

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080978.D
 Acq On : 13 Aug 2015 13:12
 Operator : UM/IZ
 Sample : PB84980BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:08:28 PM

Quant Time: Aug 14 01:14:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	48868	20.00	ng	-0.06
21) Naphthalene-d8	8.03	136	208502	20.00	ng	-0.07
38) Acenaphthene-d10	9.79	164	95566	20.00	ng	-0.06
63) Phenanthrene-d10	11.27	188	182994	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	186845	20.00	ng	-0.07
86) Perylene-d12	15.28	264	160297	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	300837	100.58	ng	-0.03
7) Phenol-d6	6.38	99	462439	112.83	ng	-0.06
23) Nitrobenzene-d5	7.32	82	295691	67.08	ng	-0.06
41) 2,4,6-Tribromophenol	10.58	330	70766	67.40	ng	-0.06
44) 2-Fluorobiphenyl	9.12	172	570663	84.07	ng	-0.06
78) Terphenyl-d14	12.84	244	487832	53.93	ng	-0.07

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	41979	29.59	ng	# 91
3) Pyridine	3.01	79	127824	31.77	ng	92
4) n-Nitrosodimethylamine	2.96	42	81043	39.46	ng	88
6) Aniline	6.41	93	101678	16.89	ng	# 53
8) 2-Chlorophenol	6.53	128	121234	35.03	ng	92
9) Benzaldehyde	6.29	77	82925	30.02	ng	99
10) Phenol	6.40	94	133555	27.47	ng	# 72
11) bis(2-Chloroethyl)ether	6.49	93	105129	28.95	ng	93
12) 1,3-Dichlorobenzene	6.69	146	120630	32.84	ng	97
13) 1,4-Dichlorobenzene	6.76	146	112318m	29.43	ng	
14) 1,2-Dichlorobenzene	6.92	146	126610	36.70	ng	98
15) Benzyl Alcohol	6.90	79	134480	40.09	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	247929	33.94	ng	100
17) 2-Methylphenol	7.01	107	108565	36.75	ng	# 93
18) Hexachloroethane	7.26	117	48279	33.02	ng	93
19) n-Nitroso-di-n-propylamine	7.17	70	95815	31.98	ng	98
20) 3+4-Methylphenols	7.16	107	120338	32.43	ng	# 81
22) Acetophenone	7.16	105	159995	31.32	ng	# 99
24) Nitrobenzene	7.33	77	134276	29.59	ng	98
25) Isophorone	7.57	82	241230	28.46	ng	# 93
26) 2-Nitrophenol	7.65	139	72082	37.75	ng	98
27) 2,4-Dimethylphenol	7.70	122	143253	40.07	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	162931	32.02	ng	97
29) 2,4-Dichlorophenol	7.89	162	108131	36.81	ng	100
30) 1,2,4-Trichlorobenzene	7.97	180	112828	35.14	ng	# 95
31) Naphthalene	8.05	128	377944	32.89	ng	99
32) Benzoic acid	7.81	122	81962	38.29	ng	91
33) 4-Chloroaniline	8.11	127	57705	12.35	ng	94
34) Hexachlorobutadiene	8.18	225	66186	34.64	ng	97
35) Caprolactam	8.48	113	42755m	40.45	ng	
36) 4-Chloro-3-methylphenol	8.59	107	129577	36.14	ng	97
37) 2-Methylnaphthalene	8.75	142	274828	37.57	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	97156	32.98	ng	# 97
40) Hexachlorocyclopentadiene	8.90	237	130333	81.07	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081315\
 Data File : BF080978.D
 Acq On : 13 Aug 2015 13:12
 Operator : UM/IZ
 Sample : PB84980BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

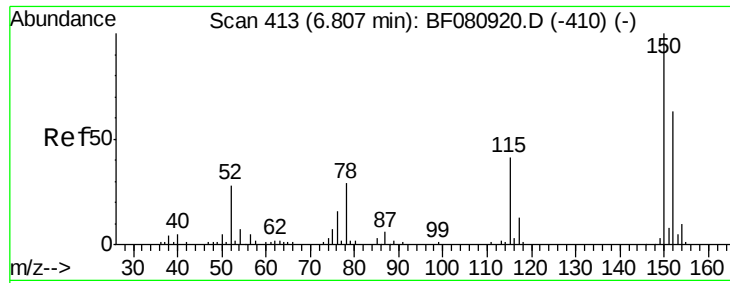
Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:08:28 PM

Quant Time: Aug 14 01:14:43 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	79086	36.63	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	75556	34.72	nq	# 74
45) 1,1'-Biphenyl	9.21	154	293644	35.80	nq	96
46) 2-Chloronaphthalene	9.23	162	218771	34.21	nq	93
47) 2-Nitroaniline	9.33	65	107215	41.82	nq	86
48) Acenaphthylene	9.64	152	391378	35.21	nq	99
49) Dimethylphthalate	9.52	163	259383	32.67	nq	99
50) 2,6-Dinitrotoluene	9.57	165	54840	33.44	nq	95
51) Acenaphthene	9.81	154	270951	39.80	nq	100
52) 3-Nitroaniline	9.73	138	32163	15.91	nq	85
53) 2,4-Dinitrophenol	9.85	184	69208	70.27	nq	93
54) Dibenzofuran	10.00	168	296177	32.17	nq	95
55) 4-Nitrophenol	9.90	139	92048	60.82	nq	# 47
56) 2,4-Dinitrotoluene	9.97	165	68511	31.22	nq	94
57) Fluorene	10.33	166	196295	27.56	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	54293m	31.53	nq	
59) Diethylphthalate	10.21	149	234229	28.35	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	104690	30.17	nq	93
61) 4-Nitroaniline	10.35	138	50031	24.05	nq	88
62) Azobenzene	10.49	77	285909	30.94	nq	97
64) 4,6-Dinitro-2-methylphenol	10.38	198	34886	30.76	nq	# 75
65) n-Nitrosodiphenylamine	10.44	169	175504	27.60	nq	97
66) 4-Bromophenyl-phenylether	10.82	248	45734	23.60	nq	# 83
67) Hexachlorobenzene	10.88	284	55913	25.95	nq	# 68
68) Atrazine	10.98	200	63062	33.83	nq	98
69) Pentachlorophenol	11.07	266	66230	52.86	nq	98
70) Phenanthrene	11.29	178	337221	32.54	nq	99
71) Anthracene	11.33	178	315006	30.71	nq	99
72) Carbazole	11.49	167	296766	29.71	nq	# 97
73) Di-n-butylphthalate	11.84	149	375576	30.07	nq	98
74) Fluoranthene	12.47	202	393526	35.13	nq	98
76) Benzidine	12.59	184	163947	16.97	nq	97
77) Pyrene	12.69	202	385062	27.90	nq	99
79) Butylbenzylphthalate	13.32	149	171365	25.75	nq	# 68
80) Benzo(a)anthracene	13.88	228	419463	35.54	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	66394	15.47	nq	99
82) Chrysene	13.92	228	404398	35.78	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	265664	28.69	nq	# 94
84) Di-n-octyl phthalate	14.50	149	473790	30.18	nq	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	203566	18.93	nq	99
87) Benzo(b)fluoranthene	14.89	252	379379m	34.04	nq	
88) Benzo(k)fluoranthene	14.91	252	330243m	33.87	nq	
89) Benzo(a)pyrene	15.22	252	352295	36.77	nq	# 98
90) Dibenzo(a,h)anthracene	16.60	278	171294	20.22	nq	97
91) Benzo(g,h,i)perylene	16.98	276	159827	19.39	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

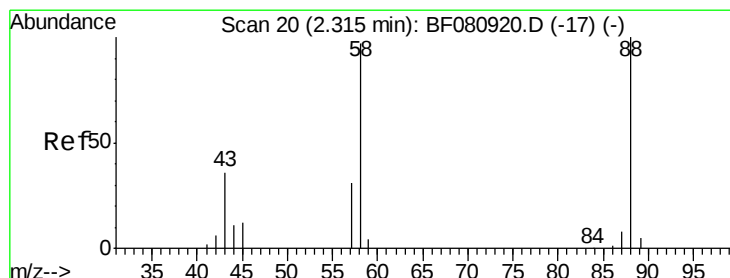
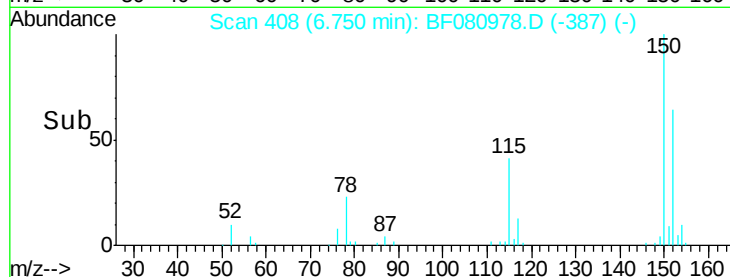
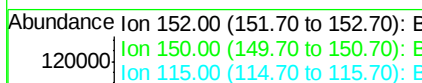
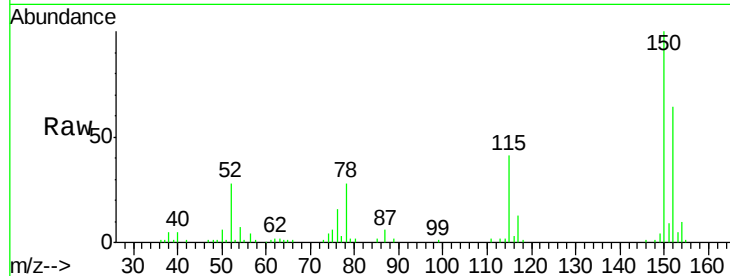
ClientSampleId :

PB84980BS

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM

Tot Ion:	152	Resp:	48868
Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.4	191.2
115	64.0	52.6	78.8



#2

1,4-Dioxane

Concen: 29.59 ng

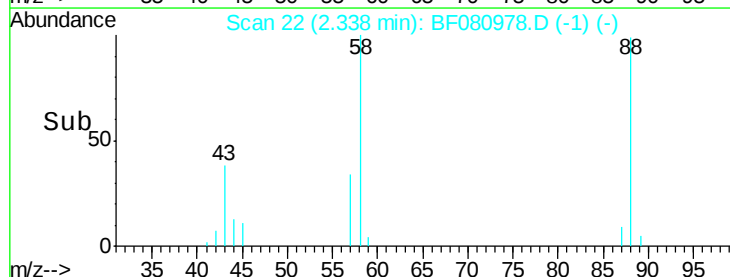
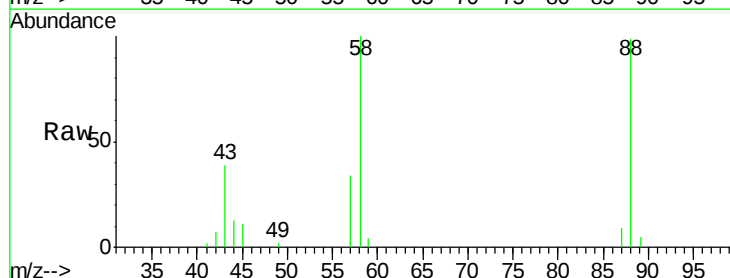
RT: 2.34 min Scan# 22

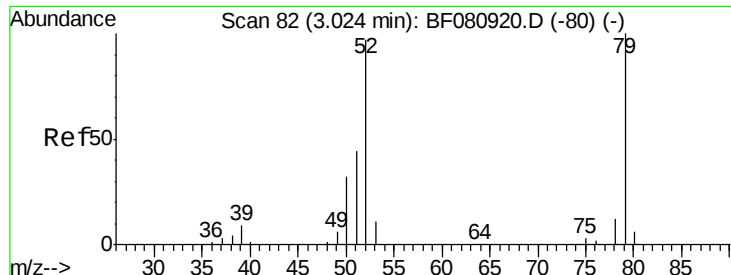
Delta R.T. 0.02 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion:	88	Resp:	41979
Ion	Ratio	Lower	Upper
88	100		
58	105.2	79.3	118.9
43	46.1	28.3	42.5





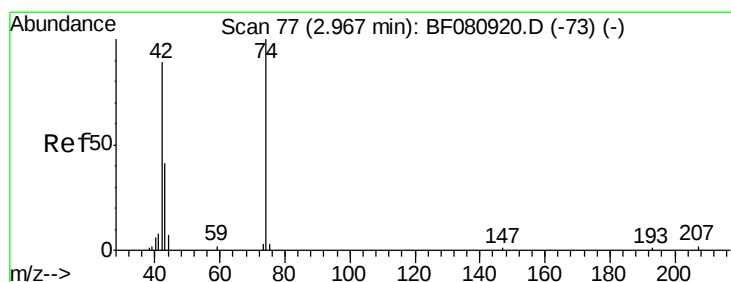
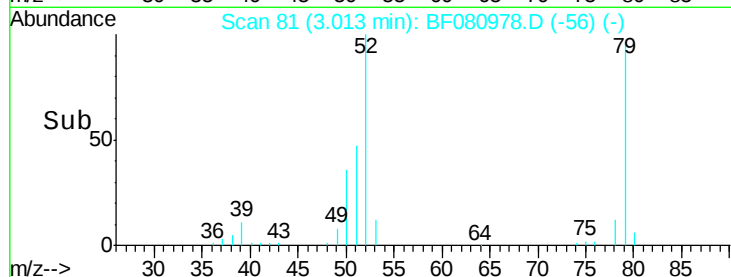
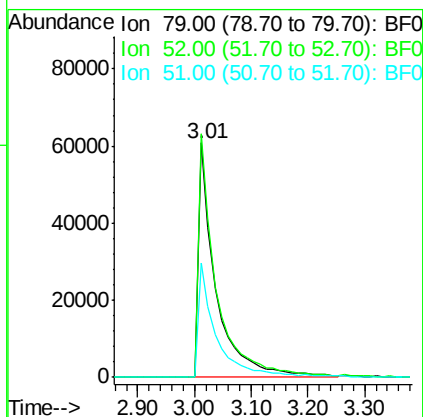
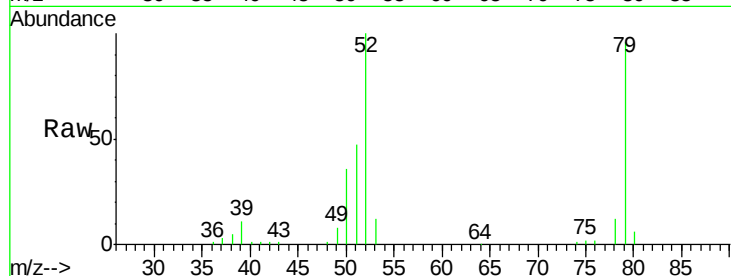
#3
 Pvridine
 Concen: 31.77 ng
 RT: 3.01 min Scan# 81
 Delta R.T. -0.01 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	103.9	77.2	115.8		
51	48.8	35.0	52.4		

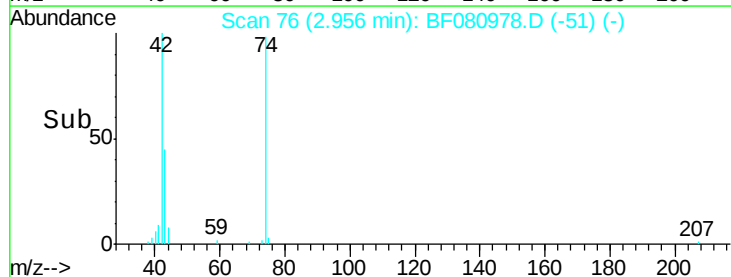
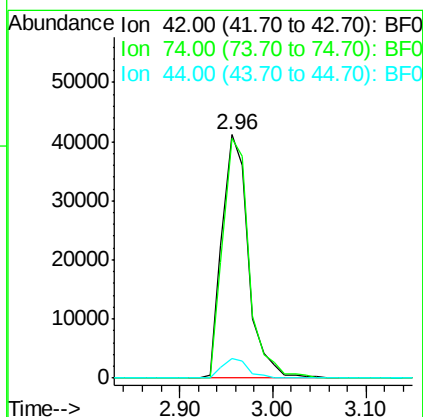
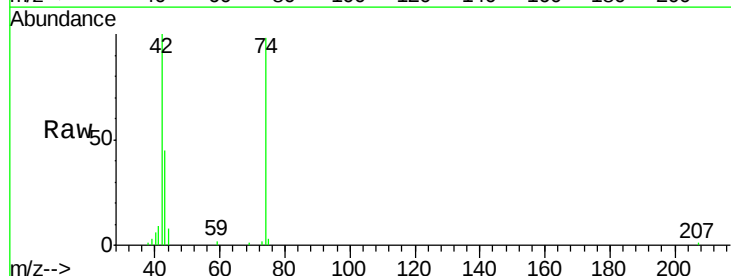
Manual Integrations
 APPROVED

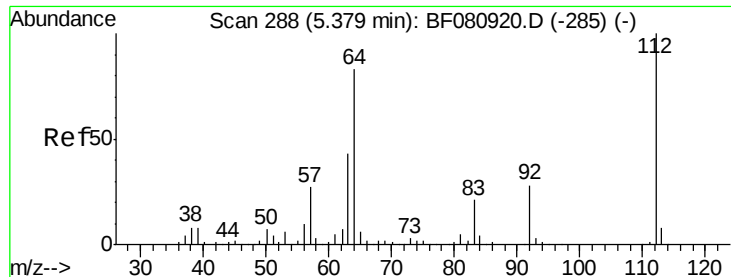
MMDadoda
 8/14/2015 3:08:28 PM



#4
 n-Nitrosodimethylamine
 Concen: 39.46 ng
 RT: 2.96 min Scan# 76
 Delta R.T. -0.01 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	98.4	89.8	134.8		
44	8.0	6.5	9.7		





#5

2-Fluorophenol

Concen: 100.58 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.03 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

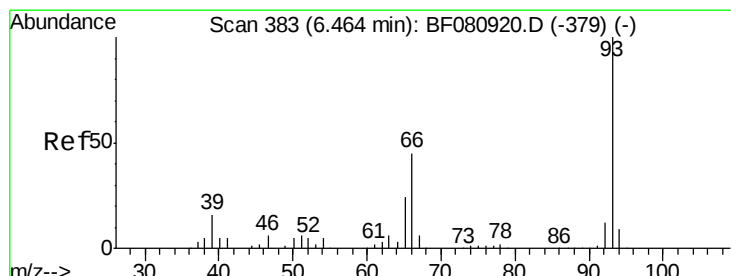
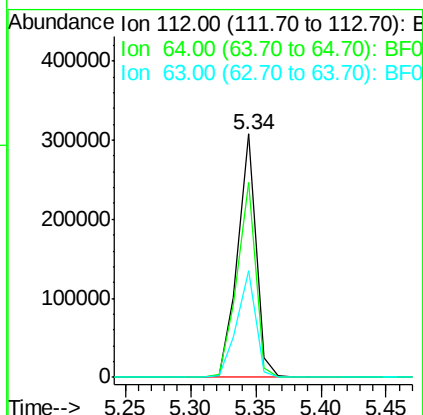
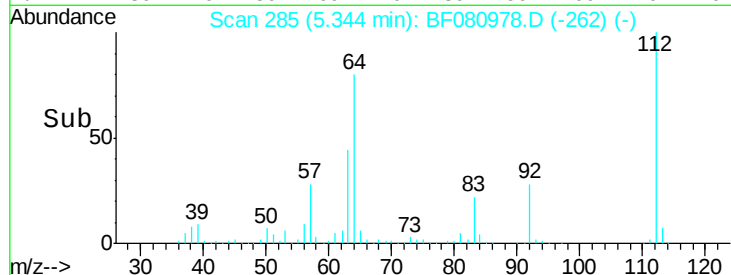
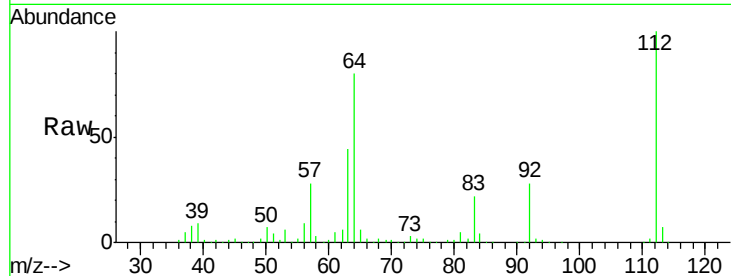
ClientSampleId :

PB84980BS

Tot Ion:	112	Resp:	300837
Ion Ratio	Lower	Upper	
112	100		
64	80.3	66.1	99.1
63	43.8	34.6	52.0

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#6

Aniline

Concen: 16.89 ng

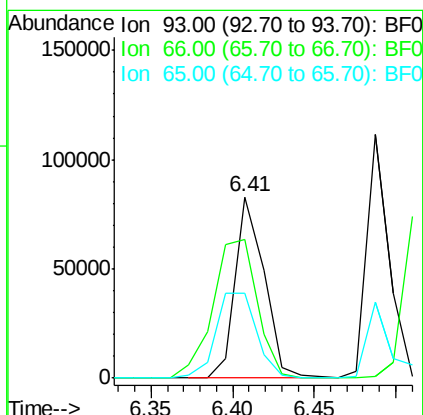
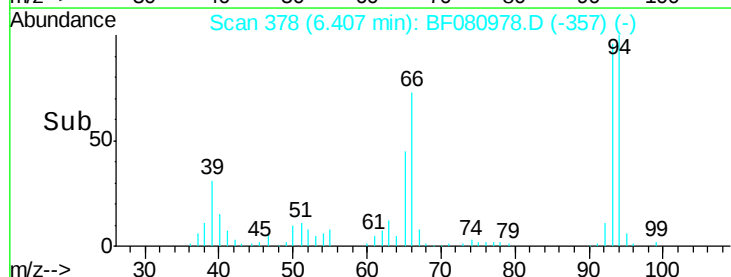
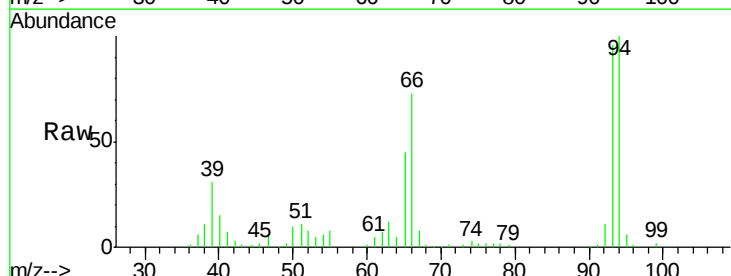
RT: 6.41 min Scan# 378

Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion:	93	Resp:	101678
Ion Ratio	Lower	Upper	
93	100		
66	76.3	36.2	54.4#
65	47.1	19.0	28.4#





#7

Phenol-d6

Concen: 112.83 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

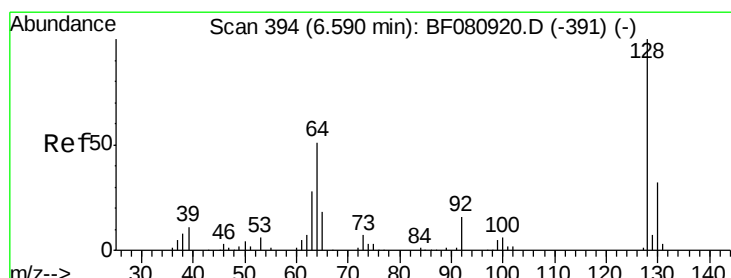
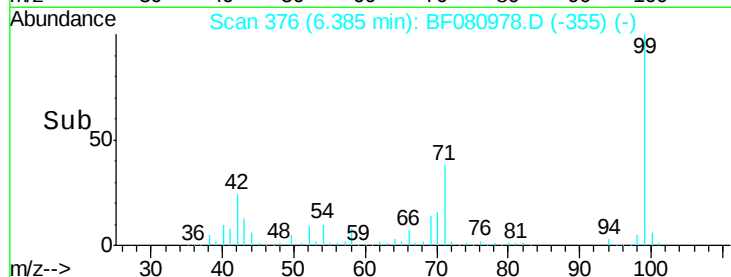
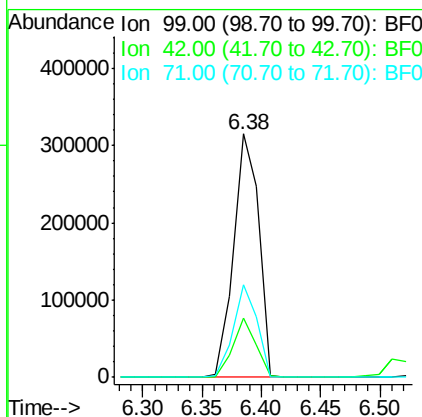
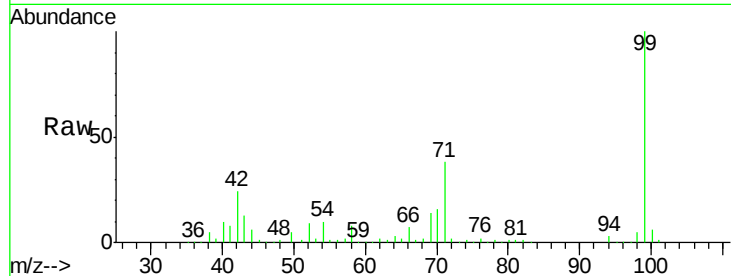
ClientSampleId :

PB84980BS

Tot Ion:	99	Resp:	462439
Ion Ratio	Lower	Upper	
99	100		
42	24.4	14.4	21.6#
71	38.0	25.8	38.8

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#8

2-Chlorophenol

Concen: 35.03 ng

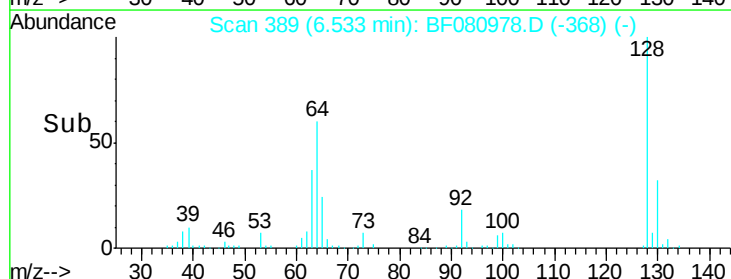
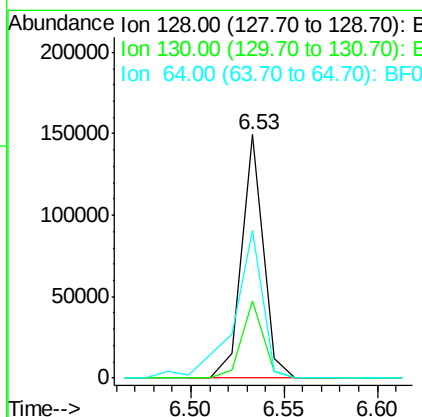
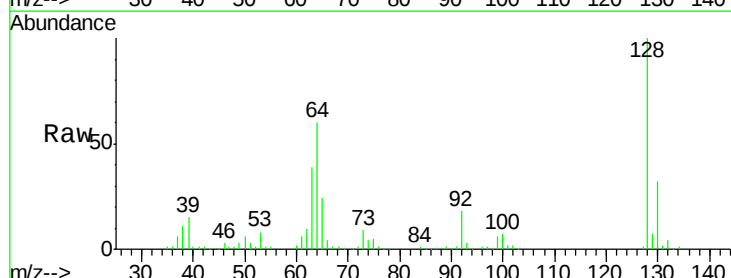
RT: 6.53 min Scan# 389

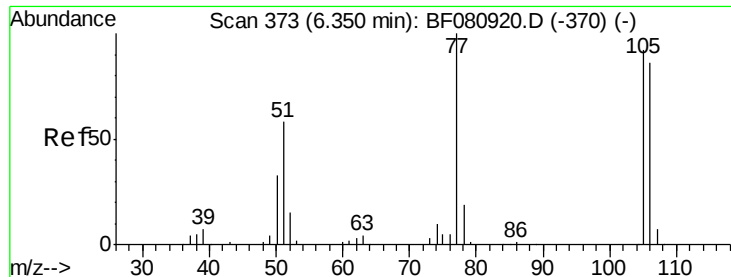
Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion:	128	Resp:	121234
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.4	52.4
64	60.4	32.1	72.1





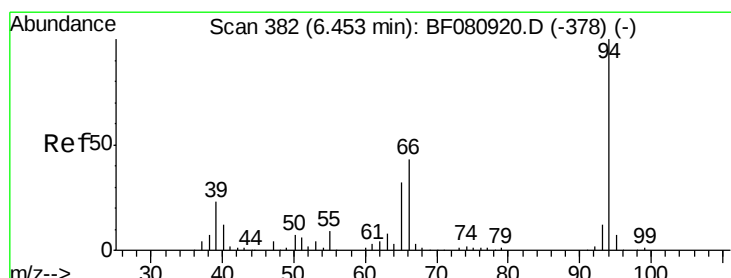
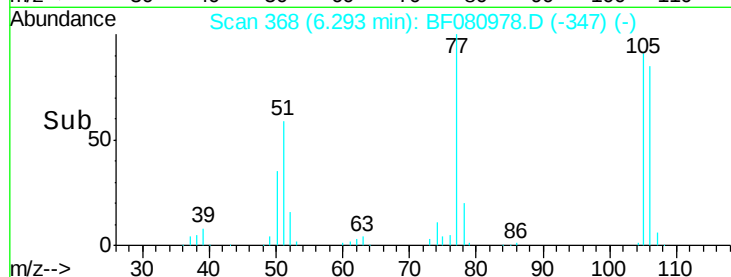
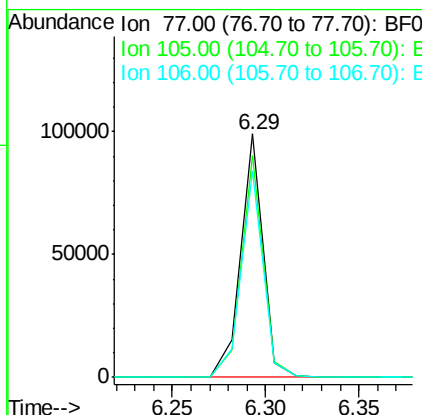
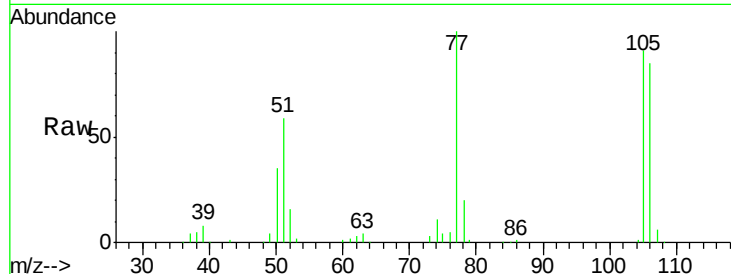
#9
Benzaldehyde
Concen: 30.02 ng
RT: 6.29 min Scan# 368
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	91.0	71.6	111.6
106	84.9	65.7	105.7

