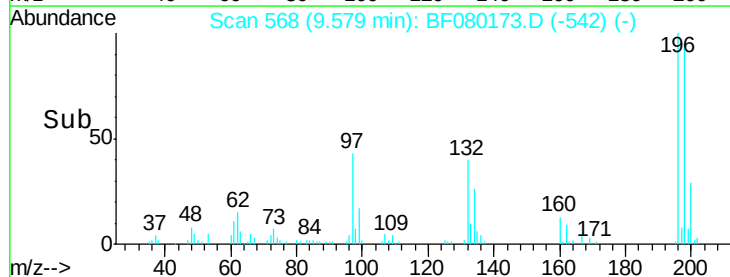
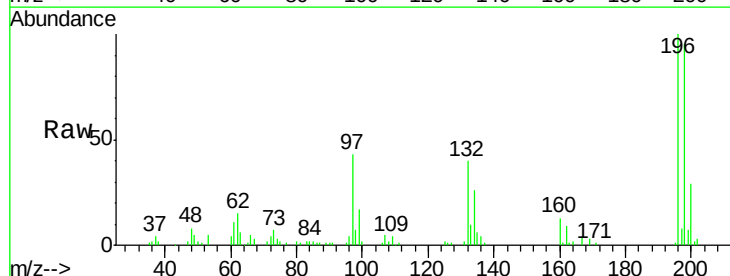
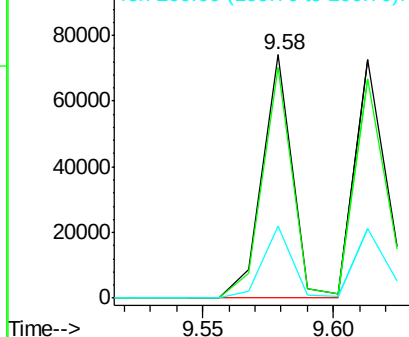
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

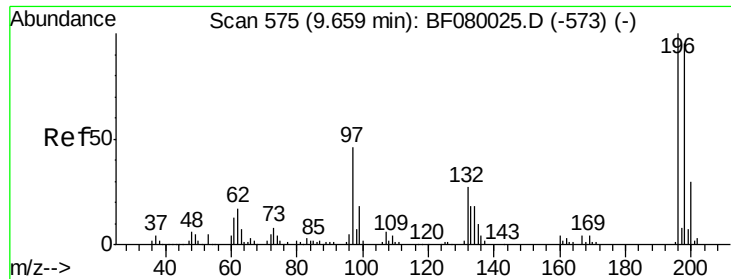


#42
 2,4,6-Trichlorophenol
 Concen: 46.94 ng
 RT: 9.58 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	59605		
198	94.9	75.7	113.5	
200	29.4	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





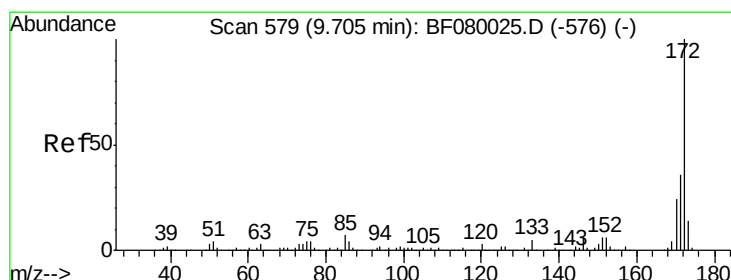
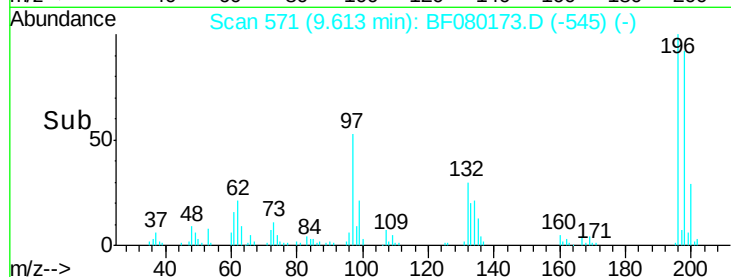
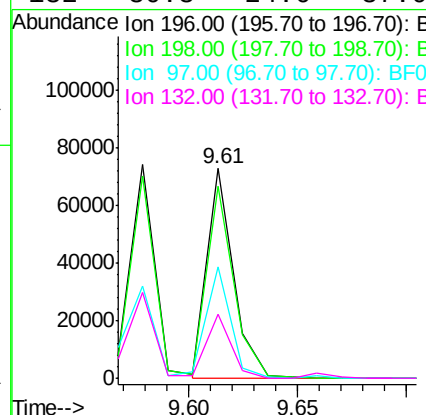
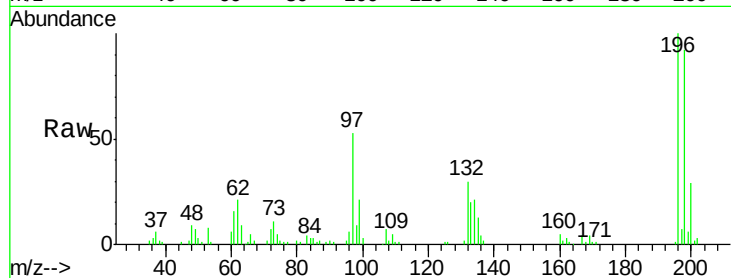
#43
 2,4,5-Trichlorophenol
 Concen: 42.11 ng
 RT: 9.61 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	61607		
198	91.8	75.4	113.0	
97	53.3	33.3	49.9	
132	30.3	24.6	37.0	

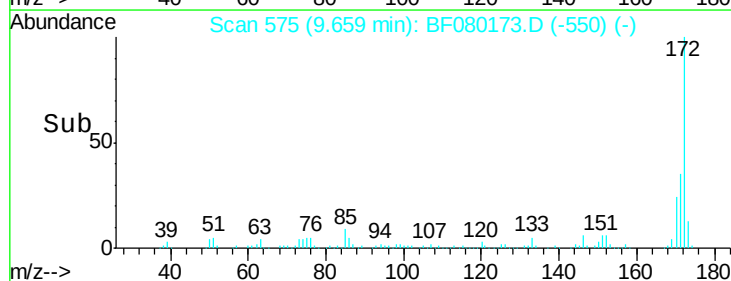
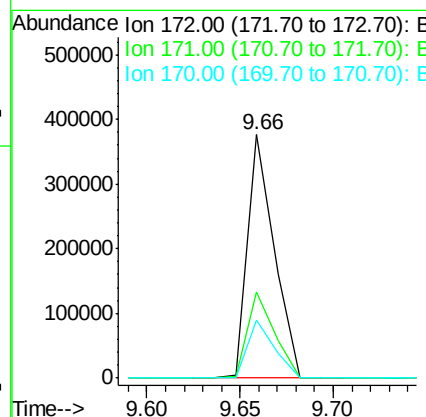
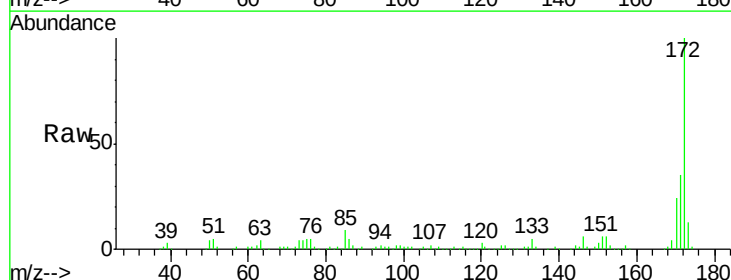
Manual Integrations
 APPROVED

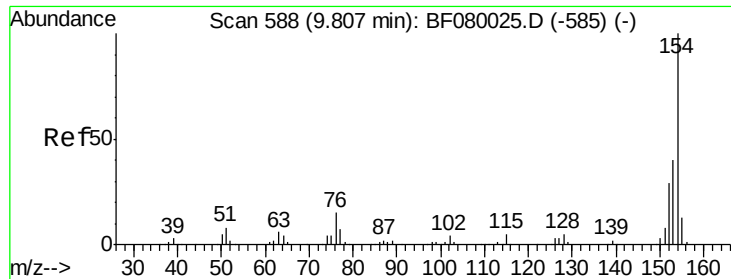
apatel
 6/26/2015 2:05:21 PM



#44
 2-Fluorobiphenyl
 Concen: 82.79 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	372335		
171	35.3	26.1	39.1	
170	23.9	17.4	26.2	





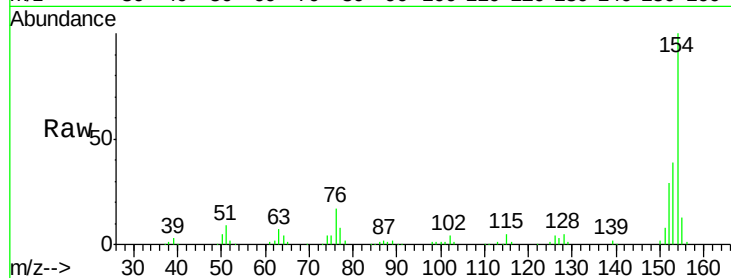
#45
 1,1'-Biphenyl
 Concen: 40.35 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleID :
 PB84215BS

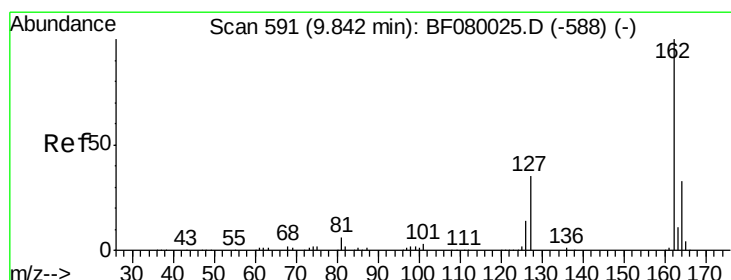
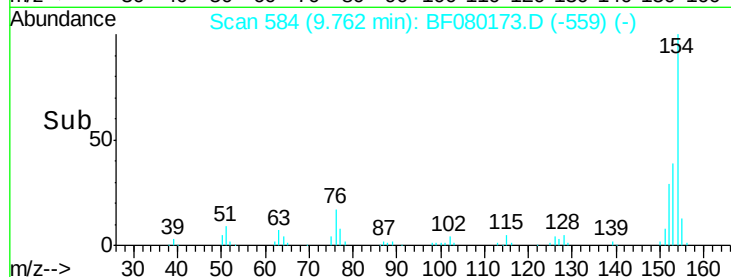
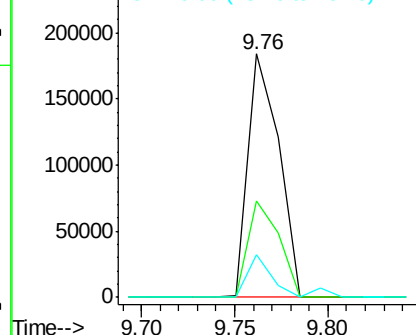
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	210557		
153	39.4	17.1	57.1	
76	17.3	0.0	31.6	

Manual Integrations
 APPROVED

apatel
 6/26/2015 2:05:21 PM

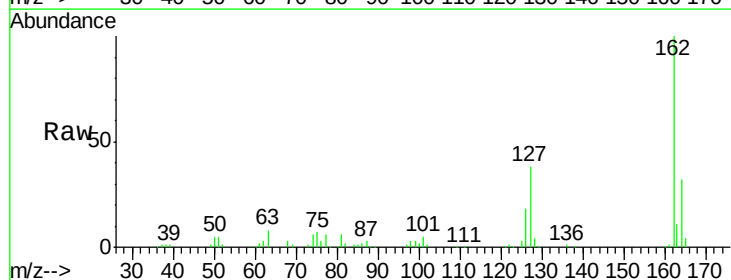


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

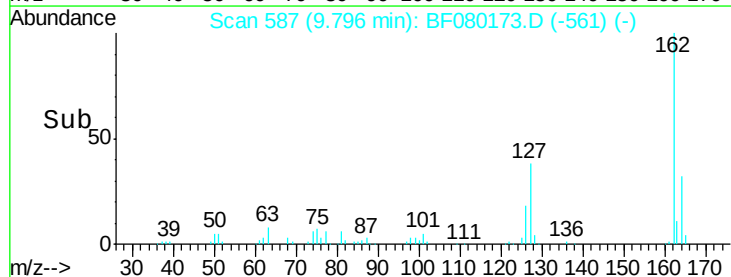
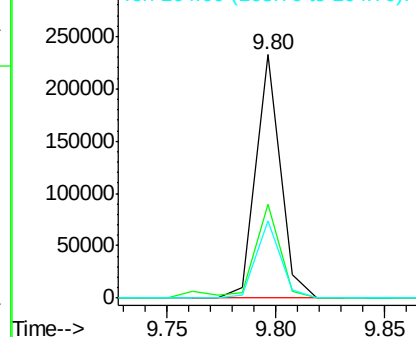


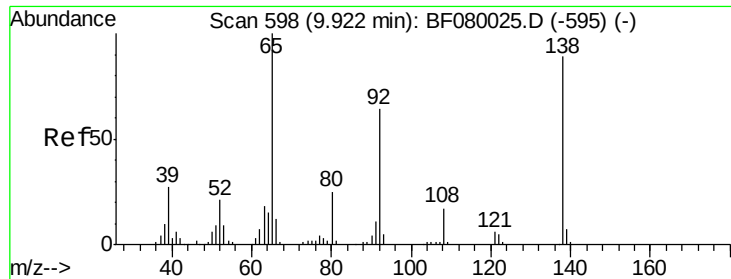
#46
 2-Chloronaphthalene
 Concen: 42.94 ng
 RT: 9.80 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	181810		
127	38.4	27.6	41.4	
164	31.9	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: 42.44 ng

RT: 9.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

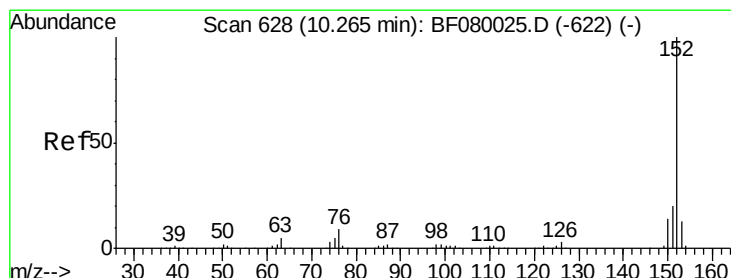
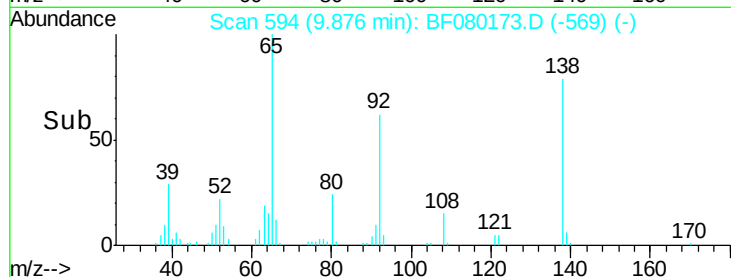
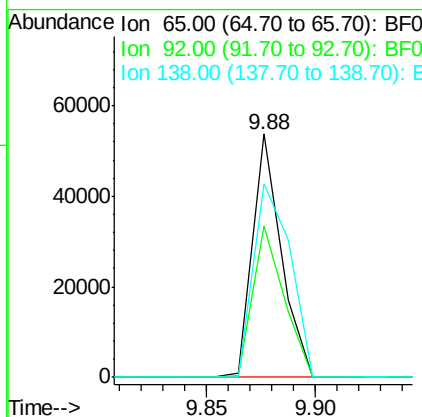
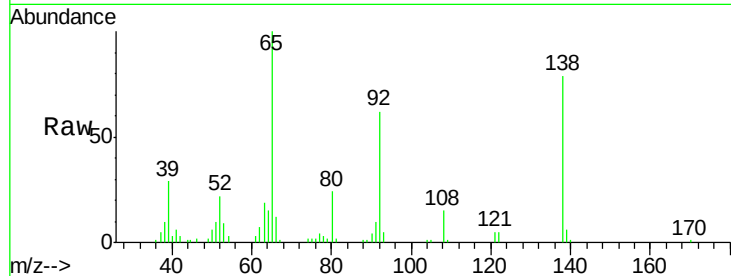
ClientSampleId :

PB84215BS

Tgt Ion:	65	Resp:	49330
Ion Ratio	Lower	Upper	
65	100		
92	62.3	55.4	83.0
138	79.4	115.5	173.3#

