

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079571.D
 Acq On : 29 May 2015 20:35
 Operator : TP/IZ
 Sample : G2419-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:21:08 PM

Quant Time: May 30 00:20:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	104057	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	431113	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	215539	20.00	ng	0.00
63) Phenanthrene-d10	12.53	188	378823	20.00	ng	0.00
75) Chrysene-d12	15.86	240	354540	20.00	ng	-0.01
86) Perylene-d12	17.77	264	365522	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	257769	42.97	ng	0.00
7) Phenol-d6	6.55	99	209874	27.45	ng	0.00
23) Nitrobenzene-d5	7.66	82	450087	60.35	ng	0.00
41) 2,4,6-Tribromophenol	11.68	330	216466	91.44	ng	0.00
44) 2-Fluorobiphenyl	9.88	172	884775	58.56	ng	0.00
78) Terphenyl-d14	14.53	244	810093	53.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.78	88	36413	12.76	ng	# 100
3) Pyridine	2.46	79	49995	7.96	ng	# 89
4) n-Nitrosodimethylamine	2.36	42	33279	10.75	ng	# 92
6) Aniline	6.55	93	126064	11.62	ng	99
8) 2-Chlorophenol	6.68	128	169998	24.34	ng	96
9) Benzaldehyde	6.40	77	23836	3.57	ng	98
10) Phenol	6.57	94	81231	9.02	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	211875	32.53	ng	97
12) 1,3-Dichlorobenzene	6.87	146	205418	26.55	ng	99
13) 1,4-Dichlorobenzene	6.97	146	212608	26.94	ng	99
14) 1,2-Dichlorobenzene	7.15	146	200604	27.37	ng	97
15) Benzyl Alcohol	7.15	79	113765	20.24	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.32	45	289496	30.37	ng	91
17) 2-Methylphenol	7.31	107	115812	21.11	ng	96
18) Hexachloroethane	7.56	117	69044	25.42	ng	99
19) n-Nitroso-di-n-propylamine	7.48	70	164034	30.49	ng	# 93
20) 3+4-Methylphenols	7.51	107	138046	18.31	ng	90
22) Acetophenone	7.47	105	312369	32.34	ng	# 91
24) Nitrobenzene	7.68	77	228311	31.06	ng	# 86
25) Isophorone	7.98	82	400471	29.46	ng	94
26) 2-Nitrophenol	8.07	139	106355	30.56	ng	# 88
27) 2,4-Dimethylphenol	8.16	122	167725	26.81	ng	95
28) bis(2-Chloroethoxy)methane	8.26	93	256854	30.49	ng	98
29) 2,4-Dichlorophenol	8.38	162	168931	29.48	ng	95
30) 1,2,4-Trichlorobenzene	8.47	180	178316	30.00	ng	94
31) Naphthalene	8.56	128	608823	29.43	ng	99
32) Benzoic acid	8.27	122	36575	9.42	ng	97
33) 4-Chloroaniline	8.65	127	122231	14.14	ng	# 94
34) Hexachlorobutadiene	8.71	225	93779	27.74	ng	98
35) Caprolactam	9.10	113	8314	4.60	ng	97
36) 4-Chloro-3-methylphenol	9.27	107	159422	26.82	ng	# 83
37) 2-Methylnaphthalene	9.42	142	444650	30.96	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	176884	29.34	ng	# 100
40) Hexachlorocyclopentadiene	9.61	237	92711	58.72	ng	93

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079571.D
 Acq On : 29 May 2015 20:35
 Operator : TP/IZ
 Sample : G2419-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

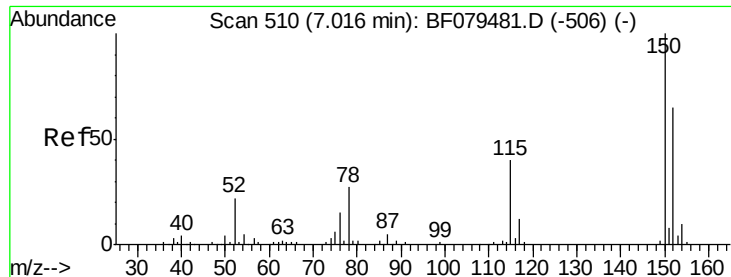
Manual Integrations
 APPROVED

apatel
 6/1/2015 4:21:08 PM

Quant Time: May 30 00:20:04 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 23:13:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.78	196	117388	27.88	nq	97
43) 2,4,5-Trichlorophenol	9.83	196	123658	29.51	nq	# 87
45) 1,1'-Biphenyl	10.00	154	529370	31.45	nq	98
46) 2-Chloronaphthalene	10.01	162	386407	29.06	nq	97
47) 2-Nitroaniline	10.16	65	113726	28.77	nq	# 62
48) Acenaphthylene	10.52	152	637794	28.90	nq	99
49) Dimethylphthalate	10.40	163	483121	30.42	nq	99
50) 2,6-Dinitrotoluene	10.47	165	96158	30.31	nq	# 66
51) Acenaphthene	10.73	154	363245	28.78	nq	99
52) 3-Nitroaniline	10.67	138	58850	14.26	nq	# 77
53) 2,4-Dinitrophenol	10.81	184	73213	62.43	nq	# 82
54) Dibenzofuran	10.95	168	552930	29.71	nq	98
55) 4-Nitrophenol	10.92	139	40357m	17.63	nq	
56) 2,4-Dinitrotoluene	10.97	165	131974	31.01	nq	# 76
57) Fluorene	11.37	166	447227	29.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.12	232	92677	30.39	nq	# 100
59) Diethylphthalate	11.27	149	449732	28.93	nq	97
60) 4-Chlorophenyl-phenylether	11.38	204	204296	30.82	nq	94
61) 4-Nitroaniline	11.43	138	81615	21.23	nq	84
62) Azobenzene	11.58	77	470314	31.10	nq	97
64) 4,6-Dinitro-2-methylphenol	11.47	198	53417	30.82	nq	78
65) n-Nitrosodiphenylamine	11.54	169	391633	31.13	nq	99
66) 4-Bromophenyl-phenylether	11.99	248	126215	32.36	nq	95
67) Hexachlorobenzene	12.05	284	142011	31.93	nq	96
68) Atrazine	12.23	200	113087	33.27	nq	98
69) Pentachlorophenol	12.31	266	115966	68.06	nq	99
70) Phenanthrene	12.56	178	629275	30.28	nq	99
71) Anthracene	12.62	178	628231	29.77	nq	99
72) Carbazole	12.83	167	586463	28.87	nq	99
73) Di-n-butylphthalate	13.29	149	703821	30.33	nq	99
74) Fluoranthene	14.03	202	652585	29.28	nq	98
77) Pyrene	14.31	202	671297	30.56	nq	99
79) Butylbenzylphthalate	15.17	149	295336	29.90	nq	95
80) Benzo(a)anthracene	15.85	228	596865	29.26	nq	99
81) 3,3'-Dichlorobenzidine	15.84	252	27686	3.71	nq	# 96
82) Chrysene	15.90	228	577431	29.79	nq	99
83) Bis(2-ethylhexyl)phthalate	15.93	149	422102	29.83	nq	99
84) Di-n-octyl phthalate	16.81	149	717248	29.12	nq	100
85) Indeno(1,2,3-cd)pyrene	19.17	276	732620	29.38	nq	99
87) Benzo(b)fluoranthene	17.27	252	629999	30.22	nq	98
88) Benzo(k)fluoranthene	17.31	252	571708	30.67	nq	99
89) Benzo(a)pyrene	17.70	252	598354	32.18	nq	98
90) Dibenzo(a,h)anthracene	19.19	278	600413	30.92	nq	99
91) Benzo(g,h,i)perylene	19.54	276	609685	31.91	nq	97

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



#1

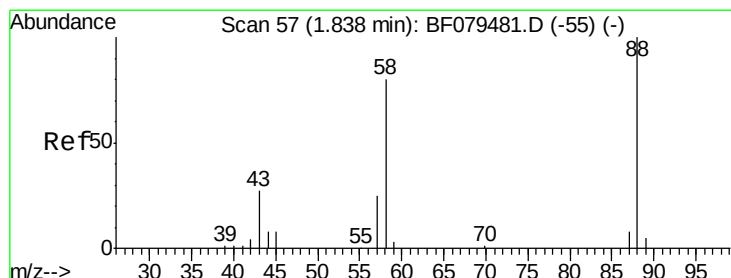
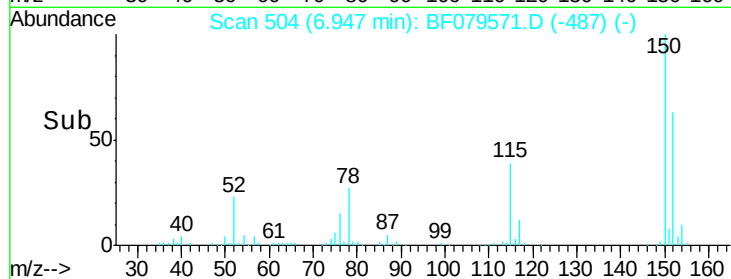
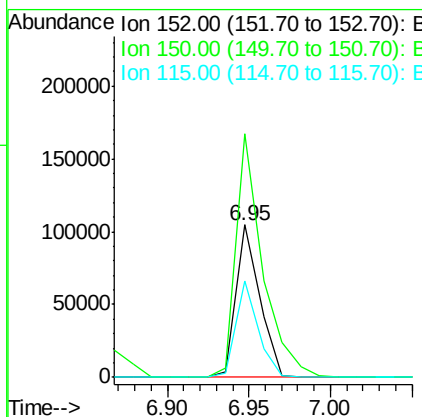
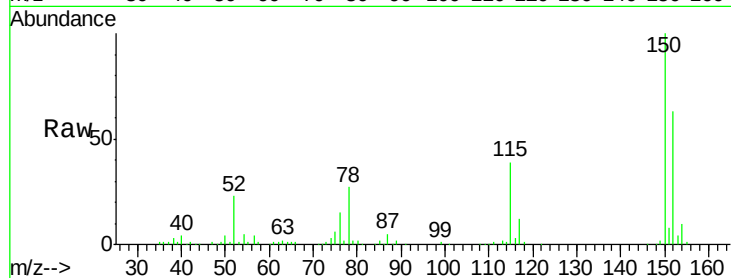
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.0	186.0
115	63.0	49.6	74.4