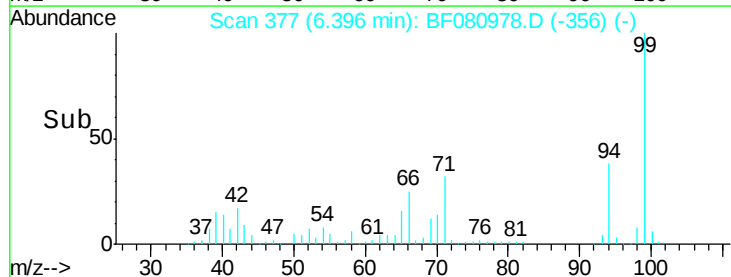
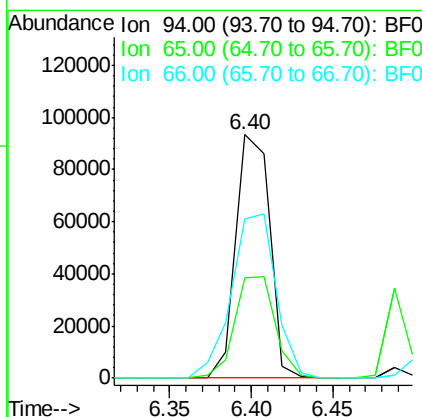
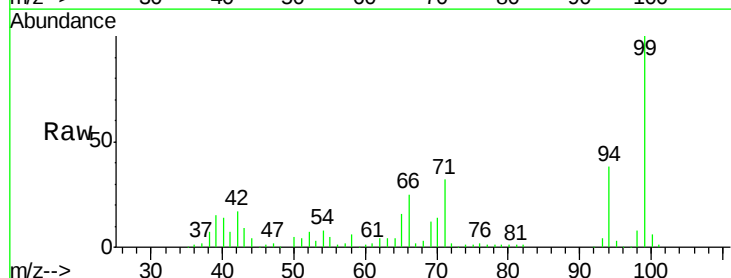
Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#10
Phenol
Concen: 27.47 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.3	11.8	51.8
66	65.6	22.9	62.9





#11

bis(2-Chloroethyl)ether

Concen: 28.95 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

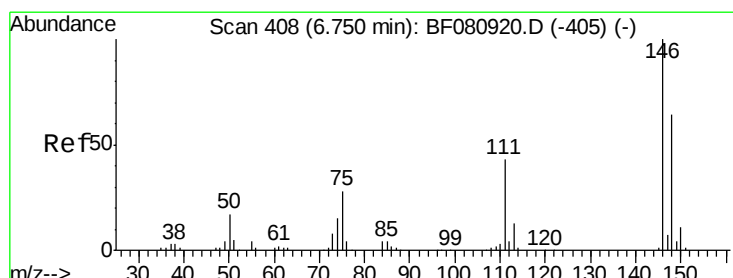
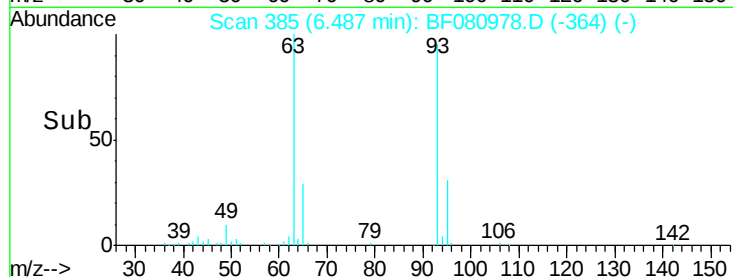
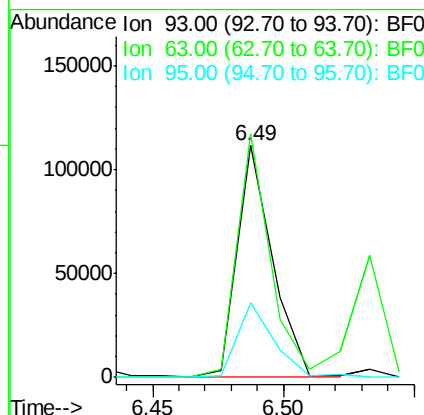
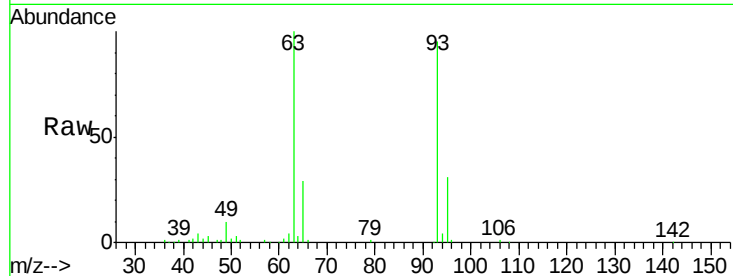
ClientSampleId :

PB84980BS

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM

Tot Ion:	93	Resp:	105129
Ion	Ratio	Lower	Upper
93	100		
63	105.2	76.7	116.7
95	32.2	12.3	52.3



#12

1,3-Dichlorobenzene

Concen: 32.84 ng

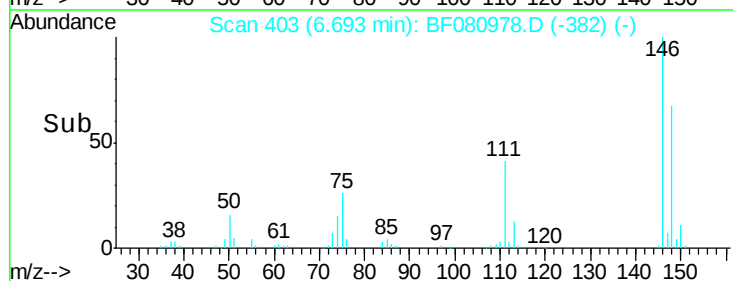
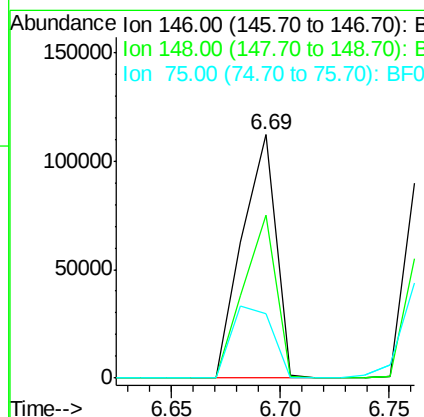
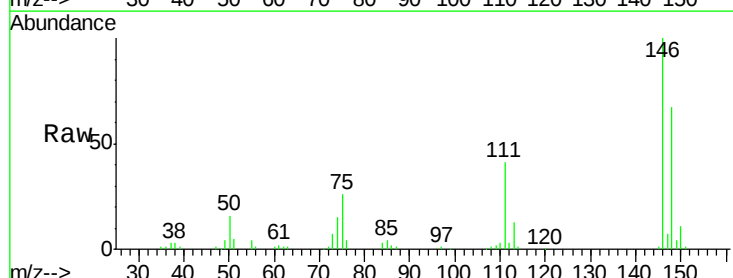
RT: 6.69 min Scan# 403

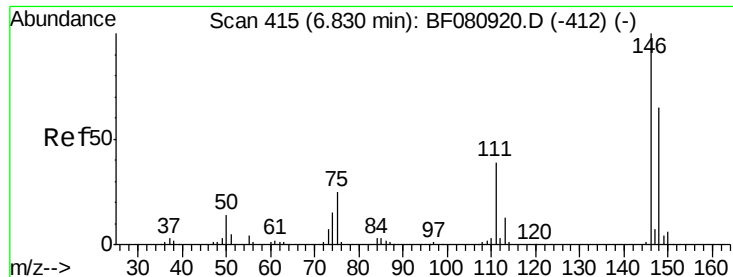
Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion:	146	Resp:	120630
Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.4	77.0
75	26.4	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 29.43 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

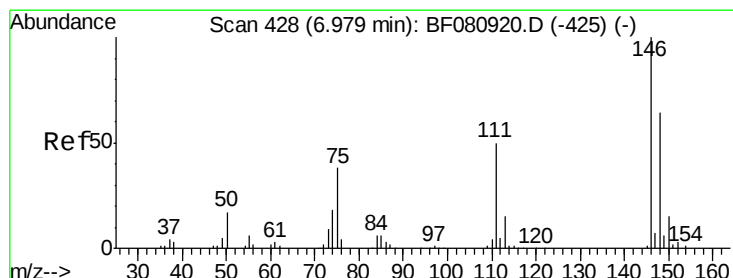
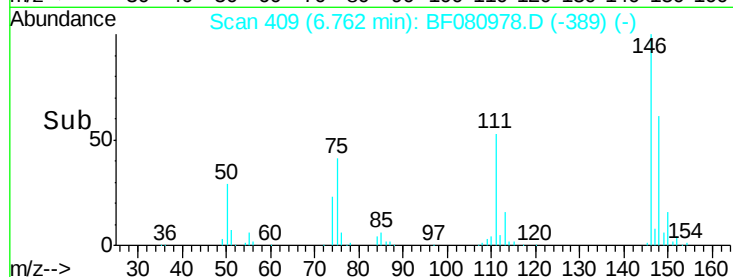
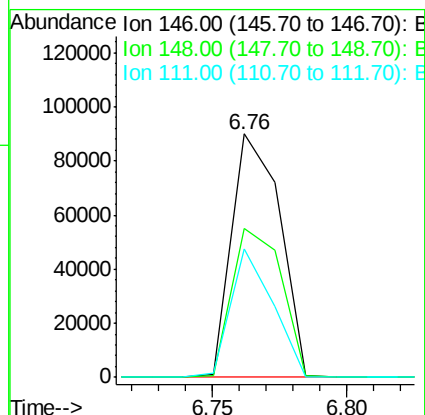
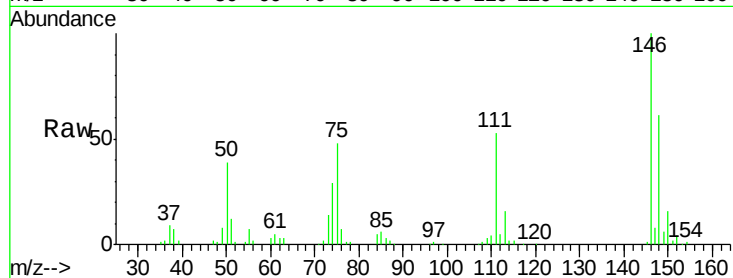
ClientSampleId :

PB84980BS

Tot Ion:	146	Resp:	112318
Ion Ratio	Lower	Upper	
146	100		
148	61.1	52.2	78.4
111	52.6	31.5	47.3

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#14

1,2-Dichlorobenzene

Concen: 36.70 ng

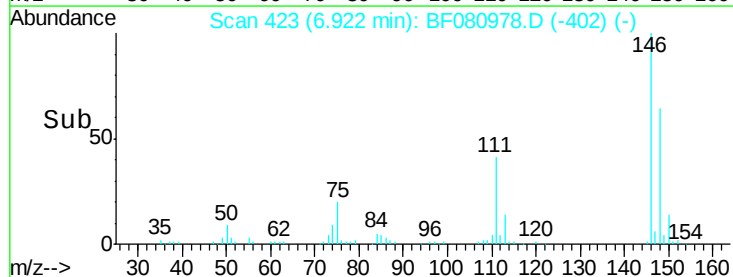
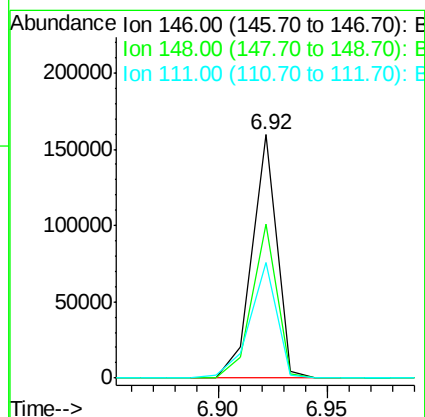
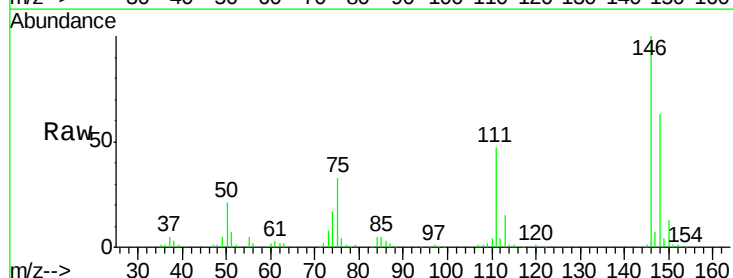
RT: 6.92 min Scan# 423

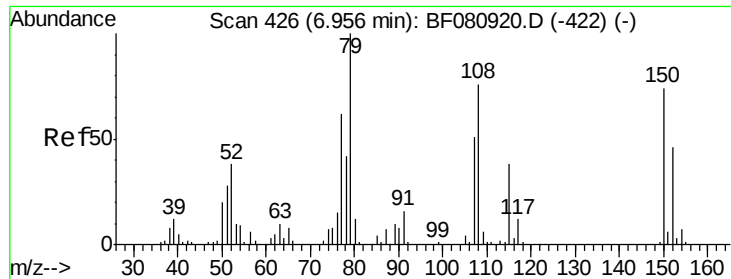
Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion:	146	Resp:	126610
Ion Ratio	Lower	Upper	
146	100		
148	63.0	51.1	76.7
111	47.4	40.0	60.0





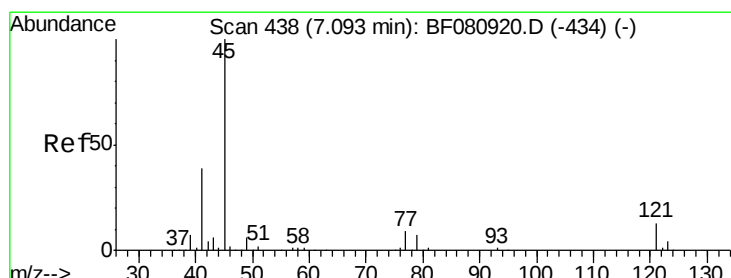
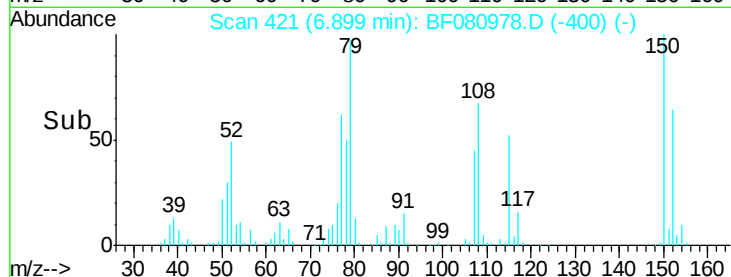
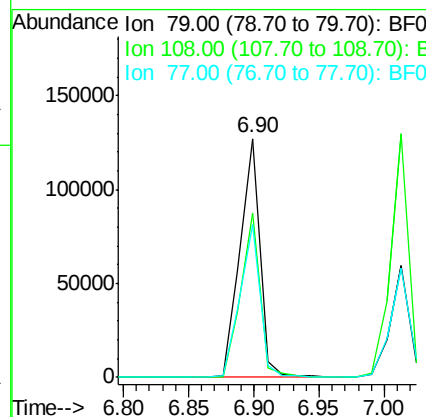
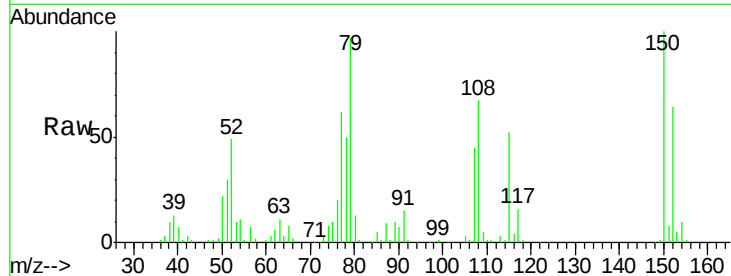
#15
Benzyl Alcohol
Concen: 40.09 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.9	60.9	91.3
77	64.1	49.4	74.0

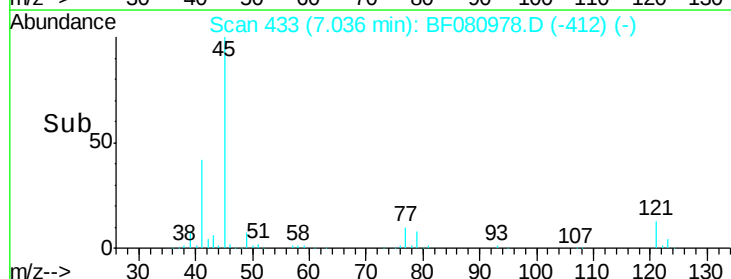
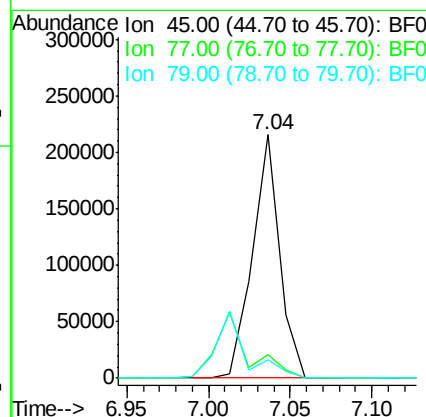
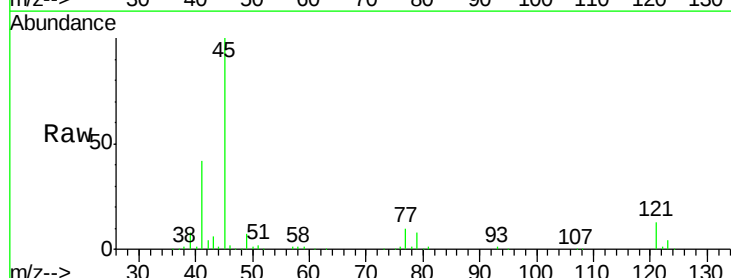
Manual Integrations
APPROVED

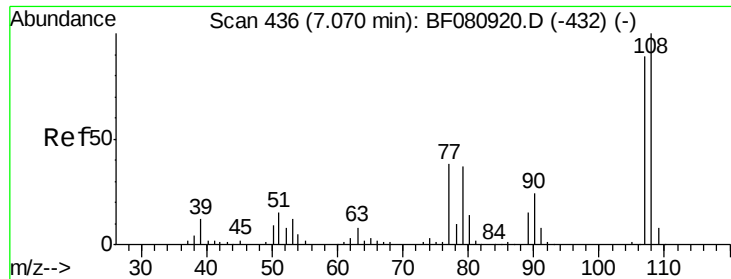
MMDadoda
8/14/2015 3:08:28 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.94 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.7	0.0	29.6
79	7.6	0.0	27.7





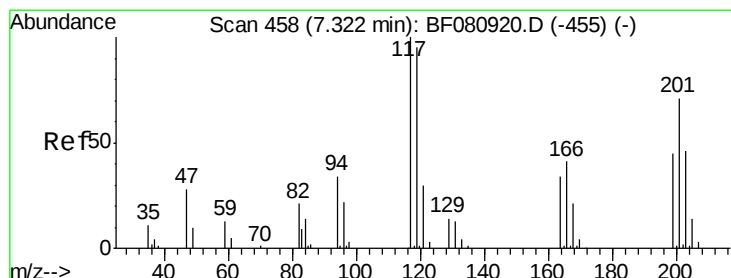
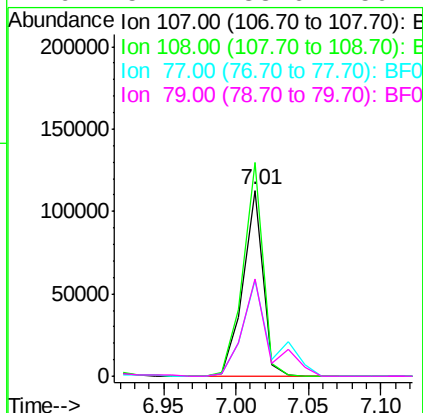
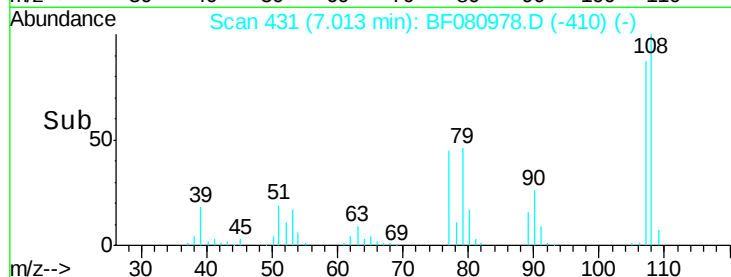
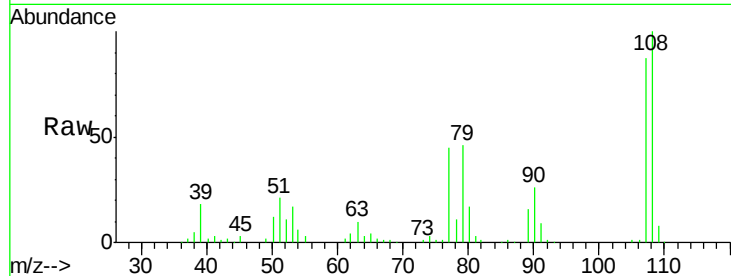
#17
2-Methylphenol
Concen: 36.75 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	90.3	135.5	
77	51.6	34.6	51.8	
79	52.4	33.6	50.4	

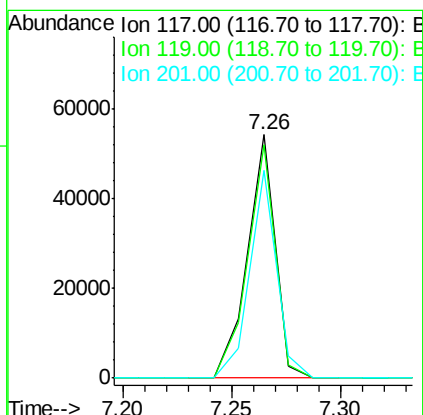
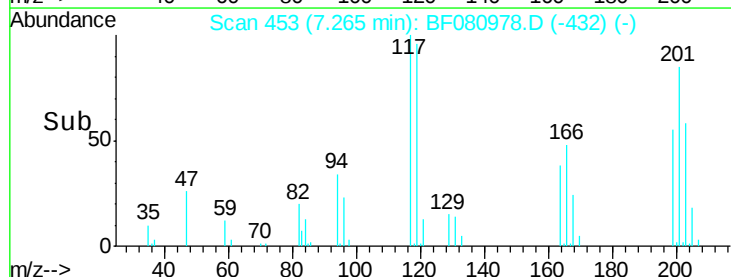
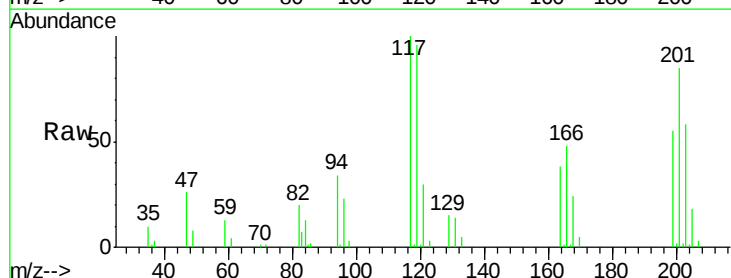
Manual Integrations
APPROVED

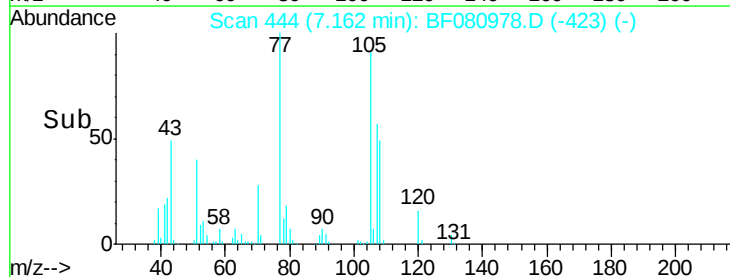
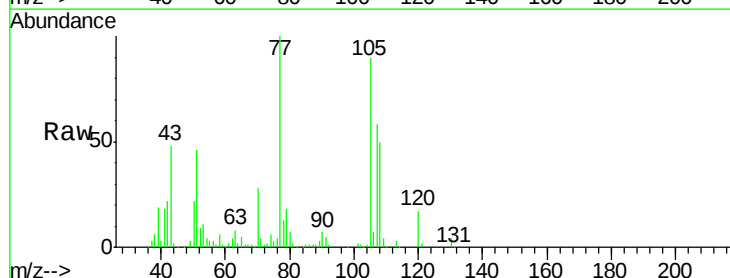
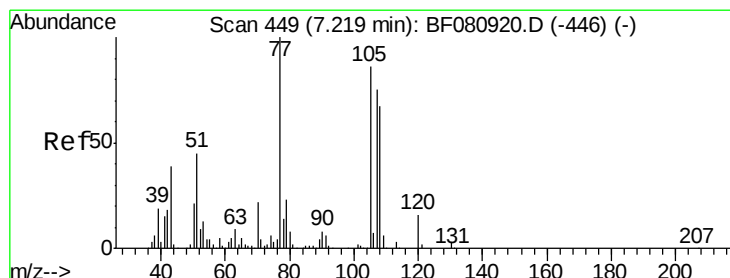
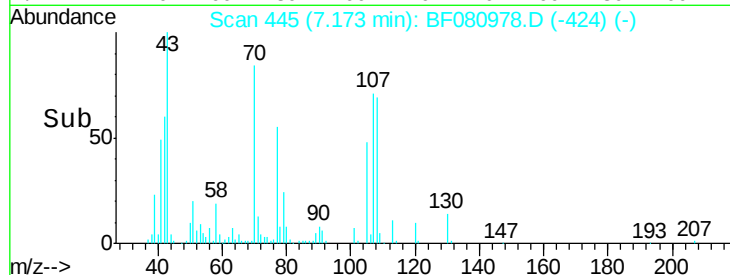
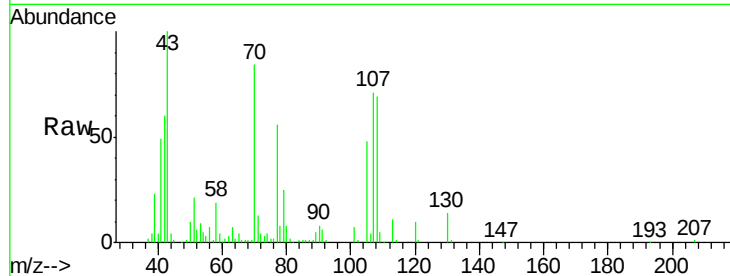
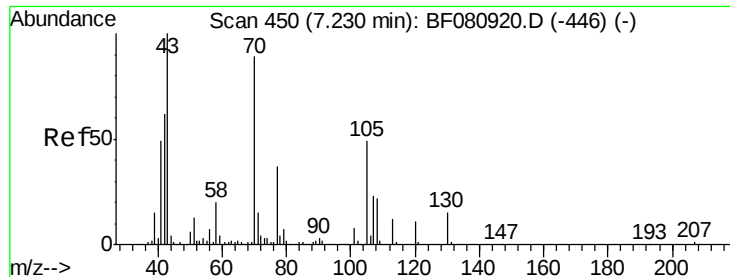
MMDadoda
8/14/2015 3:08:28 PM



#18
Hexachloroethane
Concen: 33.02 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	76.3	114.5	
201	85.4	57.0	85.6	





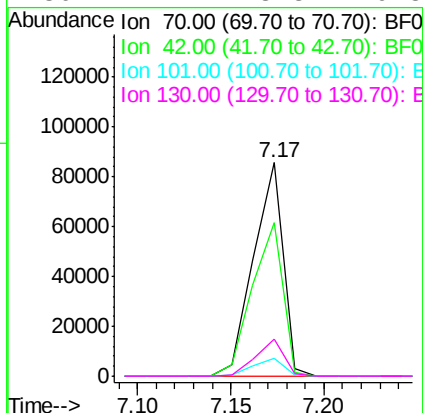
#19
n-Nitroso-di-n-propylamine
Concen: 31.98 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.0	55.7	83.5	
101	8.7	7.0	10.6	
130	17.2	13.8	20.8	

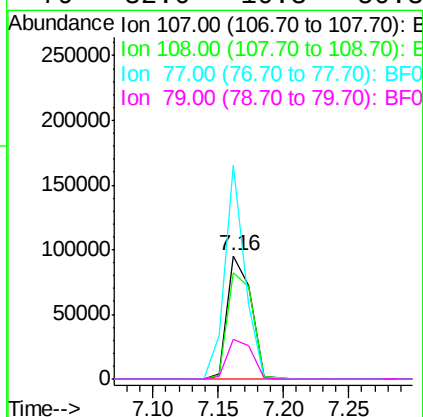
Manual Integrations
APPROVED

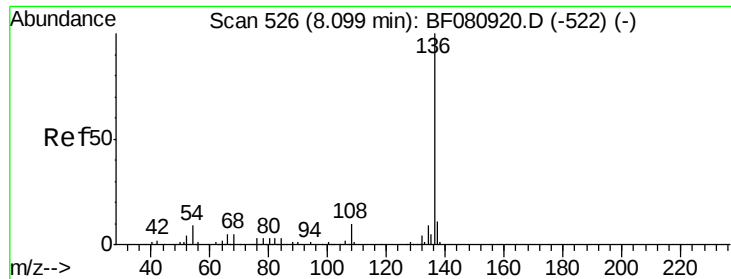
MMDadoda
8/14/2015 3:08:28 PM



#20
3+4-Methylphenols
Concen: 32.43 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	69.2	109.2	
77	173.2	113.0	153.0	
79	32.0	10.3	50.3	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