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#48

Acenaphthylene

Concen: 43.05 ng

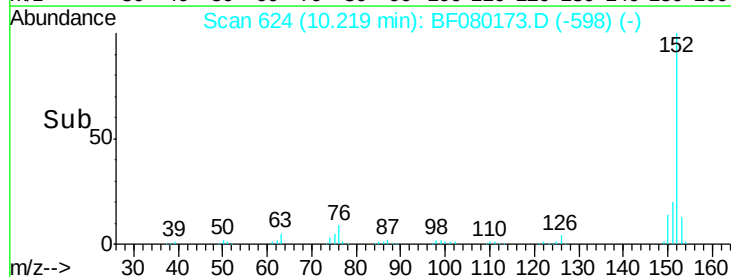
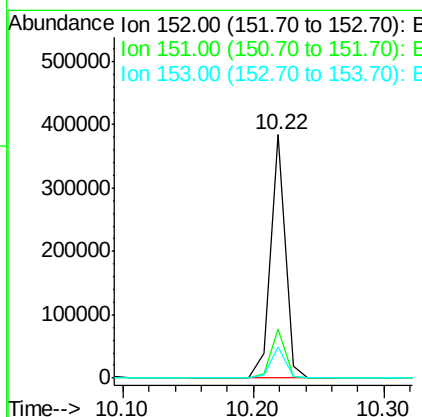
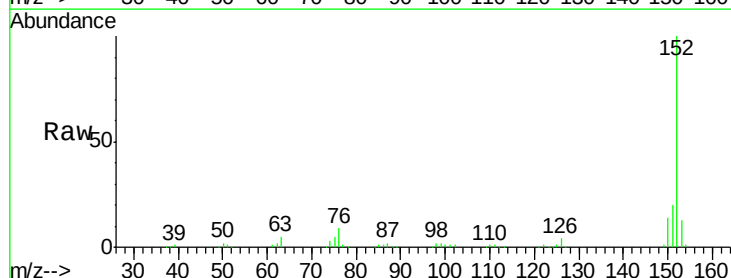
RT: 10.22 min Scan# 624

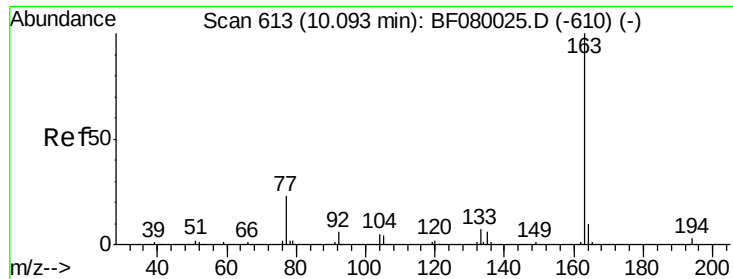
Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion:	152	Resp:	304230
Ion Ratio	Lower	Upper	
152	100		
151	20.3	14.6	22.0
153	12.7	10.3	15.5





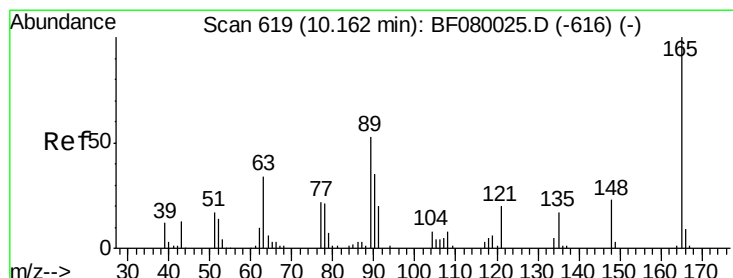
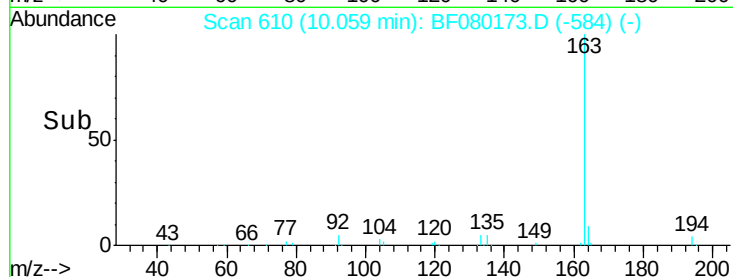
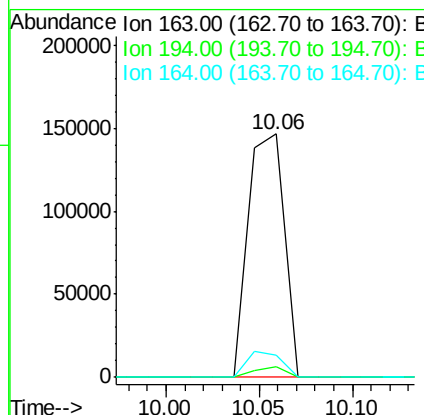
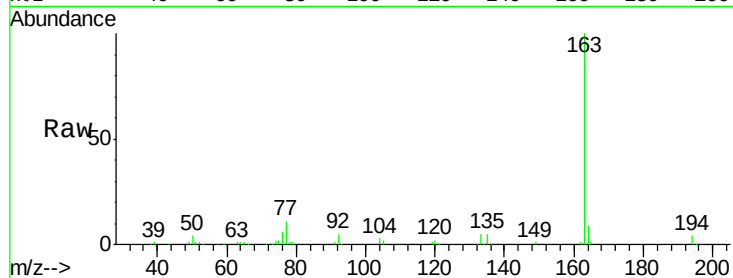
#49
Dimethylphthalate
Concen: 40.70 ng
RT: 10.06 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.2	4.4	6.6#
164	9.2	8.3	12.5

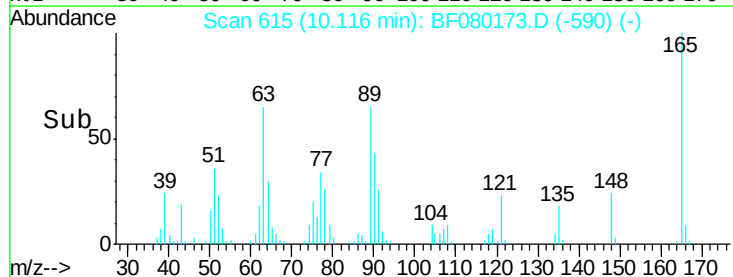
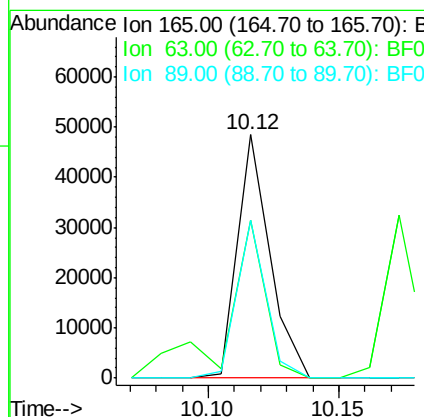
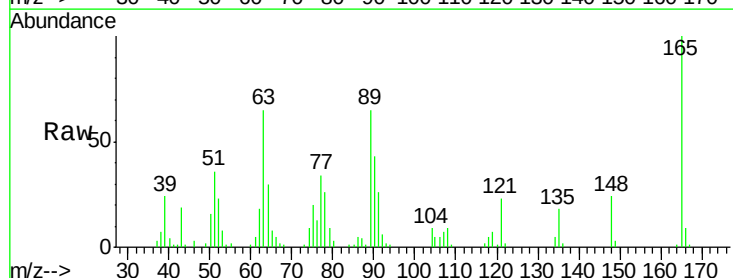
Manual Integrations
APPROVED

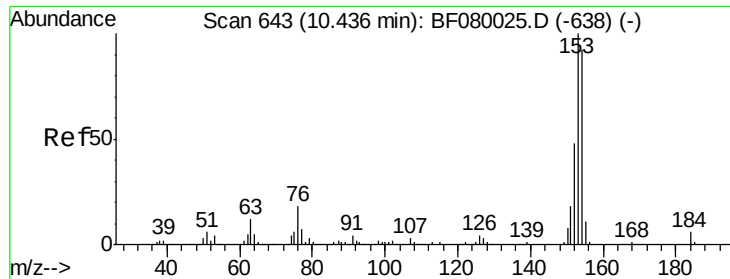
apatel
6/26/2015 2:05:21 PM



#50
2,6-Dinitrotoluene
Concen: 43.77 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.01 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	64.8	32.3	48.5#
89	65.1	28.6	43.0#





#51

Acenaphthene

Concen: 45.38 ng

RT: 10.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080173.D

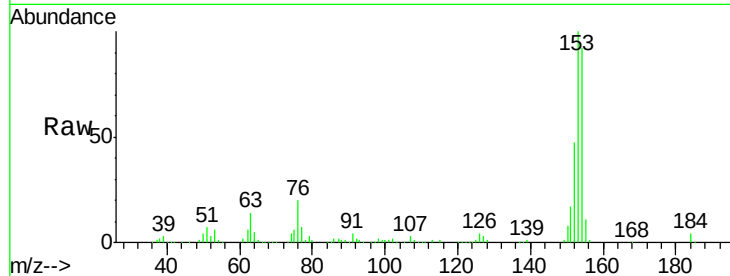
Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

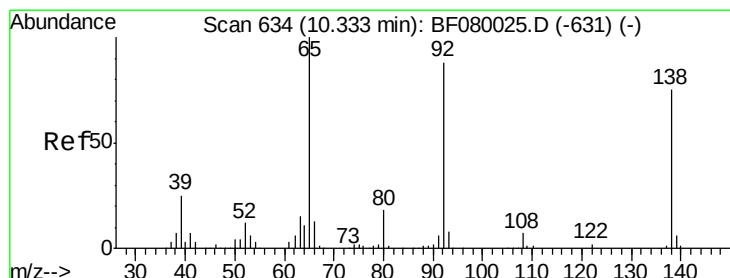
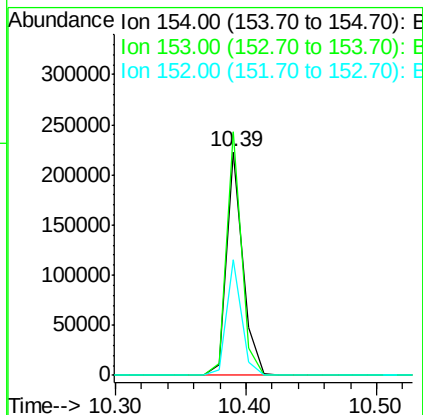
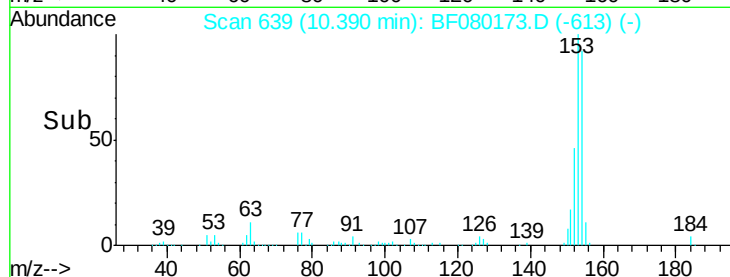
PB84215BS



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	196185		
153	108.9	82.1	123.1	
152	51.5	37.9	56.9	

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#52

3-Nitroaniline

Concen: 26.92 ng

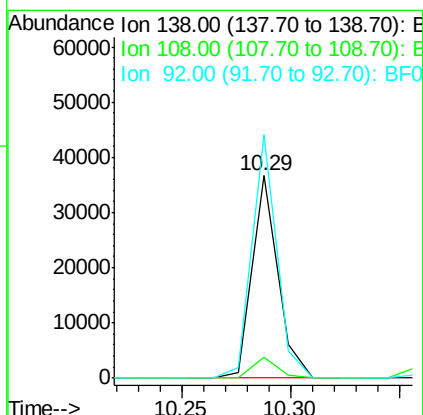
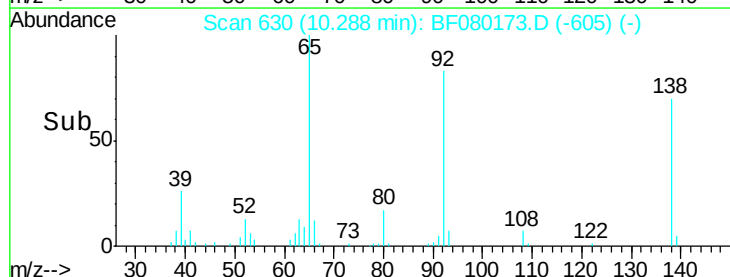
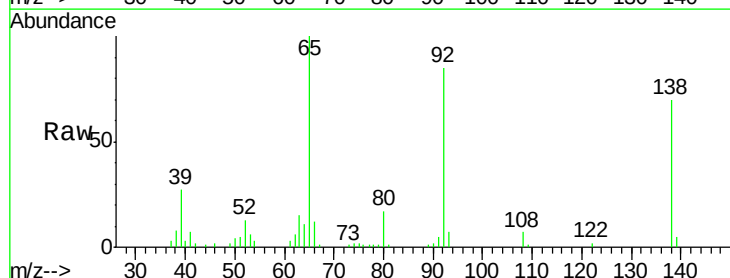
RT: 10.29 min Scan# 630

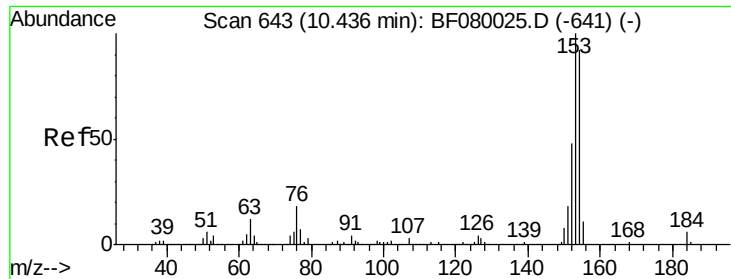
Delta R.T. -0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	30023		
108	10.6	5.7	8.5#	
92	120.2	67.7	101.5#	





#53

2,4-Dinitrophenol

Concen: 105.71 ng

RT: 10.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF080173.D

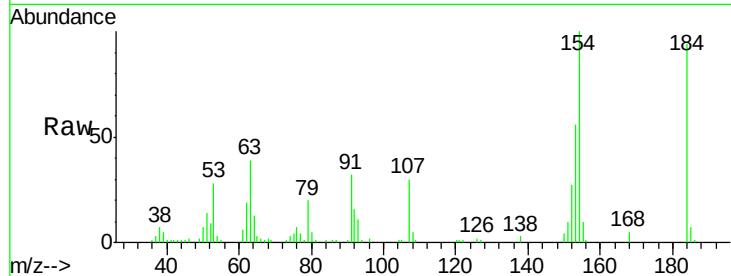
Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

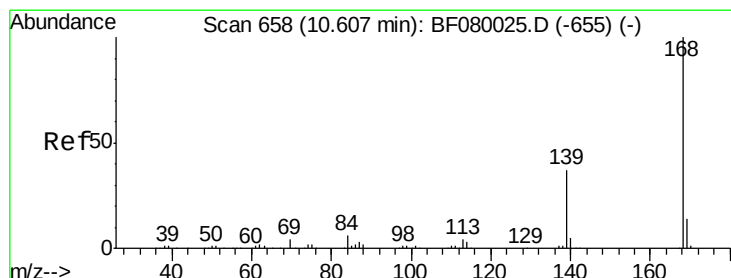
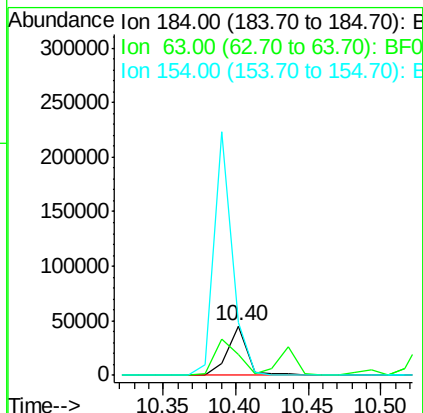
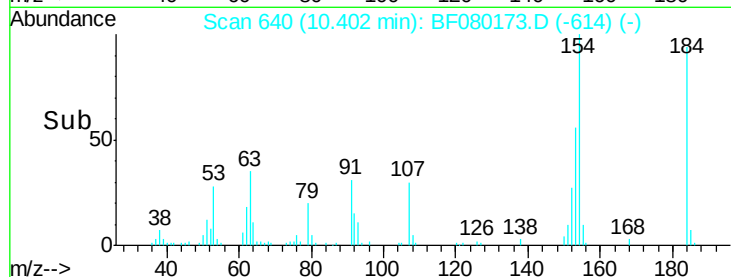
PB84215BS



Tgt Ion:	184	Resp:	42384
Ion Ratio	Lower	Upper	
184	100		
63	41.9	35.4	53.2
154	106.8	32.2	48.4#

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#54

Dibenzofuran

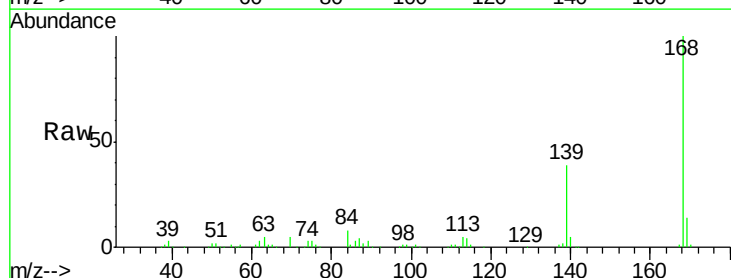
Concen: 42.18 ng

RT: 10.56 min Scan# 654

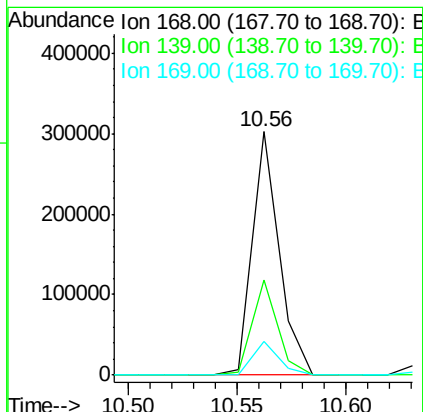
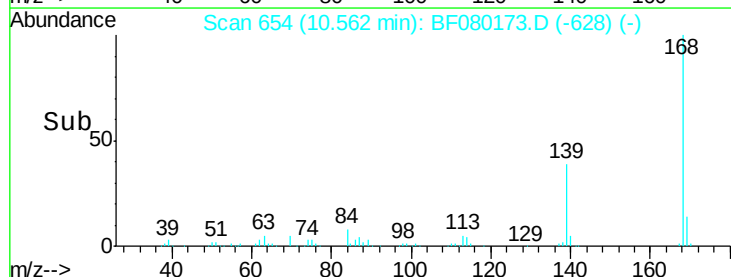
Delta R.T. 0.00 min