Manual Integrations
APPROVED

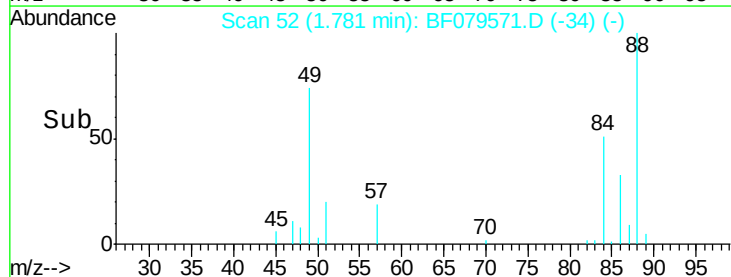
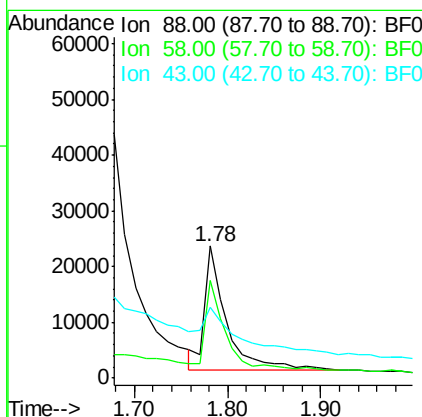
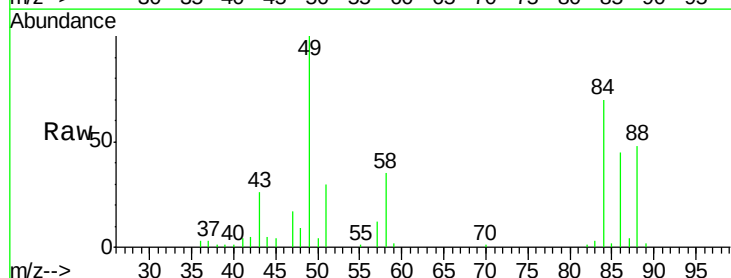
apatel
6/1/2015 4:21:08 PM

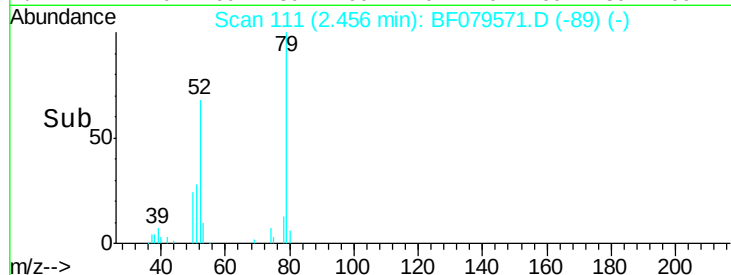
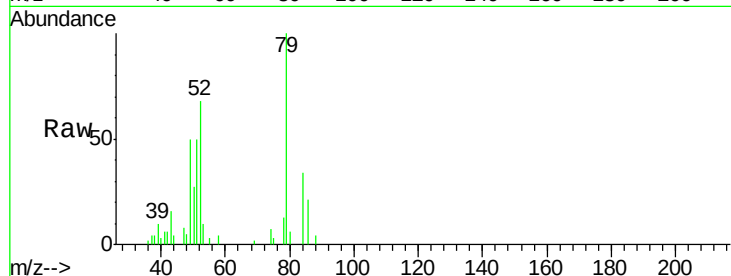
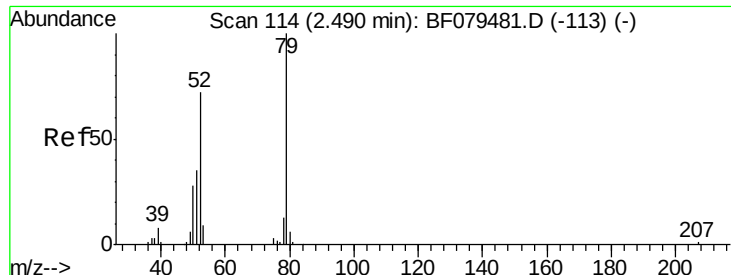


#2

1,4-Dioxane
Concen: 12.76 ng
RT: 1.78 min Scan# 52
Delta R.T. 0.01 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	0.0	0.0#
43	66.6	0.0	0.0#





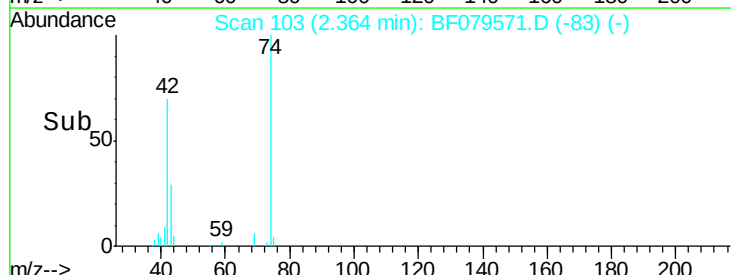
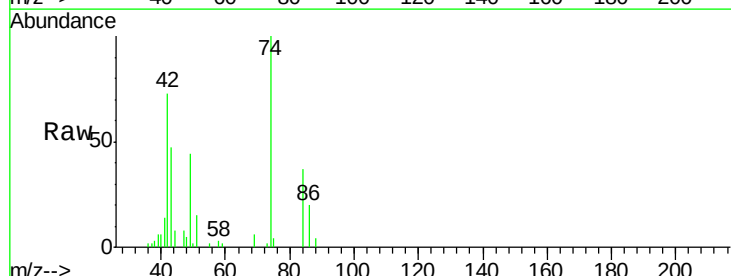
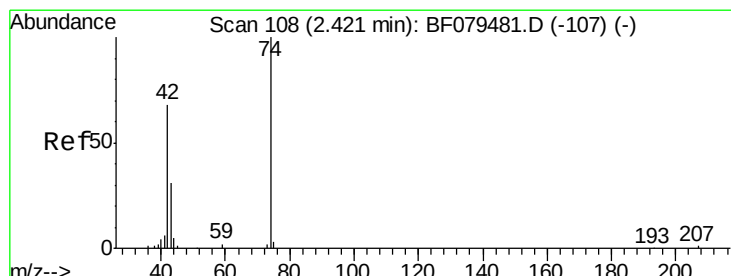
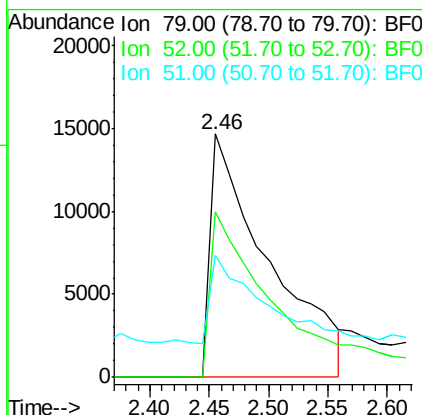
#3
Pvridine
Concen: 7.96 ng
RT: 2.46 min Scan# 111
Delta R.T. 0.06 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.2	57.4	86.2
51	50.3	29.4	44.0#

Instrument :
BNA_F
ClientSampleId :
MW-05MS

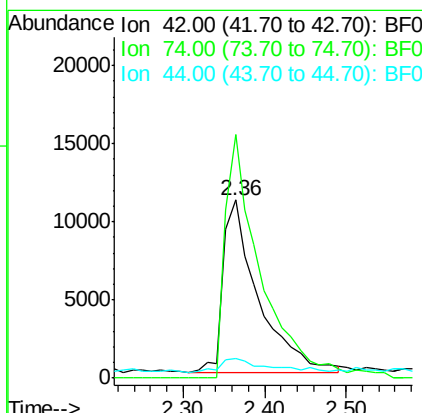
Manual Integrations
APPROVED

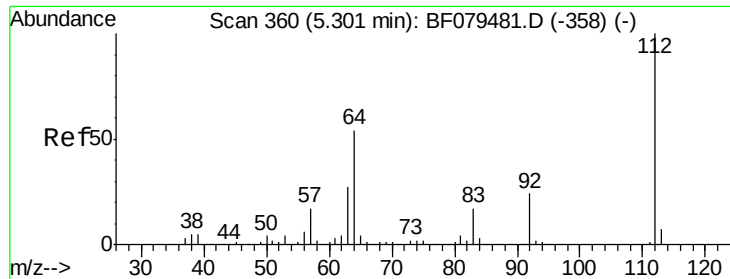
apatel
6/1/2015 4:21:08 PM



#4
n-Nitrosodimethylamine
Concen: 10.75 ng
RT: 2.36 min Scan# 103
Delta R.T. 0.03 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.9	117.6	176.4
44	11.3	6.9	10.3#





#5

2-Fluorophenol

Concen: 42.97 ng

RT: 5.23 min Scan# 354

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

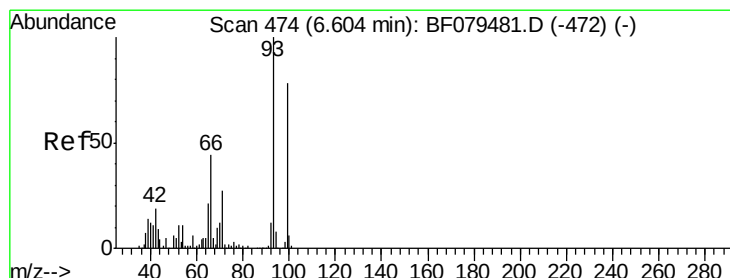
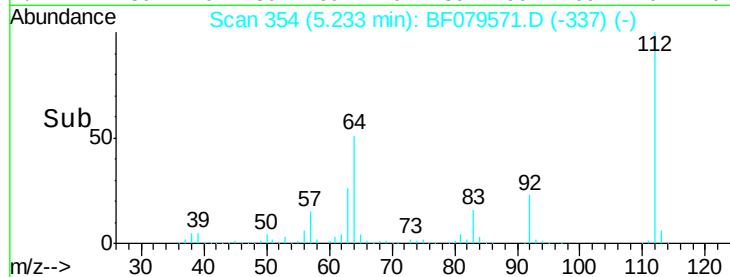
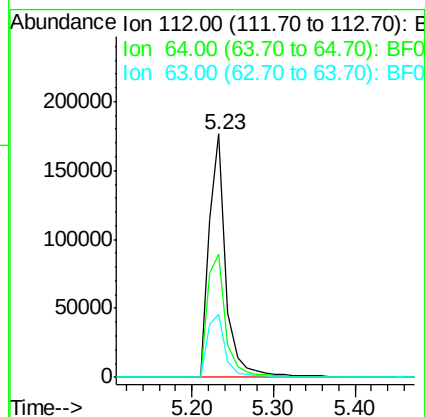
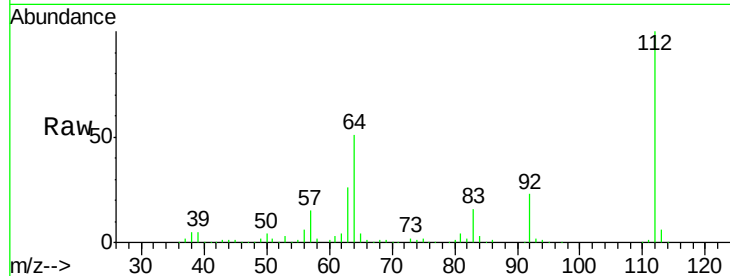
ClientSampleId :