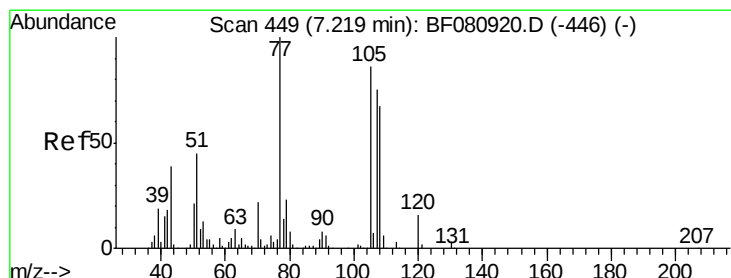
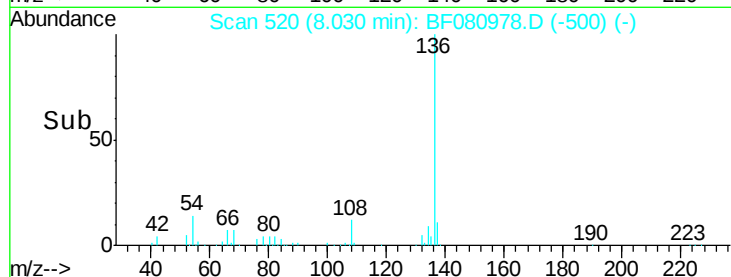
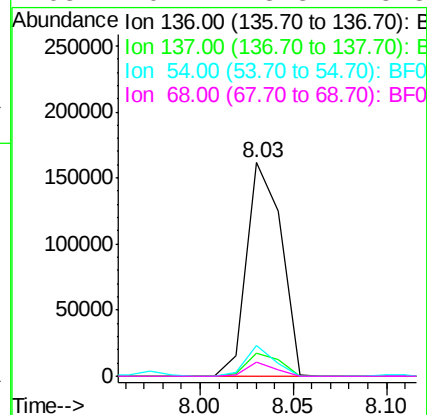
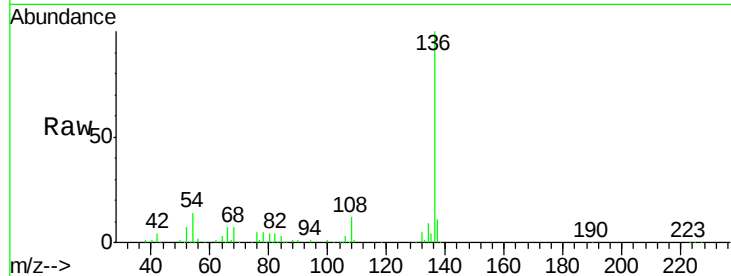
ClientSampleId :

PB84980BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	208502		
137	11.1	8.5	12.7	
54	14.2	7.1	10.7	
68	6.7	3.8	5.8	

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#22

Acetophenone

Concen: 31.32 ng

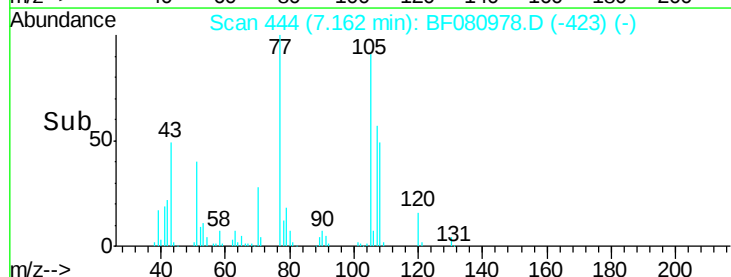
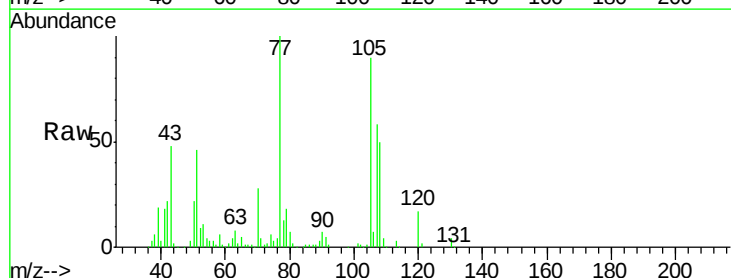
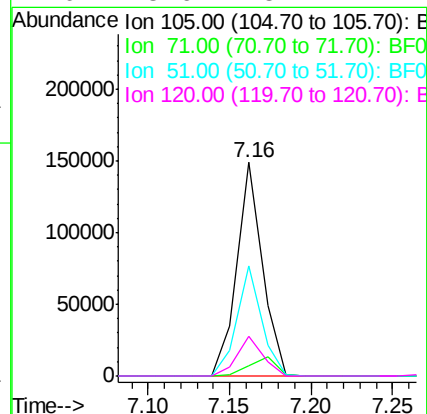
RT: 7.16 min Scan# 444

Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	159995		
71	4.9	3.3	4.9	
51	51.5	41.8	62.6	
120	18.6	15.1	22.7	





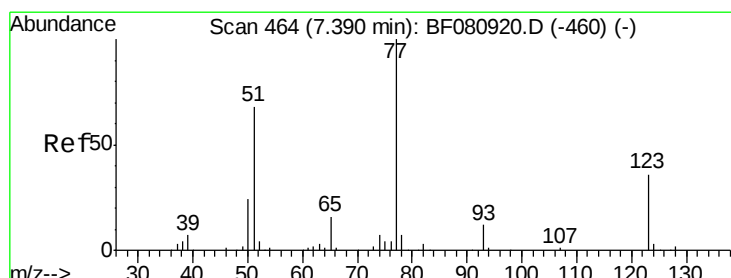
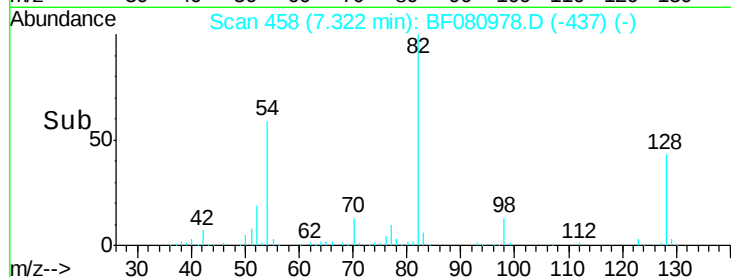
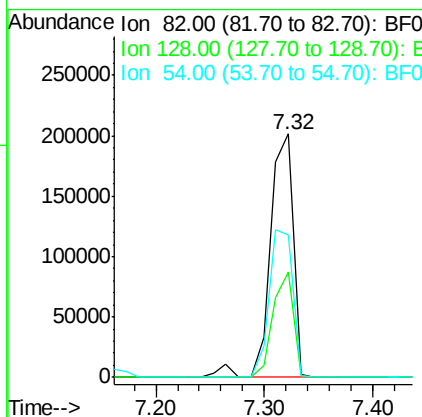
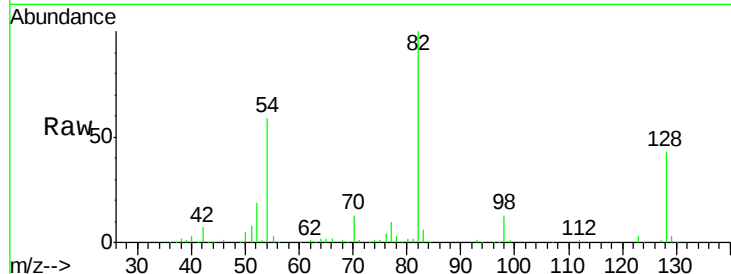
#23
 Nitrobenzene-d5
 Concen: 67.08 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	295691		
128	43.2	34.1	51.1	
54	58.6	46.5	69.7	

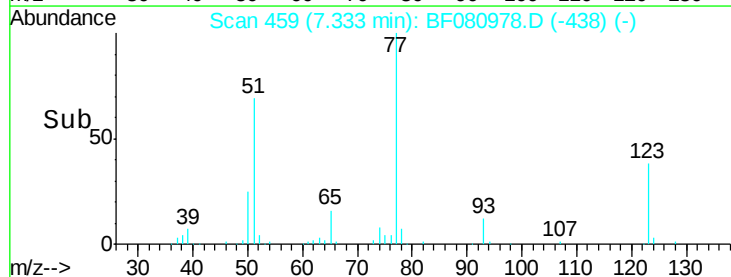
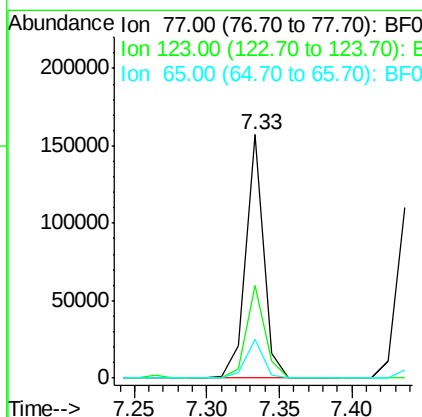
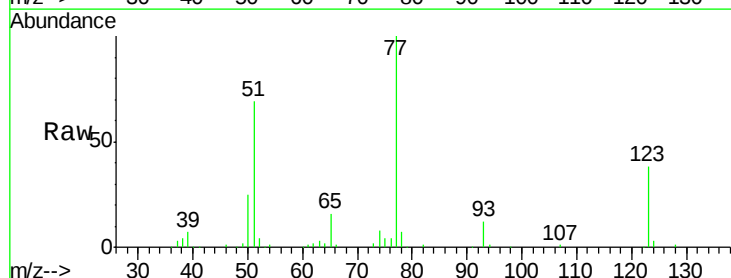
Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:08:28 PM



#24
 Nitrobenzene
 Concen: 29.59 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	134276		
123	37.8	28.7	43.1	
65	15.8	12.5	18.7	





#25

Isophorone

Concen: 28.46 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

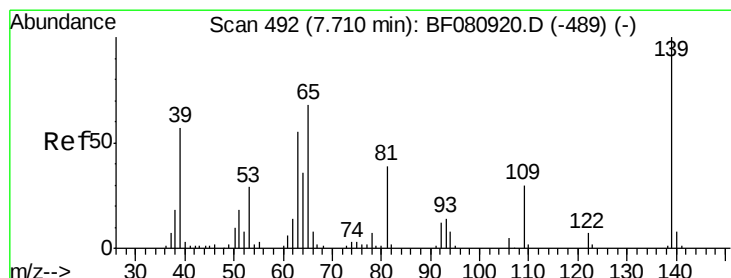
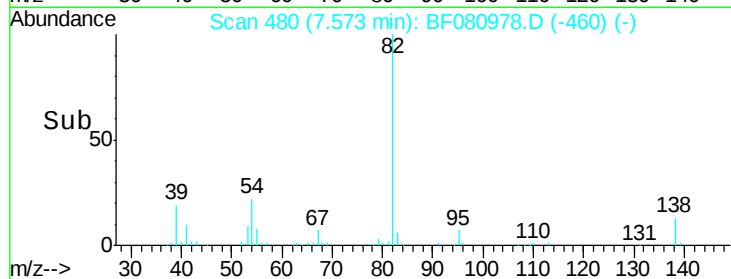
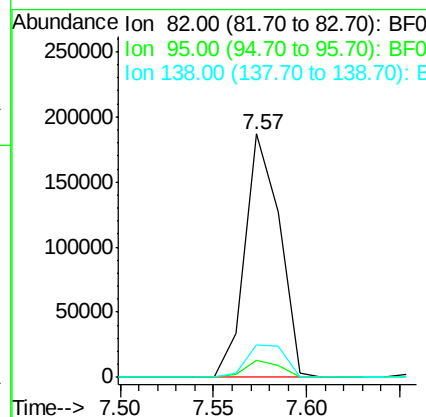
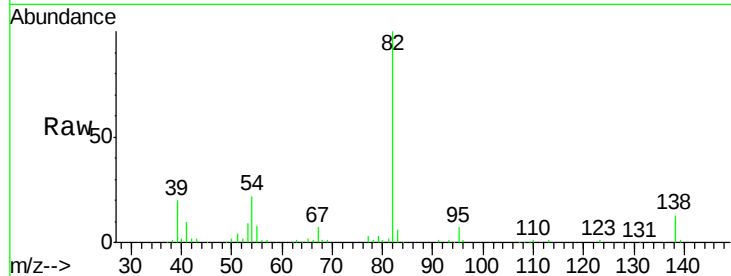
ClientSampleId :

PB84980BS

Tot Ion:	82	Resp:	241230
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.8	8.6
138	13.2	14.1	21.1#

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#26

2-Nitrophenol

Concen: 37.75 ng

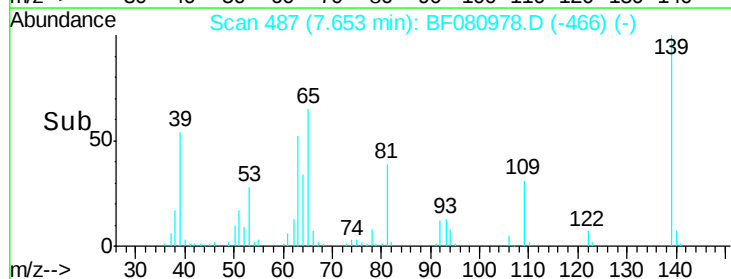
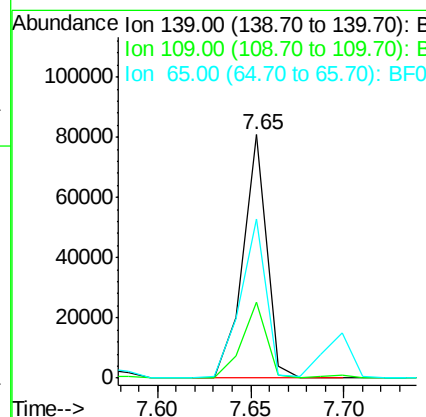
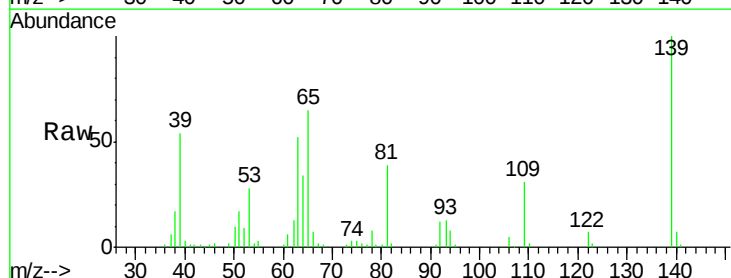
RT: 7.65 min Scan# 487

Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion:	139	Resp:	72082
Ion Ratio		Lower	Upper
139	100		
109	31.0	24.1	36.1
65	65.3	54.0	81.0





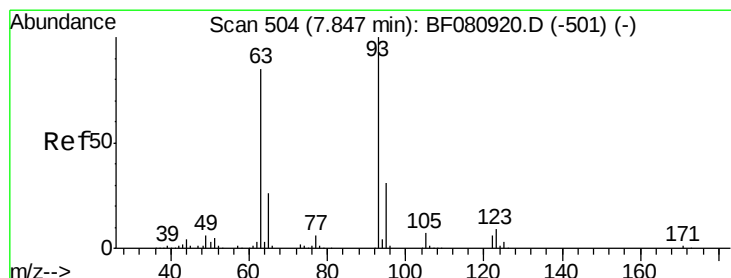
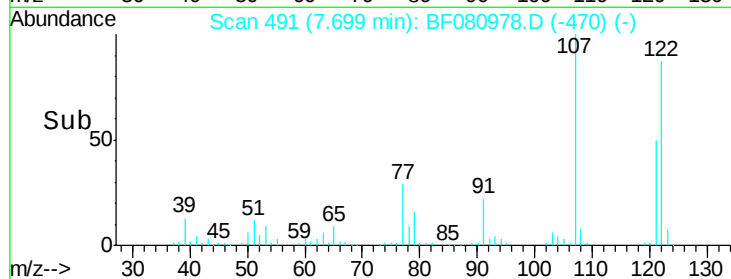
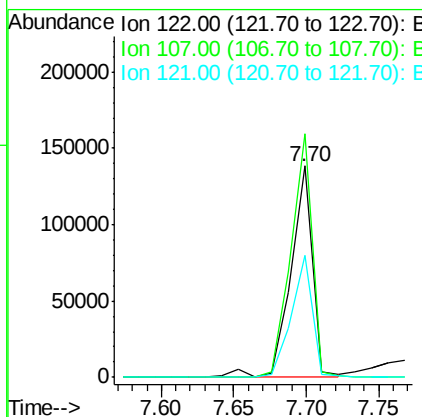
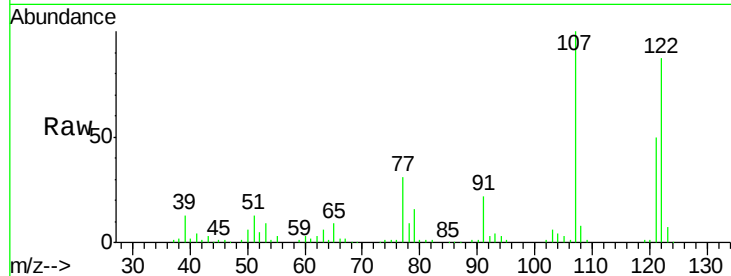
#27
 2,4-Dimethylphenol
 Concen: 40.07 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	115.2	90.2	143253	135.4	
121	57.4	46.0		69.0	

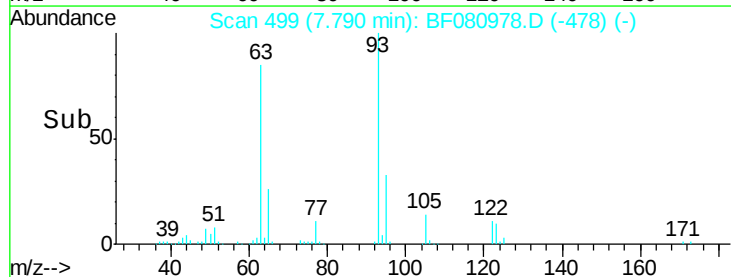
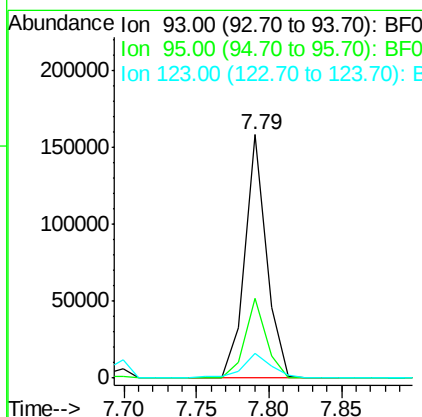
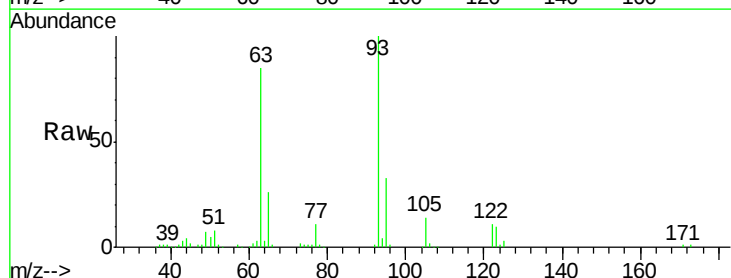
Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:08:28 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.02 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.9	25.0	162931	37.4	
123	10.1	7.4		11.0	





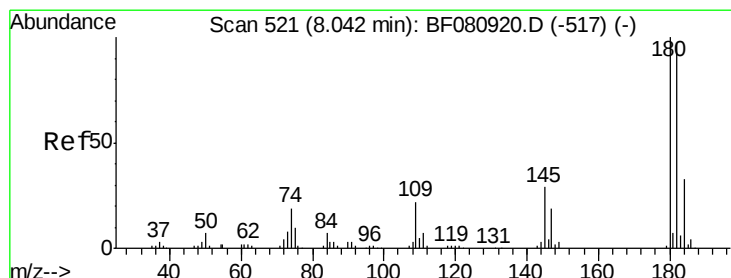
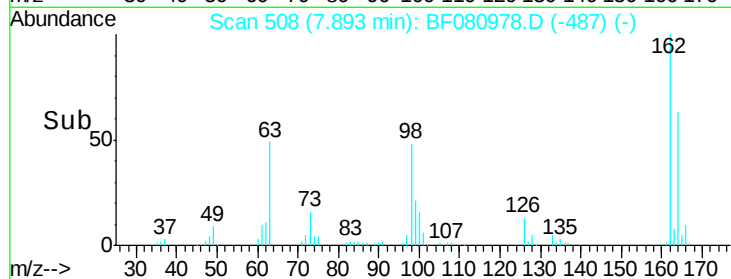
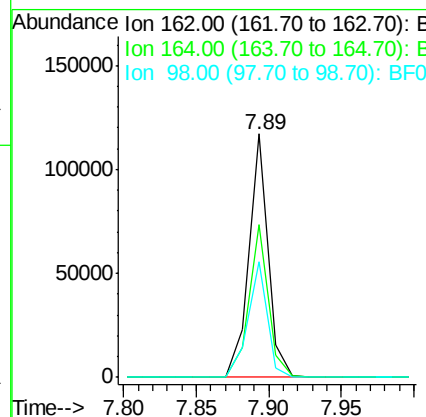
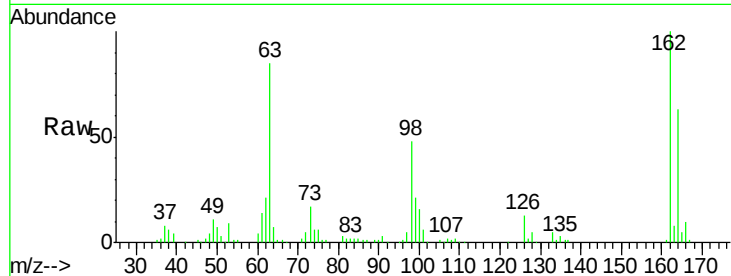
#29
 2,4-Dichlorophenol
 Concen: 36.81 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		108131		
164	62.7	42.3	82.3		
98	47.6	27.7	67.7		

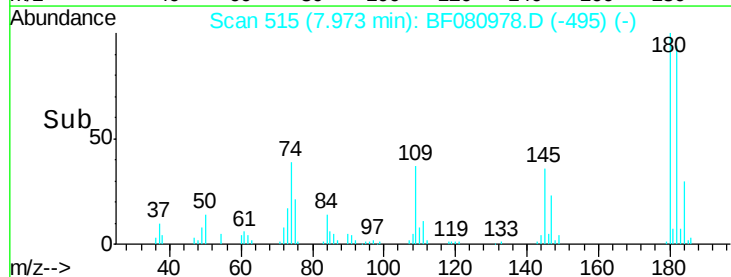
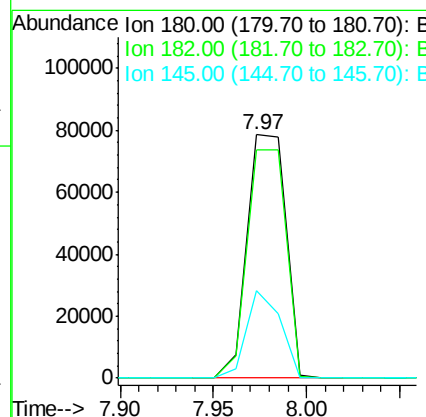
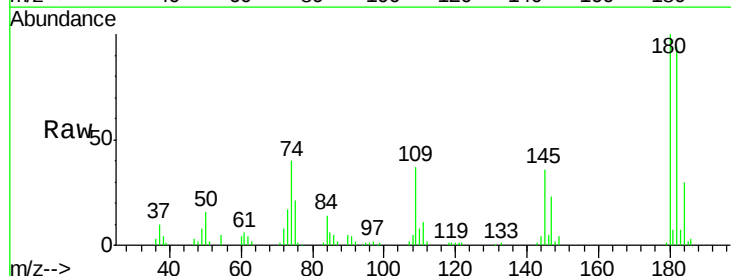
Manual Integrations
 APPROVED

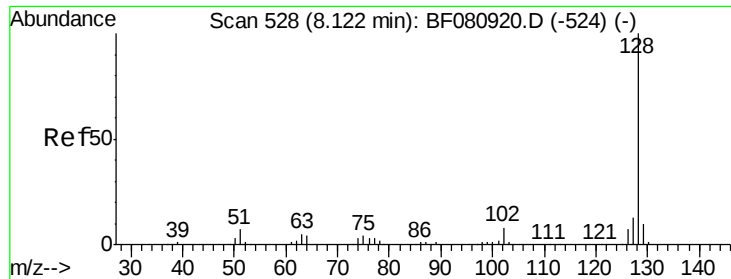
MMDadoda
 8/14/2015 3:08:28 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 35.14 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.07 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		112828		
182	94.0	77.4	116.0		
145	35.8	23.2	34.8#		





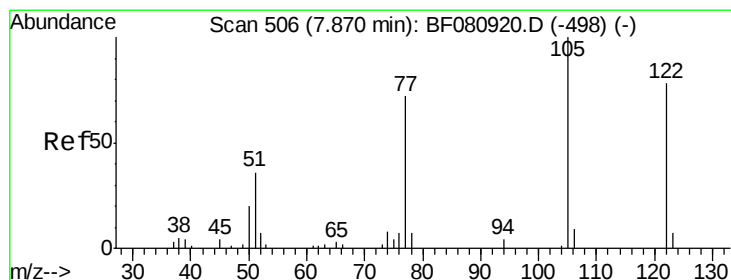
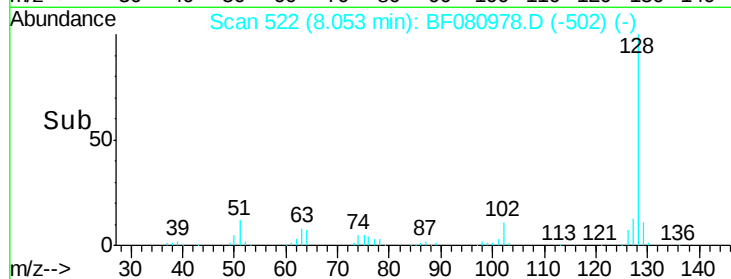
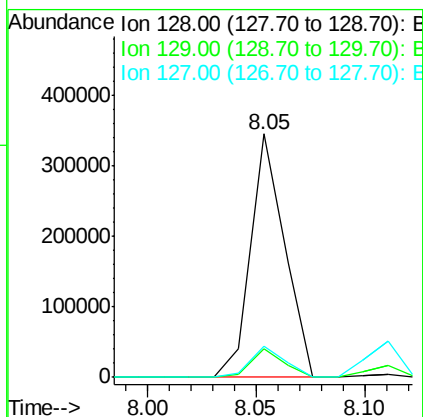
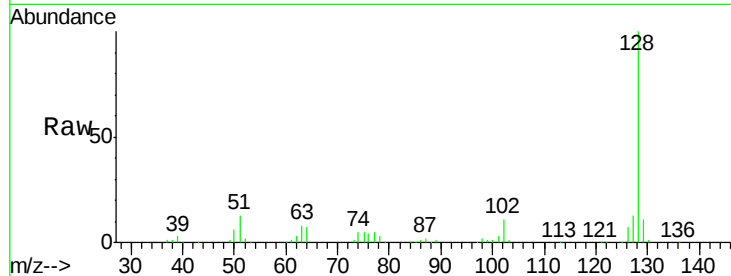
#31
Naphthalene
Concen: 32.89 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.07 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	377944		
129	11.5		8.4	12.6
127	12.9		10.5	15.7

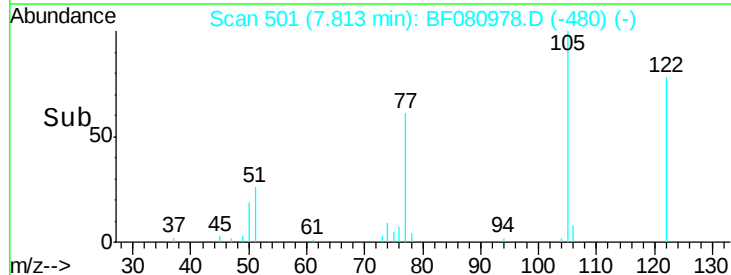
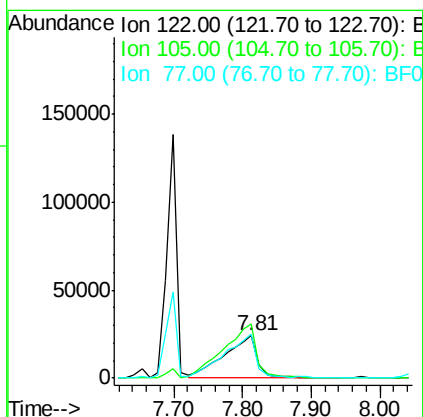
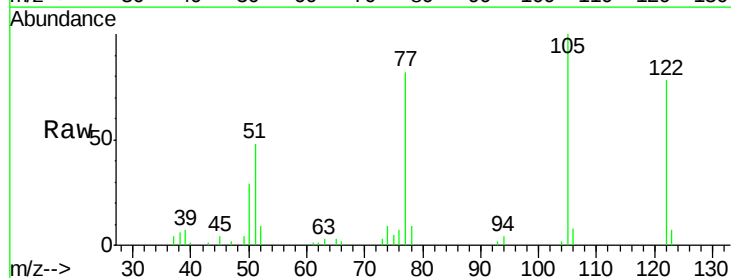
Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#32
Benzoic acid
Concen: 38.29 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	81962		
105	128.2		103.6	143.6
77	105.5		70.4	110.4