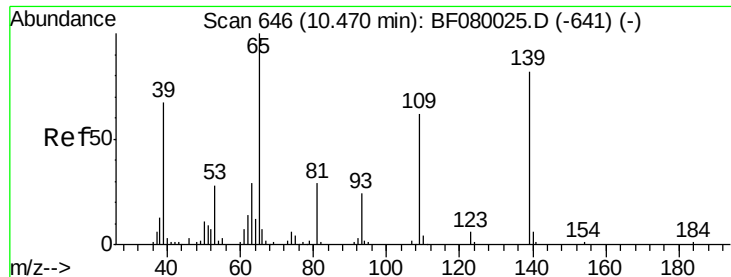
Lab File: BF080173.D

Acq: 25 Jun 2015 18:40



Tgt Ion:	168	Resp:	258758
Ion Ratio	Lower	Upper	
168	100		
139	38.9	24.2	36.2#
169	13.6	10.6	15.8





#55

4-Nitrophenol

Concen: 94.07 ng

RT: 10.44 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

PB84215BS

Tgt Ion:139 Resp: 83855
Ion Ratio Lower Upper

139 100

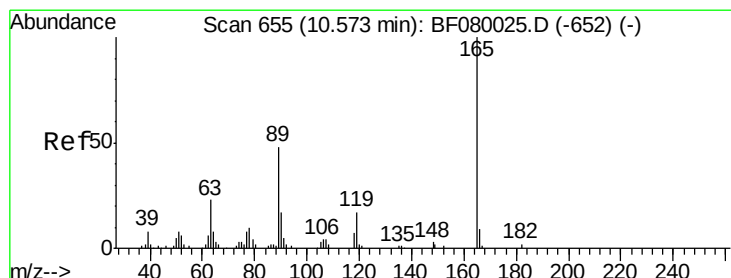
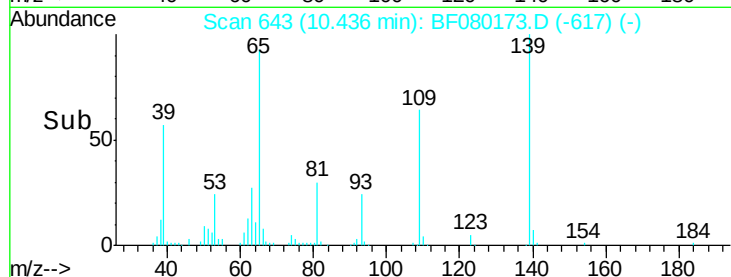
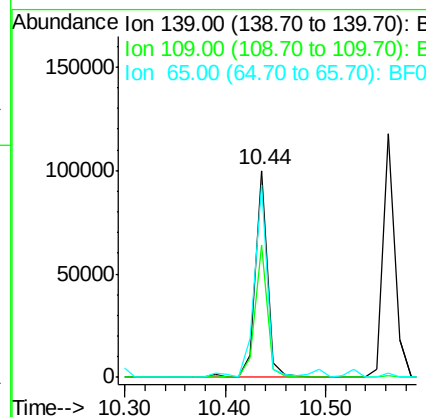
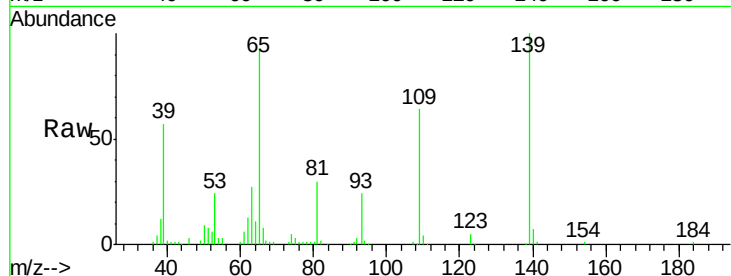
109 64.1 12.7 52.7#

65 93.2 45.9 85.9#

Manual Integrations
APPROVED

apatel

6/26/2015 2:05:21 PM



#56

2,4-Dinitrotoluene

Concen: 52.42 ng

RT: 10.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

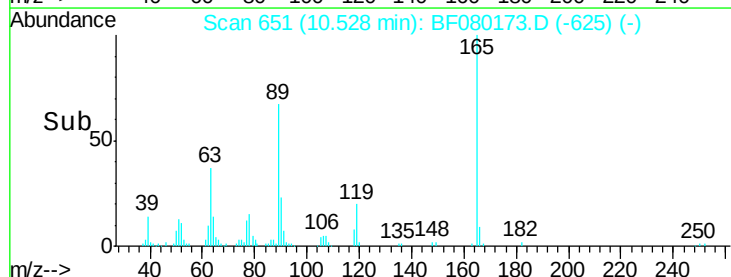
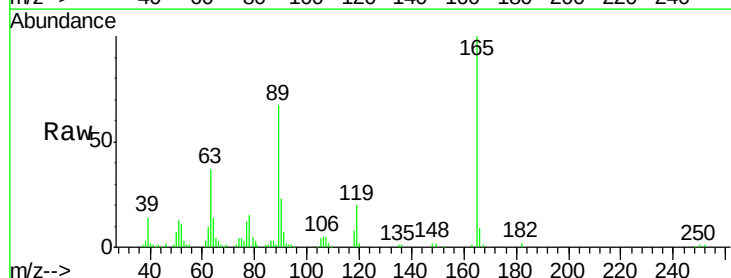
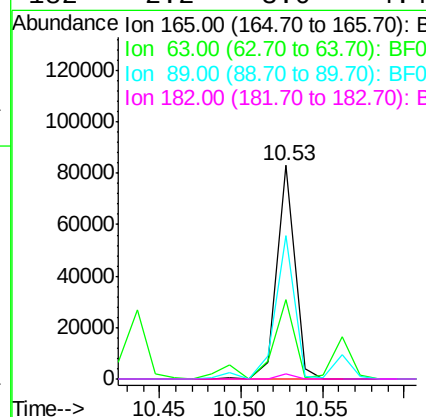
Tgt Ion:165 Resp: 64294
Ion Ratio Lower Upper

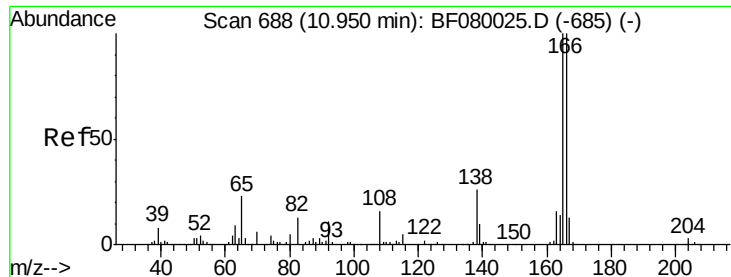
165 100

63 37.4 29.8 44.6

89 67.2 44.5 66.7#

182 2.2 3.0 4.4#





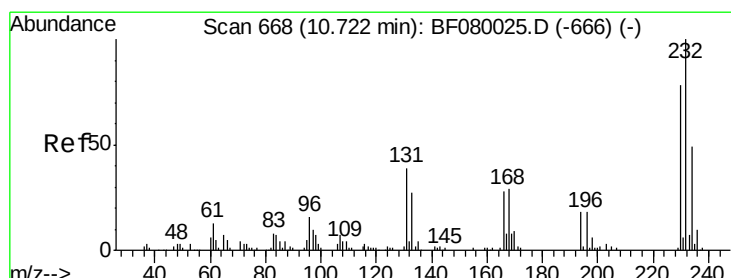
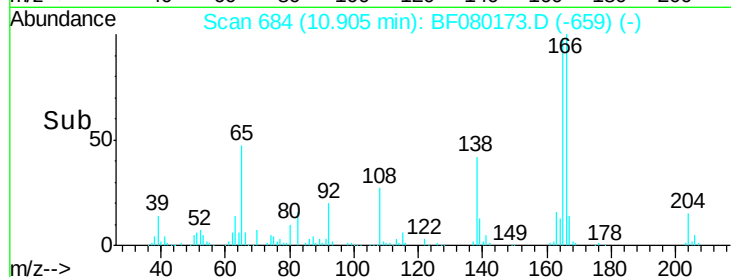
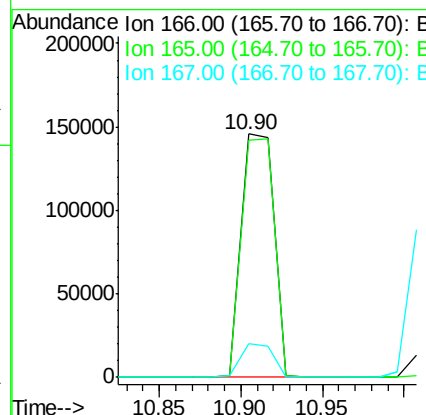
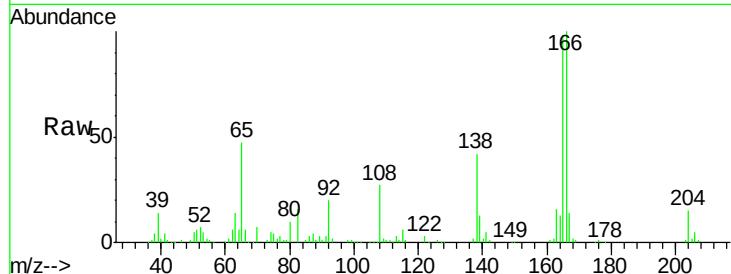
#57
Fluorene
Concen: 41.09 ng
RT: 10.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	199993		
165	97.5	72.6	109.0	
167	13.8	10.6	16.0	

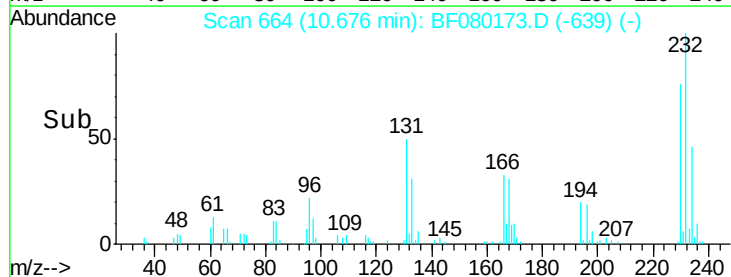
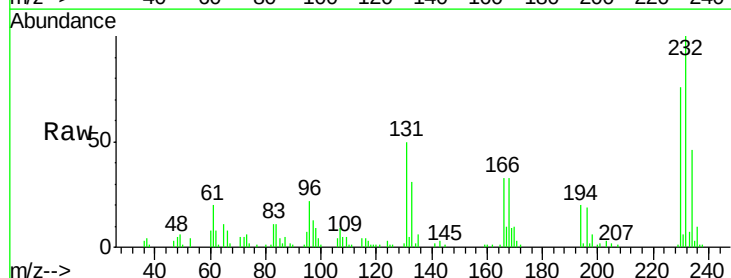
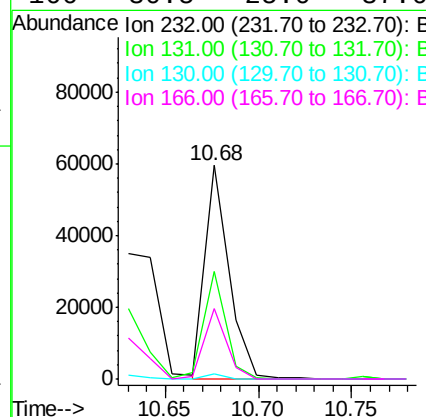
Manual Integrations
APPROVED

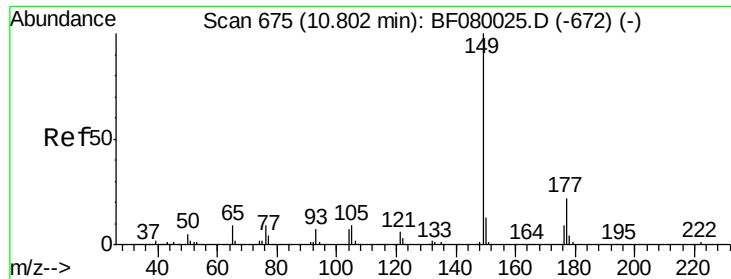
apatel
6/26/2015 2:05:21 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 43.12 ng
RT: 10.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	53255		
131	45.9	38.5	57.7	
130	1.9	1.8	2.6	
166	30.5	25.0	37.6	





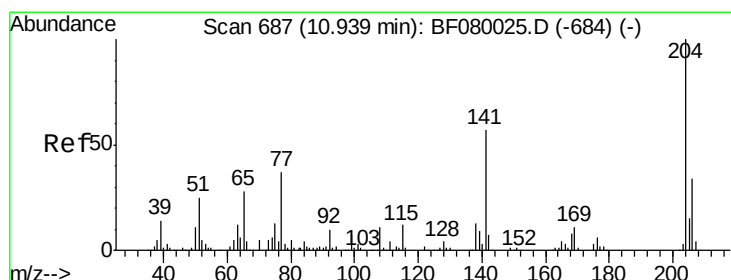
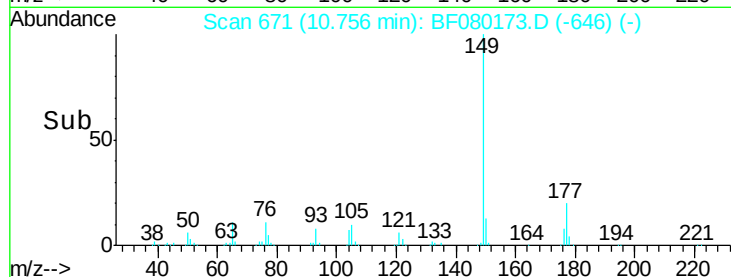
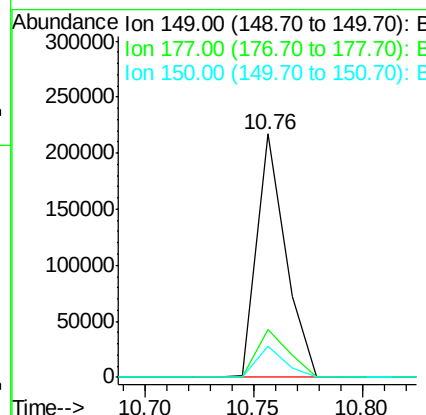
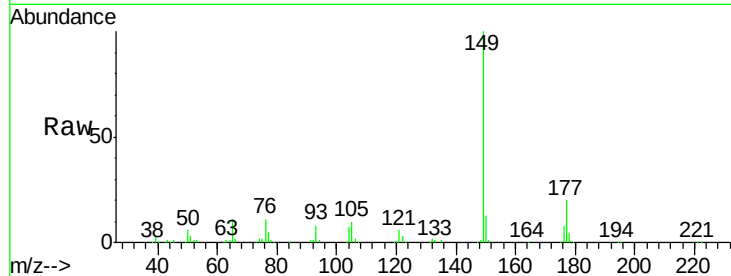
#59
Diethylphthalate
Concen: 41.15 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	19.6	17.5	26.3
150	12.6	9.4	14.2

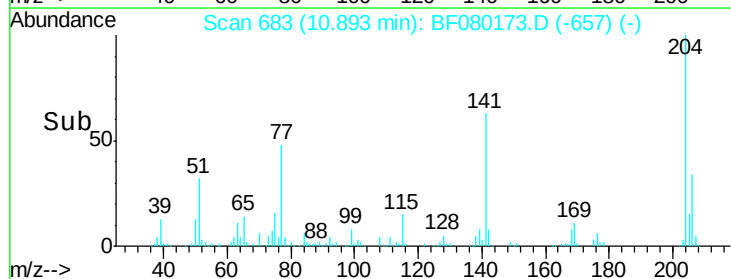
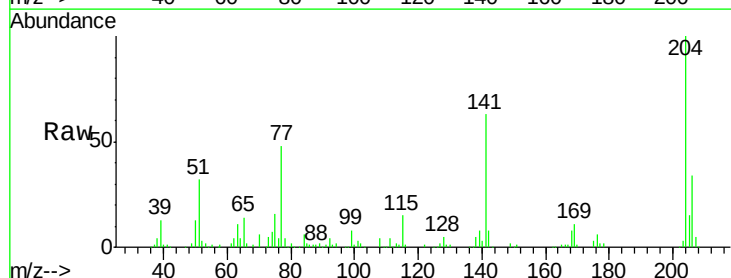
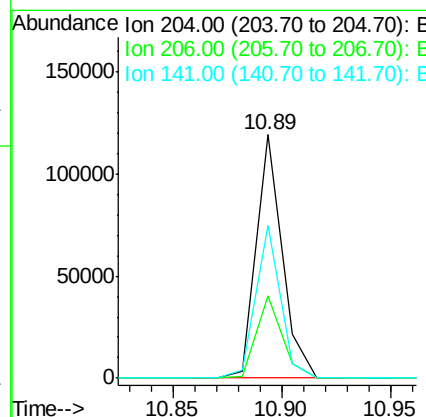
Manual Integrations
APPROVED