MW-05MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		257769		
64	50.5		43.5	65.3	
63	25.9		21.8	32.8	

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



#6

Aniline

Concen: 11.62 ng

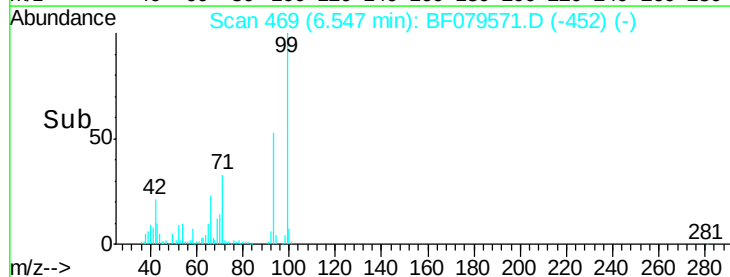
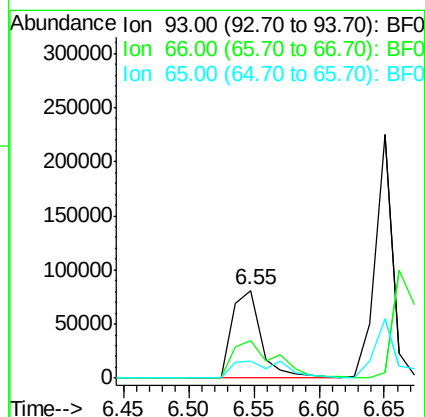
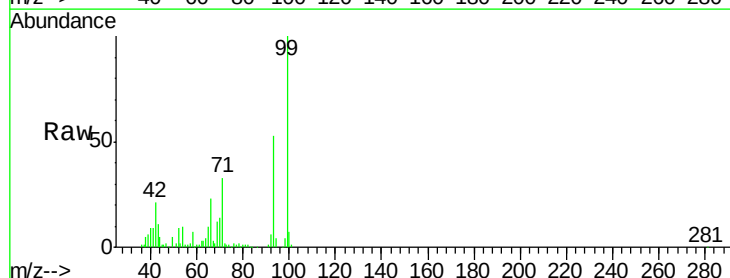
RT: 6.55 min Scan# 469

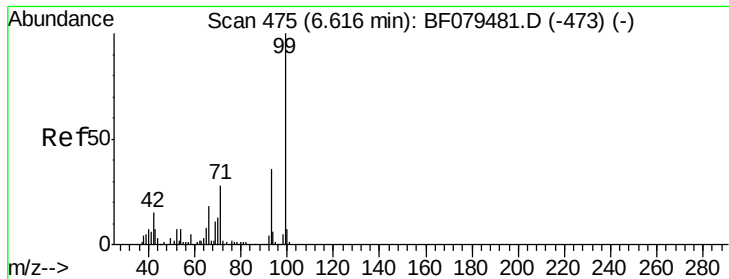
Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		126064		
66	43.0		34.8	52.2	
65	19.8		16.7	25.1	





#7

Phenol-d6

Concen: 27.45 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

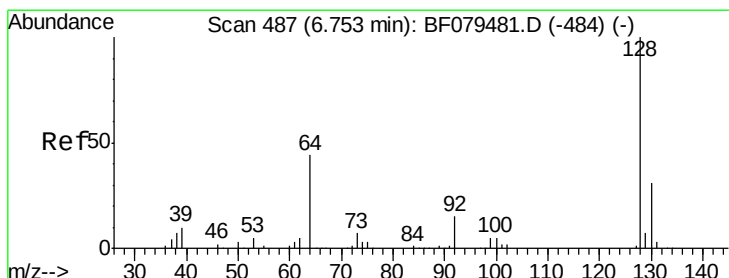
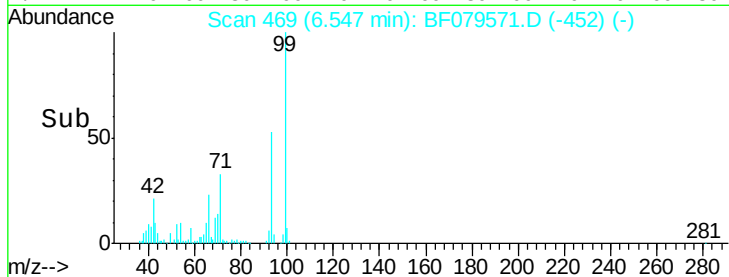
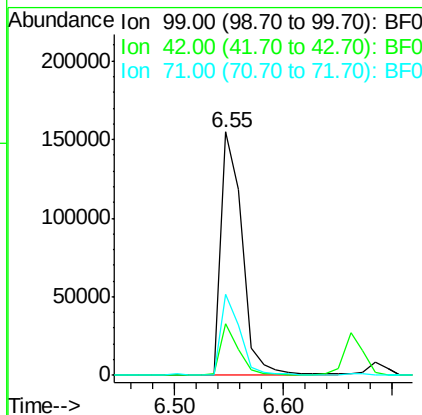
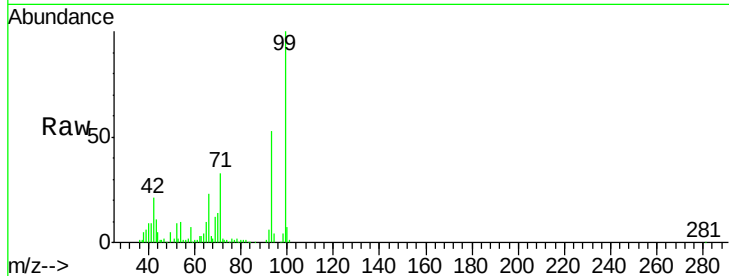
ClientSampleId :

MW-05MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		209874		
42	21.1	11.9	17.9#		
71	33.2	22.1	33.1#		

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



#8

2-Chlorophenol

Concen: 24.34 ng

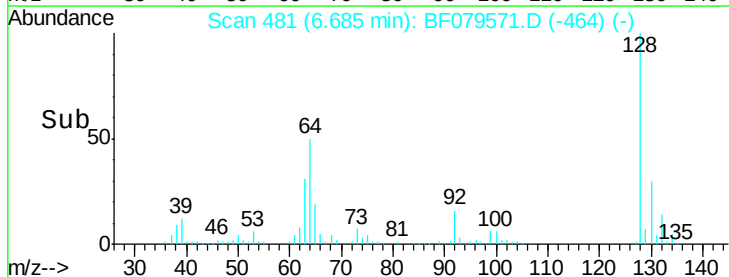
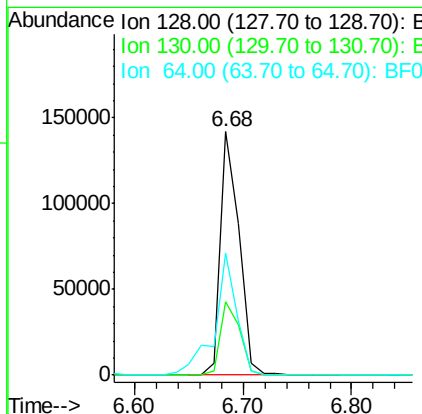
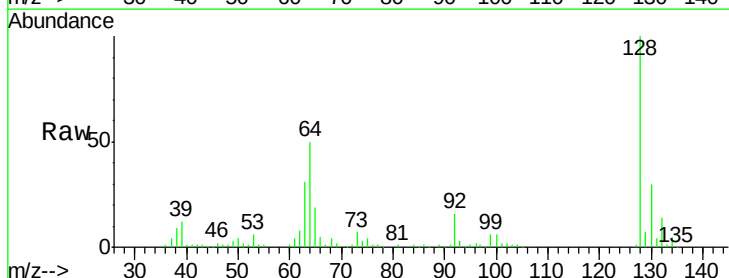
RT: 6.68 min Scan# 481

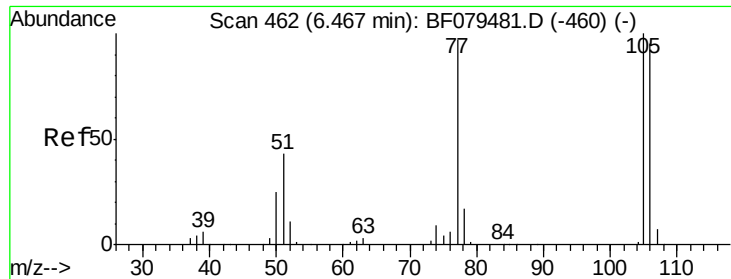
Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		169998		
130	30.3	11.4	51.4		
64	50.0	25.9	65.9		





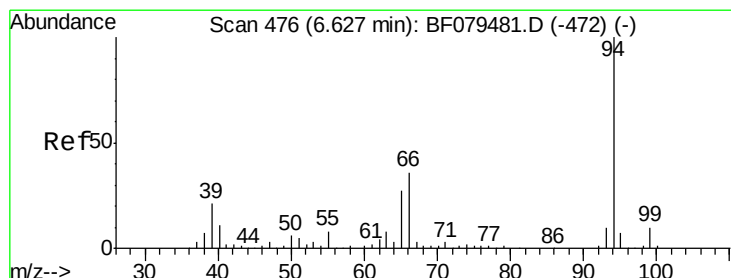
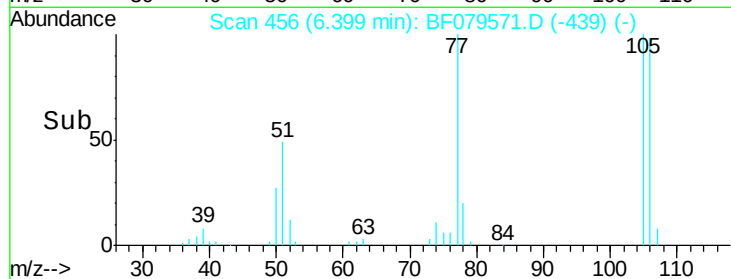
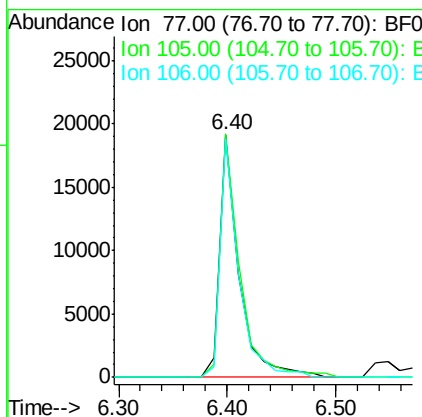
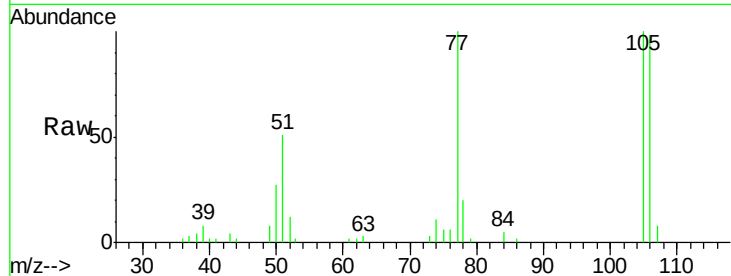
#9
Benzaldehyde
Concen: 3.57 ng
RT: 6.40 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.4	83.3	123.3		
106	98.5	78.4	118.4		