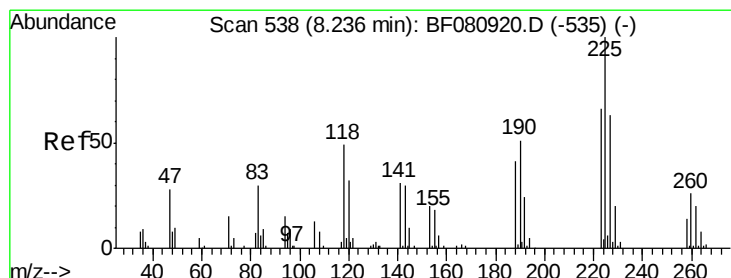
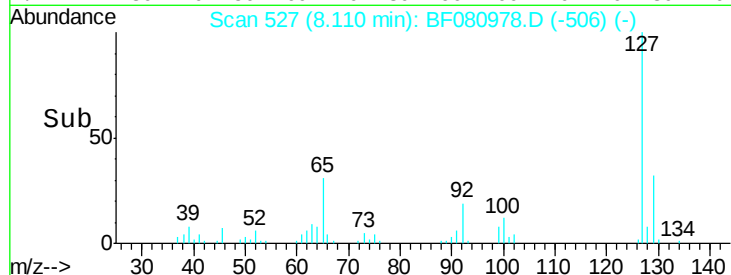
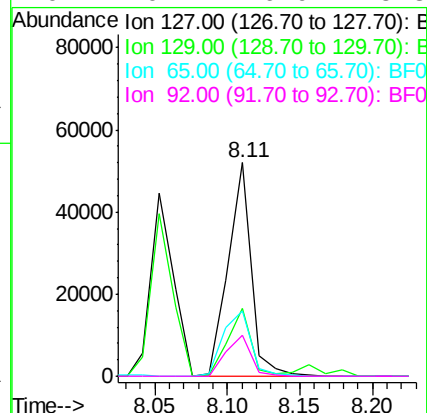
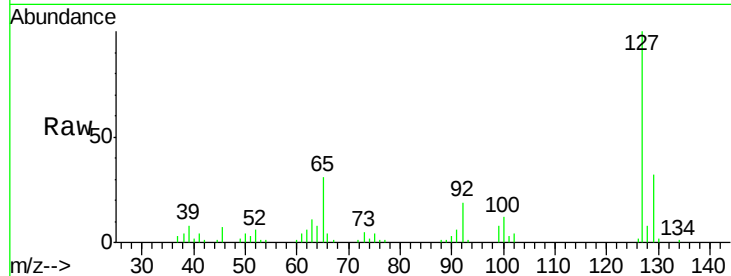
#33
4-Chloroaniline
Concen: 12.35 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		57705		
129	31.7	25.9	38.9		
65	30.9	30.6	45.8		
92	19.2	16.9	25.3		

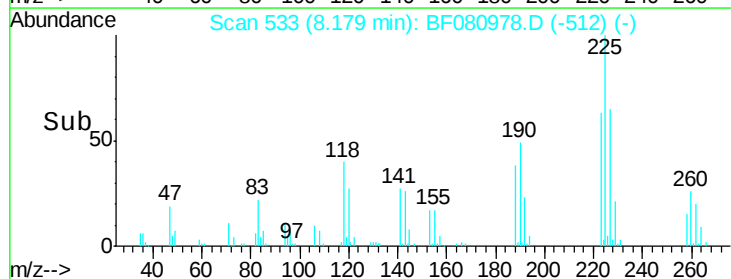
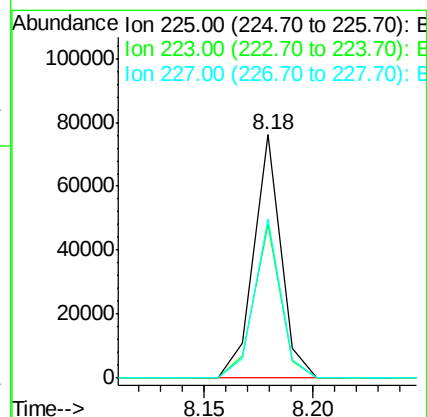
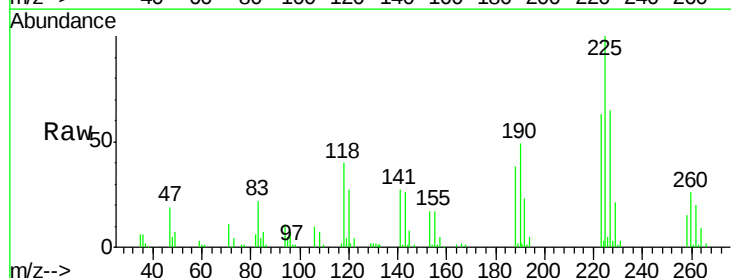
Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#34
Hexachlorobutadiene
Concen: 34.64 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		66186		
223	63.2	52.5	78.7		
227	65.1	50.3	75.5		





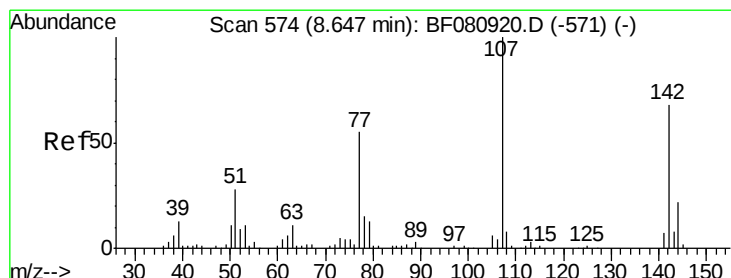
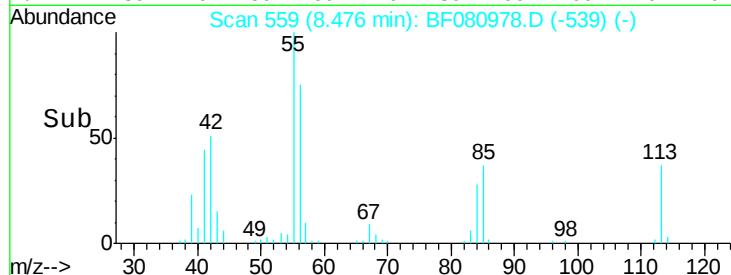
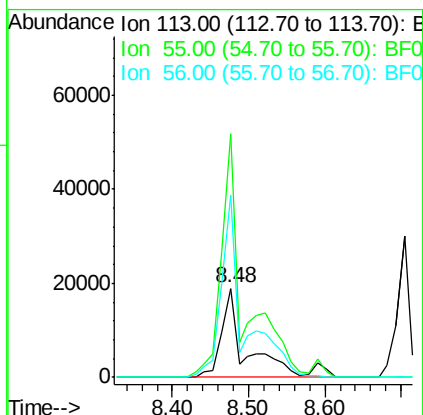
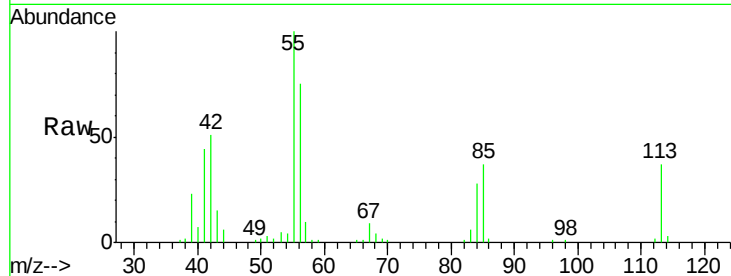
#35
 Caprolactam
 Concen: 40.45 ng/ml
 RT: 8.48 min Scan# 559
 Delta R.T. -0.07 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleID :
 PB84980BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	273.2	196.4	236.4#
56	204.4	137.9	177.9#

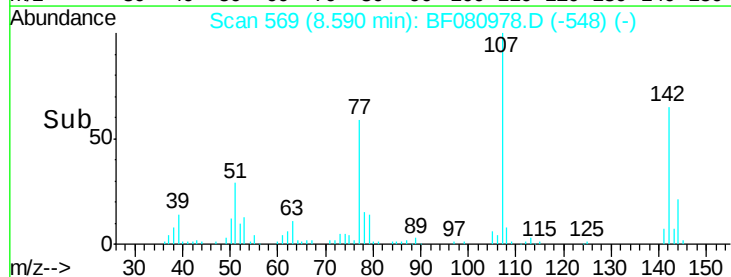
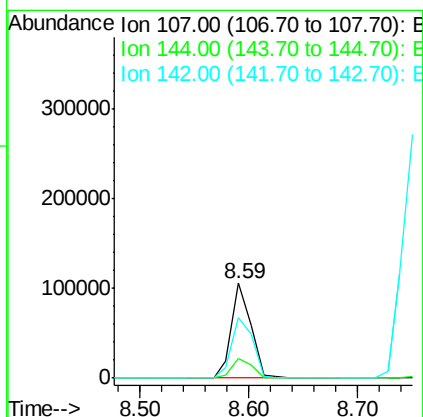
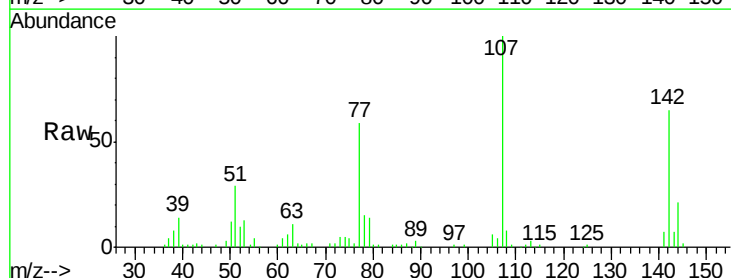
Manual Integrations
 APPROVED

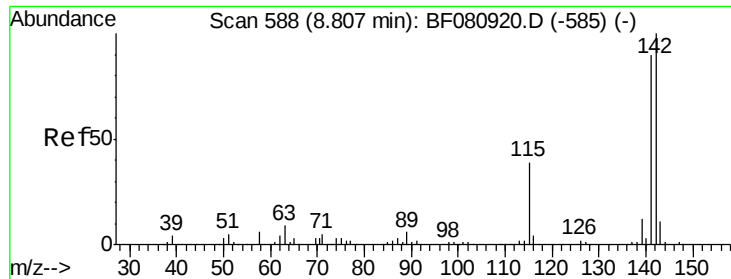
MMDadoda
 8/14/2015 3:08:28 PM



#36
 4-Chloro-3-methylphenol
 Concen: 36.14 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.1	17.3	25.9
142	64.8	54.4	81.6





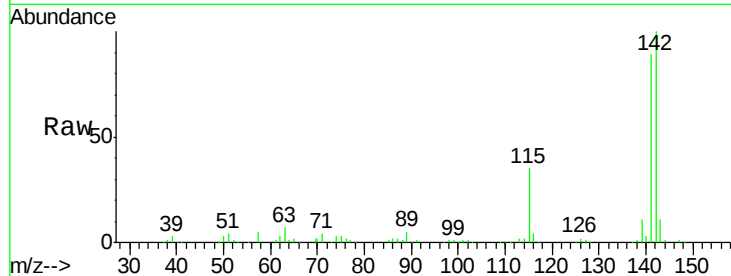
#37
2-Methylnaphthalene
Concen: 37.57 ng
RT: 8.75 min Scan# 583
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.7	107.5
115	35.3	30.9	46.3

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM

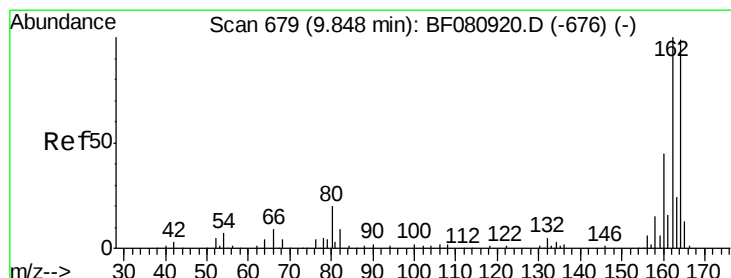
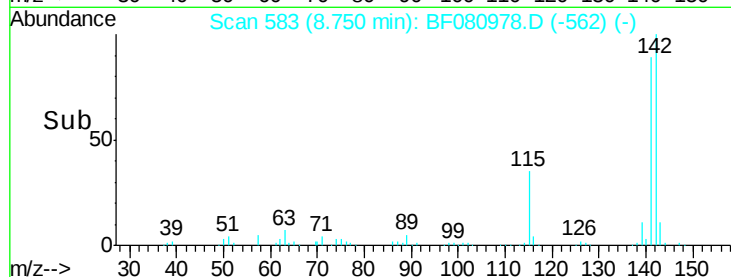
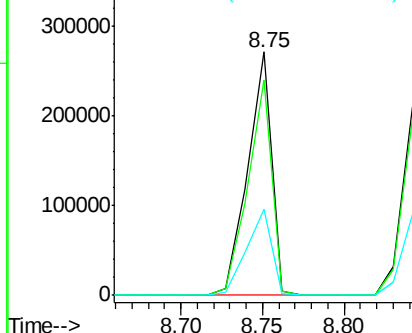


Abundance

Ion 142.00 (141.70 to 142.70): E

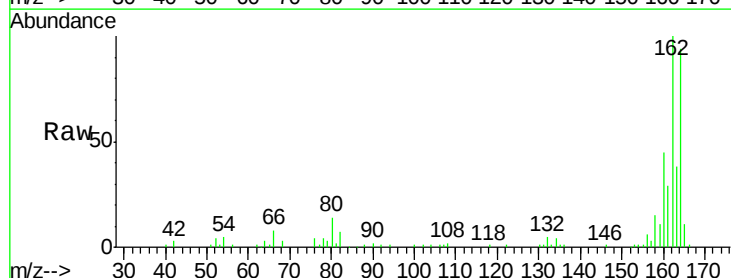
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	80.5	120.7
160	47.6	36.6	54.8

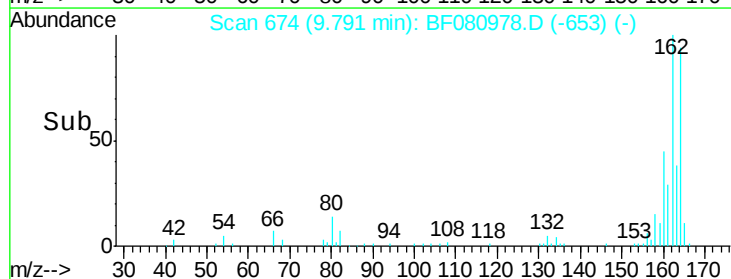
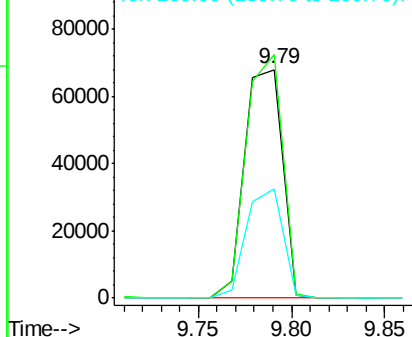


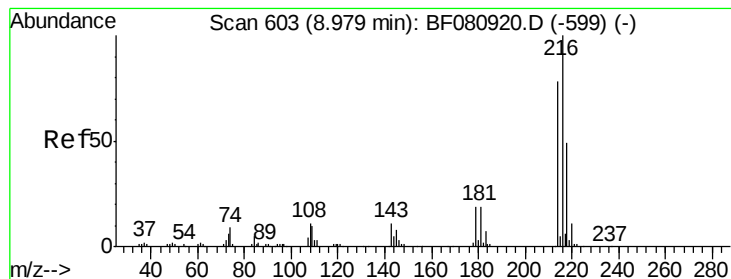
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.98 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

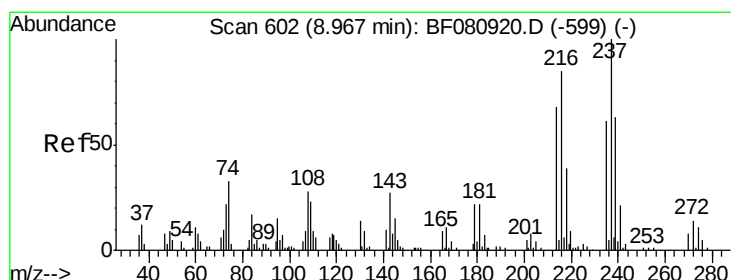
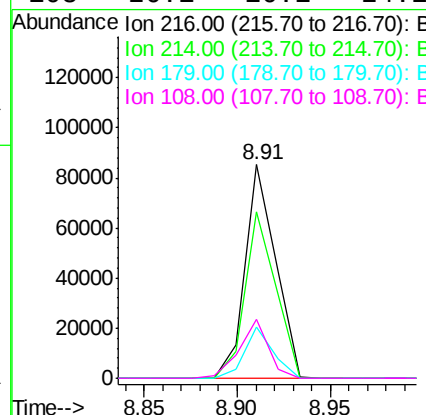
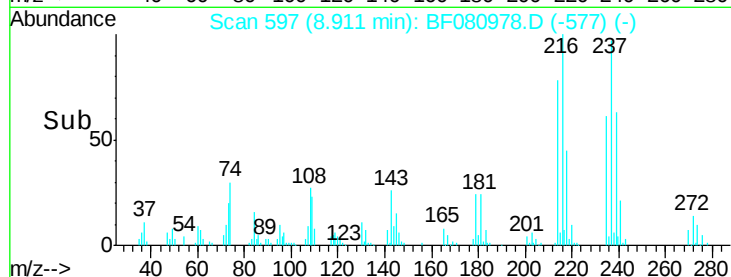
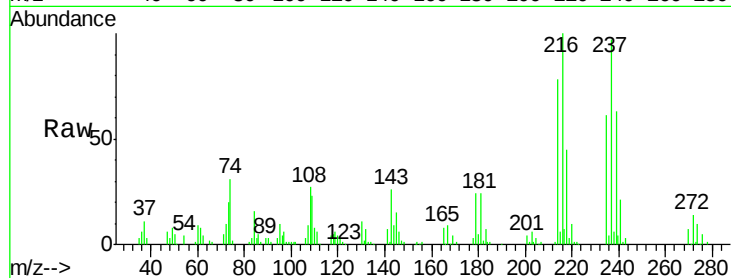
ClientSampleId :

PB84980BS

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.0	63.0	94.4		
179	22.6	17.2	25.8		
108	26.1	16.1	24.1		



#40

Hexachlorocyclopentadiene

Concen: 81.07 ng

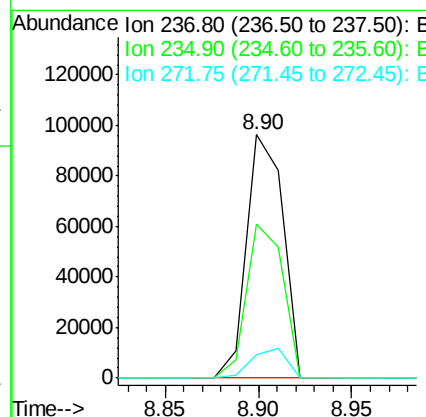
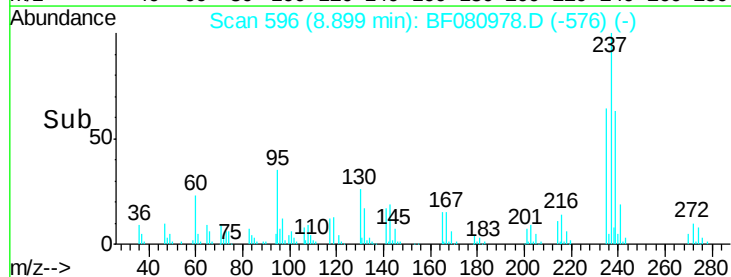
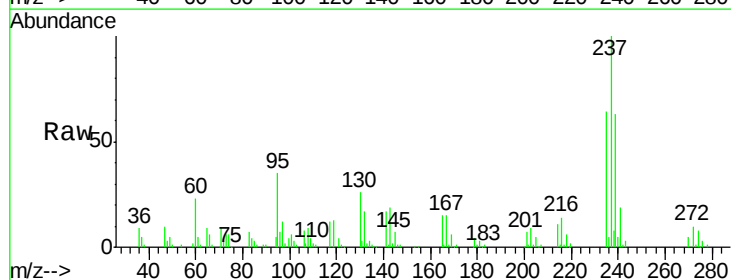
RT: 8.90 min Scan# 596

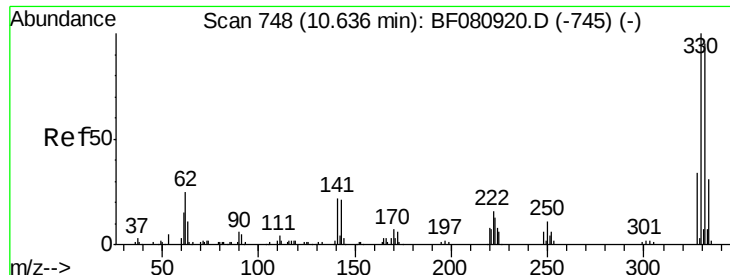
Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.5	41.3	81.3		
272	9.9	0.0	33.6		





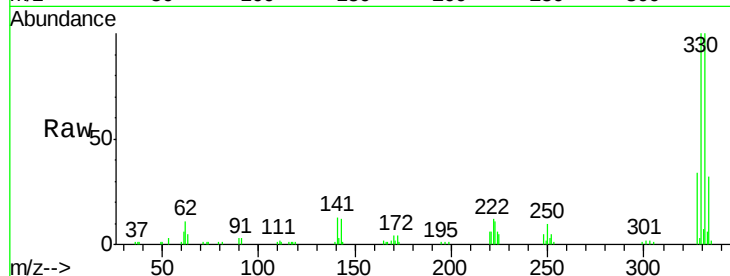
#41
 2,4,6-Tribromophenol
 Concen: 67.40 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

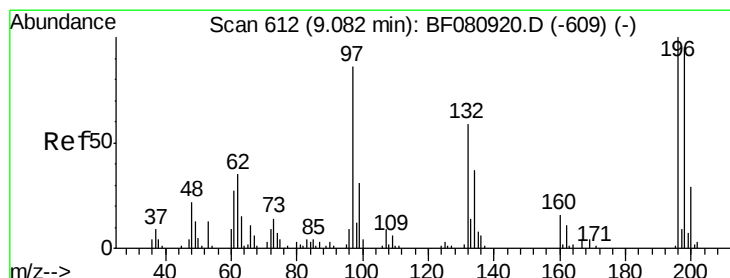
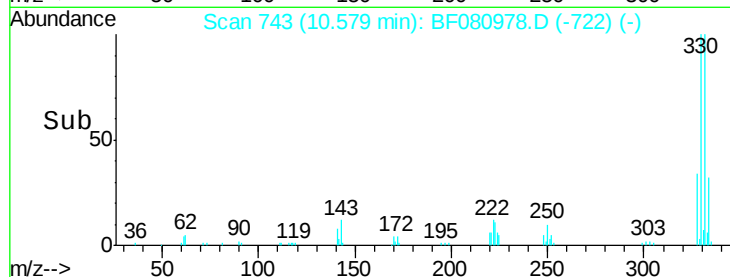
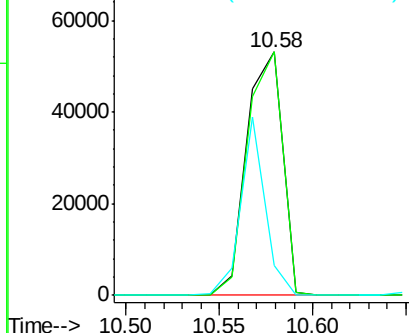
Tot Ion	Ratio	Resp	Lower	Upper
330	100	70766		
332	98.3	76.2	114.4	
141	50.3	27.8	41.8#	

Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:08:28 PM



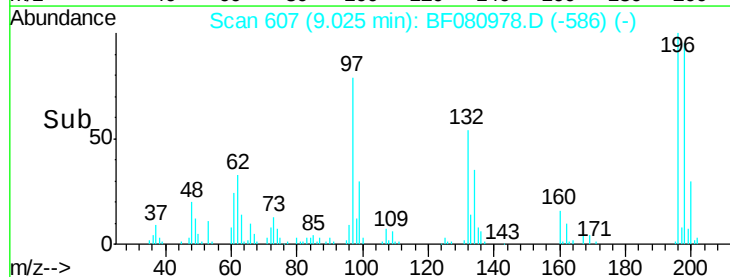
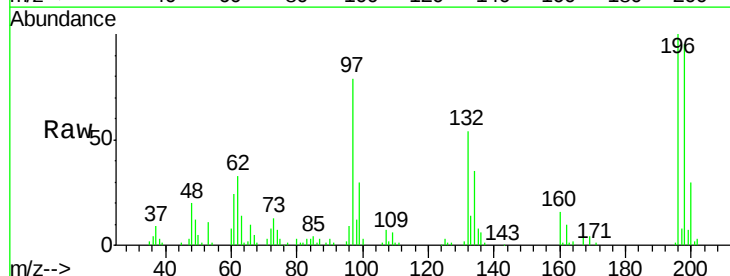
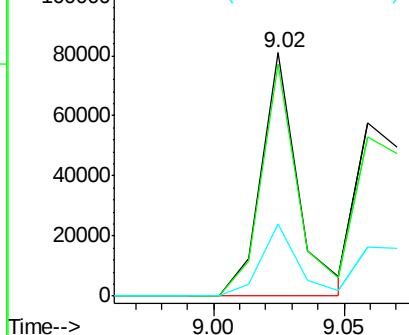
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

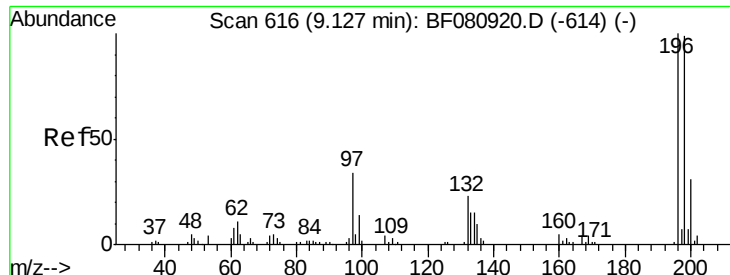


#42
 2,4,6-Trichlorophenol
 Concen: 36.63 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	79086		
198	95.2	75.9	113.9	
200	29.8	23.1	34.7	

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





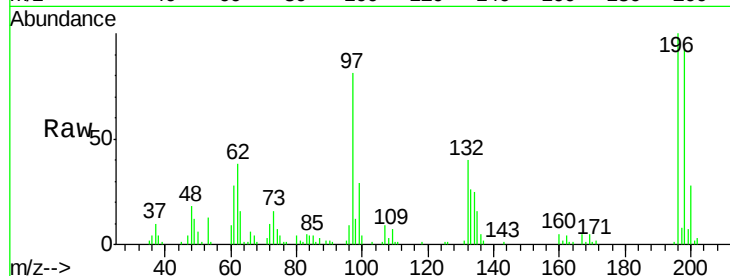
#43
 2,4,5-Trichlorophenol
 Concen: 34.72 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

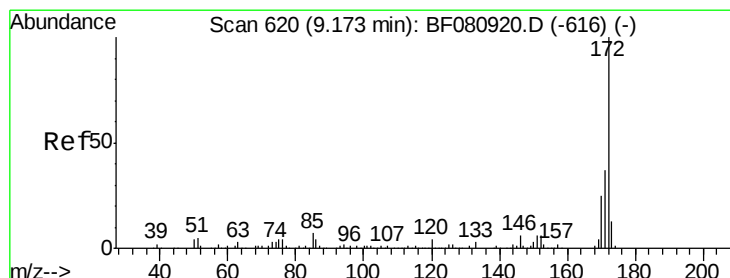
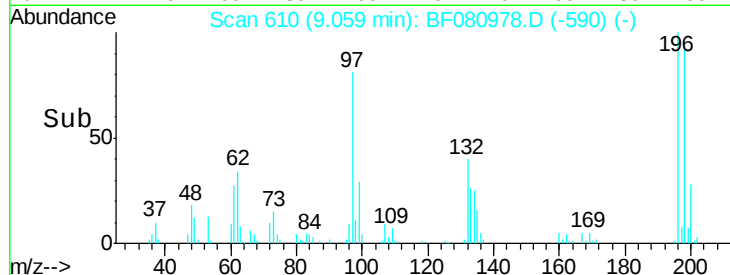
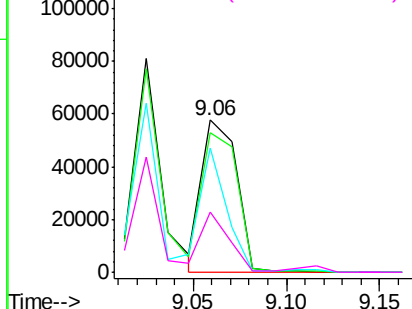
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		75556		
198	92.0	78.9	118.3		
97	81.5	29.1	43.7#		
132	39.7	19.1	28.7#		

Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:08:28 PM

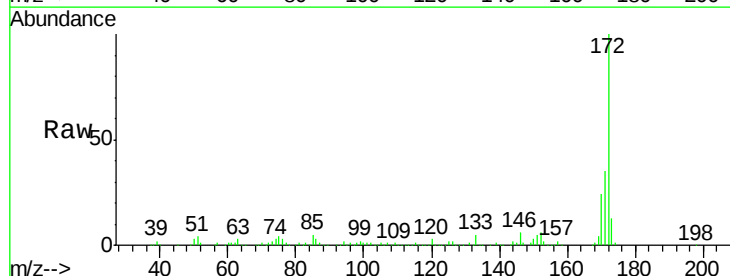


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

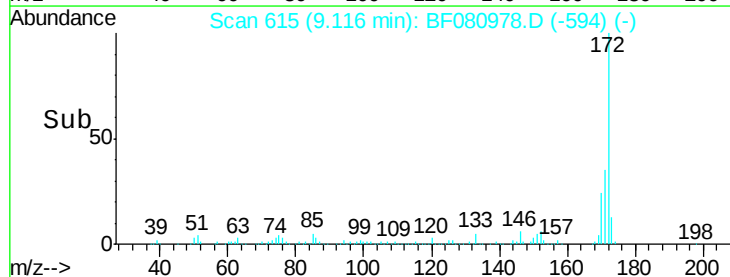
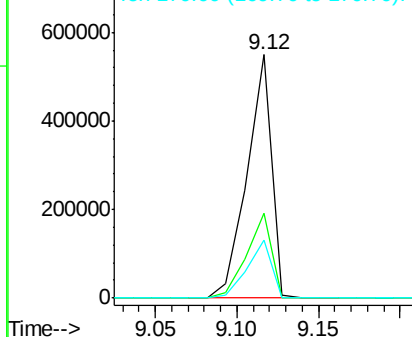


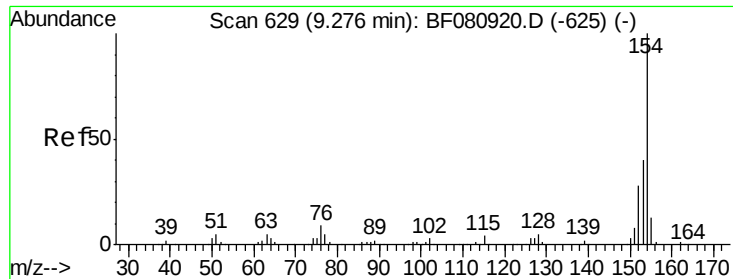
#44
 2-Fluorobiphenyl
 Concen: 84.07 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		570663		
171	35.0	29.4	44.0		
170	24.0	19.7	29.5		