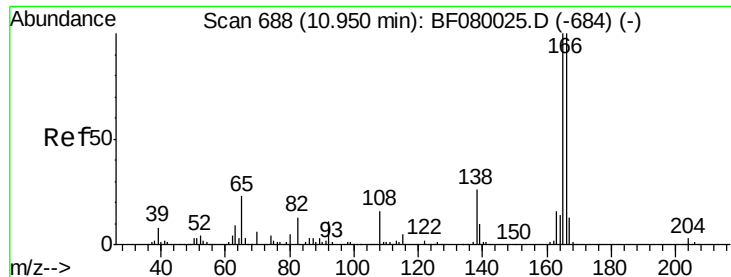
apatel
6/26/2015 2:05:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.16 ng
RT: 10.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.9	24.8	37.2
141	63.0	42.2	63.4





#61

4-Nitroaniline

Concen: 43.46 ng

RT: 10.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF080173.D

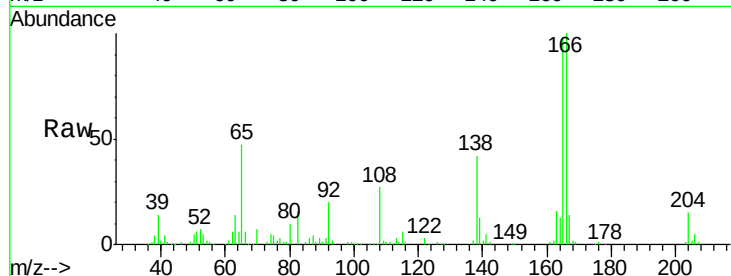
Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

PB84215BS



Tgt Ion: 138 Resp: 50056

Ion Ratio Lower Upper

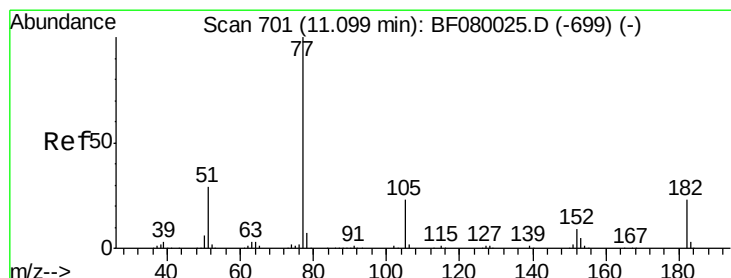
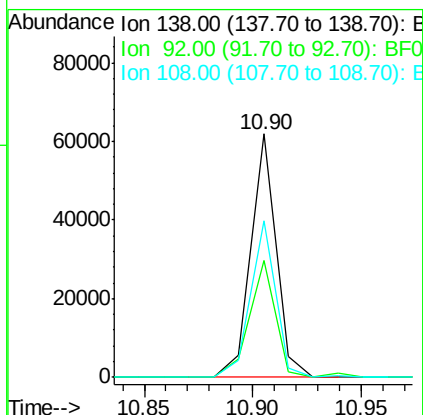
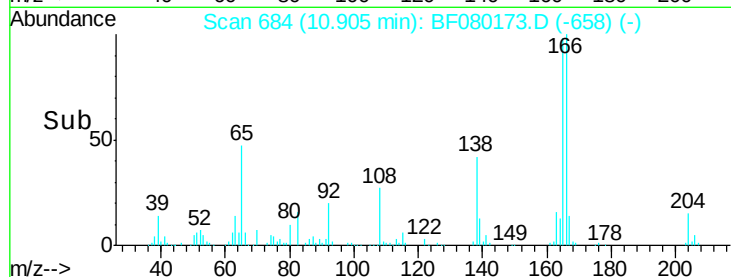
138 100

92 48.3 12.6 52.6

108 64.4 12.4 52.4#

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#62

Azobenzene

Concen: 42.64 ng

RT: 11.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion: 77 Resp: 210744

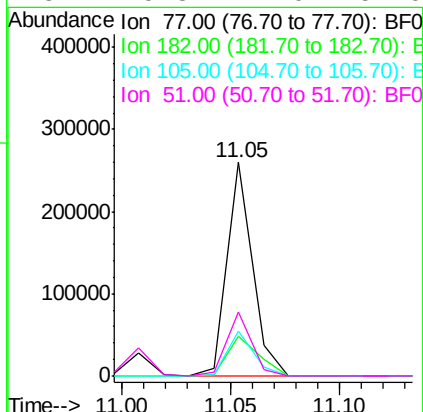
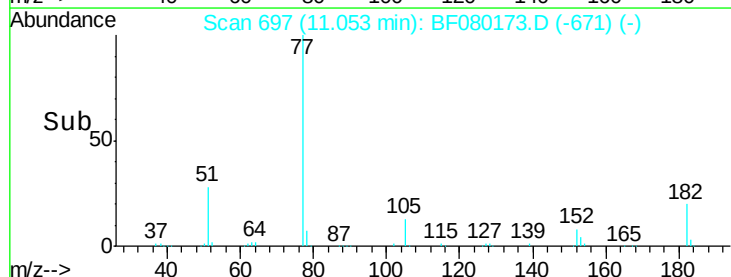
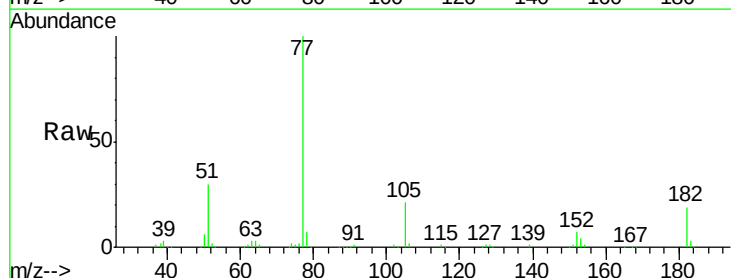
Ion Ratio Lower Upper

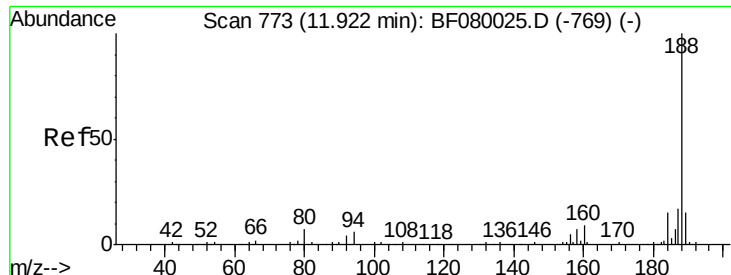
77 100

182 18.6 15.1 55.1

105 20.9 3.4 43.4

51 29.8 12.0 52.0





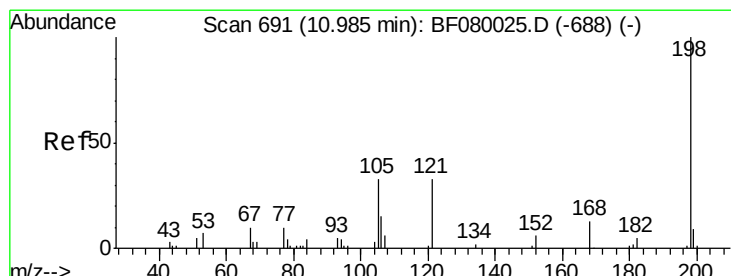
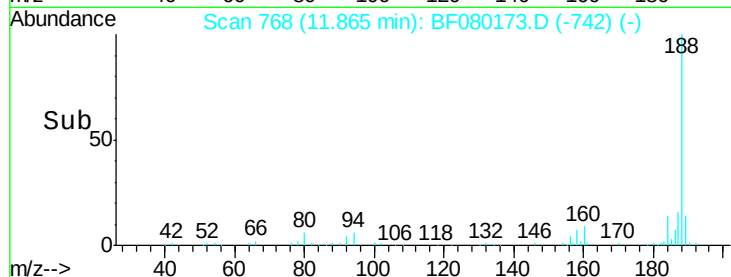
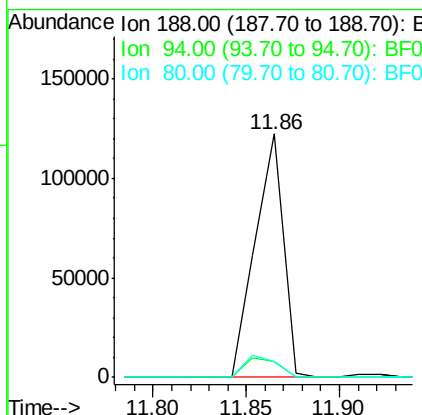
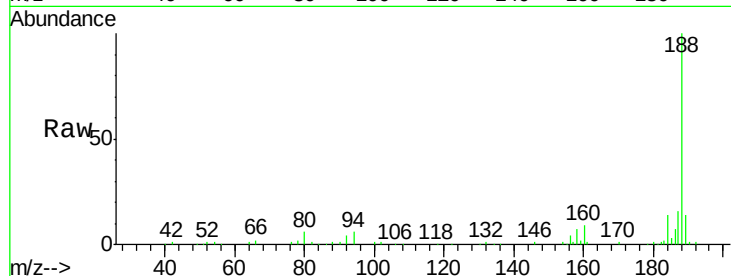
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.3	11.1	16.7#
80	6.4	11.0	16.4#

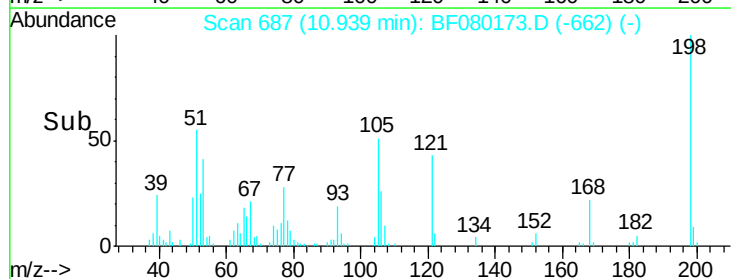
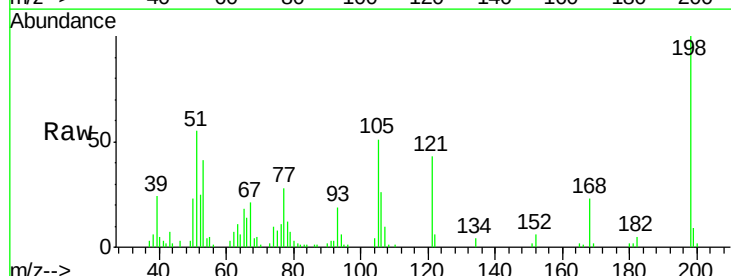
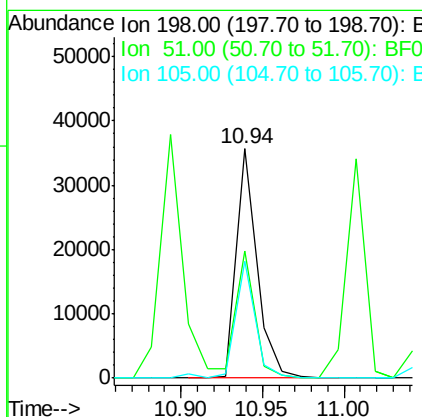
Manual Integrations
 APPROVED

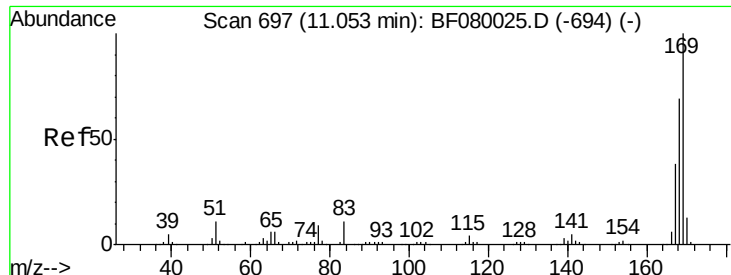
apatel
 6/26/2015 2:05:21 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.12 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	55.3	39.6	79.6
105	51.0	28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 44.78 ng

RT: 11.01 min Scan# 693

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

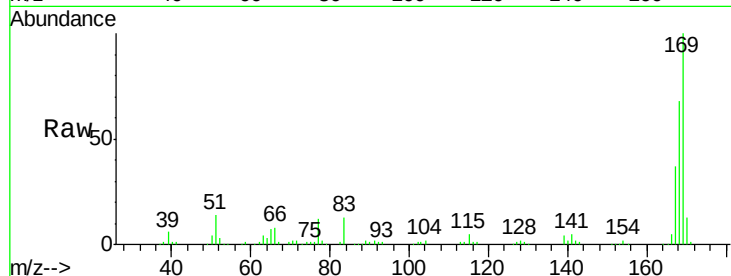
ClientSampleId :

PB84215BS

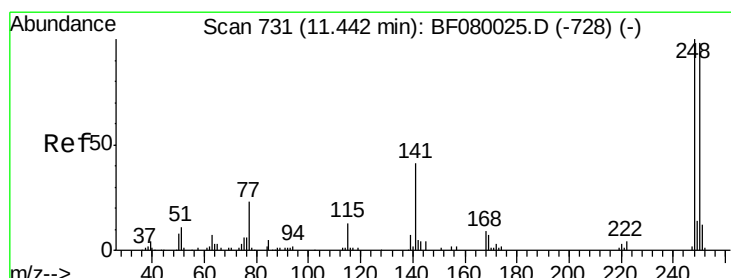
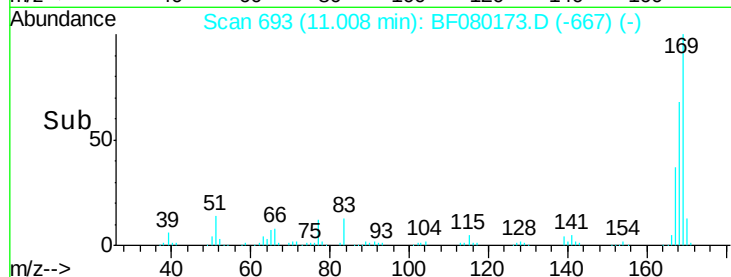
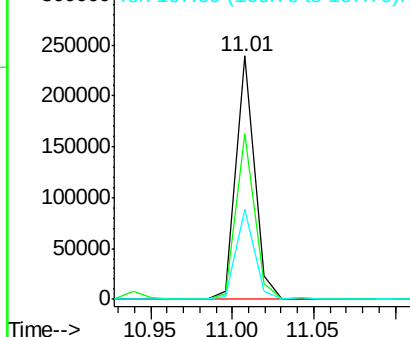
Tgt Ion:	169	Resp:	186062
Ion Ratio	Lower	Upper	
169	100		
168	67.9	48.9	73.3
167	37.0	26.2	39.4

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.44 ng

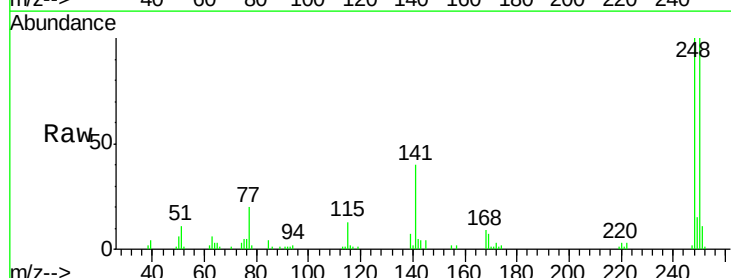
RT: 11.40 min Scan# 727

Delta R.T. 0.00 min

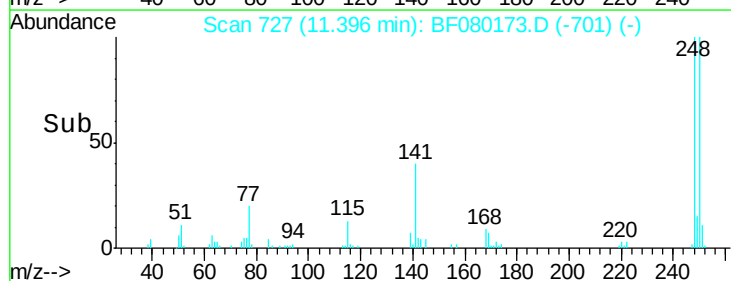
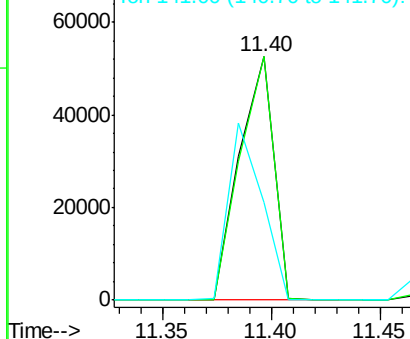
Lab File: BF080173.D