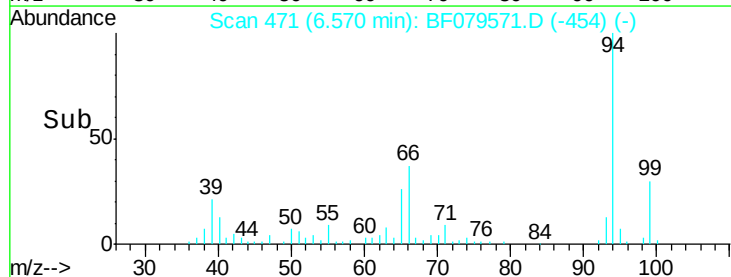
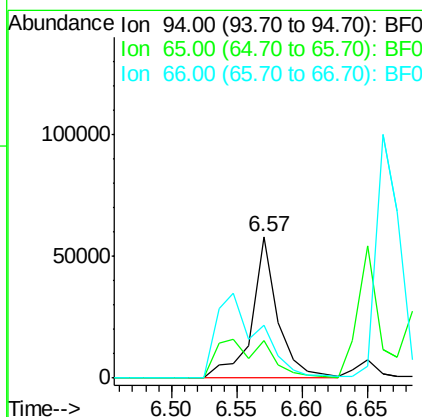
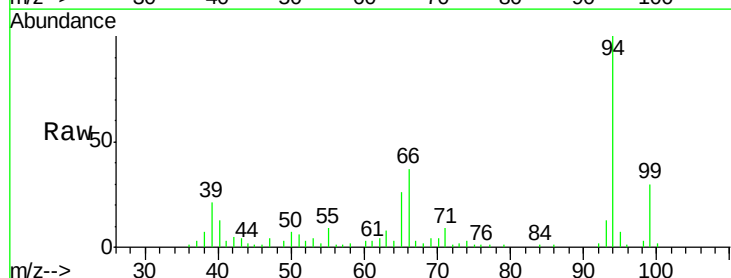
Manual Integrations
APPROVED

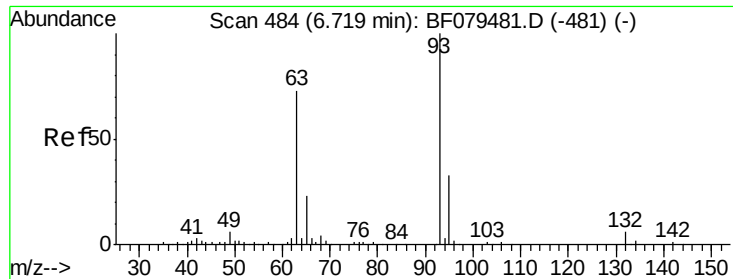
apatel
6/1/2015 4:21:08 PM



#10
Phenol
Concen: 9.02 ng
RT: 6.57 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.2	7.2	47.2		
66	37.1	16.2	56.2		





#11

bis(2-Chloroethyl)ether

Concen: 32.53 ng

RT: 6.65 min Scan# 478

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

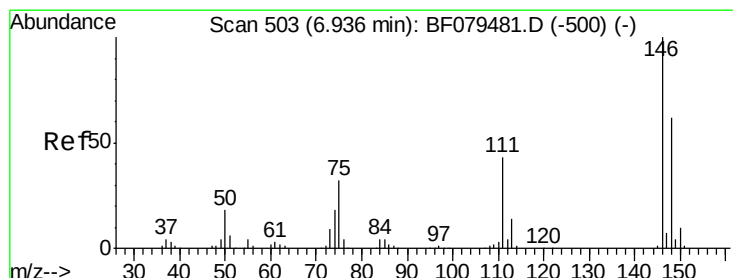
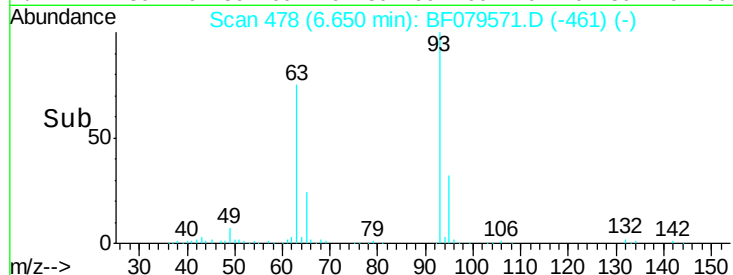
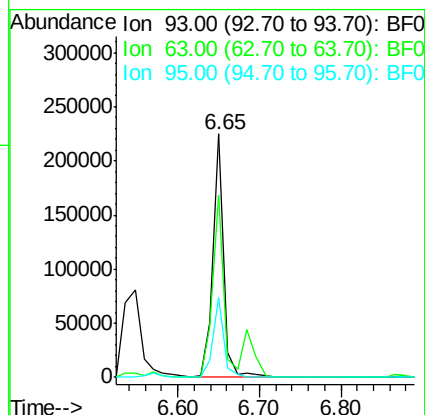
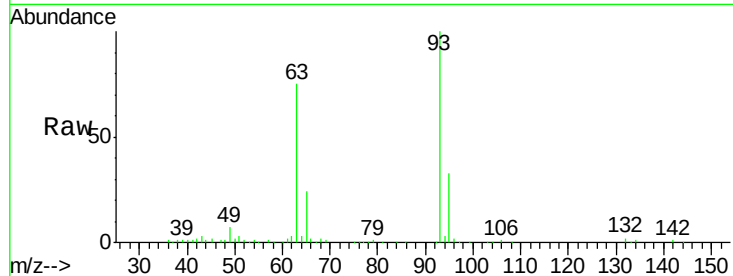
ClientSampleId :

MW-05MS

Tot Ion:	93	Resp:	211875
Ion Ratio	Lower	Upper	
93	100		
63	75.0	51.8	91.8
95	32.6	13.0	53.0

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



#12

1,3-Dichlorobenzene

Concen: 26.55 ng

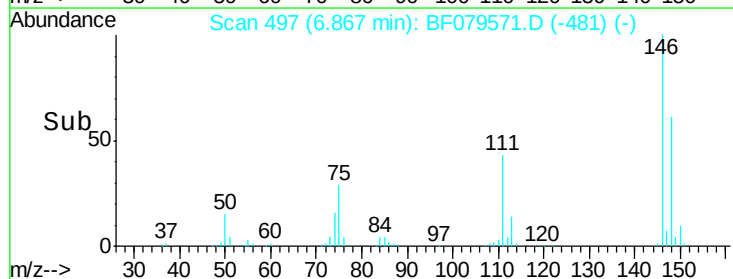
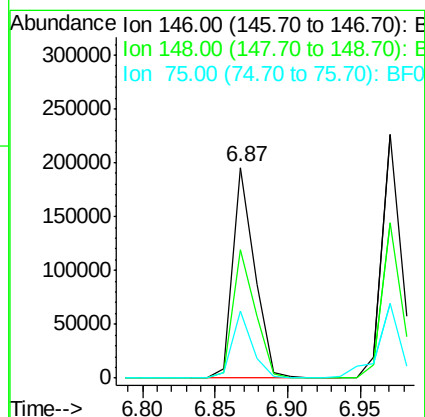
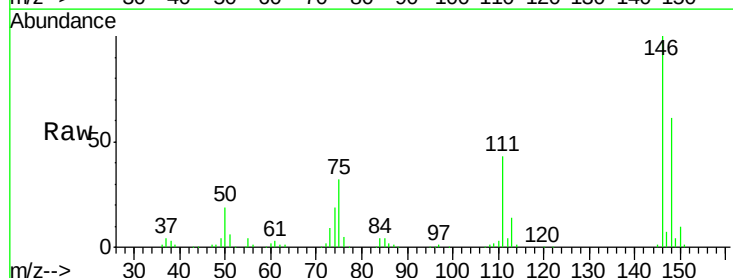
RT: 6.87 min Scan# 497

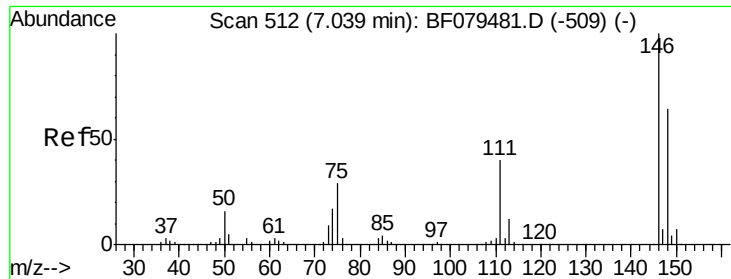
Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion:	146	Resp:	205418
Ion Ratio	Lower	Upper	
146	100		
148	61.1	49.6	74.4
75	31.9	25.9	38.9