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.80 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

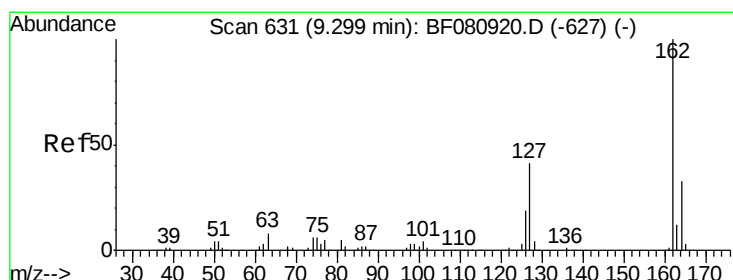
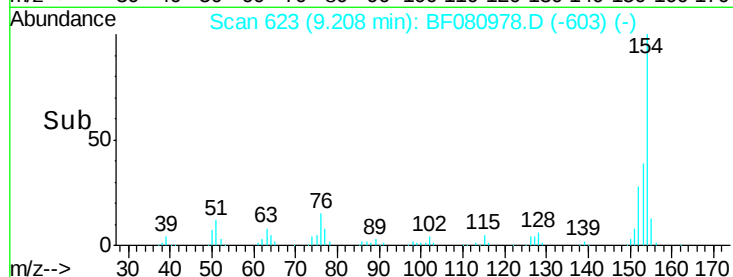
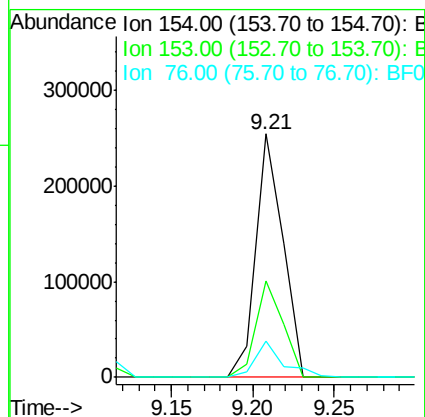
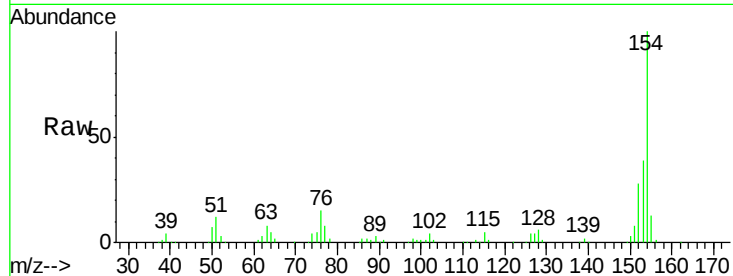
ClientSampleId :

PB84980BS

Tot Ion:	154	Resp:	293644
Ion Ratio	Lower	Upper	
154	100		
153	39.4	20.1	60.1
76	15.0	0.0	29.3

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#46

2-Chloronaphthalene

Concen: 34.21 ng

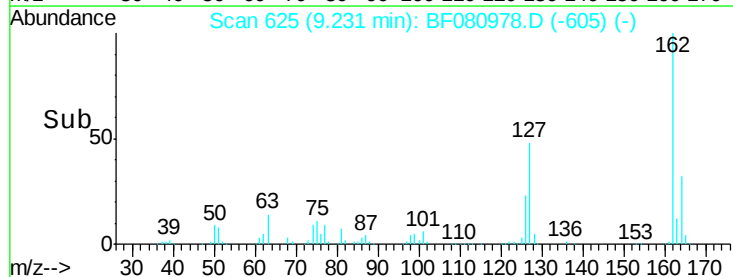
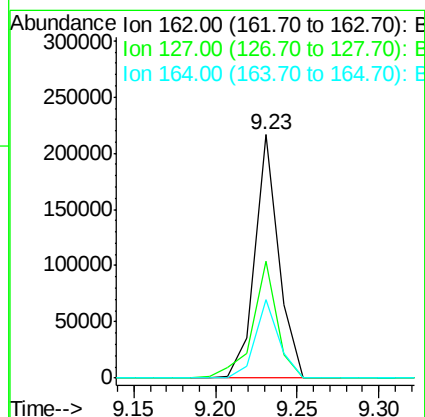
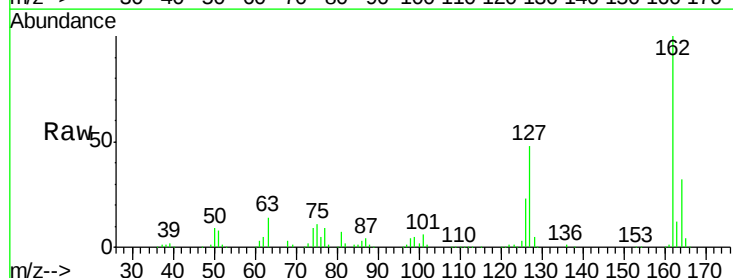
RT: 9.23 min Scan# 625

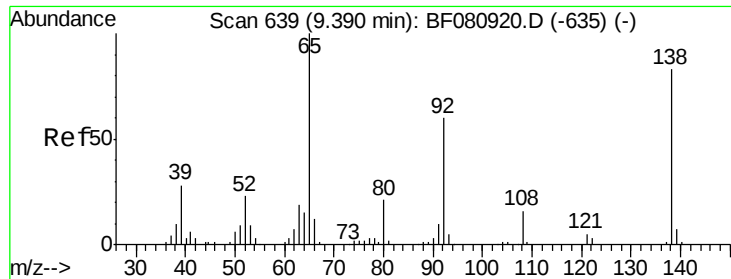
Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion:	162	Resp:	218771
Ion Ratio	Lower	Upper	
162	100		
127	47.9	32.5	48.7
164	32.5	26.2	39.4





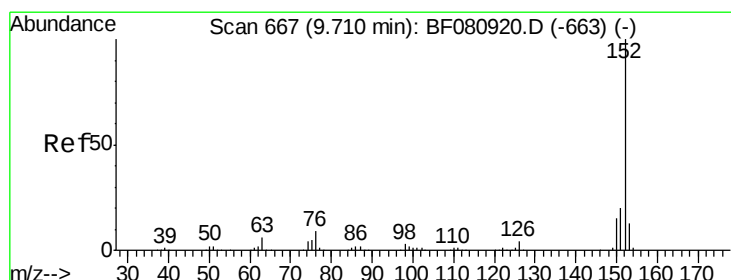
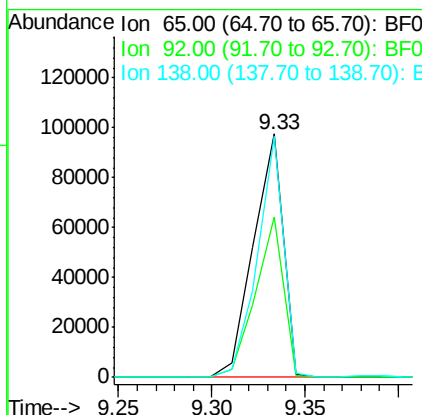
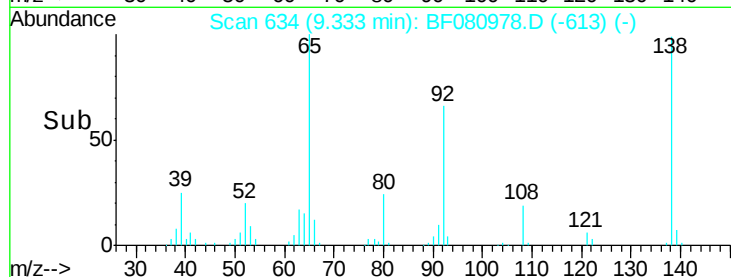
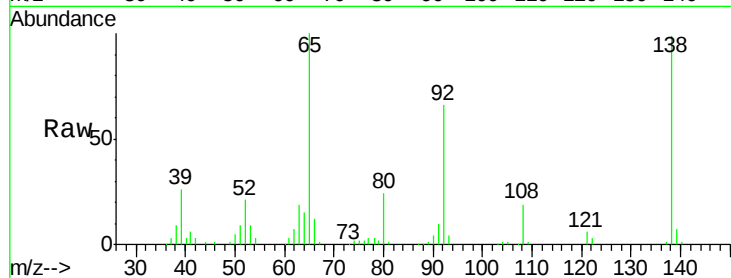
#47
 2-Nitroaniline
 Concen: 41.82 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	107215		
92	65.7	48.0	72.0	
138	98.9	66.1	99.1	

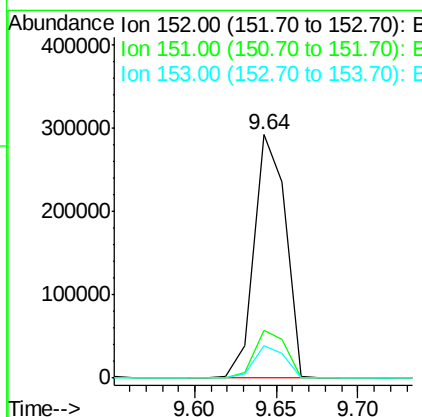
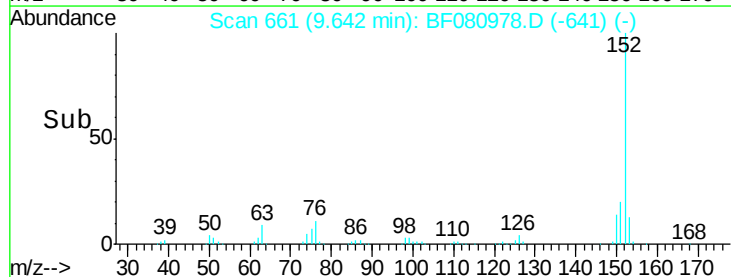
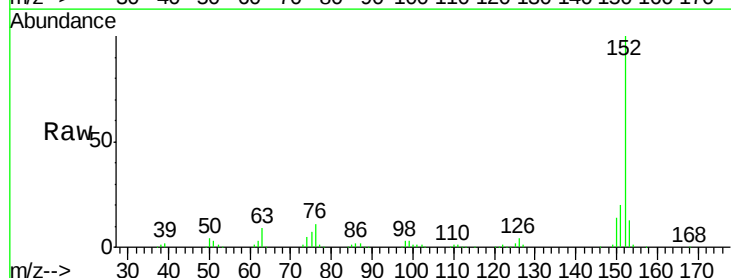
Manual Integrations
 APPROVED

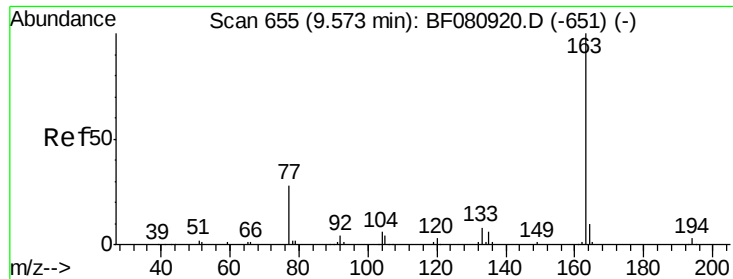
MMDadoda
 8/14/2015 3:08:28 PM



#48
 Acenaphthylene
 Concen: 35.21 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.07 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	391378		
151	19.9	16.3	24.5	
153	13.5	10.5	15.7	





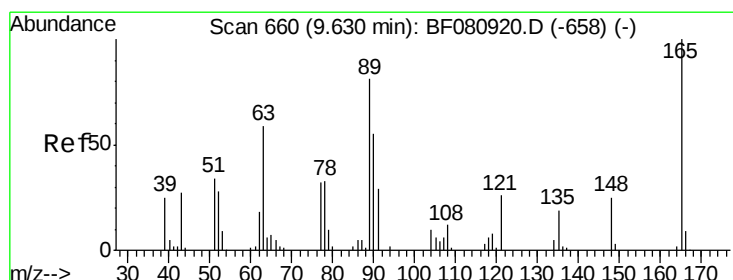
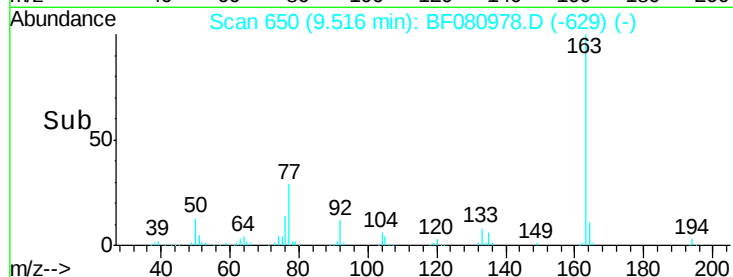
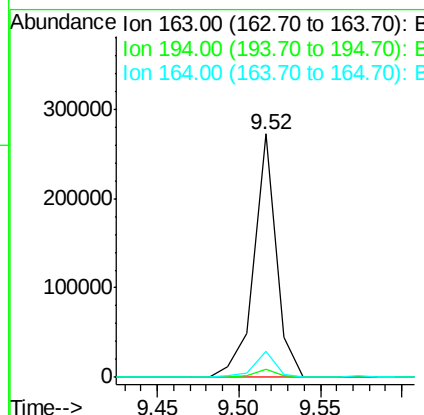
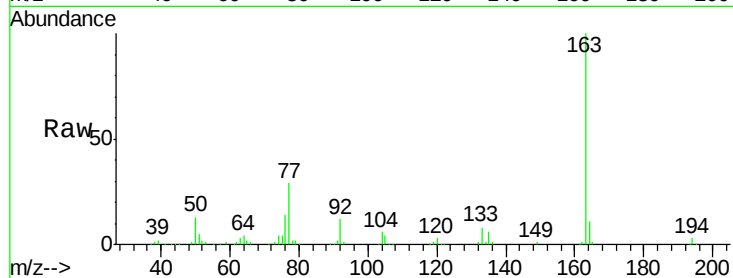
#49
Dimethylphthalate
Concen: 32.67 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.1	2.4	3.6
164	10.6	8.2	12.4

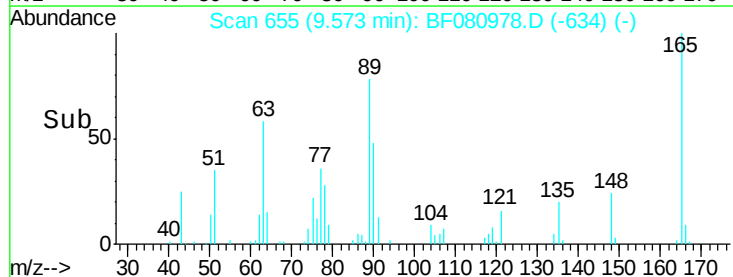
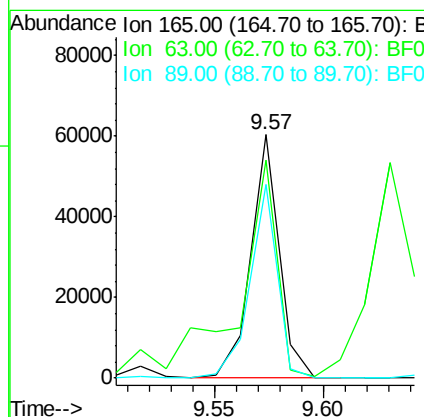
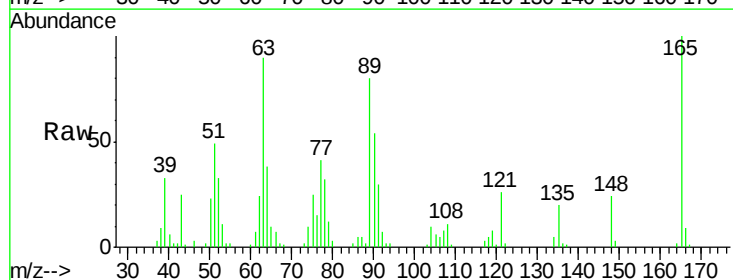
Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#50
2,6-Dinitrotoluene
Concen: 33.44 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	89.6	77.6	116.4
89	79.8	64.5	96.7





#51

Acenaphthene

Concen: 39.80 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.07 min

Lab File: BF080978.D

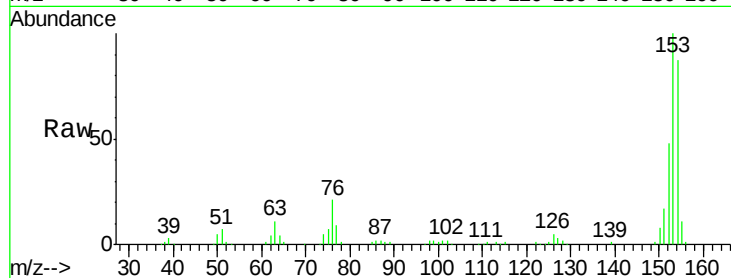
Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

ClientSampleId :

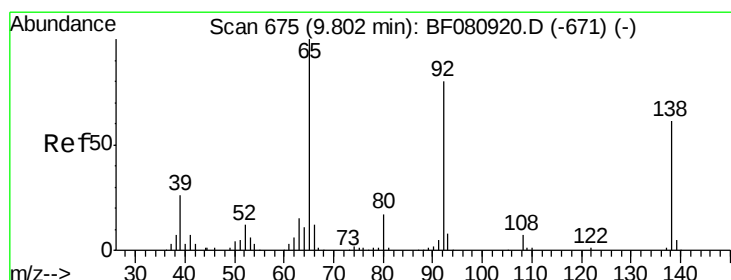
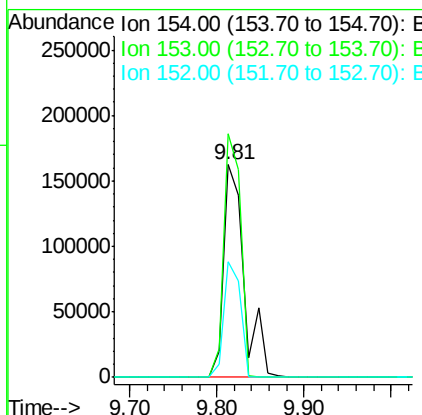
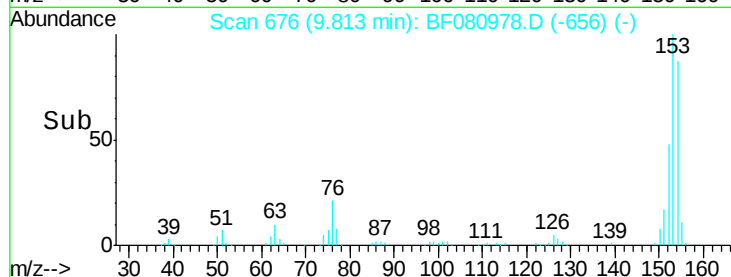
PB84980BS



Tot Ion:	154	Resp:	270951
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.4	137.2
152	54.6	44.2	66.4

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#52

3-Nitroaniline

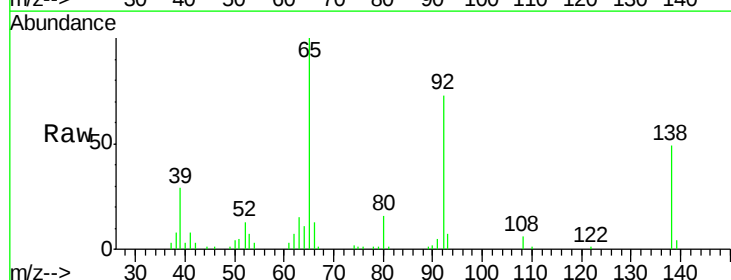
Concen: 15.91 ng

RT: 9.73 min Scan# 669

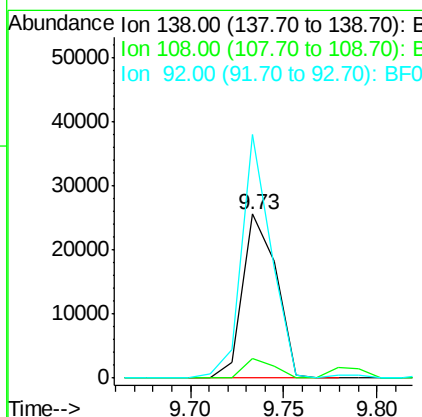
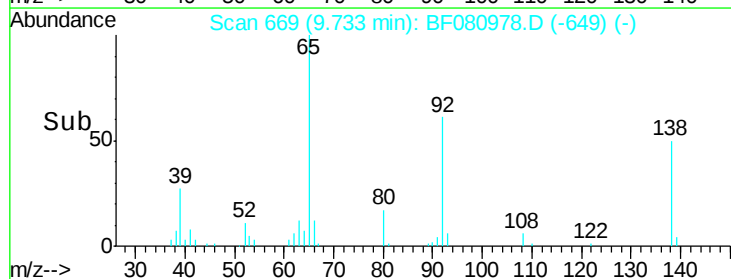
Delta R.T. -0.07 min

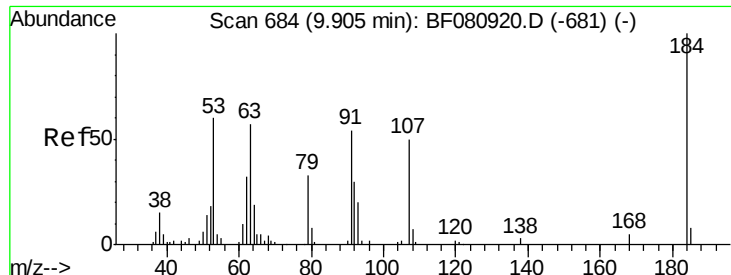
Lab File: BF080978.D

Acq: 13 Aug 2015 13:12



Tgt Ion:	138	Resp:	32163
Ion Ratio	Lower	Upper	
138	100		
108	12.3	8.7	13.1
92	148.8	104.4	156.6





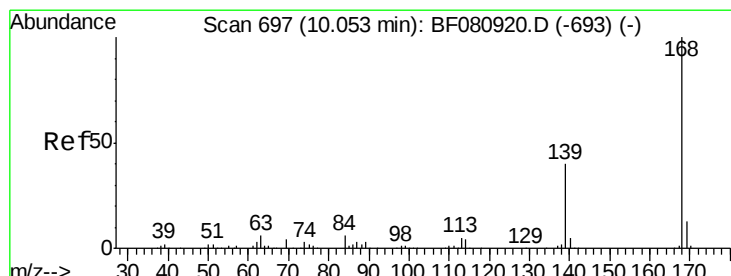
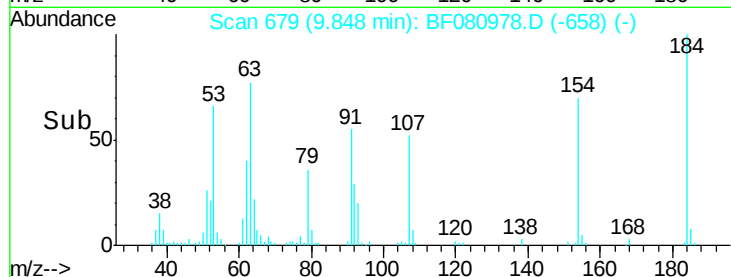
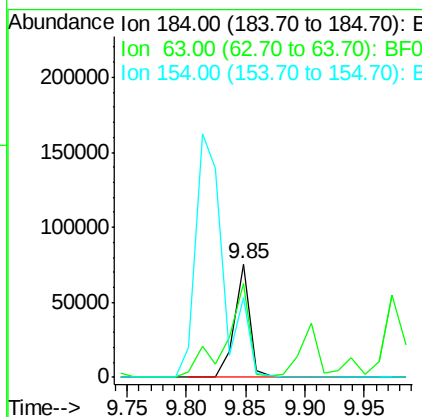
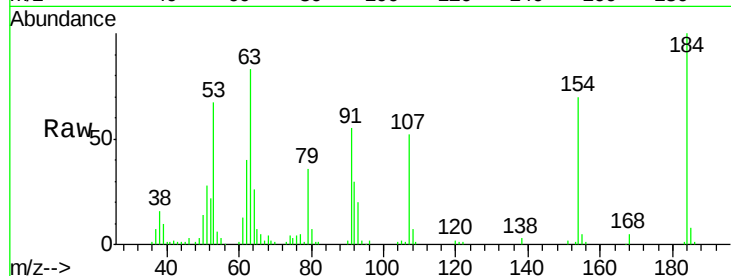
#53
 2,4-Dinitrophenol
 Concen: 70.27 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	69208		
63	83.2	59.7	89.5	
154	70.2	53.8	80.8	

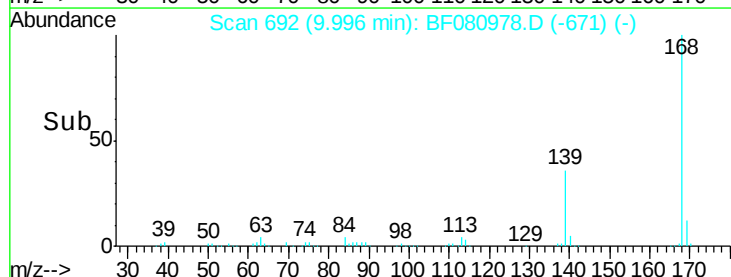
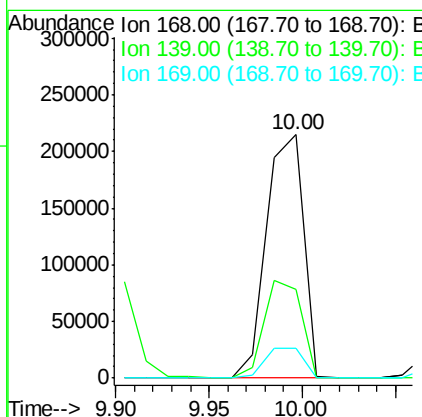
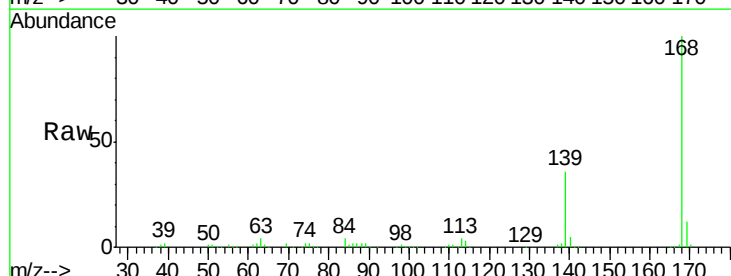
Manual Integrations
 APPROVED

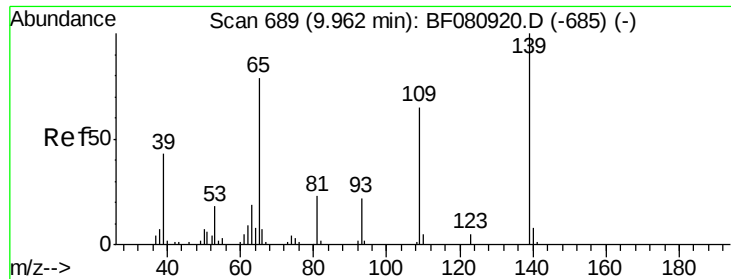
MMDadoda
 8/14/2015 3:08:28 PM



#54
 Dibenzofuran
 Concen: 32.17 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	296177		
139	36.4	31.9	47.9	
169	12.4	10.6	15.8	





#55

4-Nitrophenol

Concen: 60.82 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

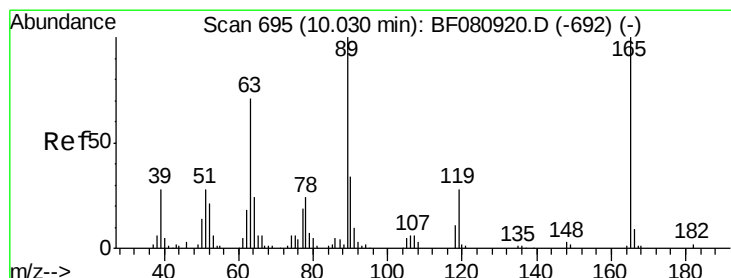
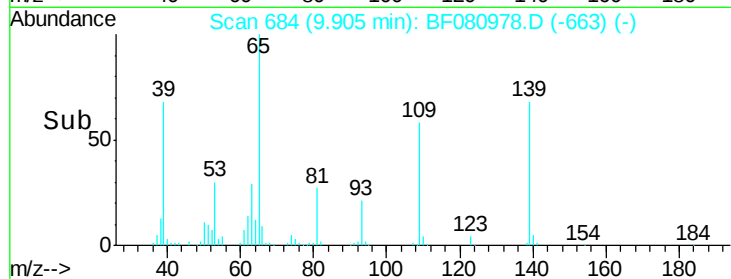
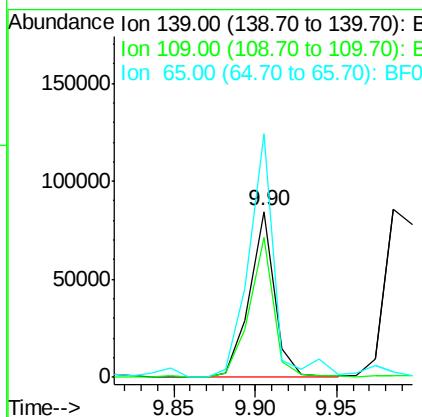
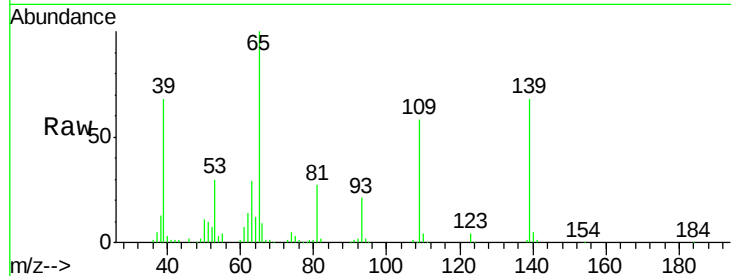
ClientSampleId :

PB84980BS

Tot Ion:	139	Resp:	92048
Ion Ratio	Lower	Upper	
139	100		
109	84.5	44.7	84.7
65	146.6	59.5	99.5#