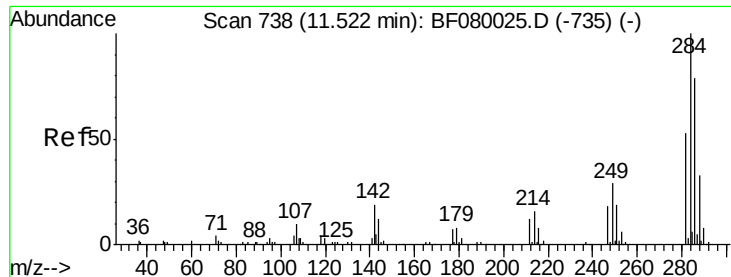
Acq: 25 Jun 2015 18:40

Tgt Ion:	248	Resp:	57578
Ion Ratio	Lower	Upper	
248	100		
250	100.0	78.5	117.7
141	40.3	59.0	88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.34 ng

RT: 11.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

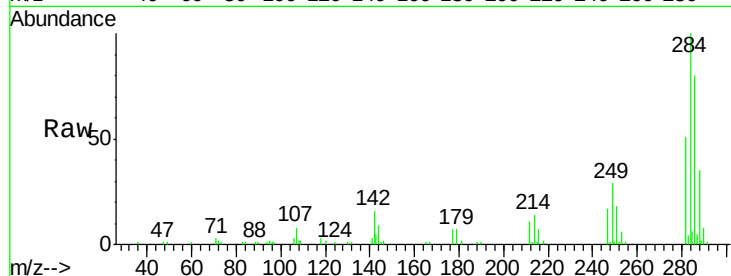
ClientSampleId :

PB84215BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	62335		
142	16.0		29.5	44.3#
249	28.6		19.5	29.3

Manual Integrations
APPROVED

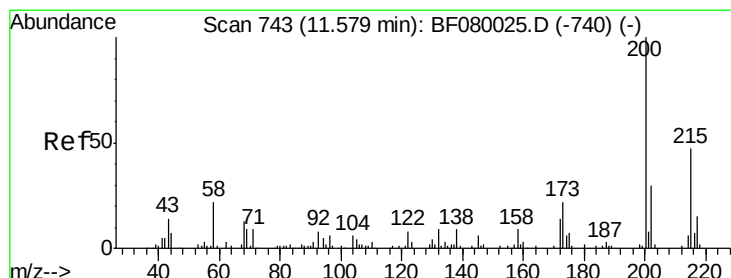
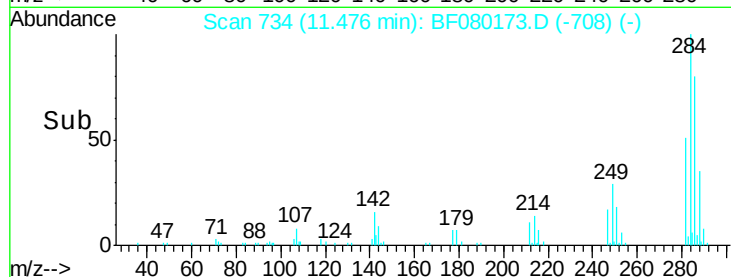
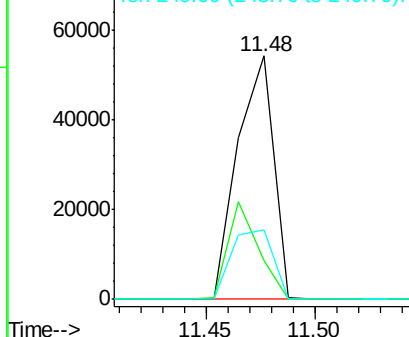
apatel
6/26/2015 2:05:21 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.20 ng

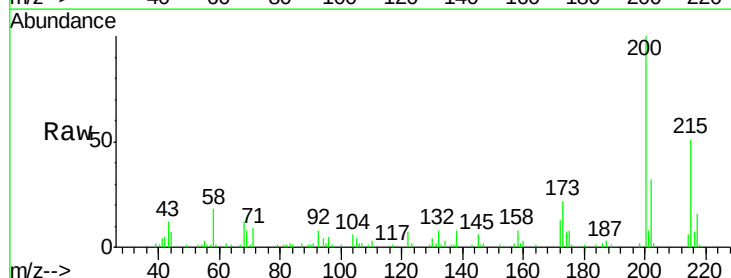
RT: 11.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

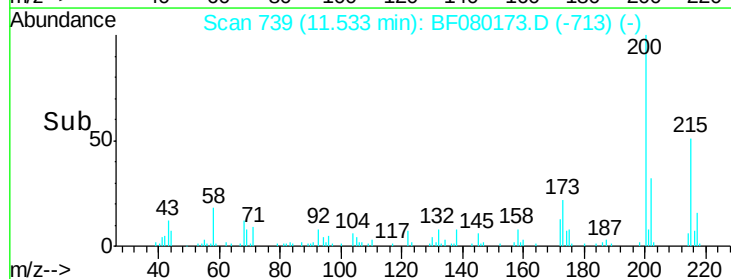
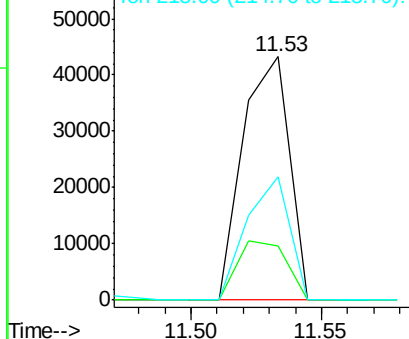
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	54085		
173	22.2		13.2	53.2
215	50.6		41.8	81.8

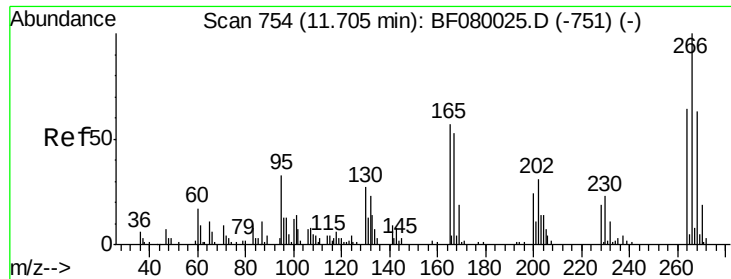


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





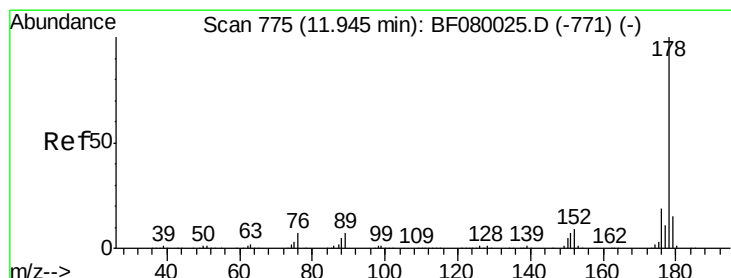
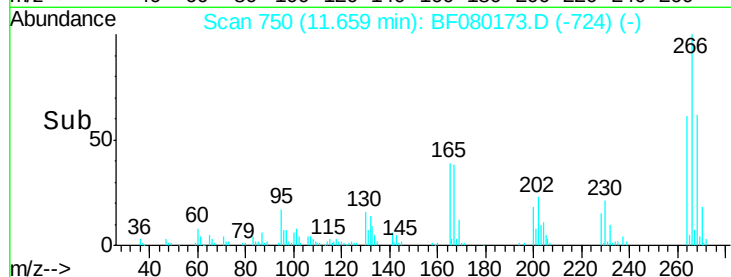
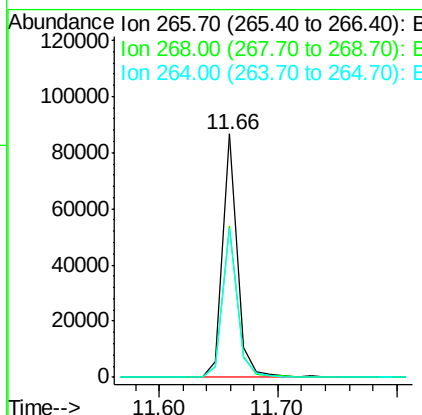
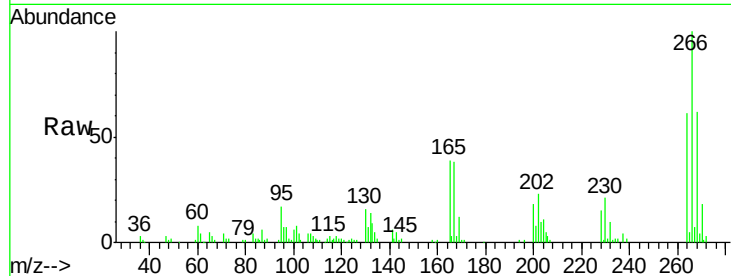
#69
 Pentachlorophenol
 Concen: 86.28 ng
 RT: 11.66 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	73725		
268	62.3	49.8	74.6	
264	61.4	50.2	75.2	

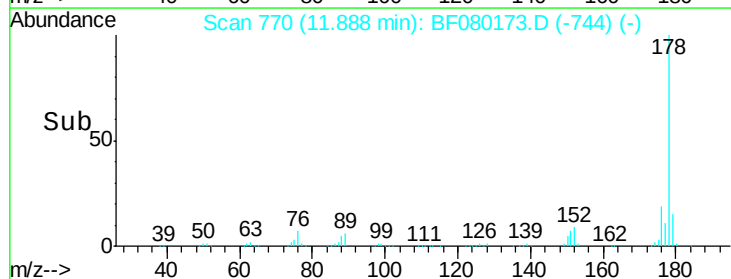
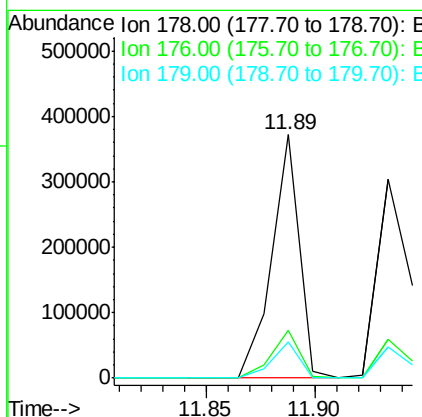
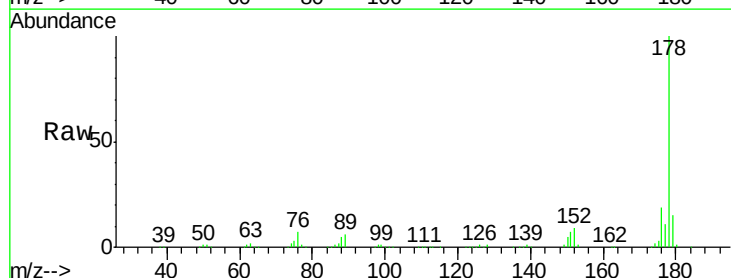
Manual Integrations
 APPROVED

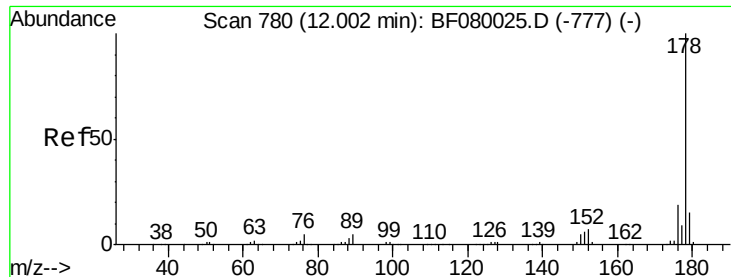
apatel
 6/26/2015 2:05:21 PM



#70
 Phenanthrene
 Concen: 42.69 ng
 RT: 11.89 min Scan# 770
 Delta R.T. 0.00 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	329812		
176	19.5	13.8	20.8	
179	14.8	12.2	18.2	





#71

Anthracene

Concen: 41.85 ng

RT: 11.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF080173.D

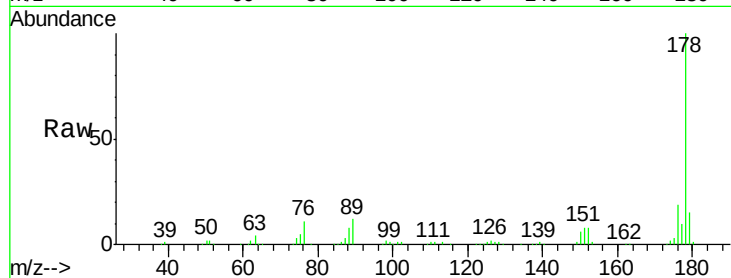
Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

ClientSampleId :

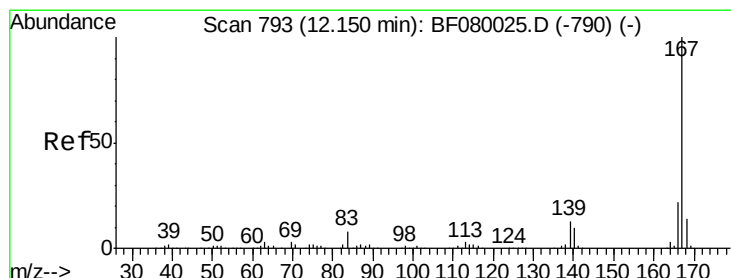
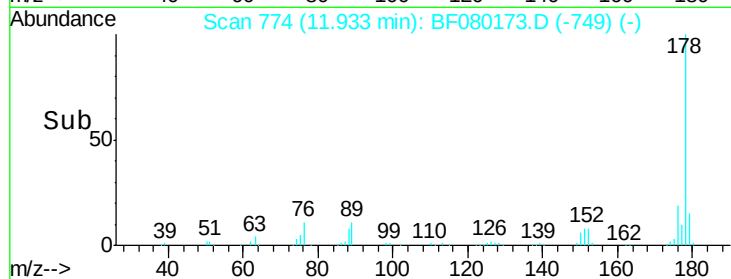
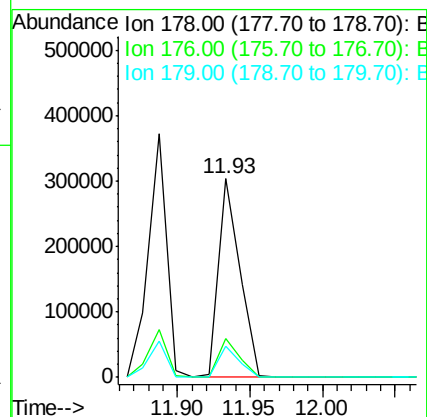
PB84215BS



Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	15.5	12.2	18.2

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#72

Carbazole

Concen: 40.35 ng

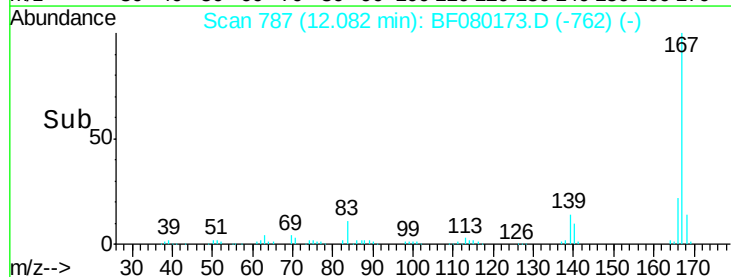
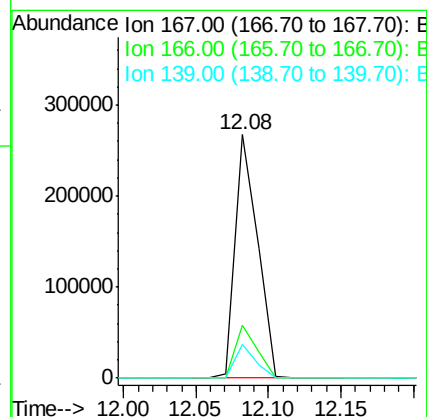
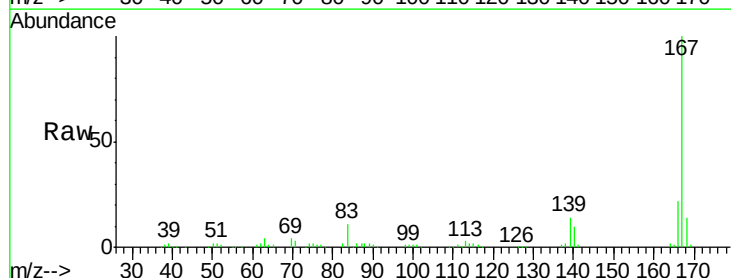
RT: 12.08 min Scan# 787

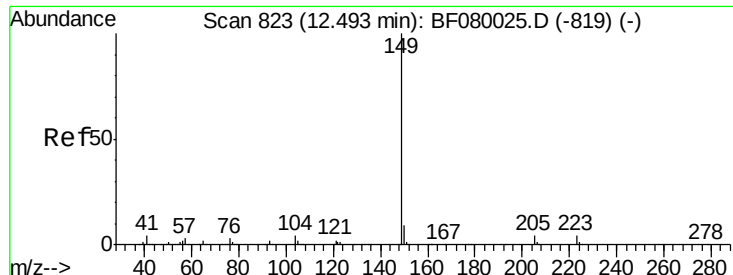
Delta R.T. -0.01 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	15.7	23.5
139	13.7	9.5	14.3