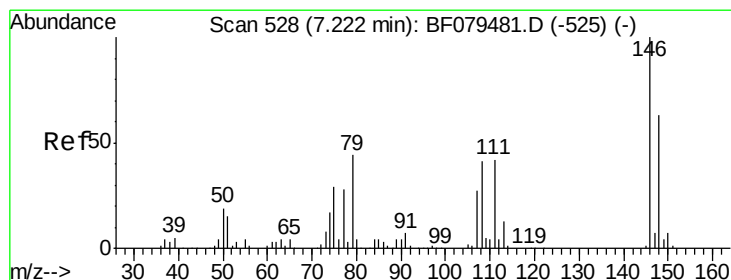
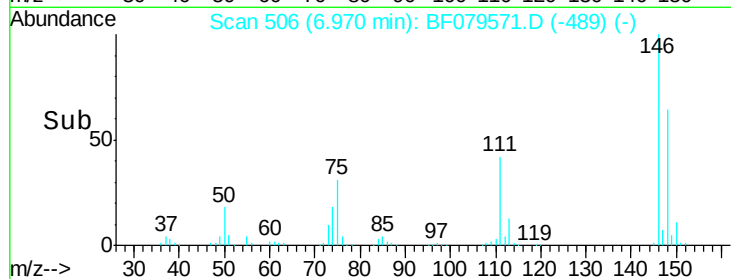
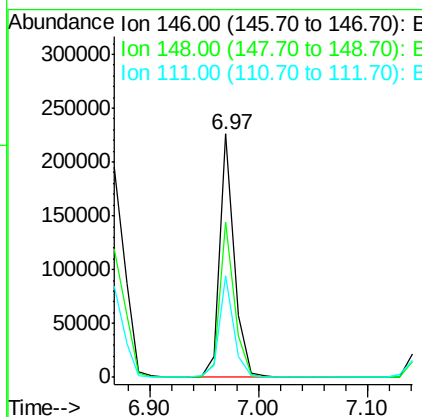
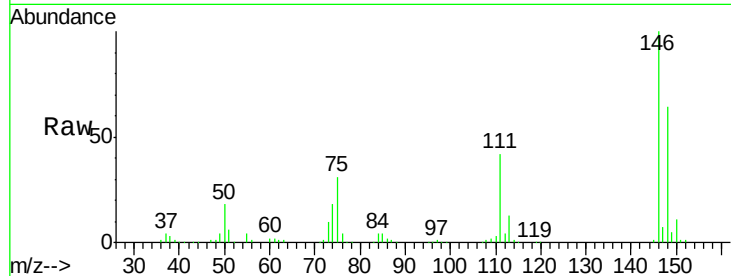
#13
 1,4-Dichlorobenzene
 Concen: 26.94 ng
 RT: 6.97 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampled :
 MW-05MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
111	41.6	31.8	47.8

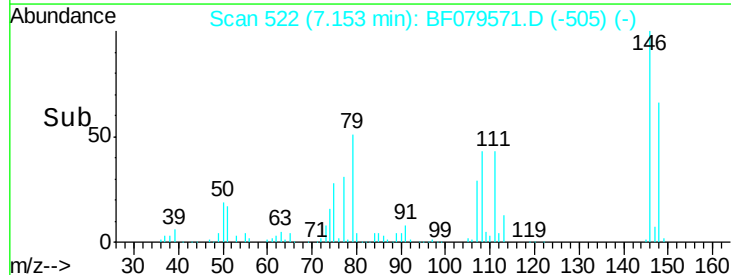
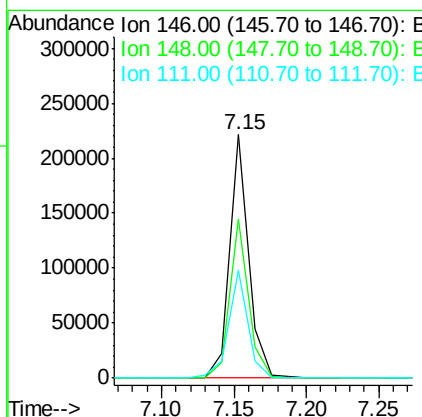
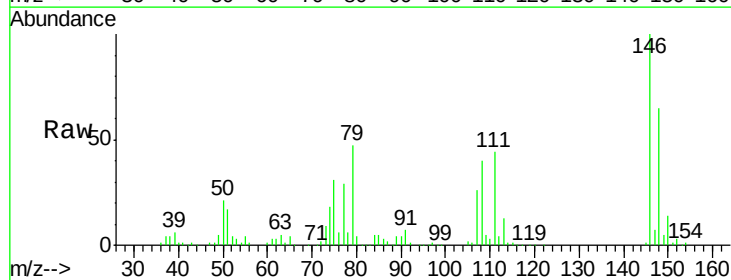
Manual Integrations
 APPROVED

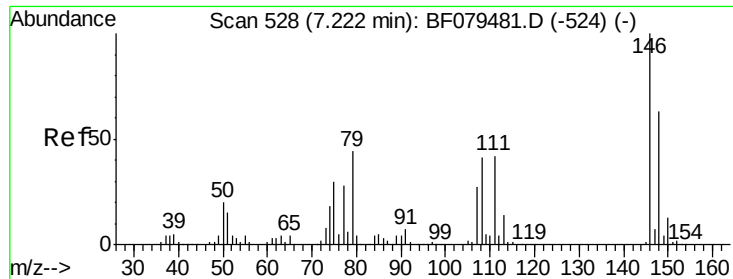
apatel
 6/1/2015 4:21:08 PM



#14
 1,2-Dichlorobenzene
 Concen: 27.37 ng
 RT: 7.15 min Scan# 522
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.6	76.0
111	44.1	33.2	49.8





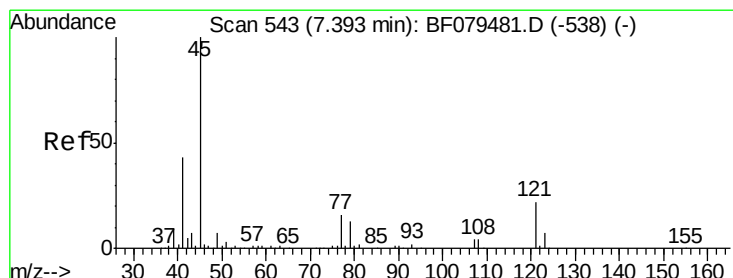
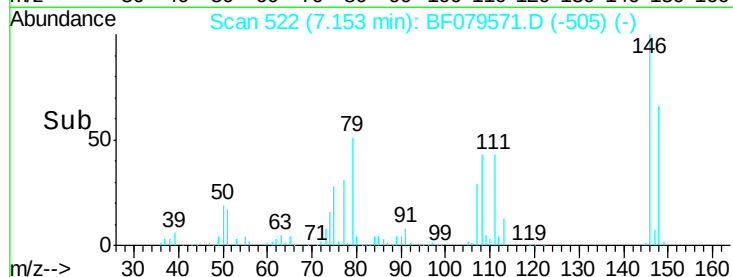
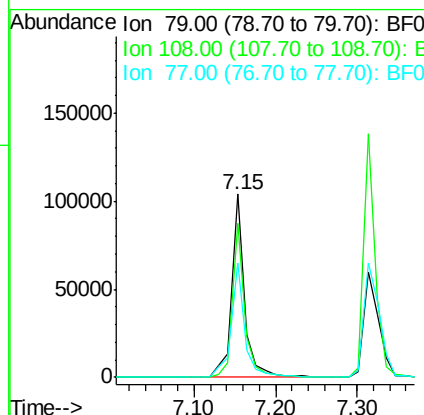
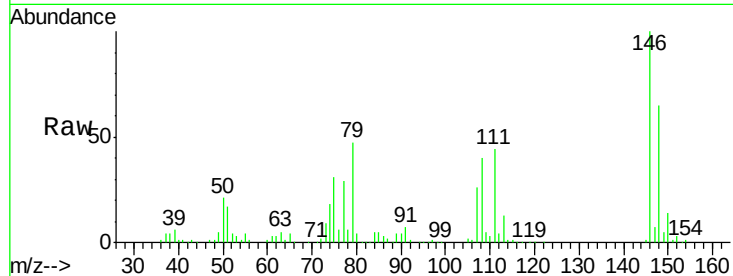
#15
Benzyl Alcohol
Concen: 20.24 ng
RT: 7.15 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.3	73.7	110.5
77	62.4	51.1	76.7

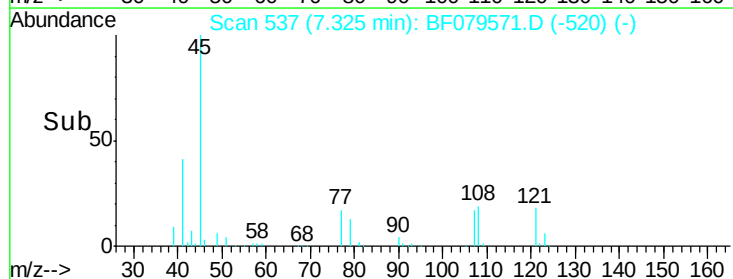
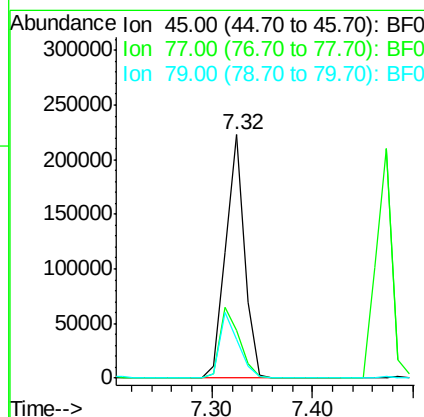
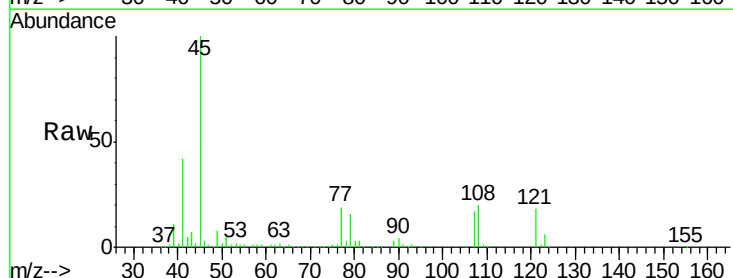
Manual Integrations
APPROVED