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#56

2,4-Dinitrotoluene

Concen: 31.22 ng

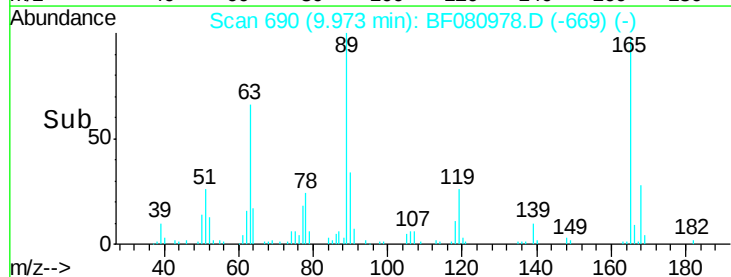
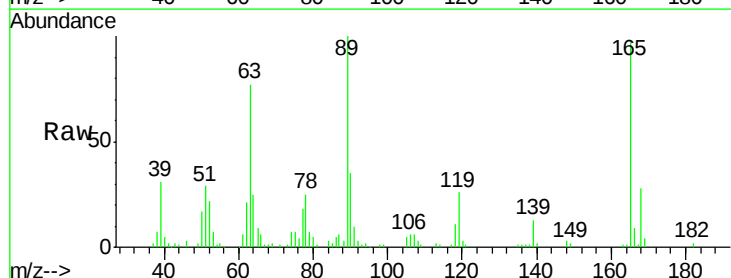
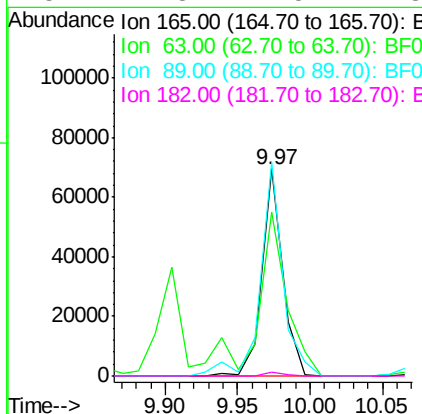
RT: 9.97 min Scan# 690

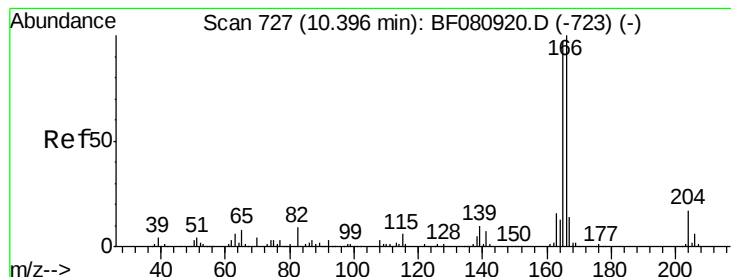
Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion:	165	Resp:	68511
Ion Ratio	Lower	Upper	
165	100		
63	79.2	56.7	85.1
89	103.2	80.4	120.6
182	1.8	1.5	2.3





#57

Fluorene

Concen: 27.56 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

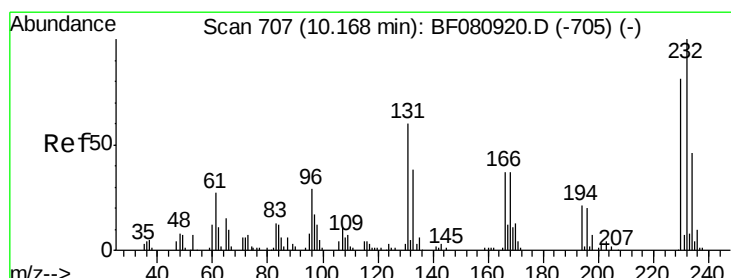
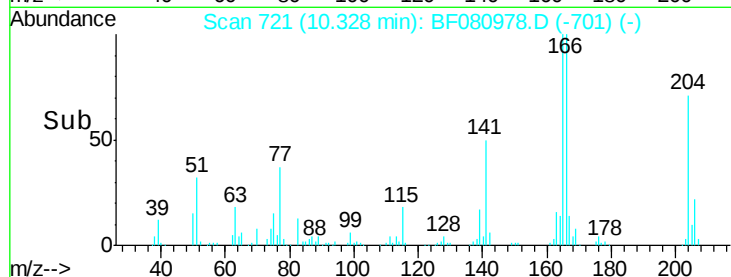
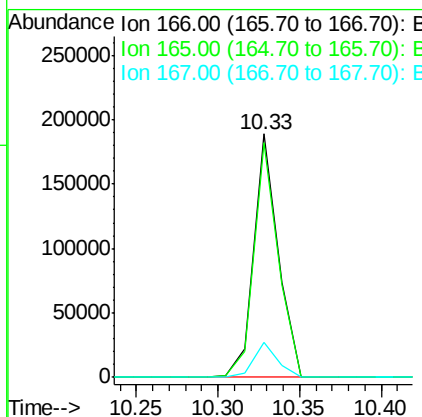
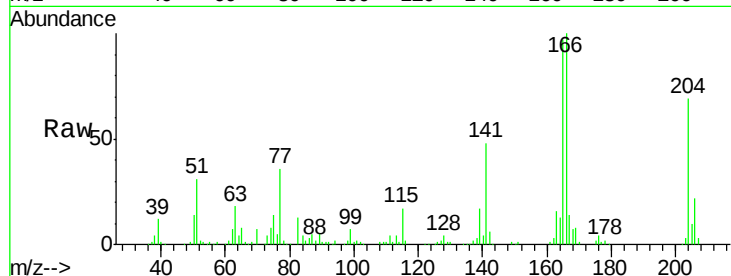
ClientSampled :

PB84980BS

Tot Ion:	166	Resp:	196295
Ion Ratio	Lower	Upper	
166	100		
165	96.5	77.2	115.8
167	14.3	10.8	16.2

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.53 ng m

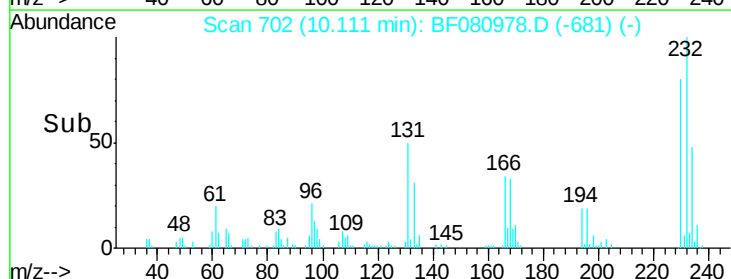
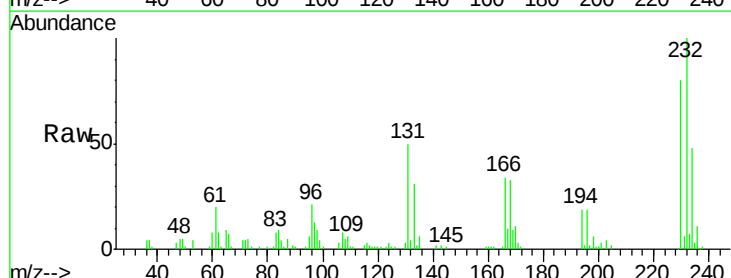
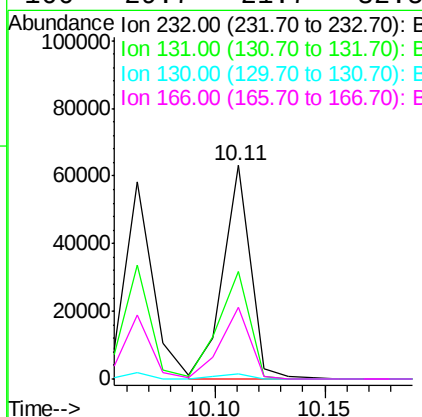
RT: 10.11 min Scan# 702

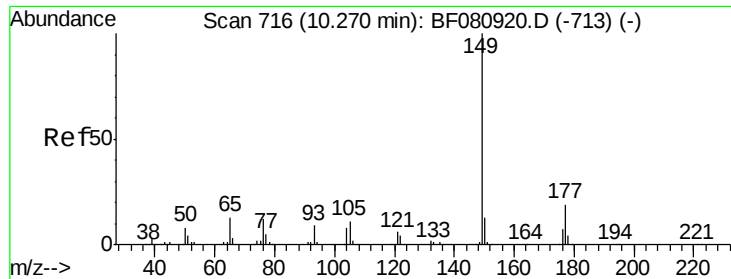
Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion:	232	Resp:	54293
Ion Ratio	Lower	Upper	
232	100		
131	53.7	39.4	59.2
130	2.9	2.1	3.1
166	29.7	21.7	32.5





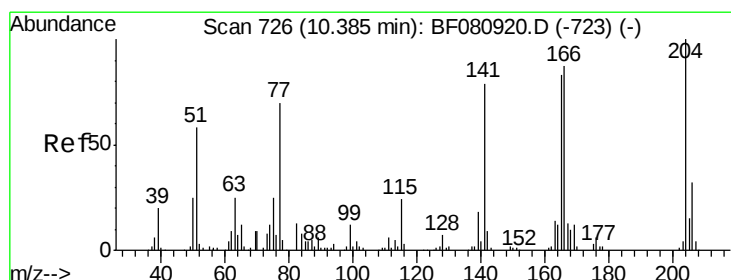
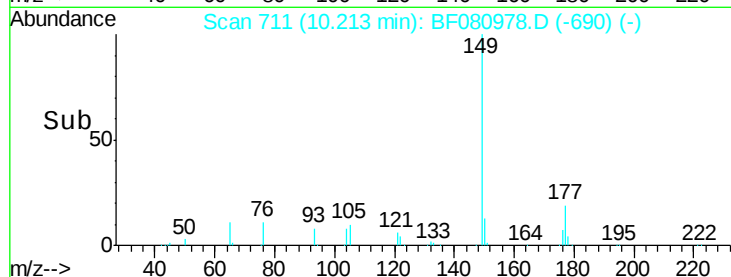
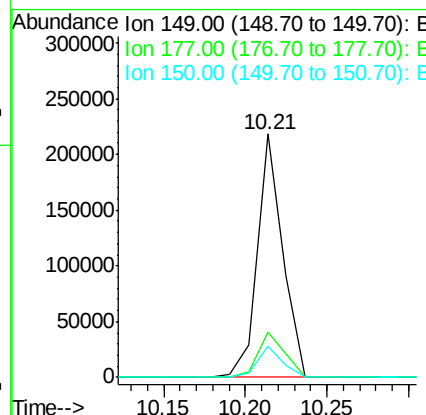
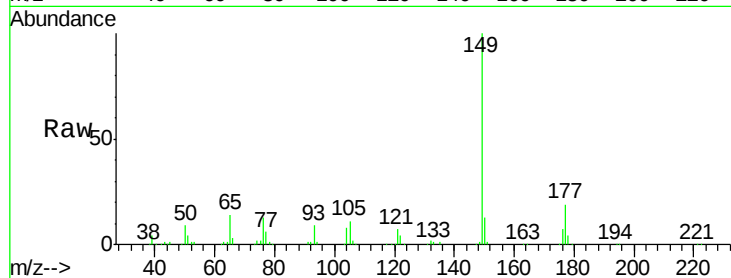
#59
Diethylphthalate
Concen: 28.35 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	234229		
177	18.6	15.0	22.4	
150	12.7	10.4	15.6	

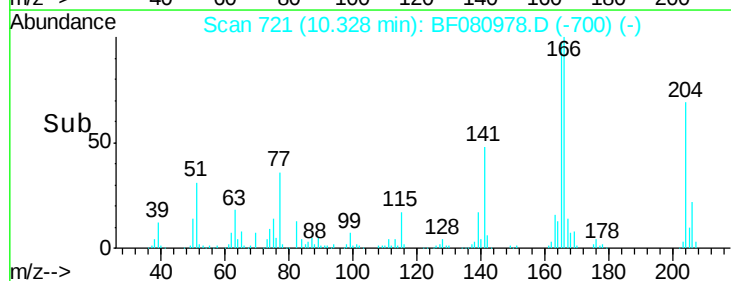
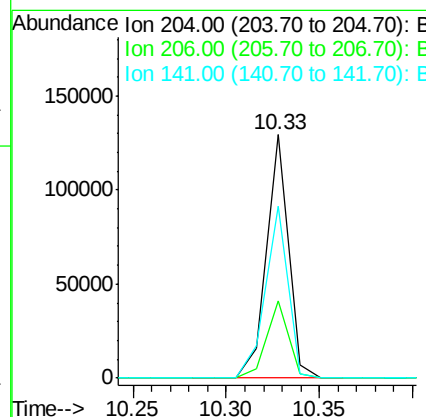
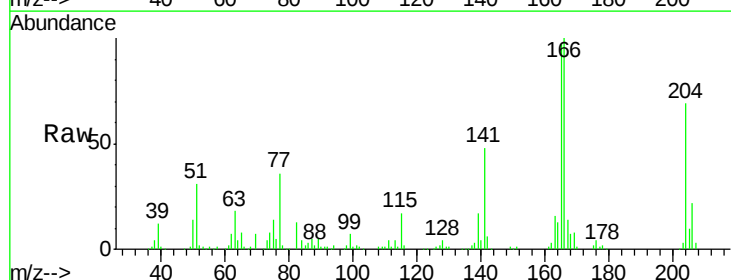
Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#60
4-Chlorophenyl-phenylether
Concen: 30.17 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	104690		
206	31.7	25.5	38.3	
141	70.5	63.4	95.0	





#61

4-Nitroaniline

Concen: 24.05 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

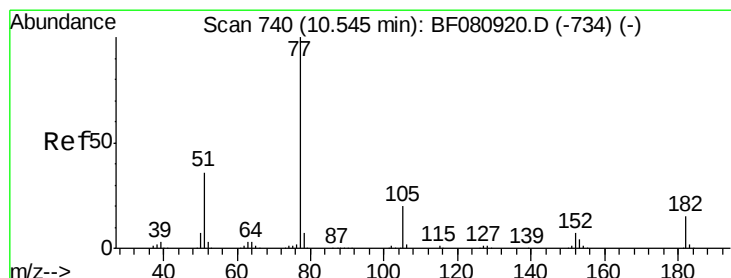
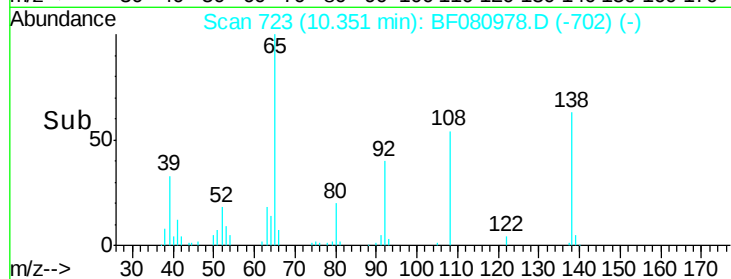
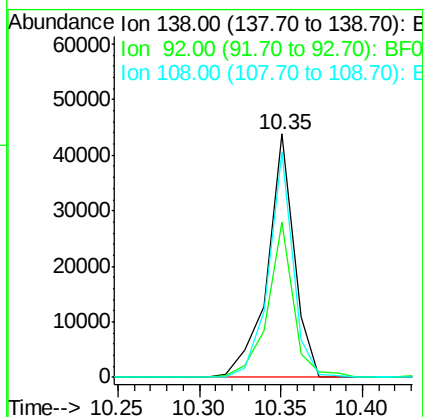
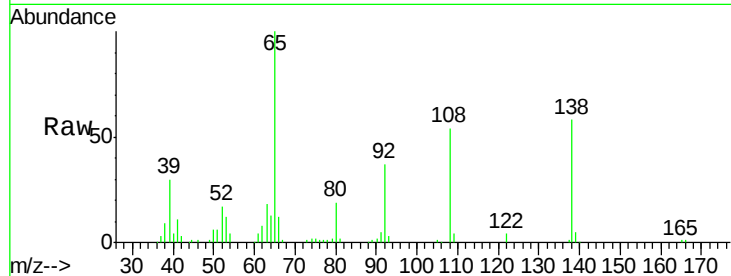
ClientSampleId :

PB84980BS

Tot Ion:	138	Resp:	50031
Ion Ratio	Lower	Upper	
138	100		
92	63.8	38.1	78.1
108	92.6	59.9	99.9

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#62

Azobenzene

Concen: 30.94 ng

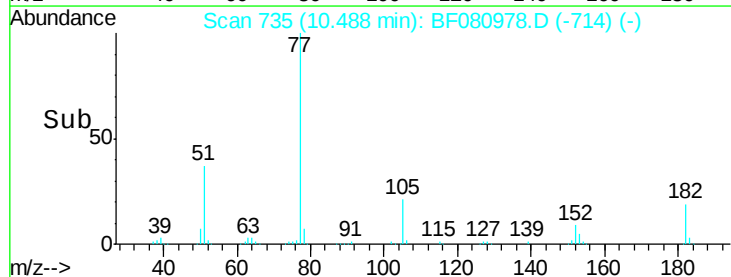
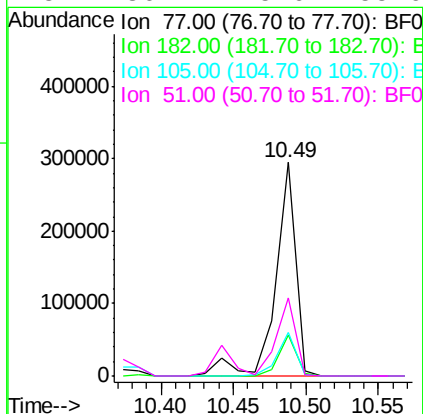
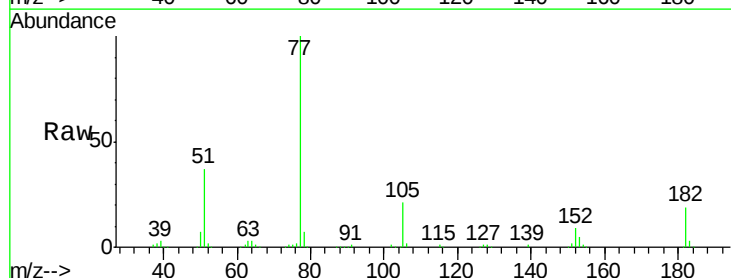
RT: 10.49 min Scan# 735

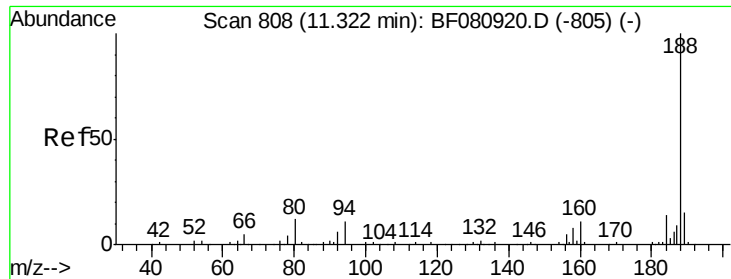
Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion:	77	Resp:	285909
Ion Ratio	Lower	Upper	
77	100		
182	19.4	0.0	35.5
105	20.6	0.5	40.5
51	36.7	15.6	55.6





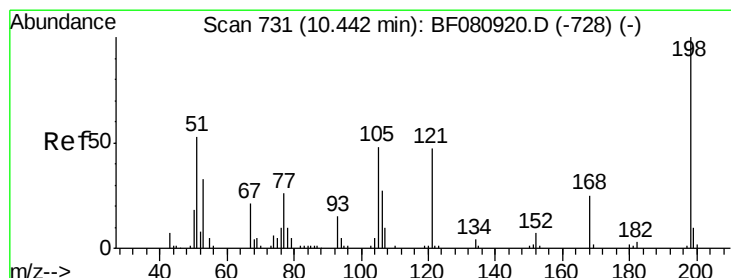
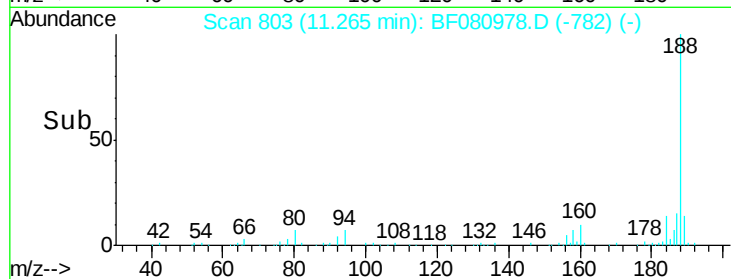
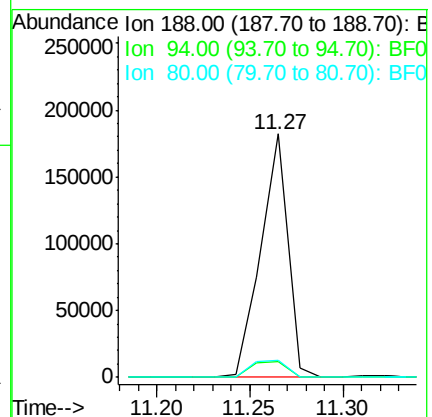
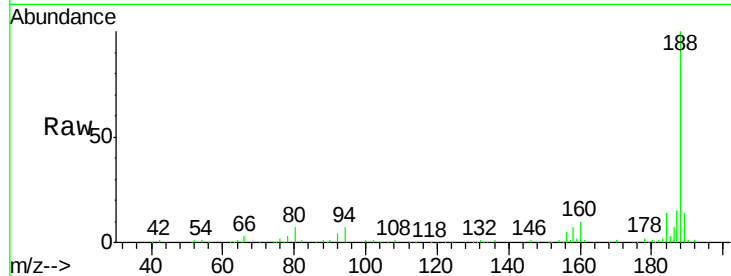
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 803
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleID :
 PB84980BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.5	8.8	13.2#
80	7.2	9.5	14.3#

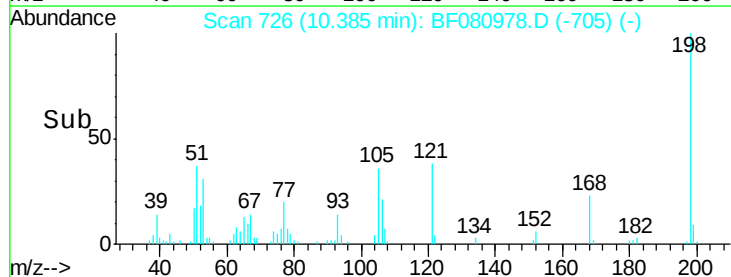
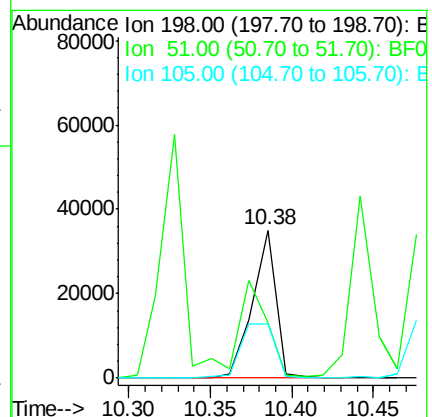
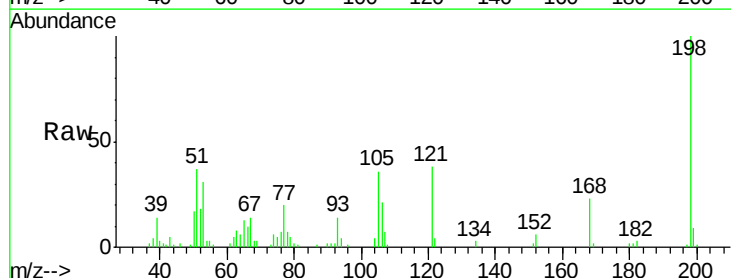
Manual Integrations
 APPROVED

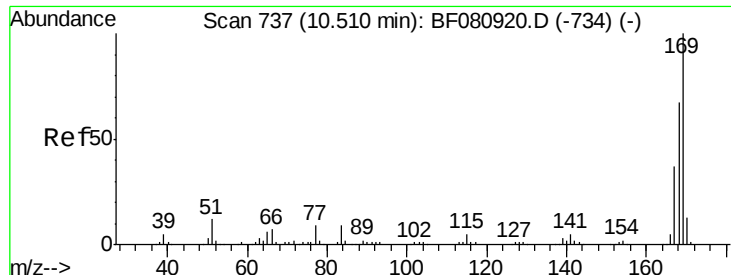
MMDadoda
 8/14/2015 3:08:28 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 30.76 ng
 RT: 10.38 min Scan# 726
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	37.5	40.3	80.3#
105	36.4	29.6	69.6





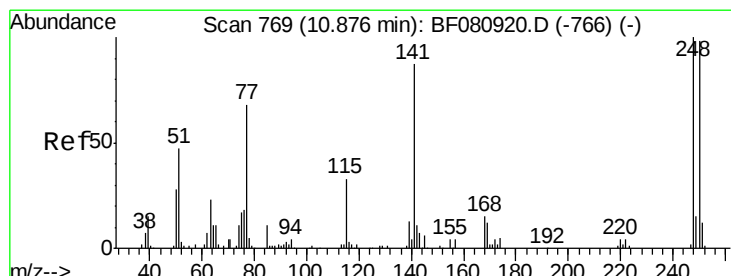
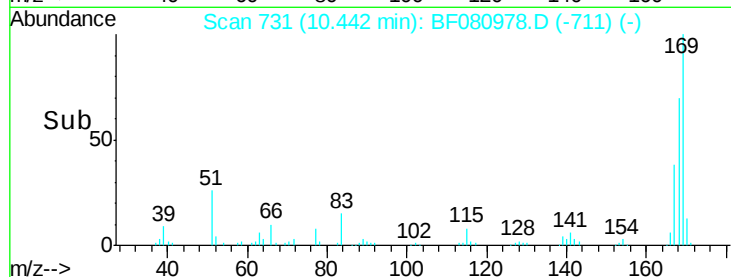
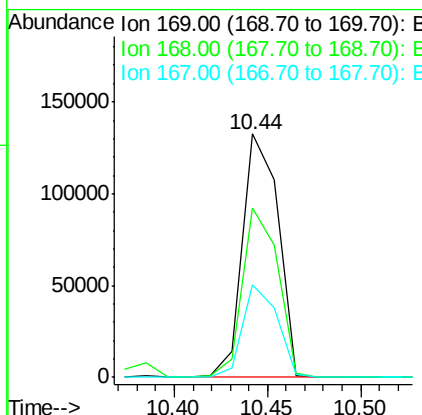
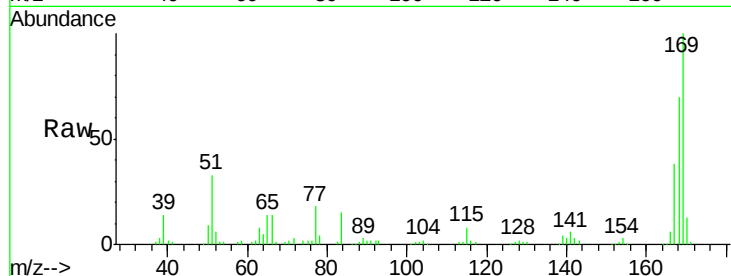
#65
n-Nitrosodiphenylamine
Concen: 27.60 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.07 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	175504		
168	69.7	53.7	80.5	
167	37.8	29.3	43.9	

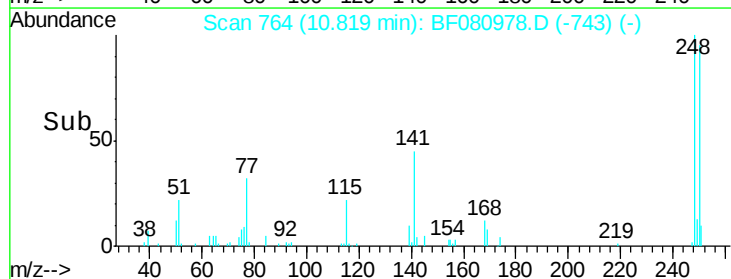
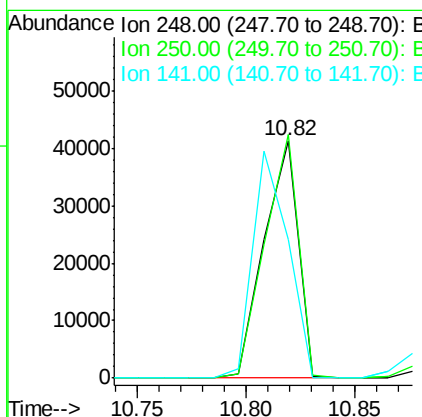
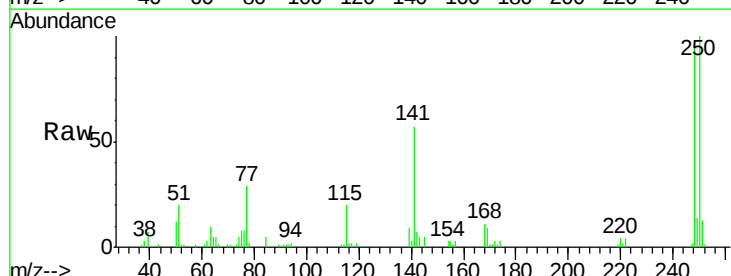
Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#66
4-Bromophenyl-phenylether
Concen: 23.60 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	45734		
250	102.6	78.1	117.1	
141	58.5	69.6	104.4	