#73

Di-n-butylphthalate

Concen: 43.45 ng

RT: 12.41 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

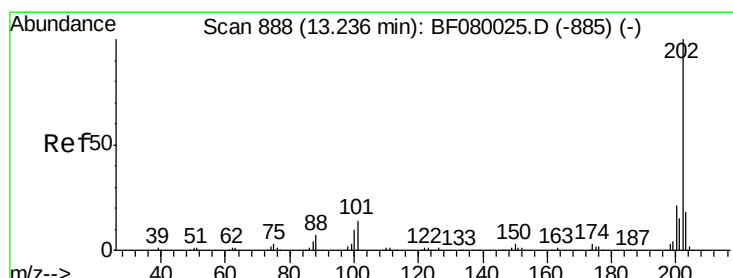
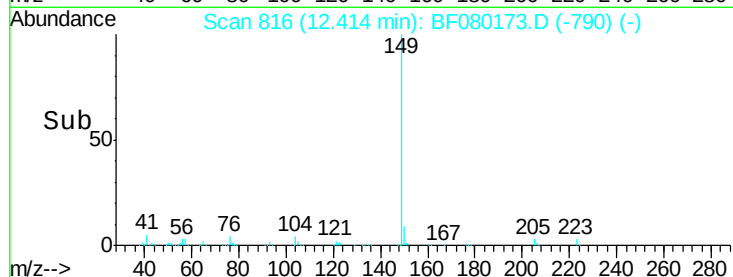
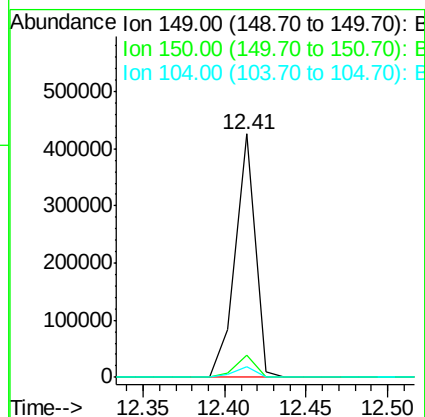
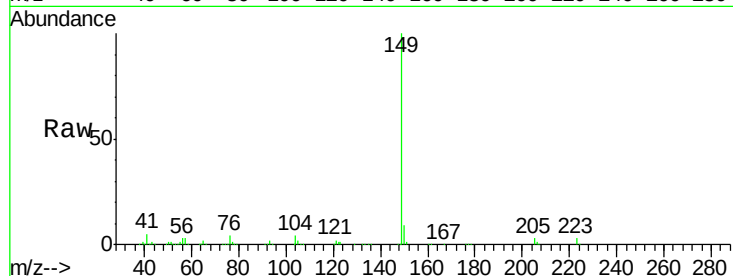
ClientSampleId :

PB84215BS

Tgt	Ion	149	Resp	356509
Ion	Ratio	100	Lower	Upper
149	100			
150	9.0	7.4	11.2	
104	4.2	2.4	3.6	

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#74

Fluoranthene

Concen: 41.81 ng

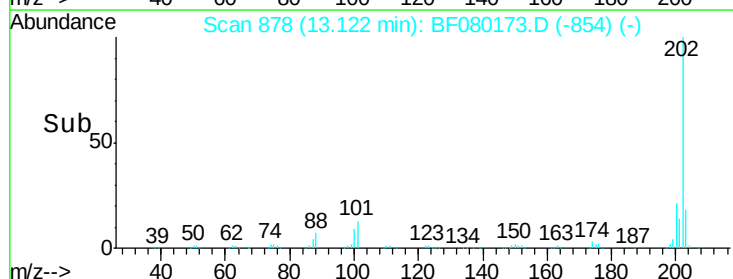
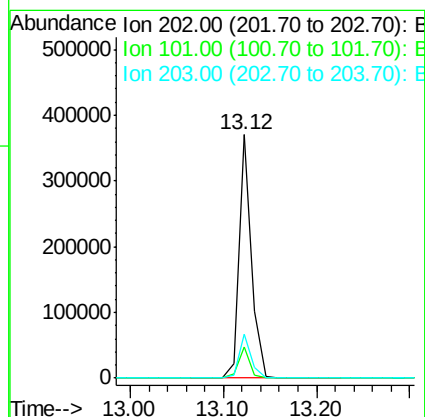
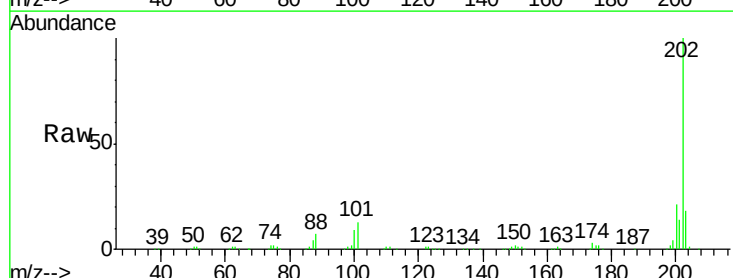
RT: 13.12 min Scan# 878

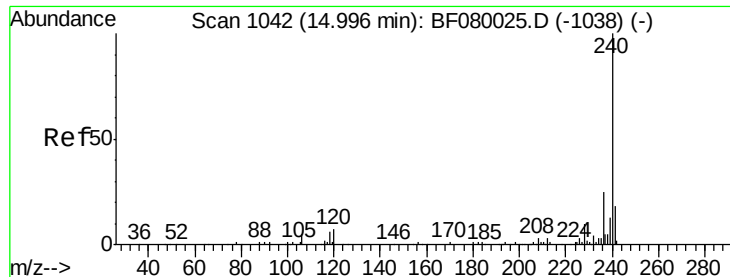
Delta R.T. -0.02 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt	Ion	202	Resp	344002
Ion	Ratio	100	Lower	Upper
202	100			
101	12.7	0.0	38.3	
203	18.1	0.0	37.3	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1020

Delta R.T. -0.08 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

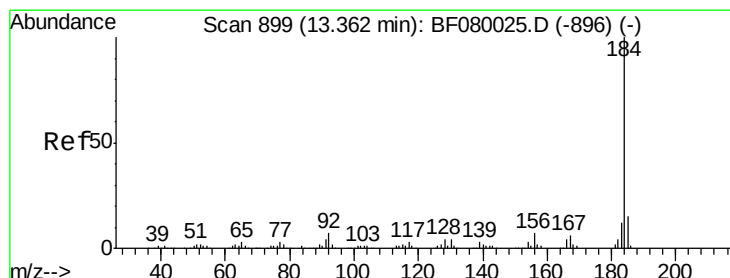
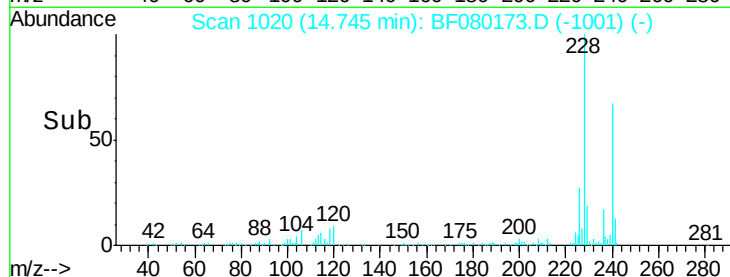
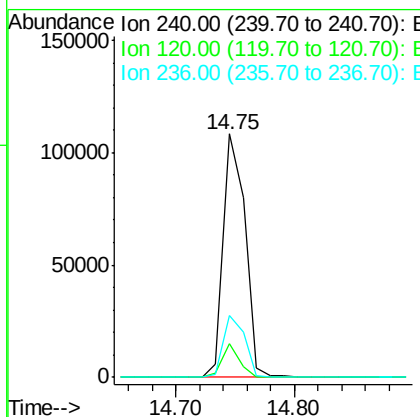
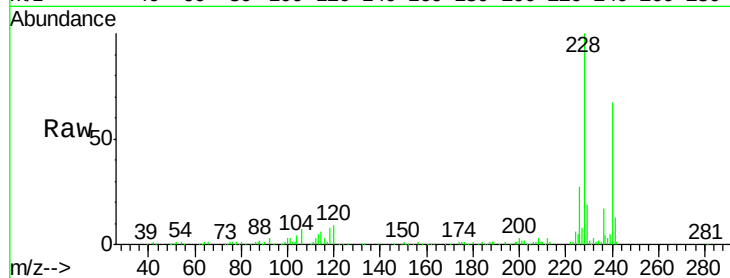
ClientSampleId :

PB84215BS

Tgt Ion:	240	Resp:	137375
Ion Ratio		Lower	Upper
240	100		
120	14.1	16.2	24.2#
236	25.6	18.4	27.6

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#76

Benzidine

Concen: 47.55 ng

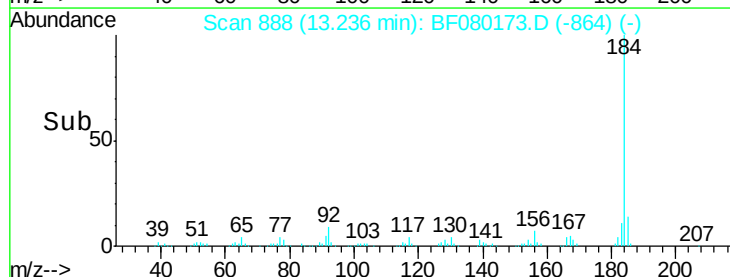
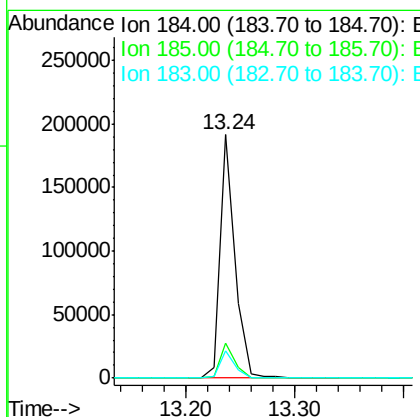
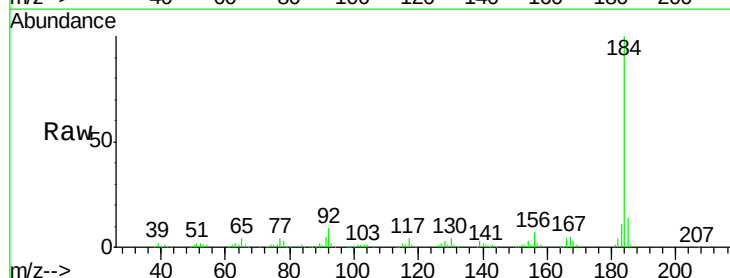
RT: 13.24 min Scan# 888

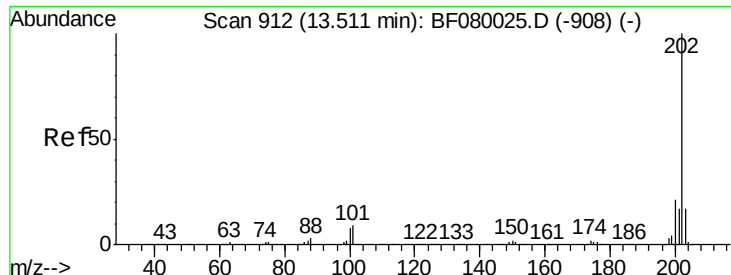
Delta R.T. -0.02 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion:	184	Resp:	182577
Ion Ratio		Lower	Upper
184	100		
185	14.4	11.8	17.6
183	11.1	7.6	11.4





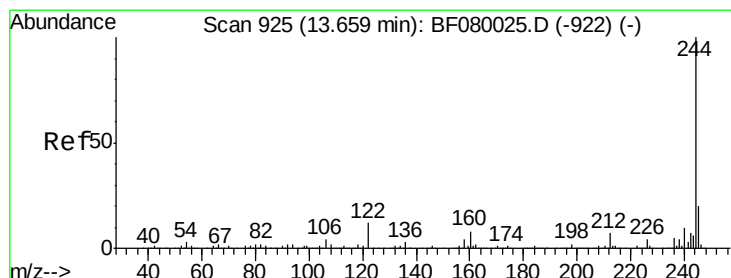
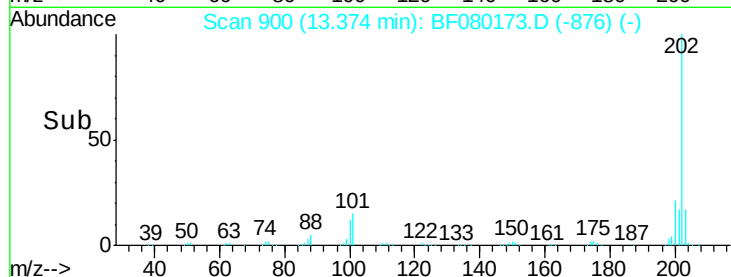
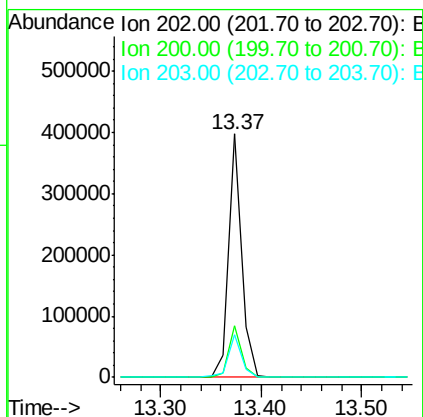
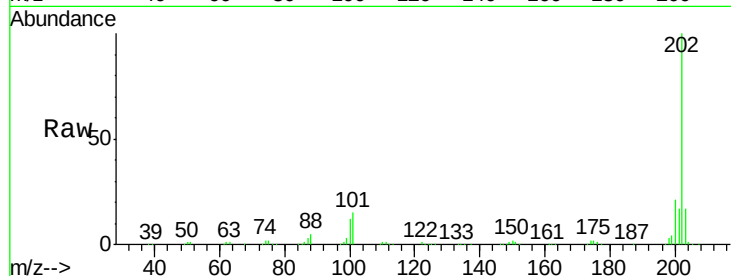
#77
Pyrene
 Concen: 42.52 ng
 RT: 13.37 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	359667		
200	21.2	15.0	22.4	
203	17.4	14.1	21.1	

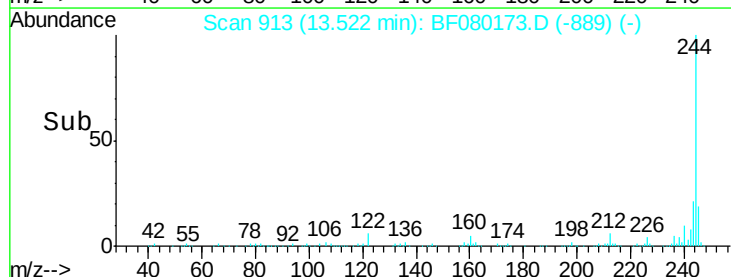
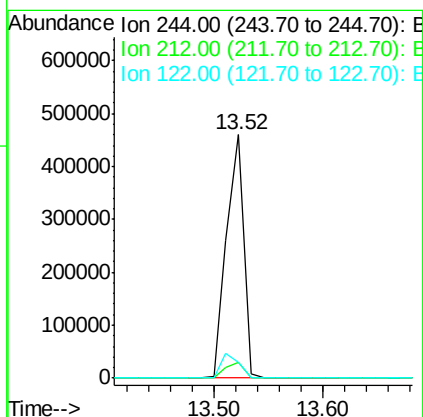
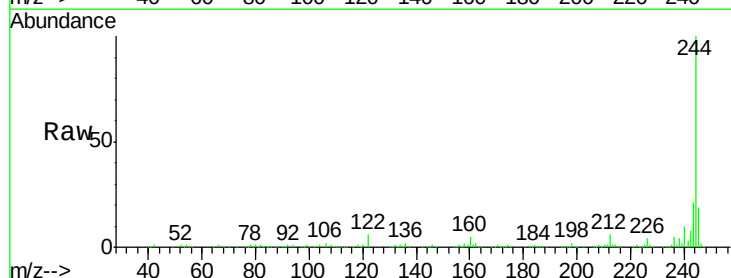
Manual Integrations
 APPROVED

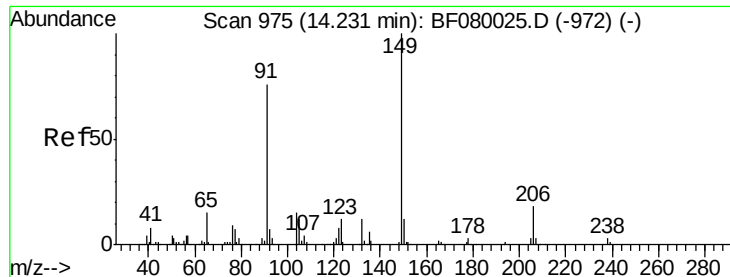
apatel
 6/26/2015 2:05:21 PM



#78
Terphenyl-d14
 Concen: 86.15 ng
 RT: 13.52 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	506720		
212	6.3	4.3	6.5	
122	6.5	17.4	26.2	