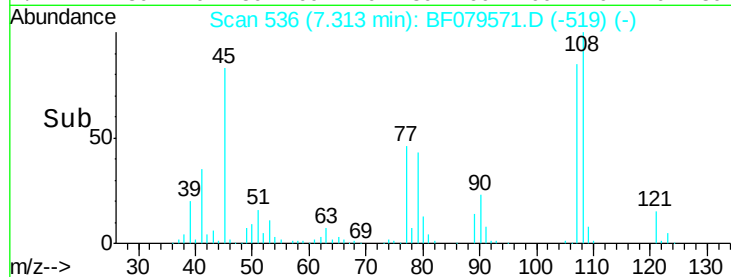
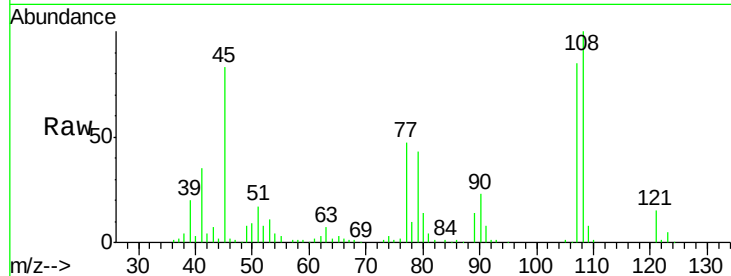
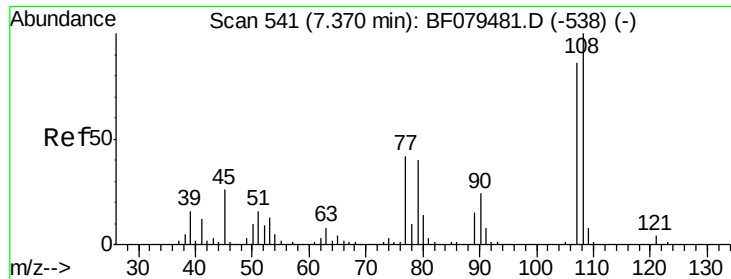
apatel
6/1/2015 4:21:08 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 30.37 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

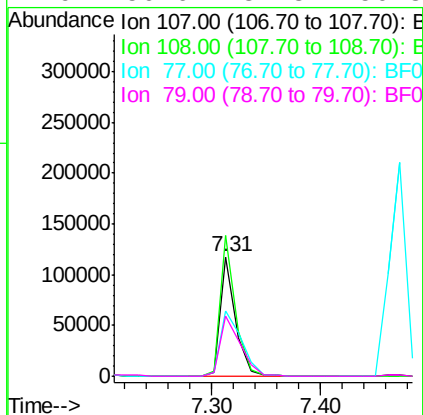
Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.5	0.0	35.5
79	16.0	0.0	32.8





#17
2-Methylphenol
Concen: 21.11 ng
RT: 7.31 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

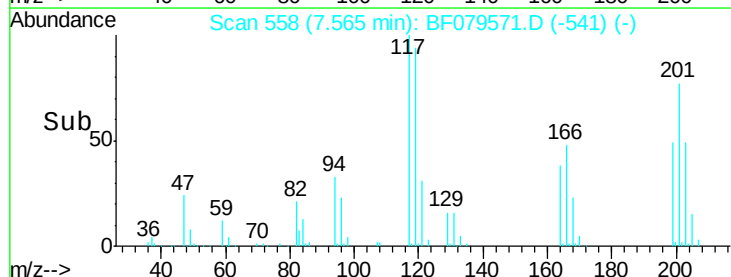
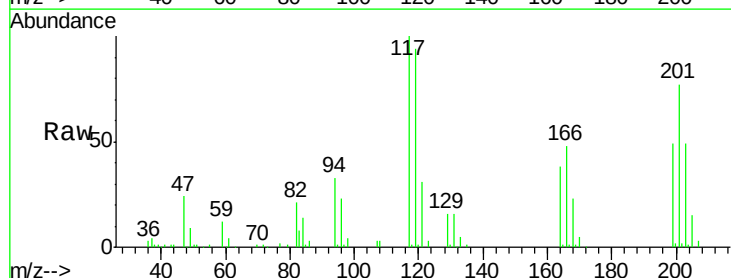
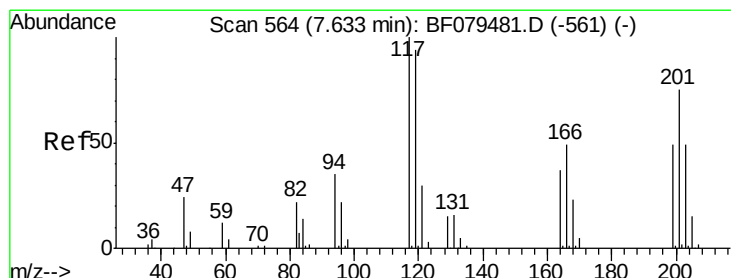
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.4	93.1	139.7	
77	54.9	39.2	58.8	
79	50.6	37.8	56.8	



Instrument :
BNA_F
ClientSampleId :
MW-05MS

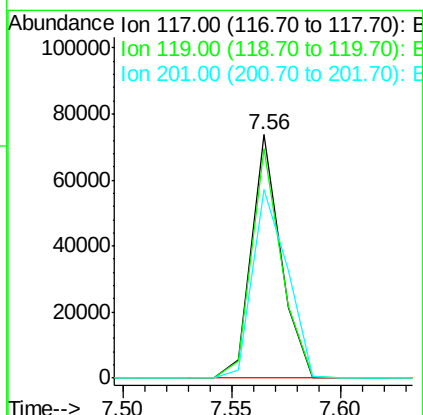
Manual Integrations
APPROVED

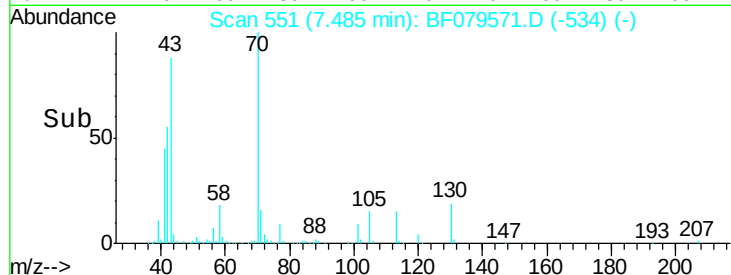
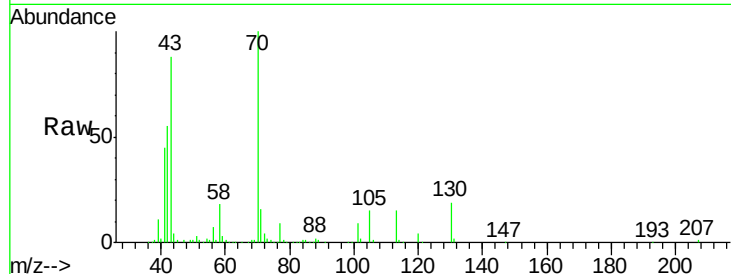
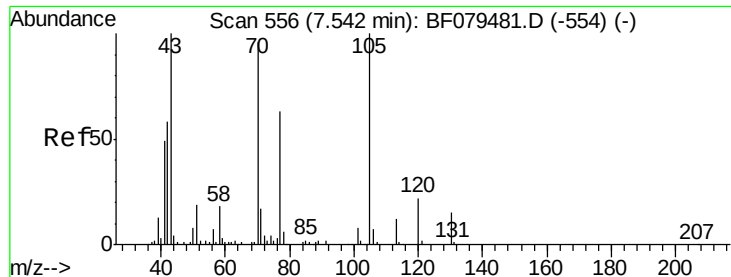
apatel
6/1/2015 4:21:08 PM



#18
Hexachloroethane
Concen: 25.42 ng
RT: 7.56 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	74.9	112.3	
201	77.2	60.2	90.4	





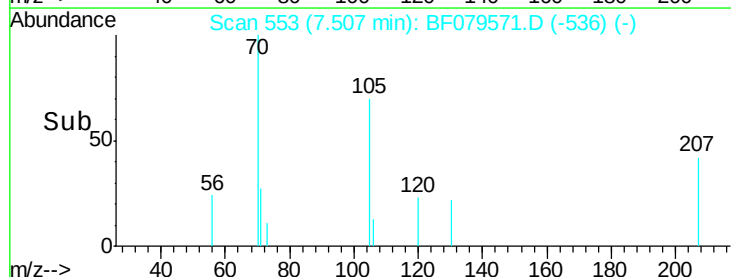
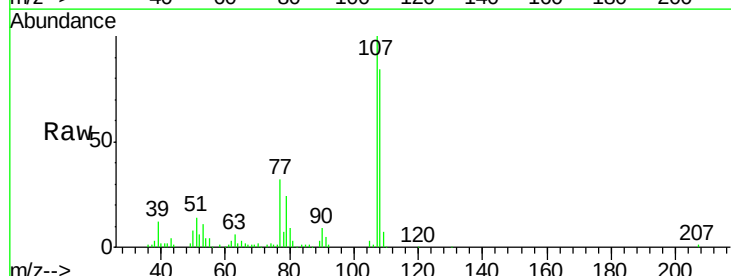
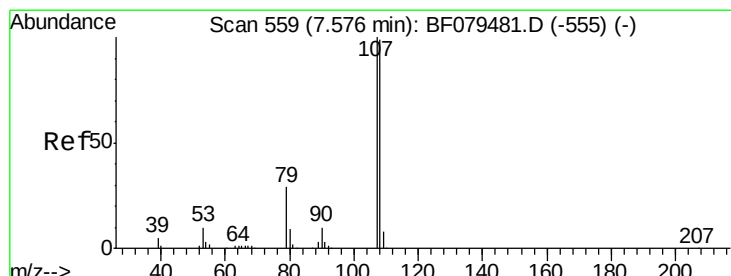
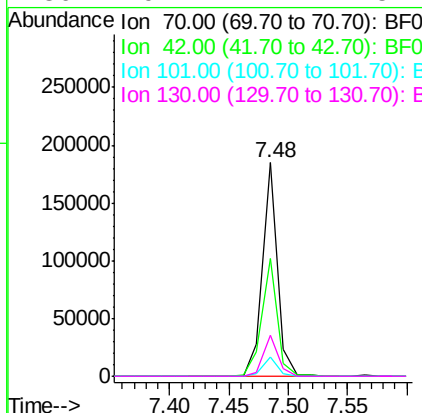
#19
n-Nitroso-di-n-propylamine
Concen: 30.49 ng
RT: 7.48 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.4	48.8	73.2	
101	8.9	6.6	9.8	
130	19.1	12.2	18.4	

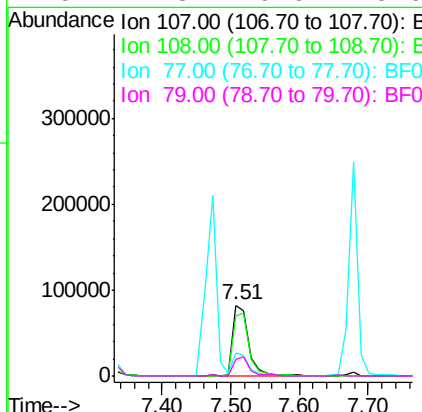
Manual Integrations
APPROVED

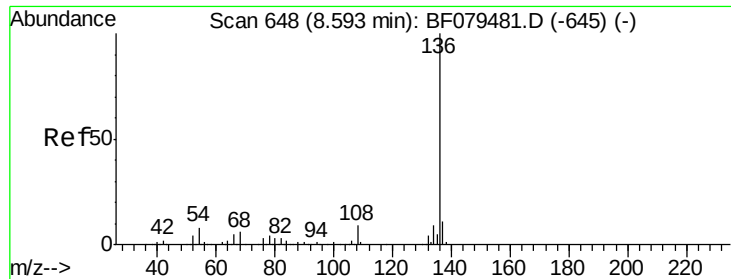
apatel
6/1/2015 4:21:08 PM



#20
3+4-Methylphenols
Concen: 18.31 ng
RT: 7.51 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.3	77.7	117.7	
77	31.7	11.4	51.4	
79	24.3	9.6	49.6	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.52 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