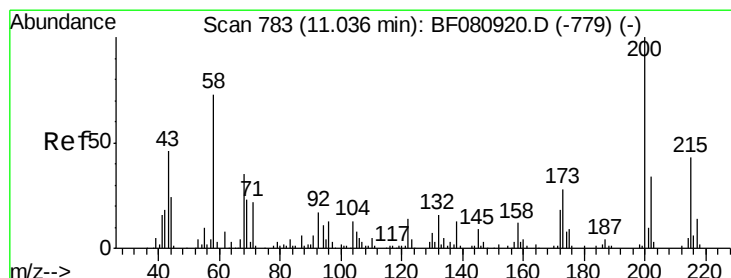
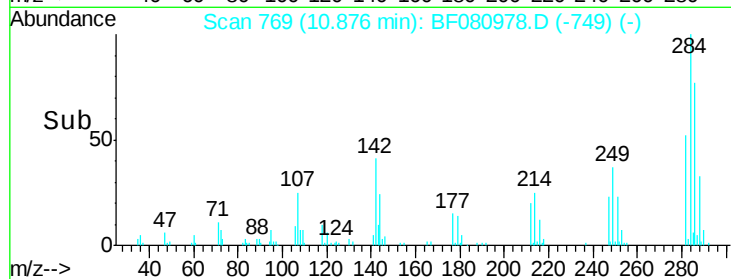
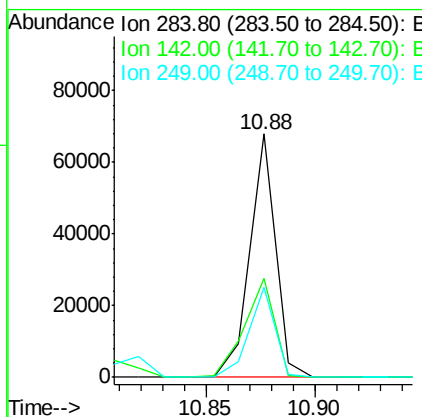
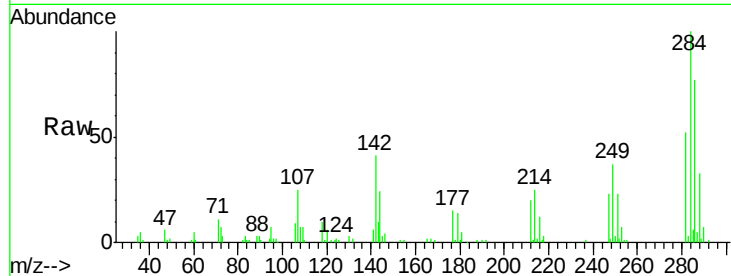
#67
Hexachlorobenzene
Concen: 25.95 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.07 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Instrument :
BNA_F
ClientSampleId :
PB84980BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	55913		
142	40.5	12.8	19.2	#
249	36.8	22.5	33.7	#

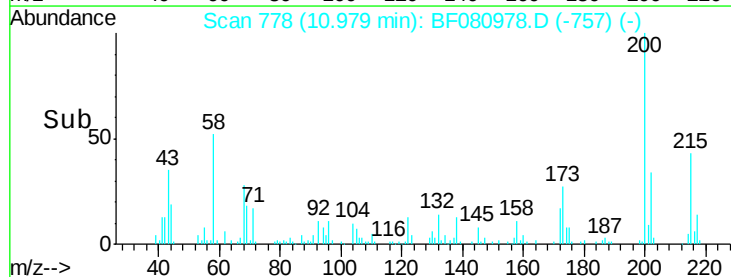
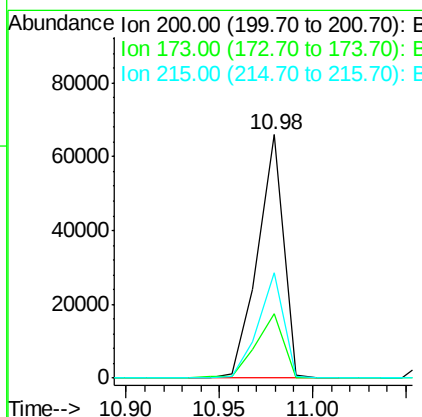
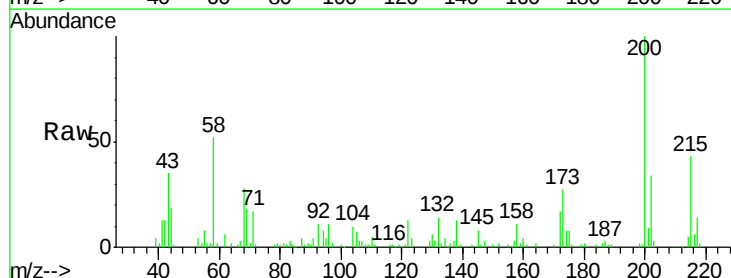
Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#68
Atrazine
Concen: 33.83 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.06 min
Lab File: BF080978.D
Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	63062		
173	26.6	8.4	48.4	
215	43.4	22.7	62.7	





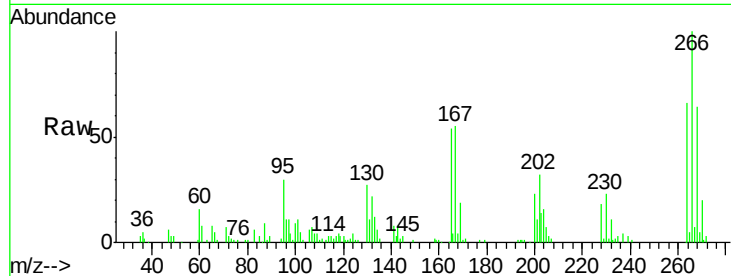
#69
 Pentachlorophenol
 Concen: 52.86 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.06 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

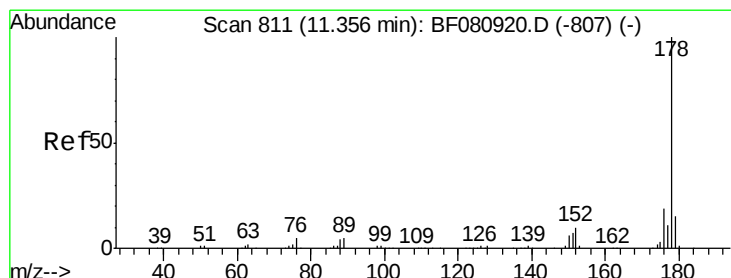
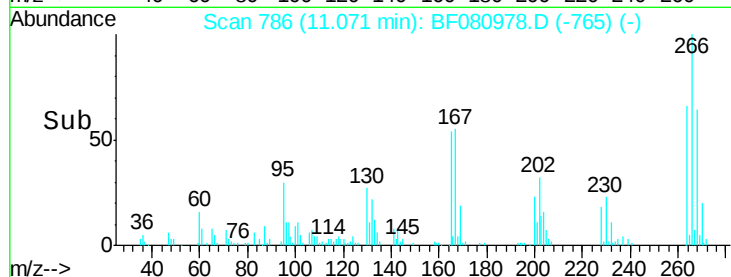
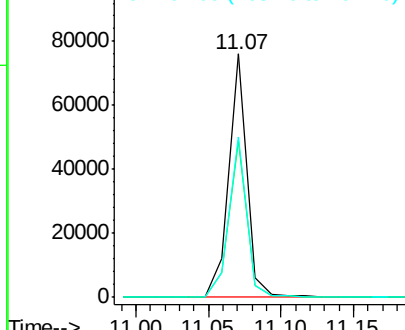
Tot Ion	Ratio	Resp	Lower	Upper
266	100	66230		
268	64.1		51.6	77.4
264	66.0		50.1	75.1

Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:08:28 PM

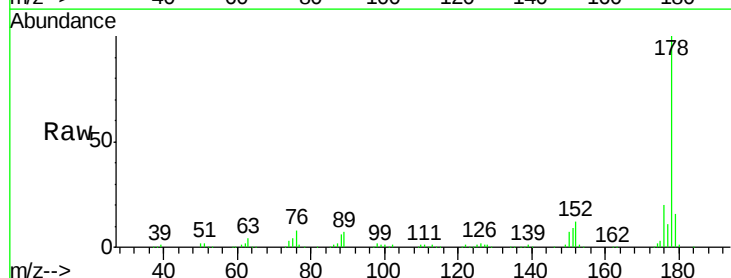


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

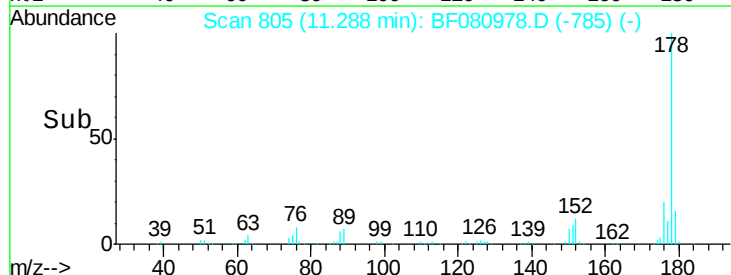
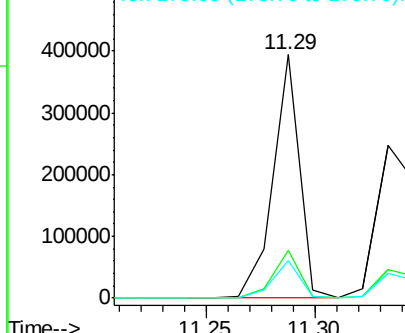


#70
 Phenanthrene
 Concen: 32.54 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.07 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	337221		
176	19.7		15.6	23.4
179	15.6		11.9	17.9



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





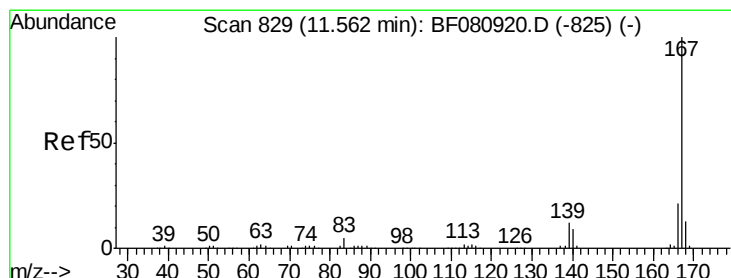
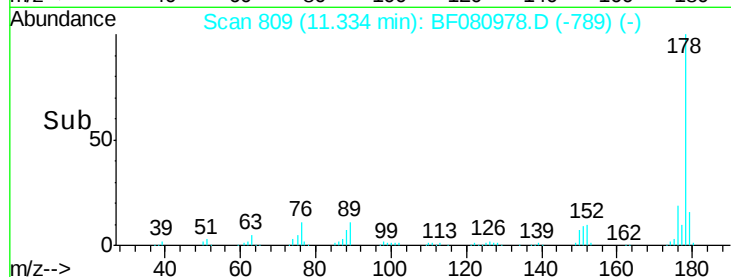
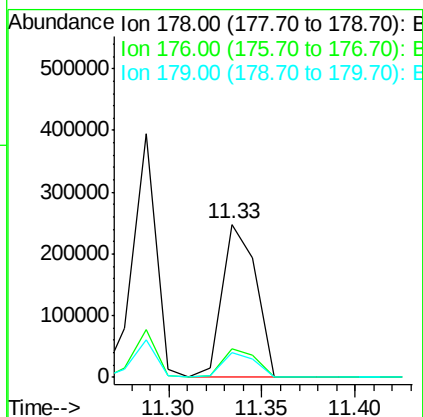
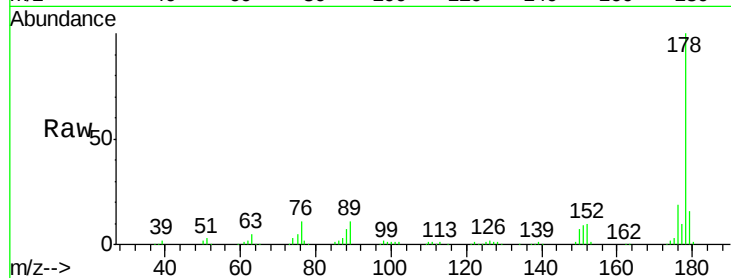
#71
 Anthracene
 Concen: 30.71 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.07 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampled :
 PB84980BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.9	12.6	18.8

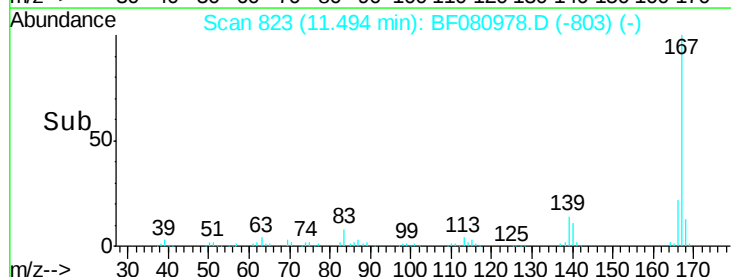
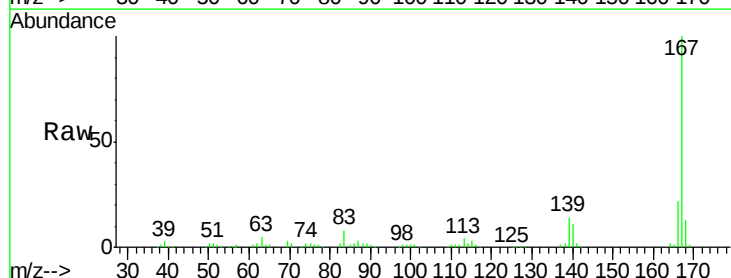
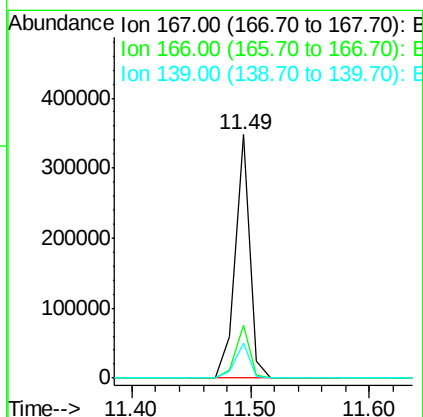
Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:08:28 PM



#72
 Carbazole
 Concen: 29.71 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.07 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	14.3	9.2	13.8#





#73

Di-n-butylphthalate

Concen: 30.07 ng

RT: 11.84 min Scan# 853

Delta R.T. -0.06 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

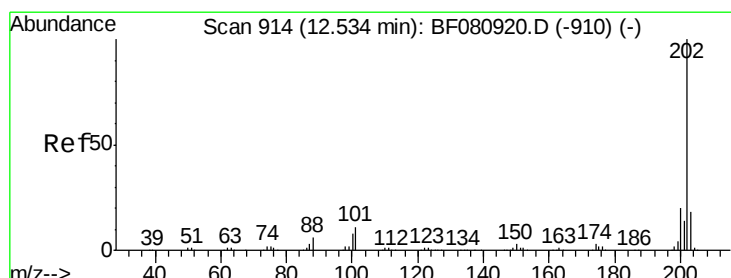
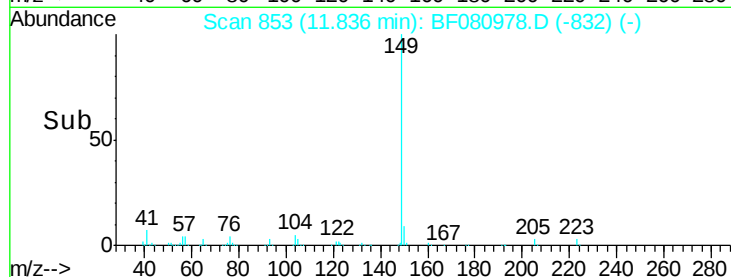
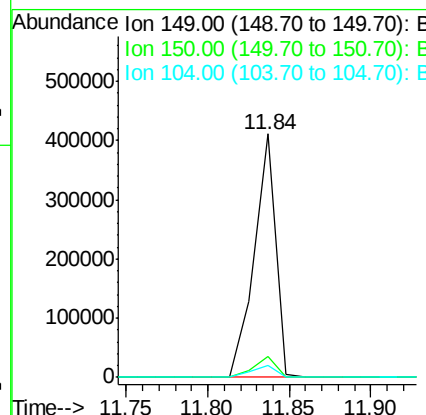
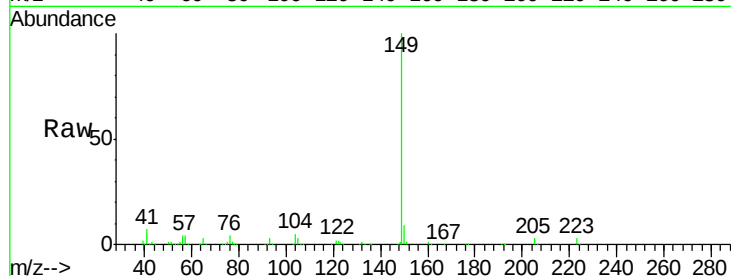
ClientSampleID :

PB84980BS

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM

Tot Ion:	149	Resp:	375576
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.6	11.4
104	4.7	4.4	6.6



#74

Fluoranthene

Concen: 35.13 ng

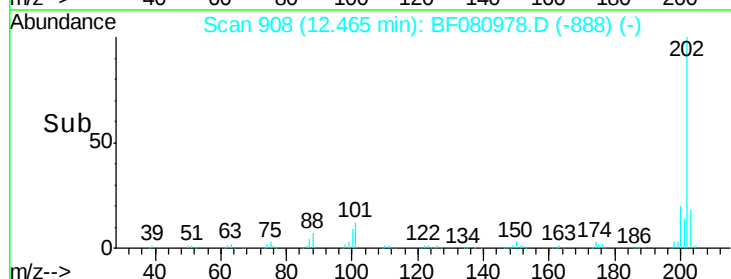
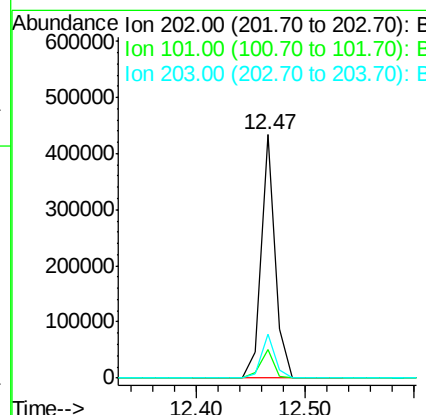
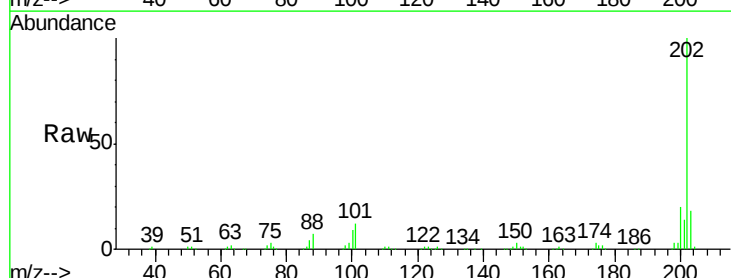
RT: 12.47 min Scan# 908

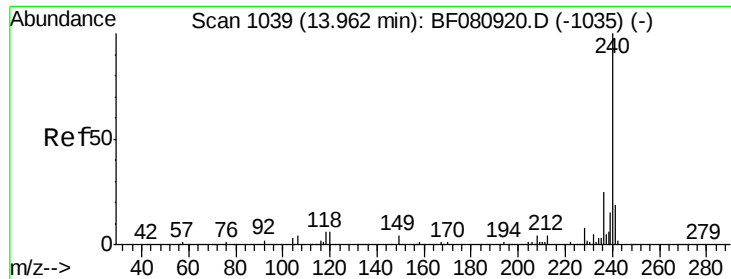
Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion:	202	Resp:	393526
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	30.5
203	18.0	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

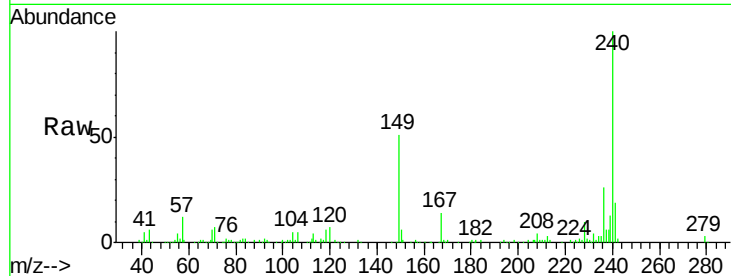
ClientSampleId :

PB84980BS

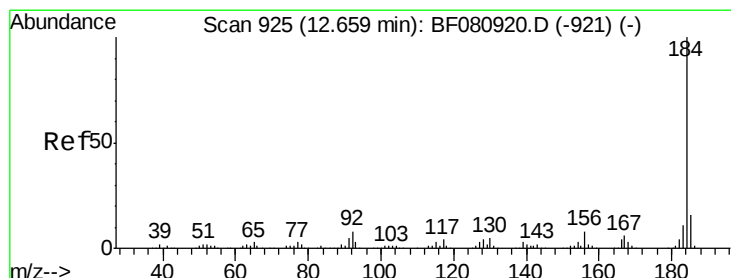
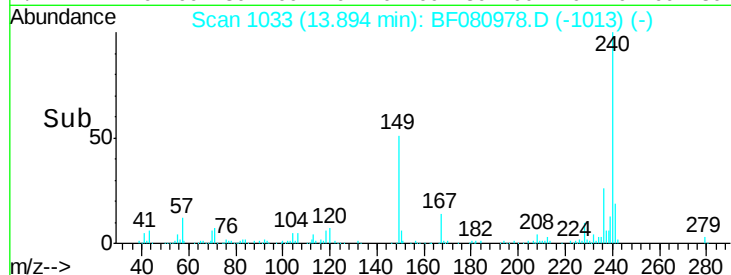
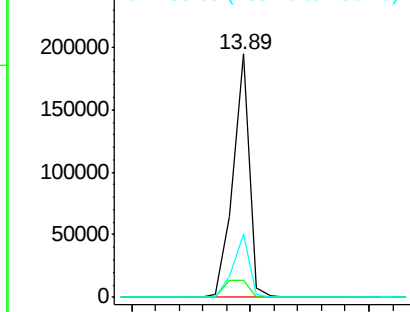
Tot Ion:	240	Resp:	186845
Ion Ratio	Lower	Upper	
240	100		
120	7.1	5.2	7.8
236	25.7	20.2	30.4

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



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



#76

Benzidine

Concen: 16.97 ng

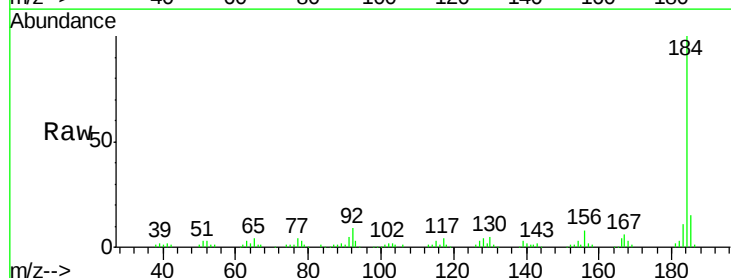
RT: 12.59 min Scan# 919

Delta R.T. -0.07 min

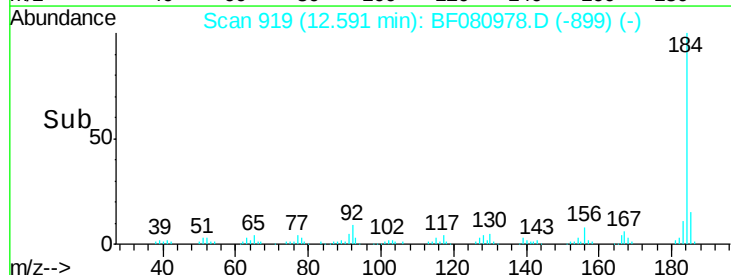
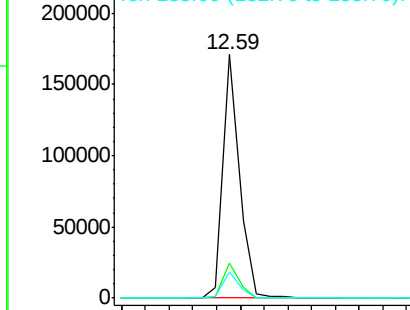
Lab File: BF080978.D

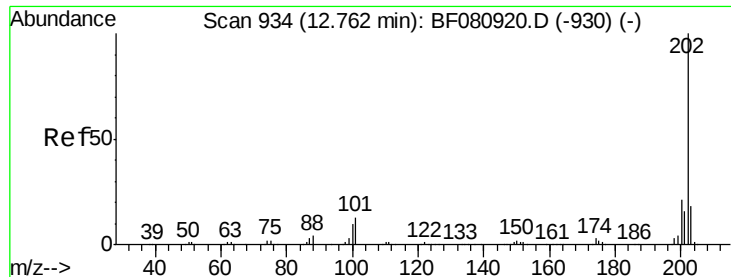
Acq: 13 Aug 2015 13:12

Tgt Ion:	184	Resp:	163947
Ion Ratio	Lower	Upper	
184	100		
185	14.6	13.0	19.4
183	10.6	8.7	13.1



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





#77

Pvrene

Concen: 27.90 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

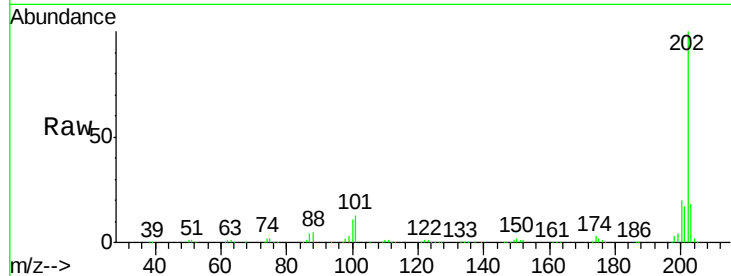
ClientSampleId :

PB84980BS

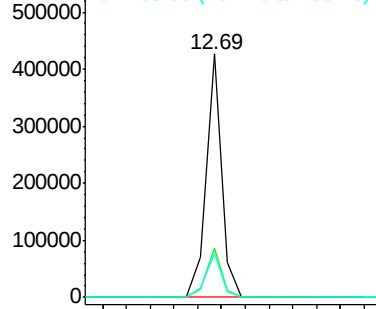
Tot Ion:	202	Resp:	385062
Ion Ratio		Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.8	14.2	21.2

Manual Integrations
APPROVED

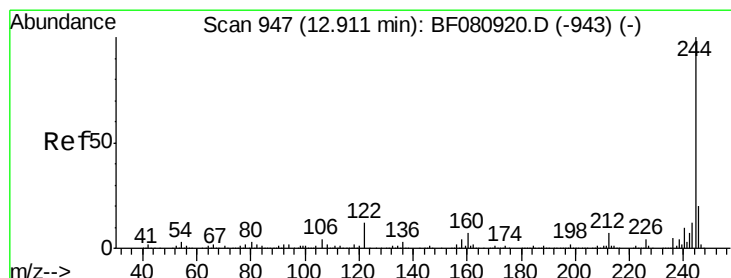
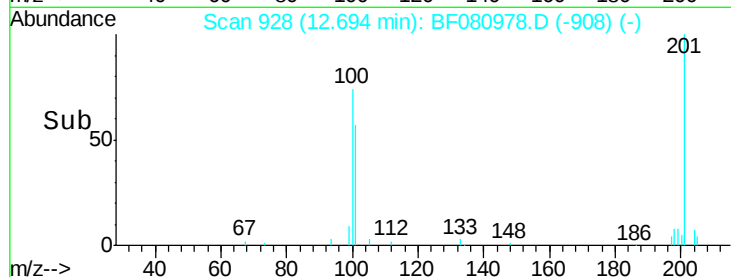
MMDadoda
8/14/2015 3:08:28 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.60 12.70 12.80



#78

Terphenyl-d14

Concen: 53.93 ng

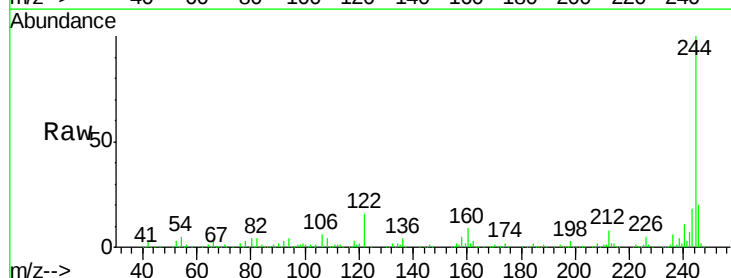
RT: 12.84 min Scan# 941

Delta R.T. -0.07 min

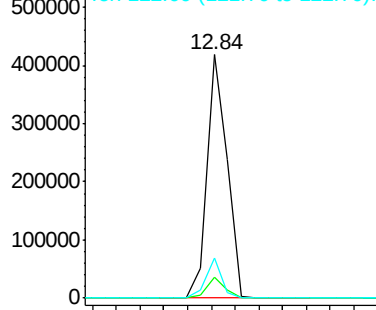
Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

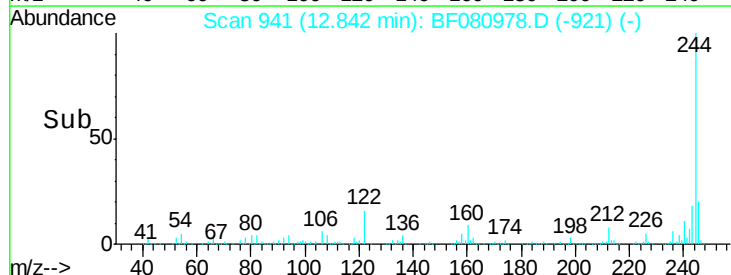
Tgt Ion:	244	Resp:	487832
Ion Ratio		Lower	Upper
244	100		
212	8.3	5.8	8.8
122	16.3	9.4	14.2#