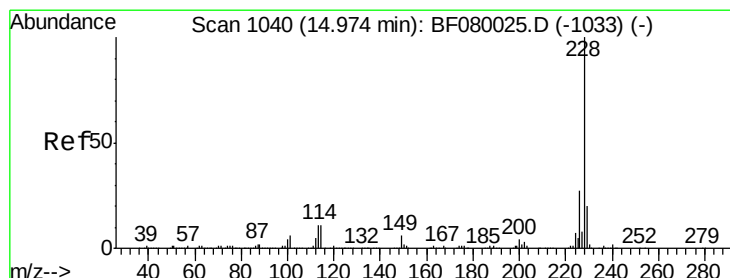
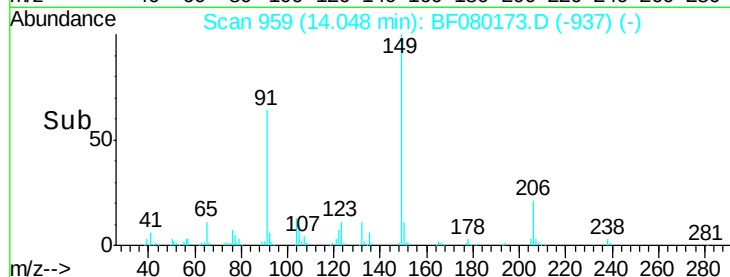
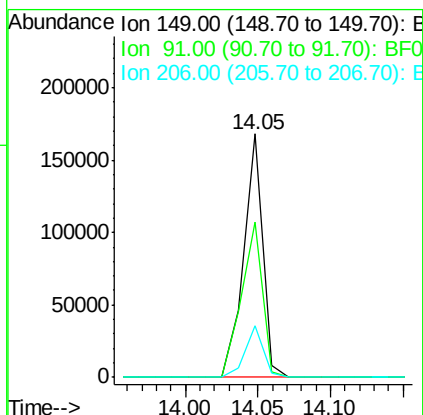
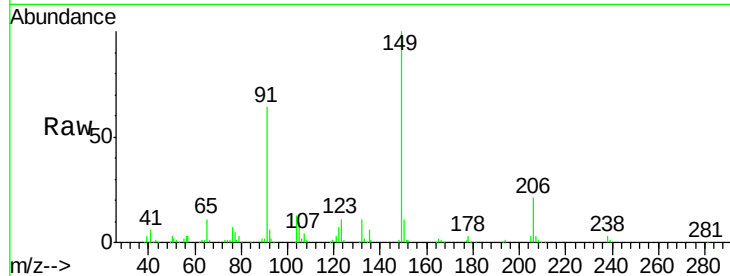
#79
Butylbenzylphthalate
Concen: 45.15 ng
RT: 14.05 min Scan# 959
Delta R.T. -0.05 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	64.0	48.6	72.8
206	21.0	14.9	22.3

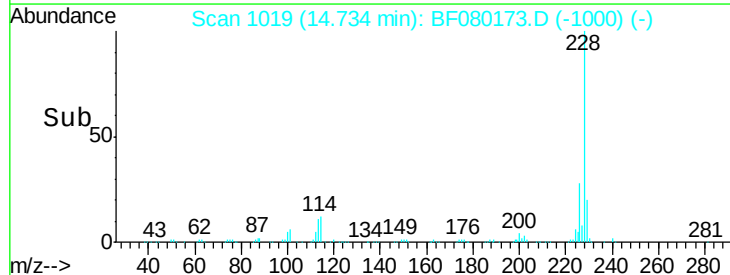
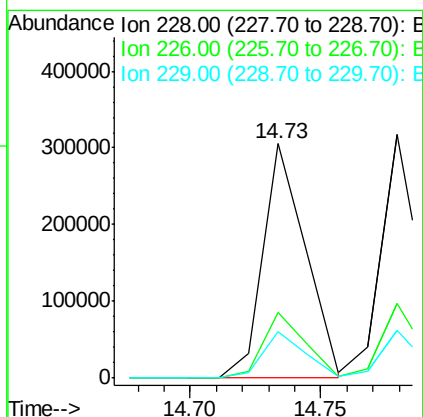
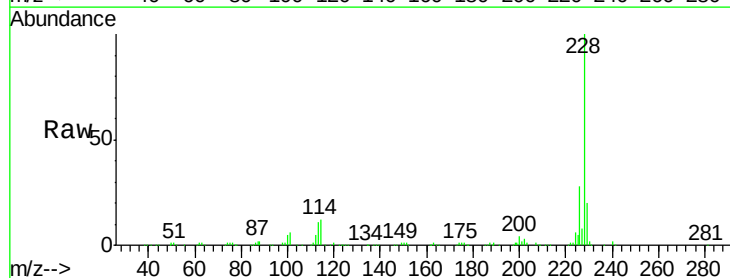
Manual Integrations
APPROVED

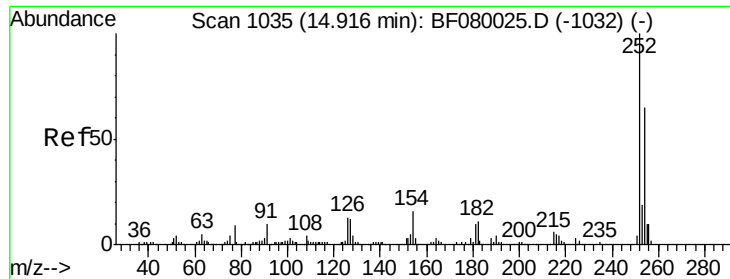
apatel
6/26/2015 2:05:21 PM



#80
Benzo(a)anthracene
Concen: 41.50 ng
RT: 14.73 min Scan# 1019
Delta R.T. -0.08 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.9	20.0	30.0
229	19.9	15.4	23.2





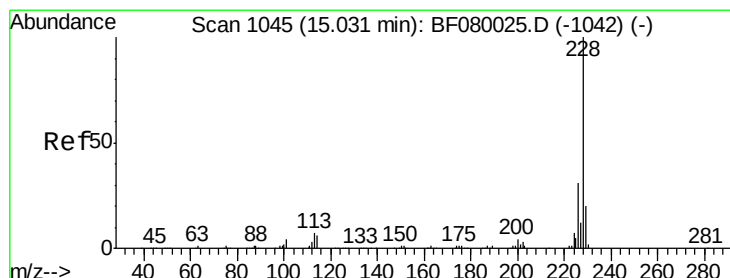
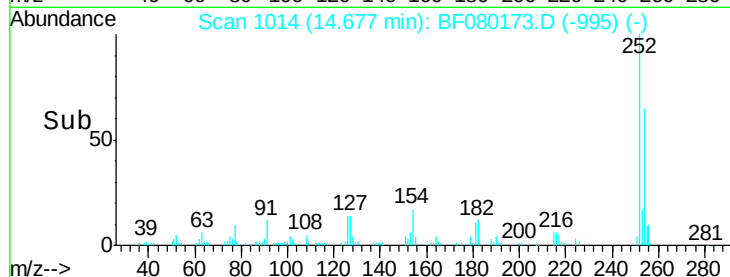
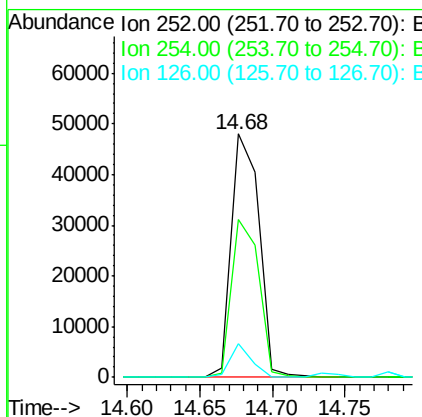
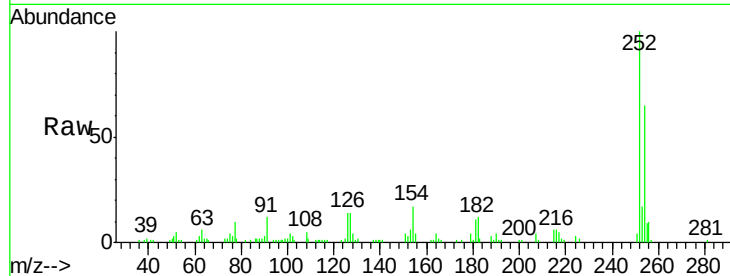
#81
 3,3'-Dichlorobenzidine
 Concen: 22.08 ng
 RT: 14.68 min Scan# 1014
 Delta R.T. -0.08 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.2
126	13.9	16.4	24.6

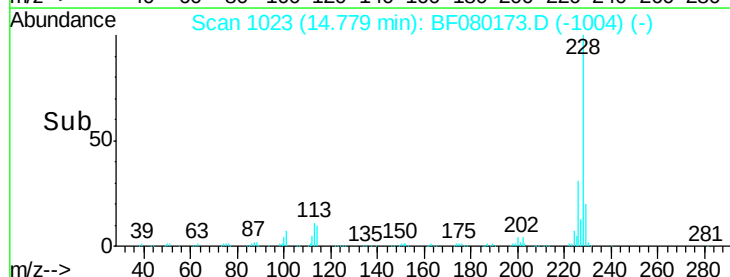
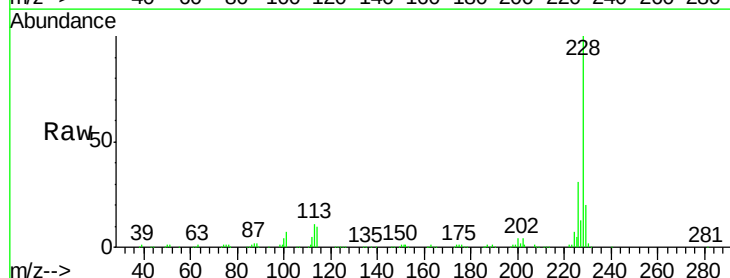
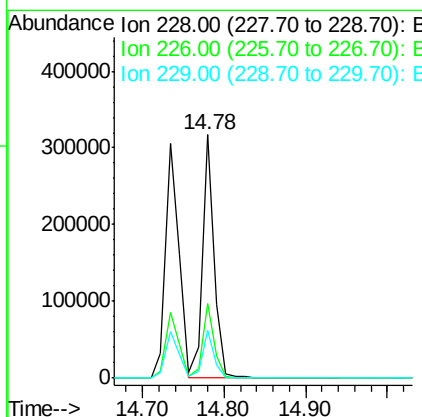
Manual Integrations
 APPROVED

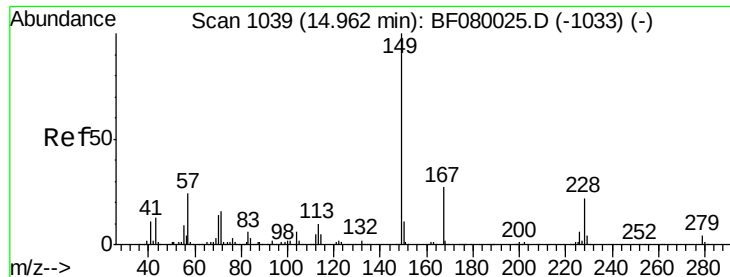
apatel
 6/26/2015 2:05:21 PM



#82
 Chrysene
 Concen: 41.73 ng
 RT: 14.78 min Scan# 1023
 Delta R.T. -0.08 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	19.9	15.6	23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.61 ng

RT: 14.71 min Scan# 1017

Delta R.T. -0.08 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

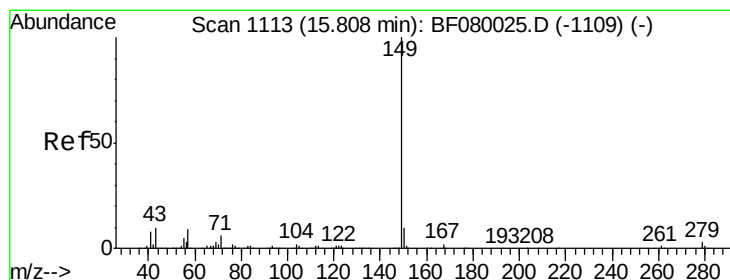
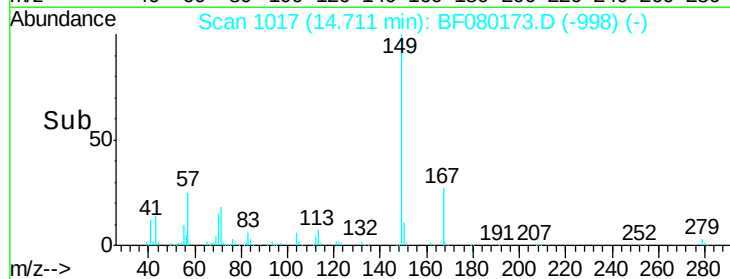
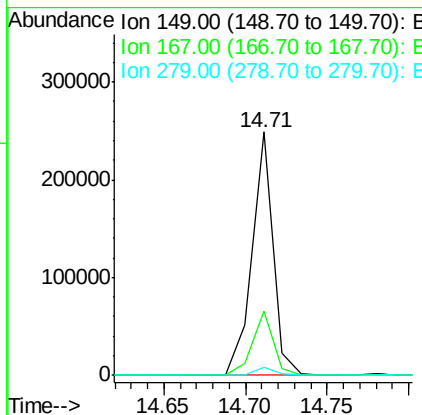
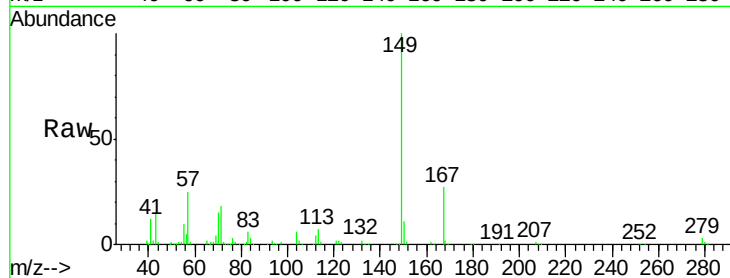
ClientSampleId :

PB84215BS

Tgt Ion:	149	Resp:	223354
Ion Ratio	Lower	Upper	
149	100		
167	26.6	24.2	36.2
279	3.4	3.8	5.6#

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#84

Di-n-octyl phthalate

Concen: 41.16 ng

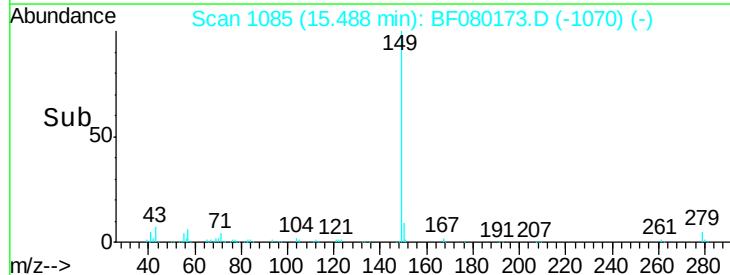
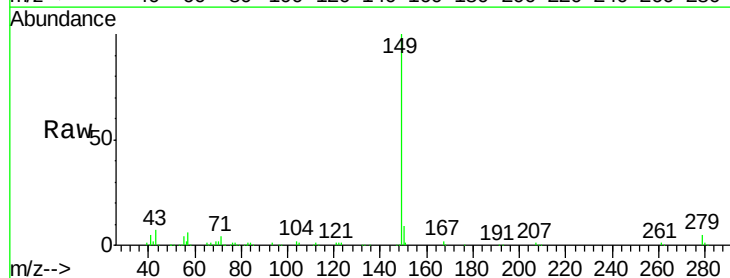
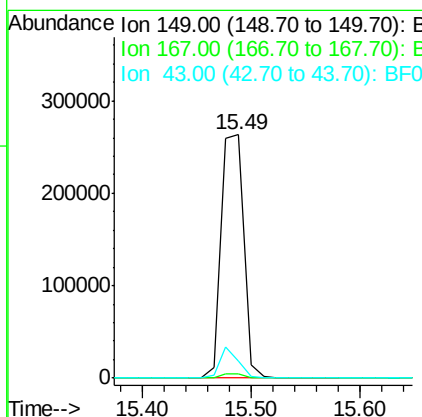
RT: 15.49 min Scan# 1085

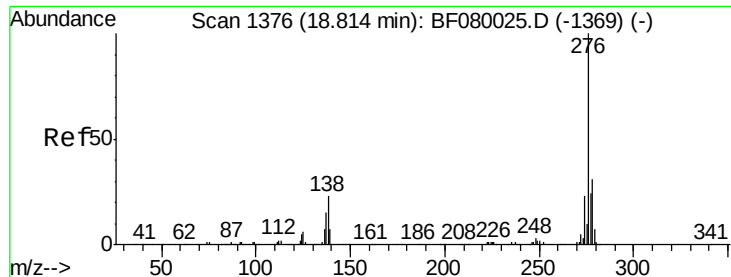
Delta R.T. -0.13 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion:	149	Resp:	378617
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.0	1.6
43	10.3	10.2	15.2