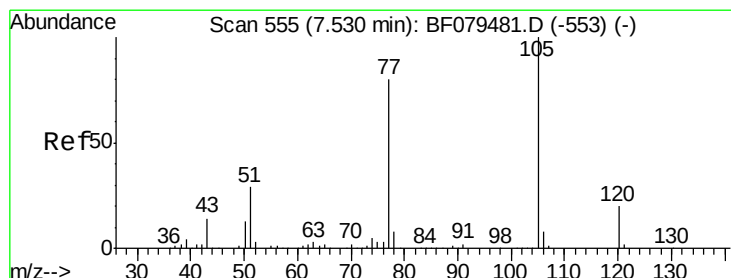
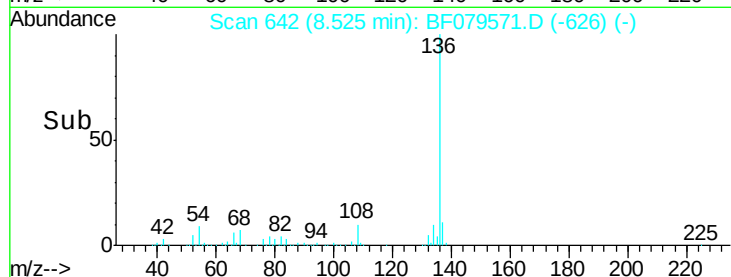
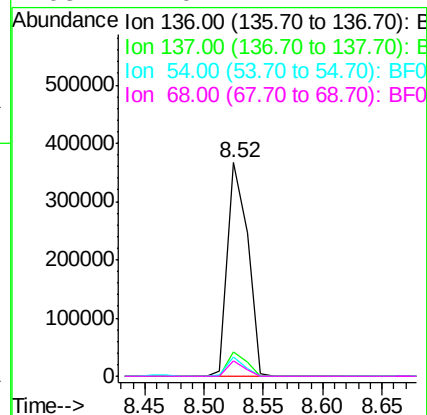
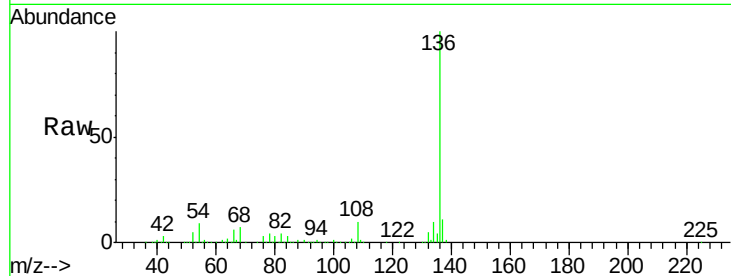
ClientSampled :

MW-05MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		431113		
137	11.5		8.5	12.7	
54	8.9		6.6	9.8	
68	7.0		4.7	7.1	

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



#22

Acetophenone

Concen: 32.34 ng

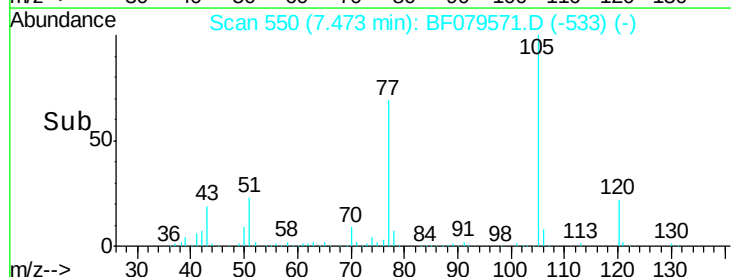
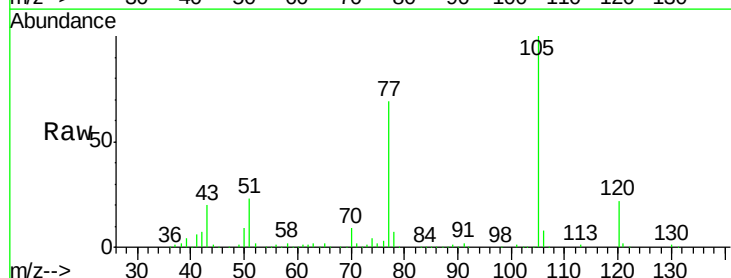
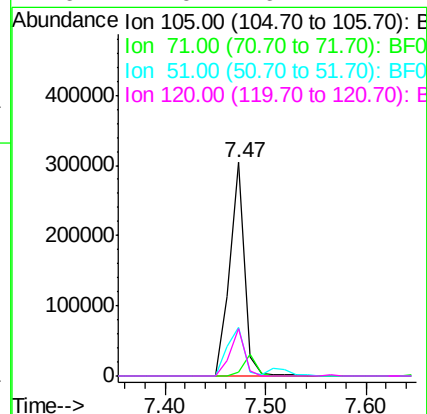
RT: 7.47 min Scan# 550

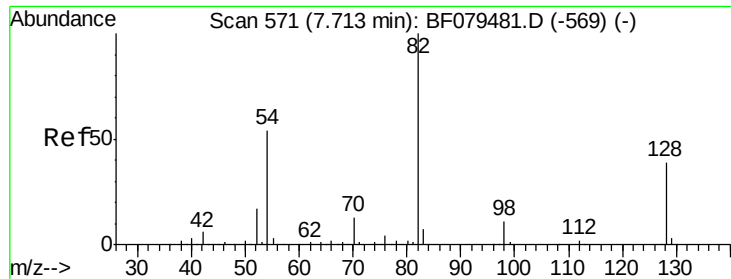
Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		312369		
71	1.7		0.2	0.4#	
51	22.9		23.7	35.5#	
120	22.0		16.2	24.4	





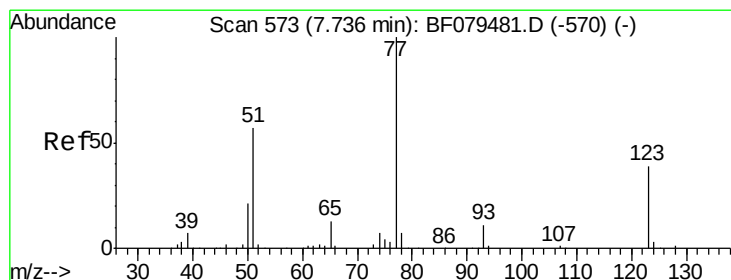
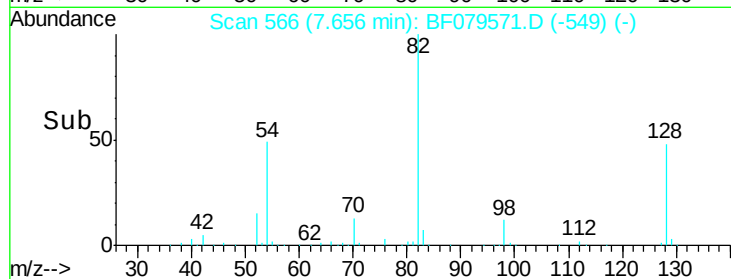
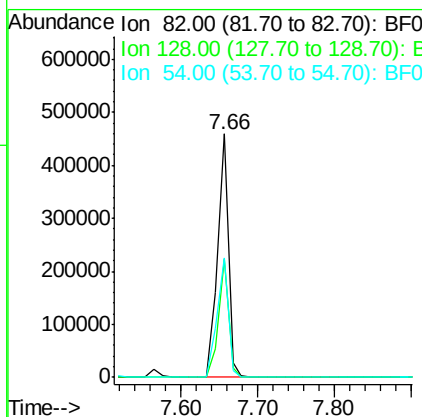
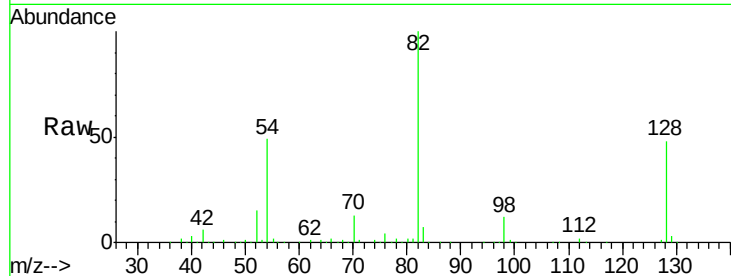
#23
 Nitrobenzene-d5
 Concen: 60.35 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	450087		
128	48.4	30.8	46.2#	
54	48.9	42.8	64.2	

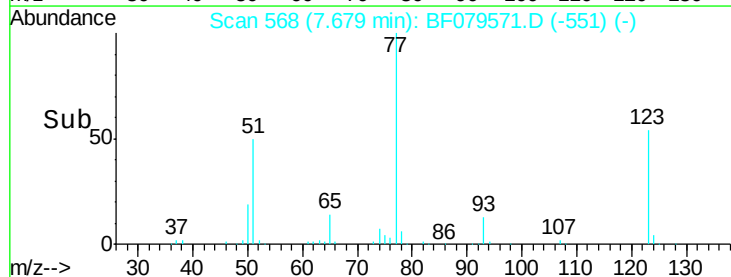
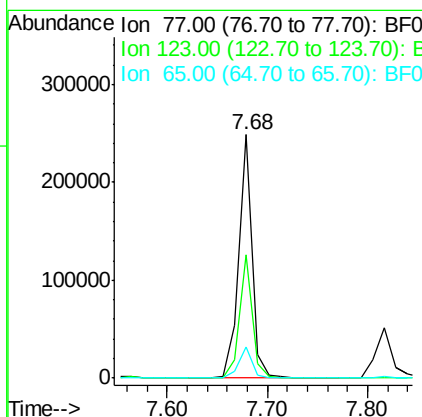
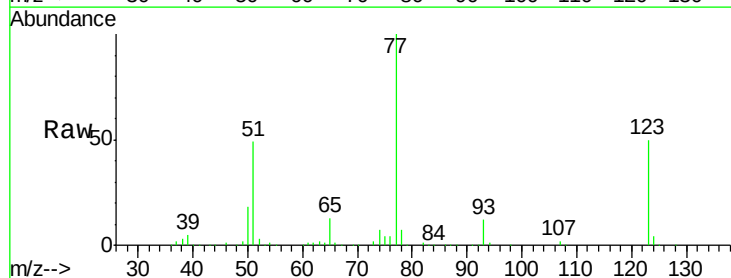
Manual Integrations
 APPROVED