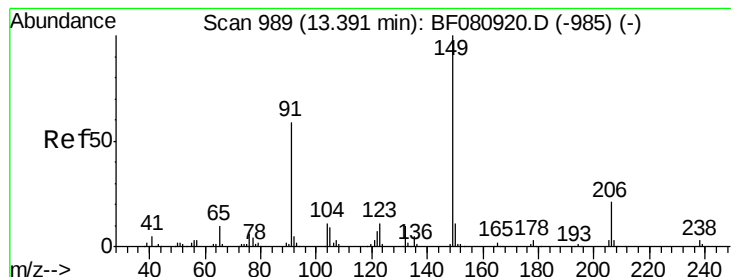


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90





#79

Butylbenzylphthalate

Concen: 25.75 ng

RT: 13.32 min Scan# 983

Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

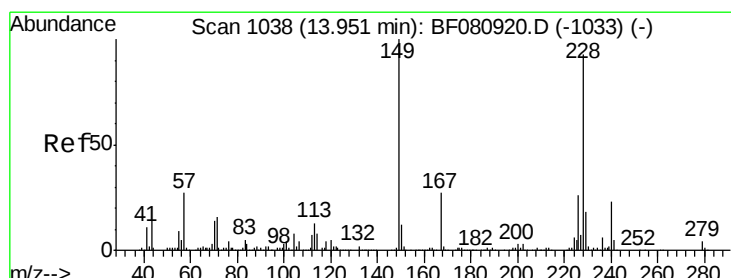
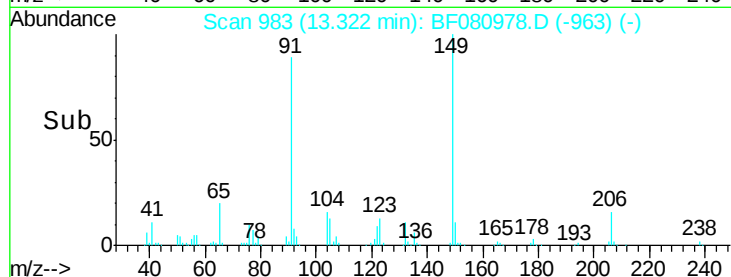
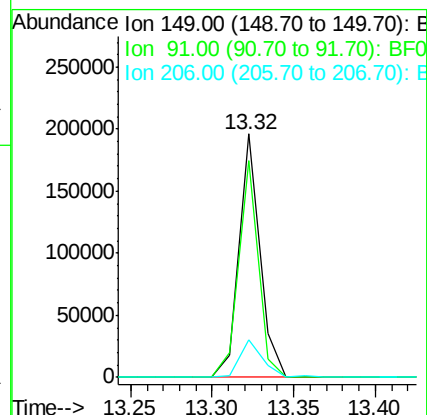
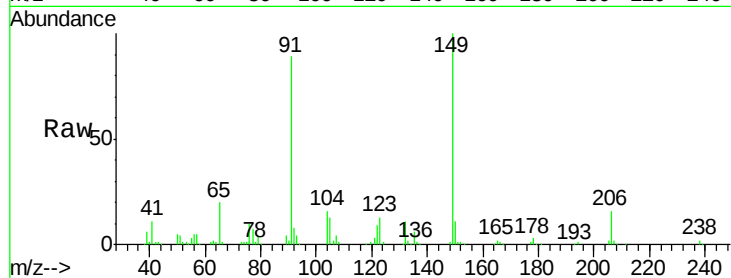
ClientSampleID :

PB84980BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		171365		
91	89.0	47.2	70.8#		
206	15.5	16.5	24.7#		

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#80

Benzo(a)anthracene

Concen: 35.54 ng

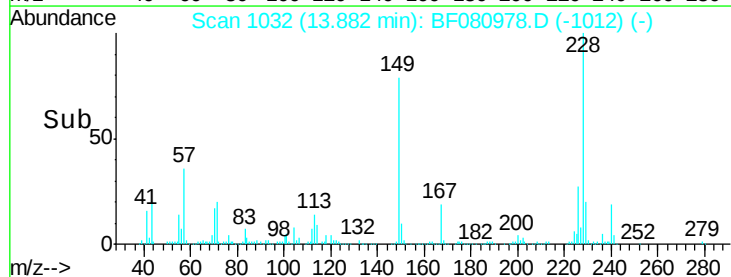
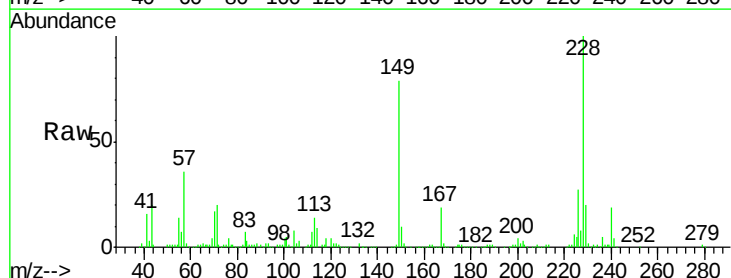
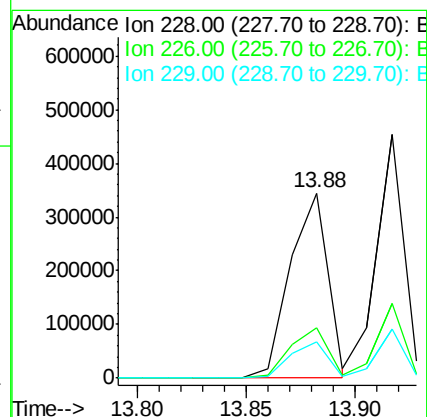
RT: 13.88 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		419463		
226	27.4	22.2	33.2		
229	19.9	15.8	23.6		





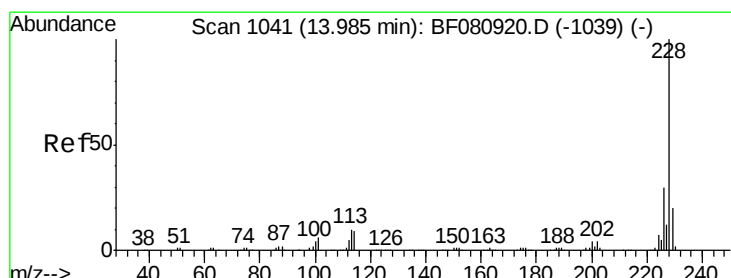
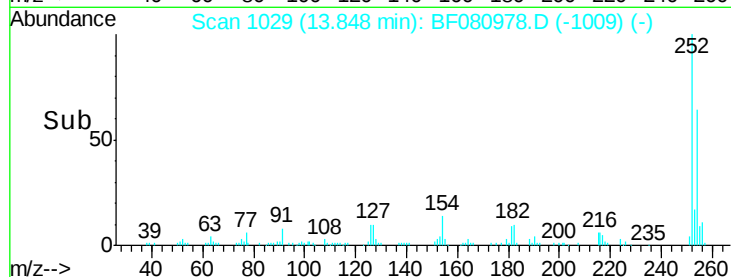
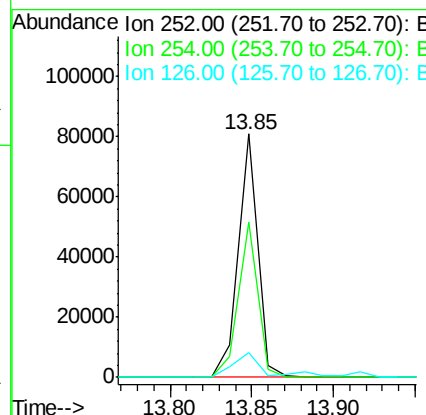
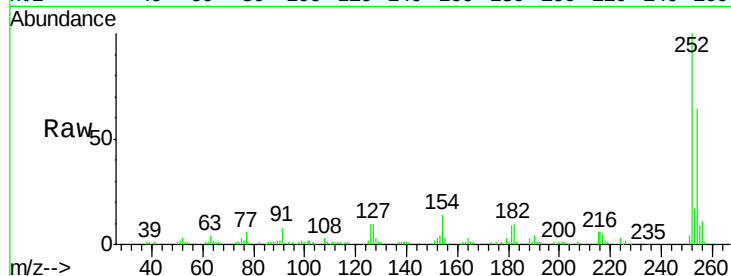
#81
 3,3'-Dichlorobenzidine
 Concen: 15.47 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.07 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampled :
 PB84980BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.7	77.5
126	10.1	7.1	10.7

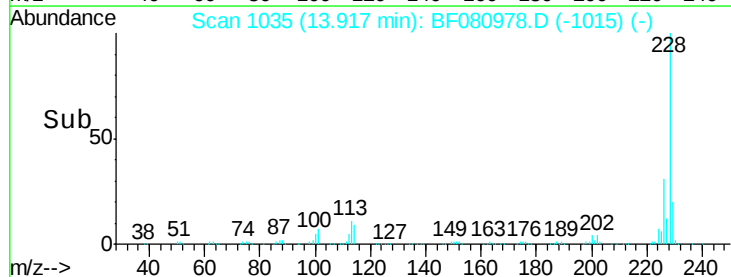
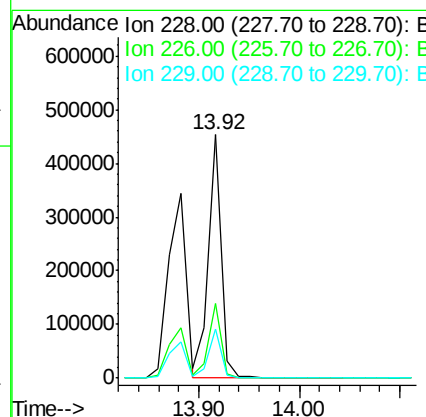
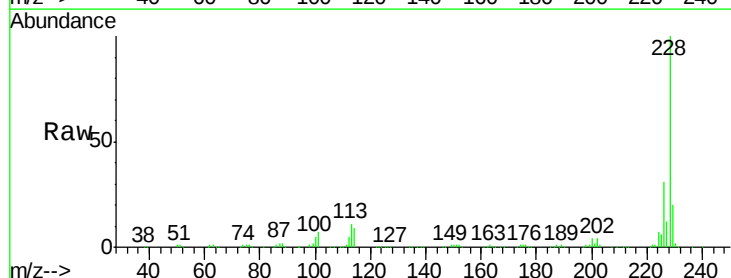
Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:08:28 PM



#82
 Chrysene
 Concen: 35.78 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.07 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.9	35.9
229	20.2	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.69 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.07 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

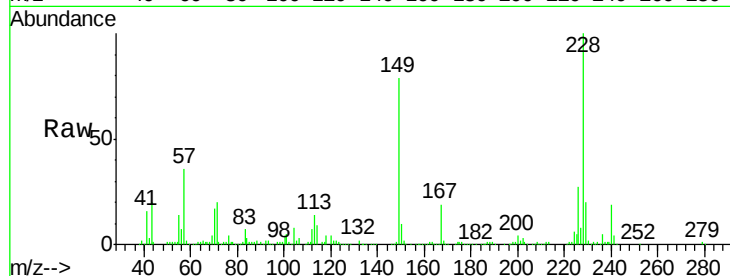
ClientSampleId :

PB84980BS

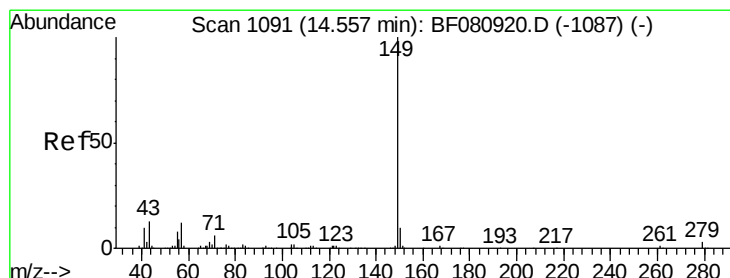
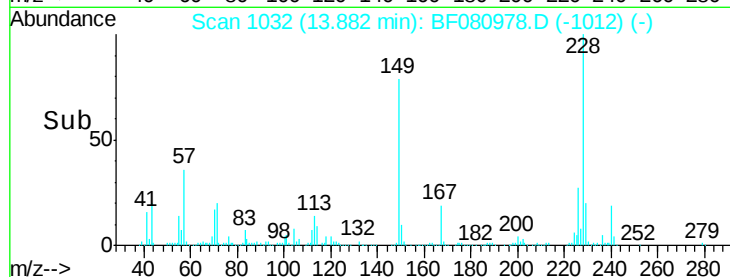
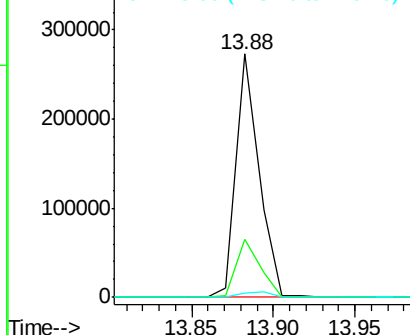
Tot Ion:	149	Resp:	265664
Ion Ratio		Lower	Upper
149	100		
167	23.9	21.4	32.0
279	1.5	2.9	4.3#

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 30.18 ng

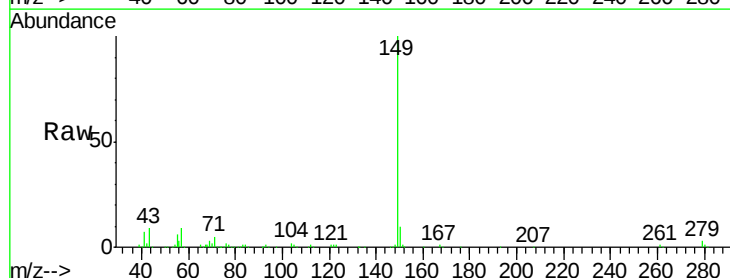
RT: 14.50 min Scan# 1086

Delta R.T. -0.06 min

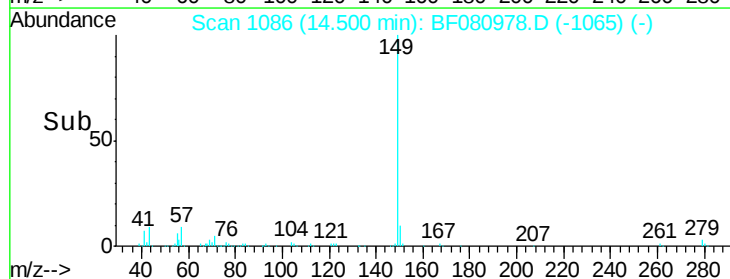
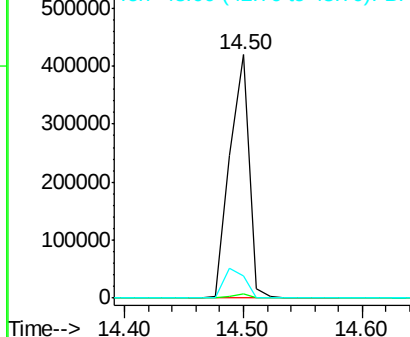
Lab File: BF080978.D

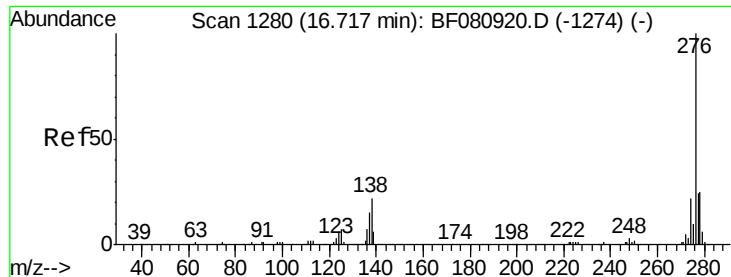
Acq: 13 Aug 2015 13:12

Tgt Ion:	149	Resp:	473790
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.1	1.7
43	13.6	11.0	16.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





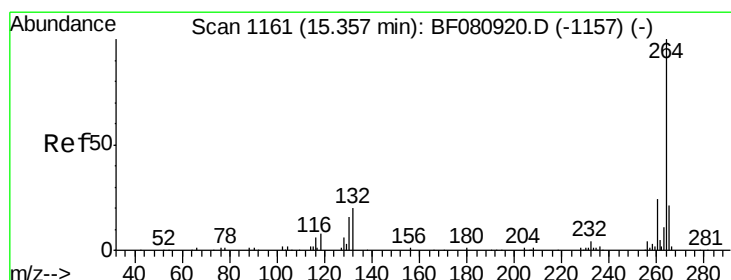
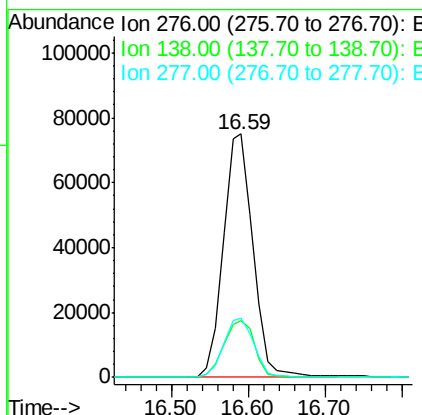
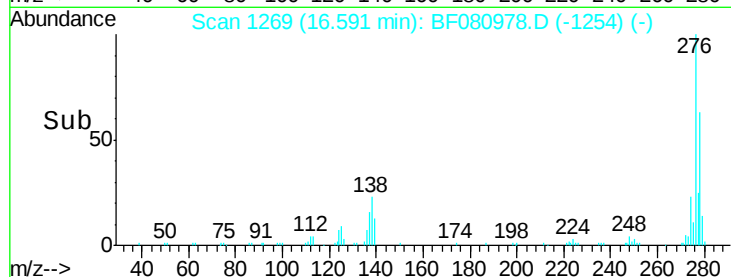
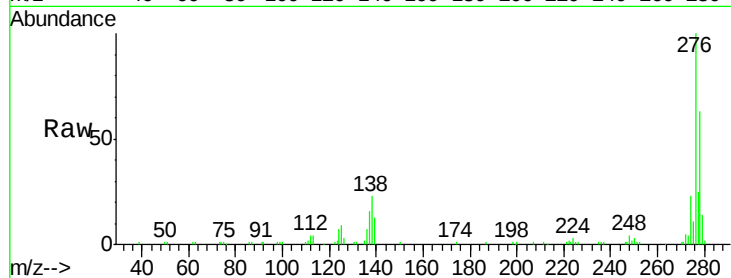
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.93 ng
 RT: 16.59 min Scan# 1269
 Delta R.T. -0.13 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	24.3		19.9	29.9	
277	24.6		19.7	29.5	

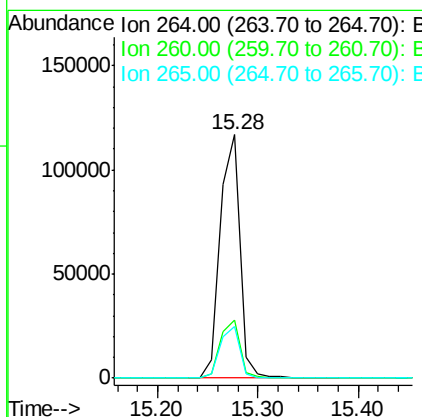
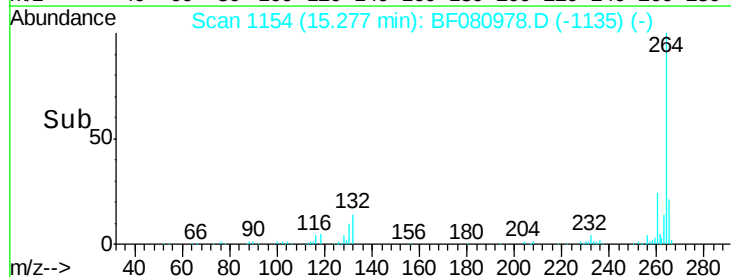
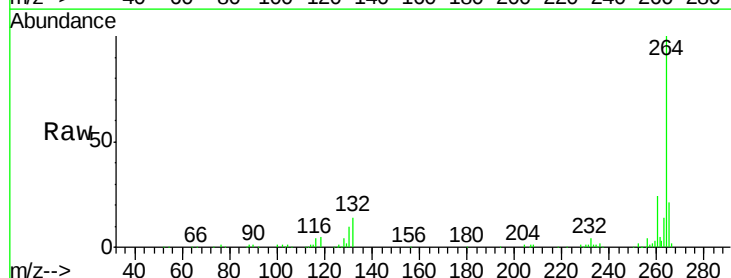
Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:08:28 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.08 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.0		19.4	29.0	
265	21.0		17.0	25.4	





#87

Benzo(b)fluoranthene

Concen: 34.04 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.08 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

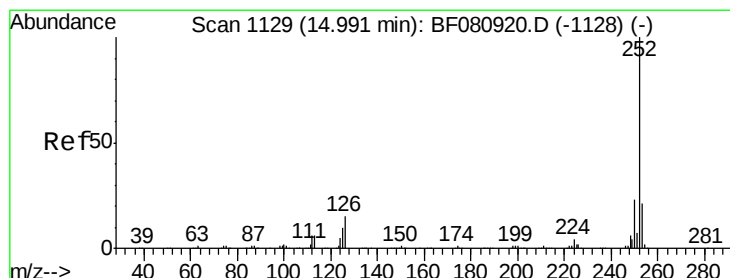
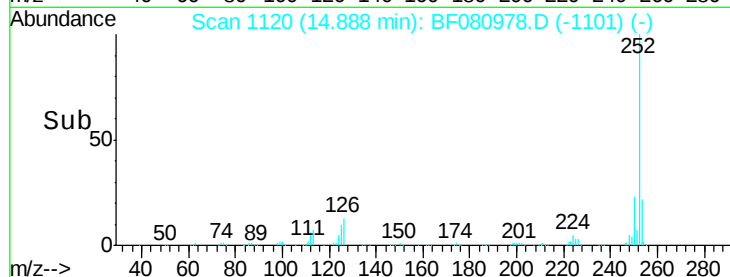
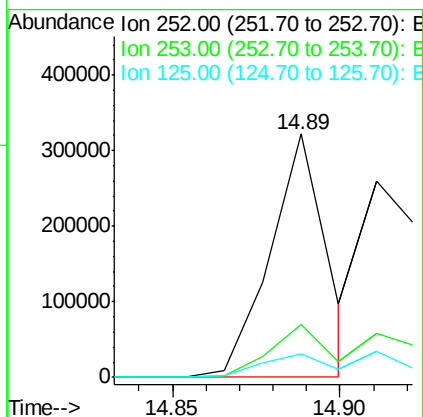
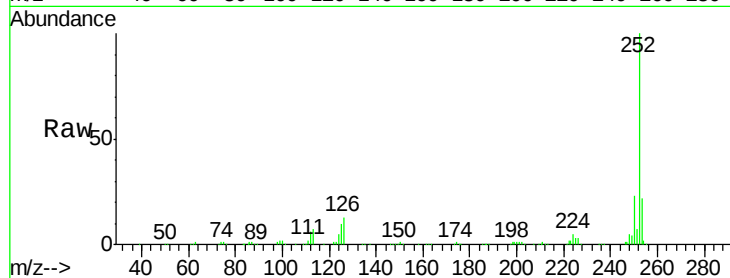
ClientSampleId :

PB84980BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.8	6.1	9.1#

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#88

Benzo(k)fluoranthene

Concen: 33.87 ng m

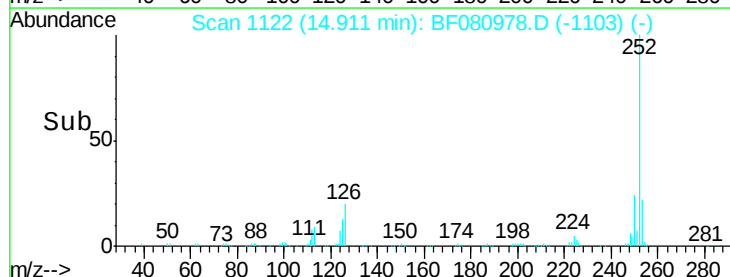
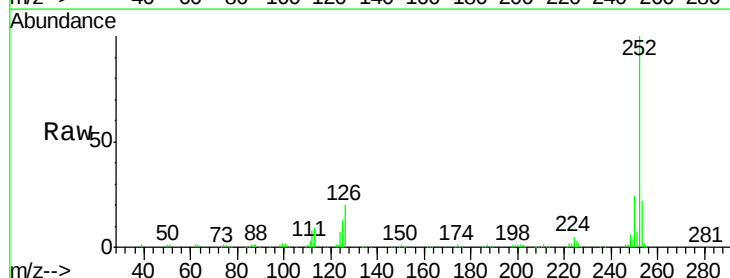
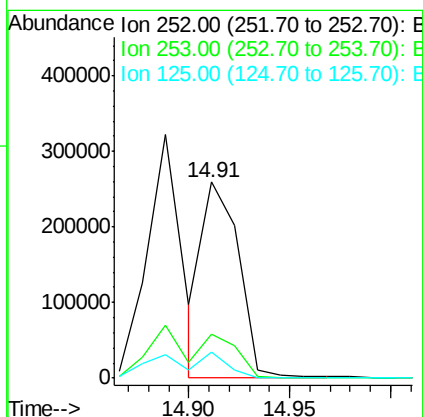
RT: 14.91 min Scan# 1122

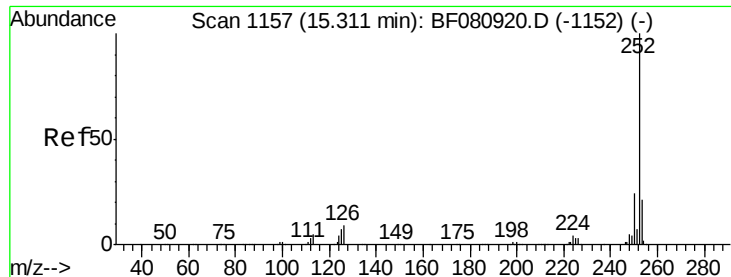
Delta R.T. -0.08 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	13.3	9.0	13.6





#89

Benzo(a)pyrene

Concen: 36.77 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.09 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Instrument :

BNA_F

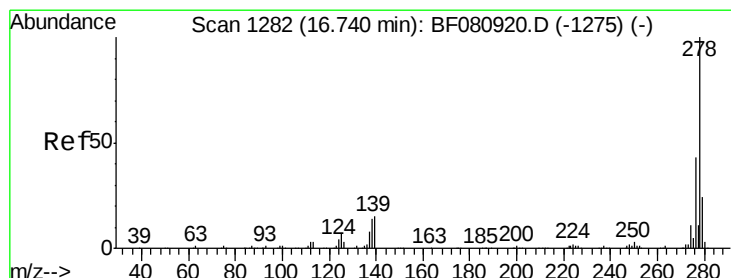
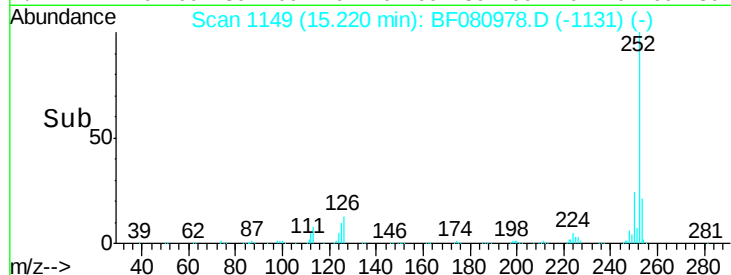
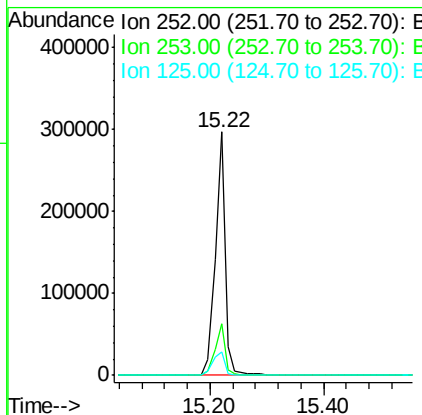
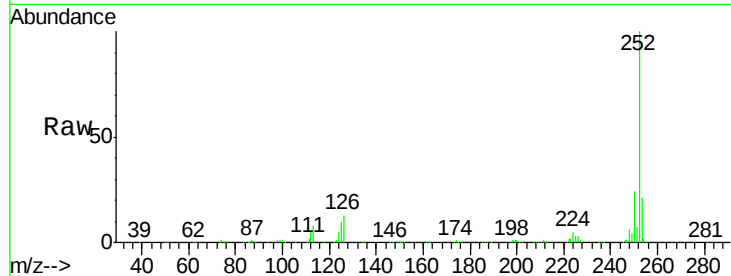
ClientSampleId :

PB84980BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	352295		
253	21.1	16.9	25.3	
125	9.9	5.8	8.8	

Manual Integrations
APPROVED

MMDadoda
8/14/2015 3:08:28 PM



#90

Dibenzo(a,h)anthracene

Concen: 20.22 ng

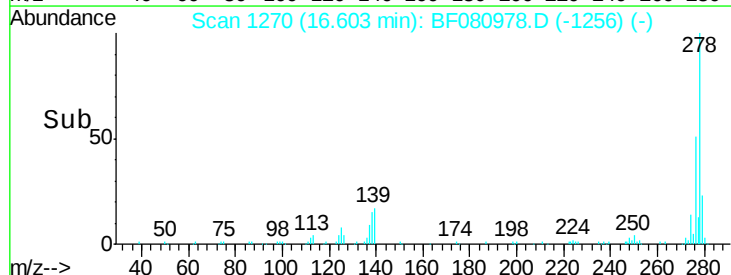
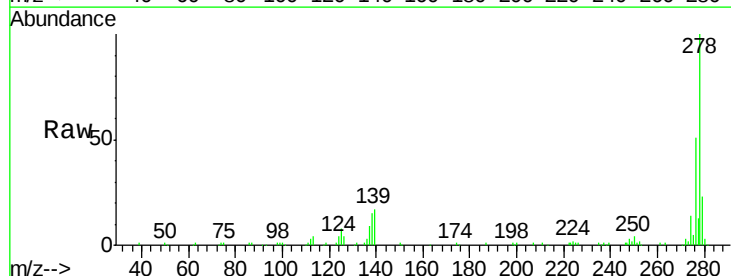
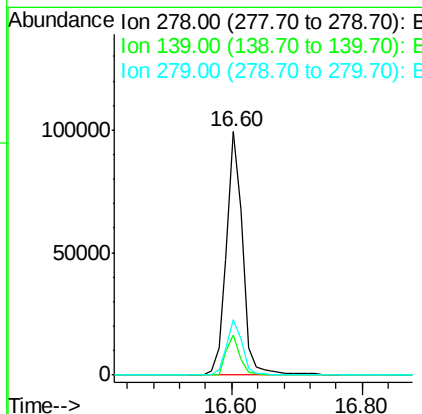
RT: 16.60 min Scan# 1270

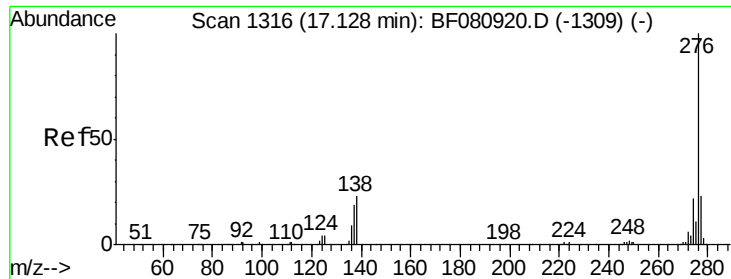
Delta R.T. -0.14 min

Lab File: BF080978.D

Acq: 13 Aug 2015 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	171294		
139	16.6	11.9	17.9	
279	22.9	19.0	28.6	





#91
 Benzo(a,h,i)perylene
 Concen: 19.39 ng
 RT: 16.98 min Scan# 1303
 Delta R.T. -0.15 min
 Lab File: BF080978.D
 Acq: 13 Aug 2015 13:12

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
277	23.3	18.6	28.0		
138	23.6	18.4	27.6		

Manual Integrations
 APPROVED

MMDadoda
 8/14/2015 3:08:28 PM