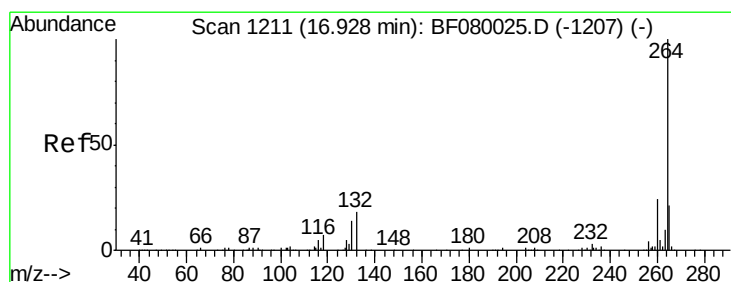
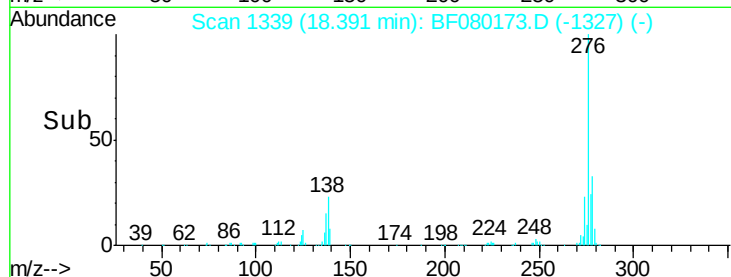
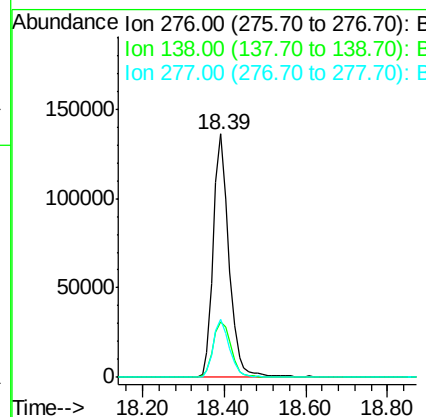
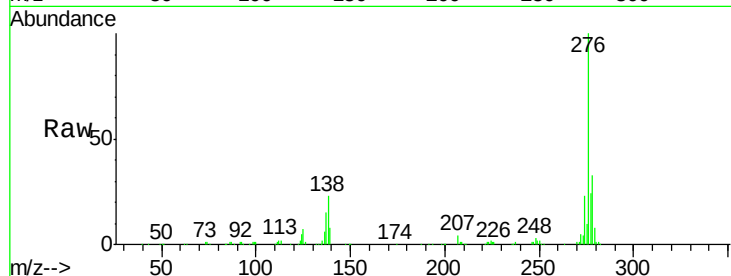
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.78 ng
 RT: 18.39 min Scan# 1339
 Delta R.T. -0.16 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	25.7	38.5
277	24.7	15.6	23.4

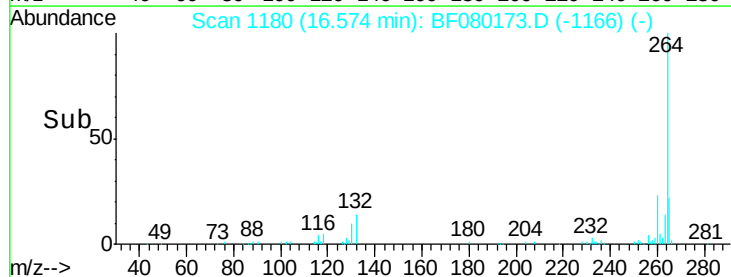
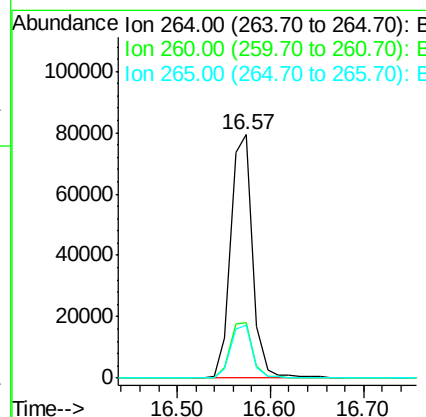
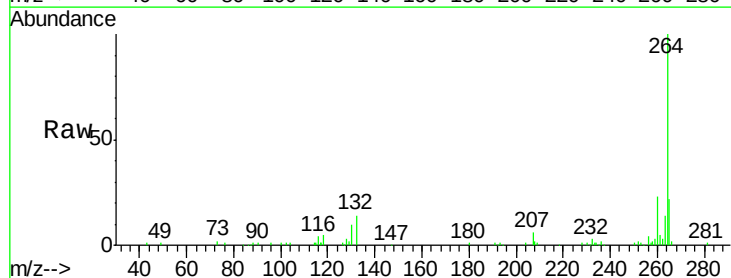
Manual Integrations
 APPROVED

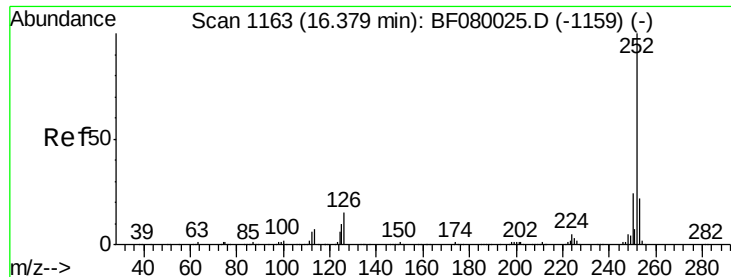
apatel
 6/26/2015 2:05:21 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.57 min Scan# 1180
 Delta R.T. -0.14 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	16.7	25.1
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.33 ng

RT: 16.04 min Scan# 1133

Delta R.T. -0.14 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Instrument :

BNA_F

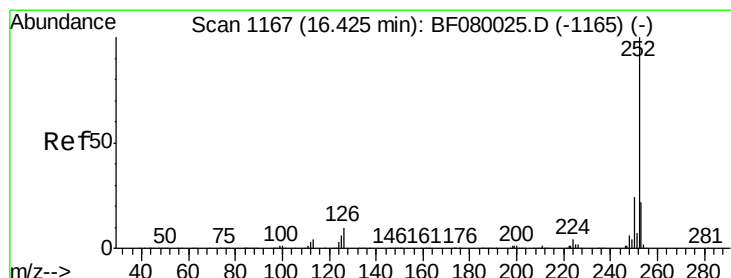
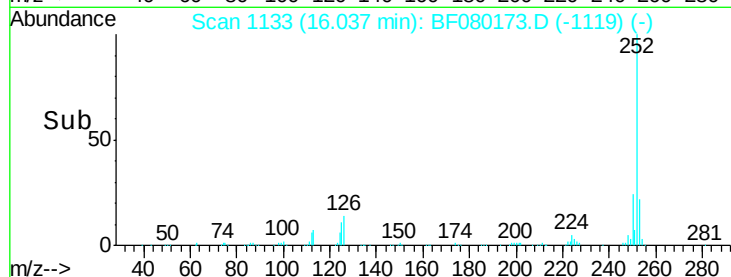
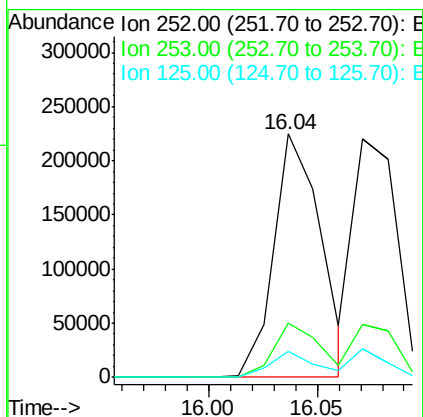
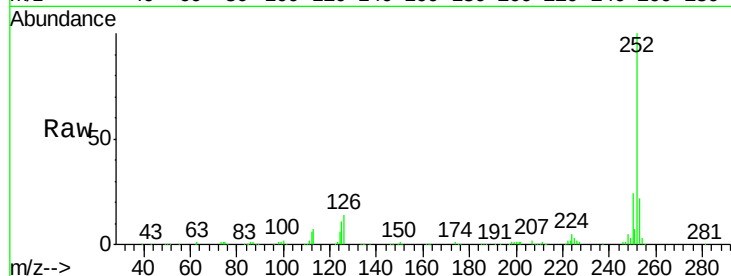
ClientSampleId :

PB84215BS

Tgt Ion:	252	Resp:	341046
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.5	26.3
125	10.9	17.1	25.7#

Manual Integrations
APPROVED

apatel
6/26/2015 2:05:21 PM



#88

Benzo(k)fluoranthene

Concen: 40.24 ng

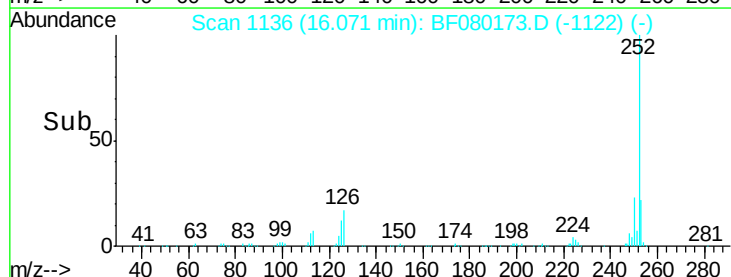
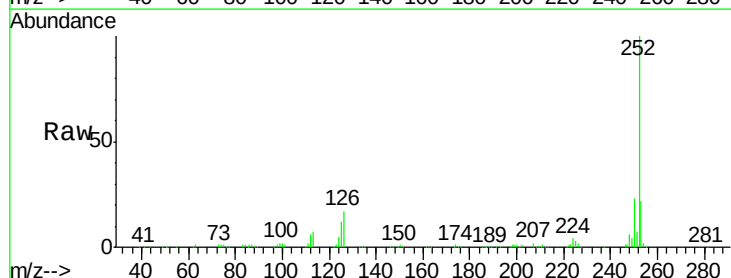
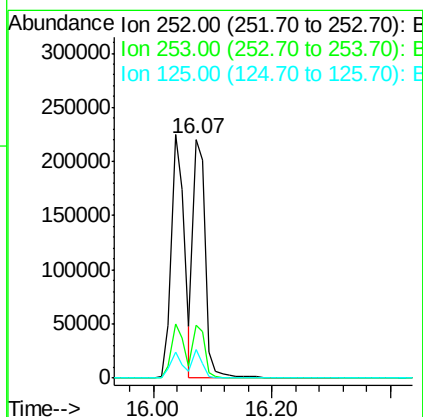
RT: 16.07 min Scan# 1136

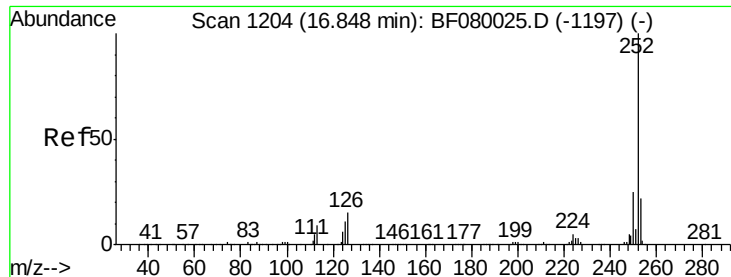
Delta R.T. -0.14 min

Lab File: BF080173.D

Acq: 25 Jun 2015 18:40

Tgt Ion:	252	Resp:	322540
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.0	25.4
125	12.1	16.0	24.0#





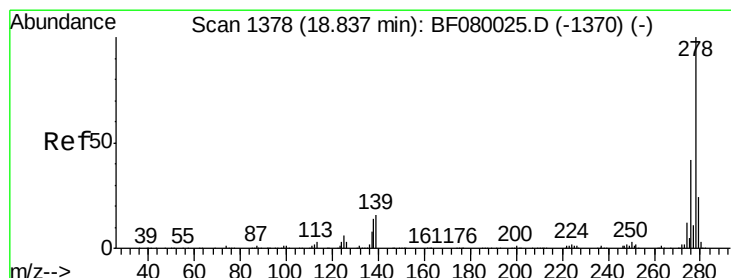
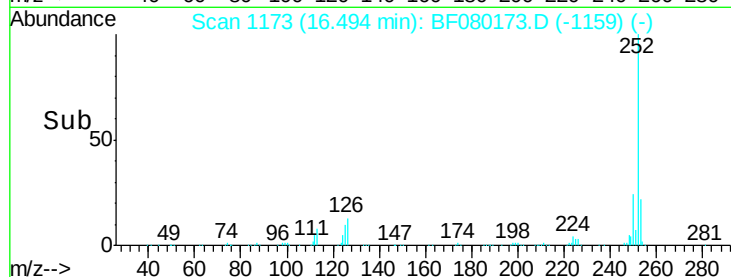
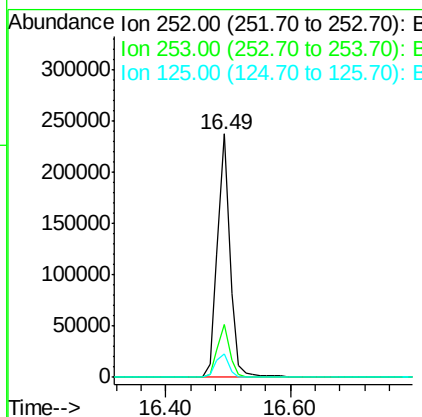
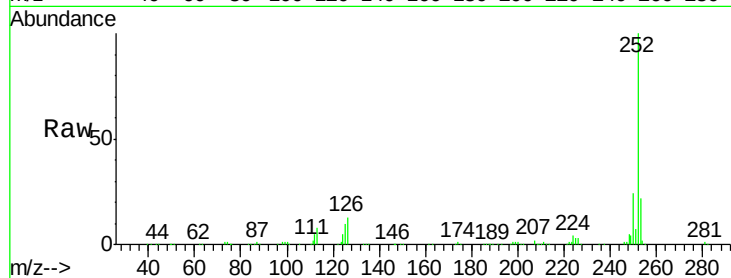
#89
Benzo(a)pyrene
Concen: 44.22 ng
RT: 16.49 min Scan# 1173
Delta R.T. -0.14 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Instrument :
BNA_F
ClientSampleId :
PB84215BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.7	18.0	27.0#

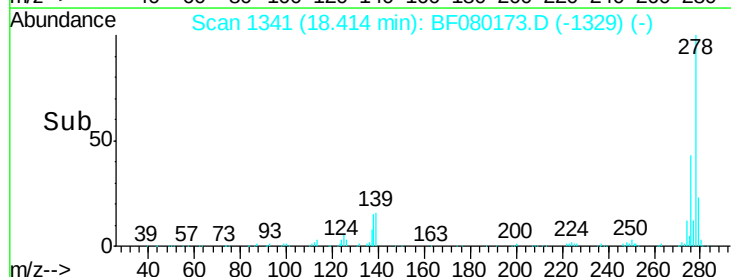
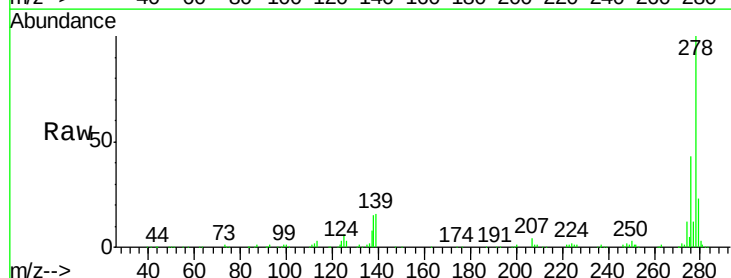
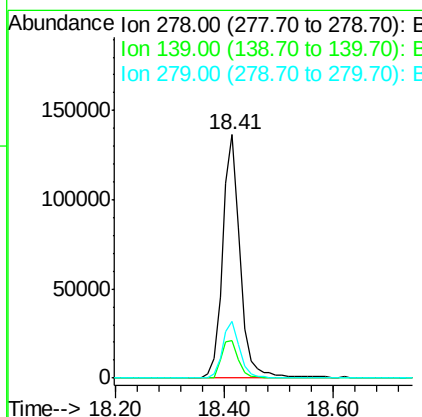
Manual Integrations
APPROVED

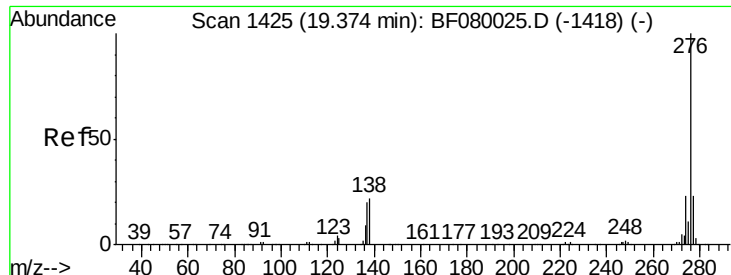
apatel
6/26/2015 2:05:21 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.10 ng
RT: 18.41 min Scan# 1341
Delta R.T. -0.16 min
Lab File: BF080173.D
Acq: 25 Jun 2015 18:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	26.3	39.5#
279	23.4	18.2	27.4





#91
 Benzo(g,h,i)perylene
 Concen: 40.35 ng
 RT: 18.94 min Scan# 1387
 Delta R.T. -0.17 min
 Lab File: BF080173.D
 Acq: 25 Jun 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.4	17.8	26.6
138	21.8	34.6	51.8

Manual Integrations
 APPROVED

apatel
 6/26/2015 2:05:21 PM