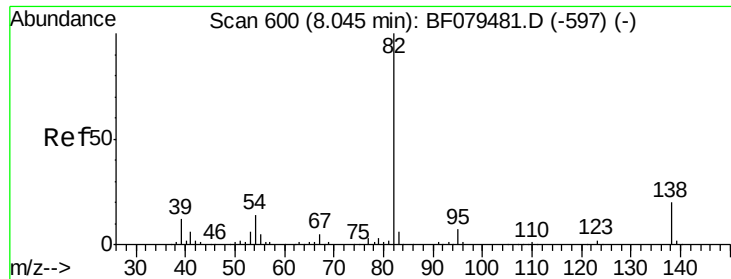
apatel
 6/1/2015 4:21:08 PM



#24
 Nitrobenzene
 Concen: 31.06 ng
 RT: 7.68 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	228311		
123	50.4	31.0	46.4#	
65	13.0	10.6	15.8	





#25

Isophorone

Concen: 29.46 ng

RT: 7.98 min Scan# 594

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

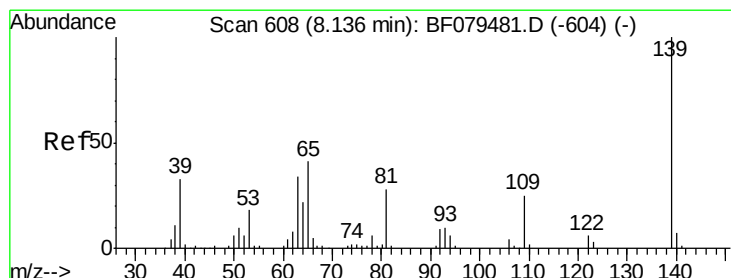
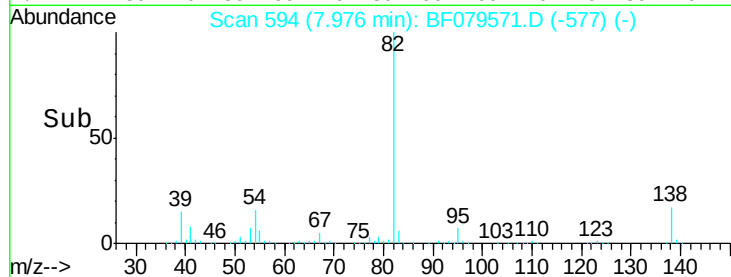
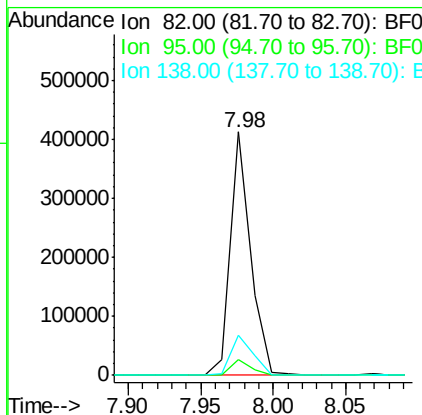
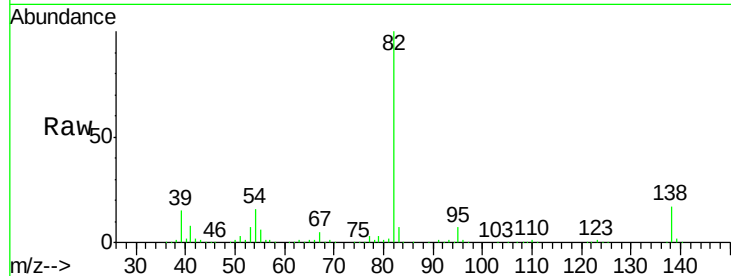
ClientSampleId :

MW-05MS

Tot Ion:	82	Resp:	400471
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.5	8.3
138	16.7	16.1	24.1

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



#26

2-Nitrophenol

Concen: 30.56 ng

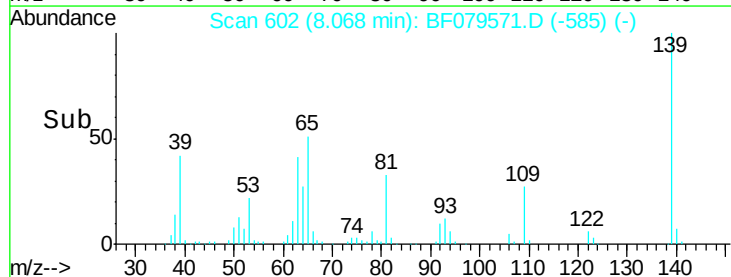
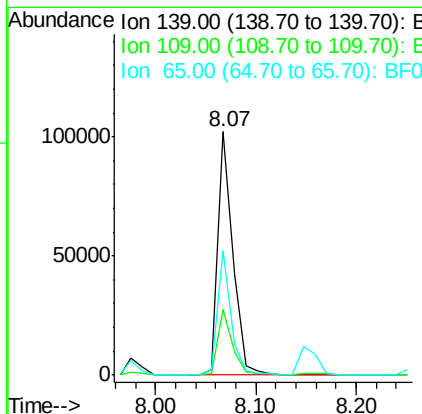
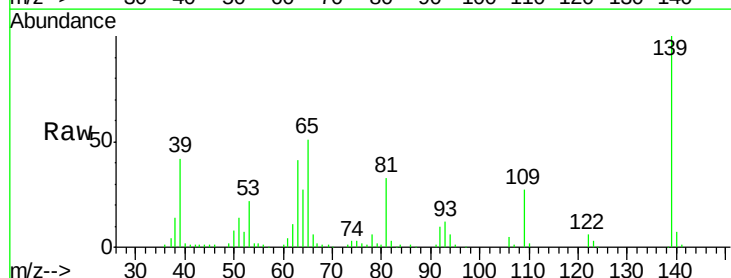
RT: 8.07 min Scan# 602

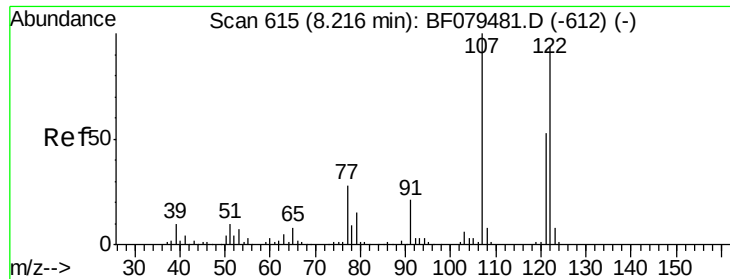
Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion:	139	Resp:	106355
Ion Ratio		Lower	Upper
139	100		
109	27.2	20.2	30.2
65	51.4	32.5	48.7#





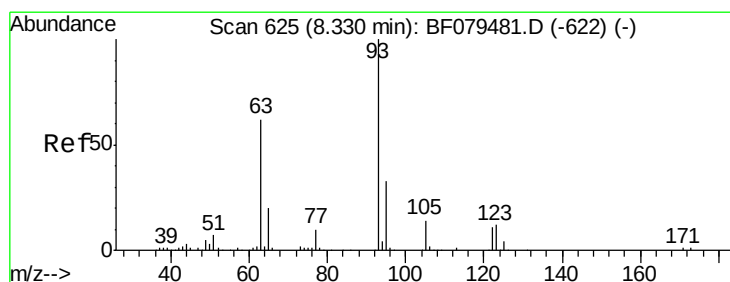
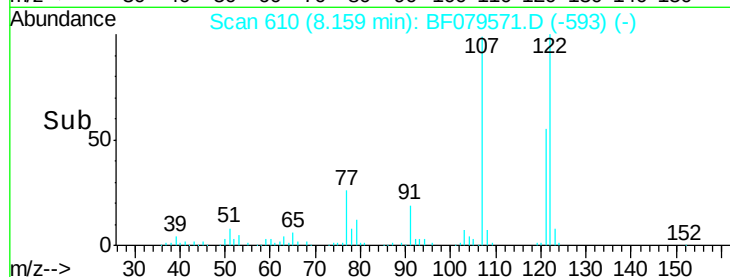
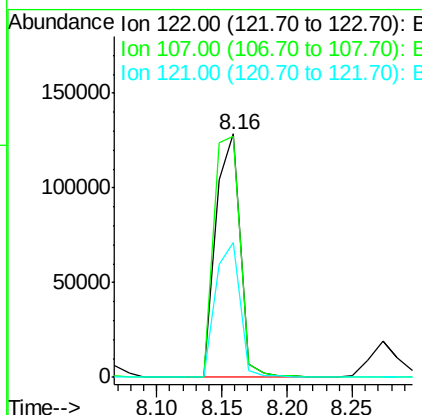
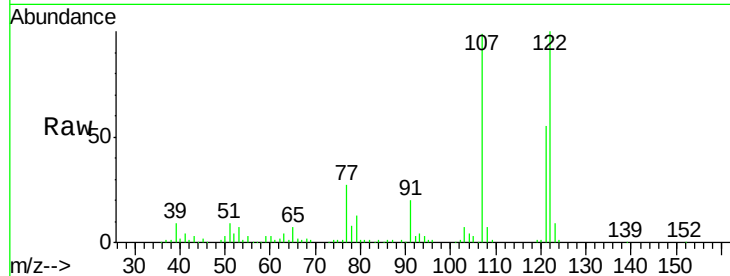
#27
2,4-Dimethylphenol
Concen: 26.81 ng
RT: 8.16 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	167725		
107	99.0	85.2	127.8	
121	55.2	45.2	67.8	

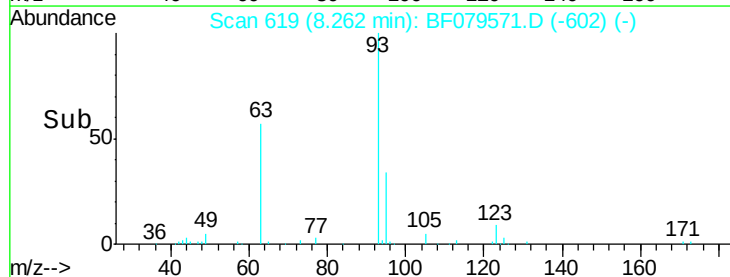
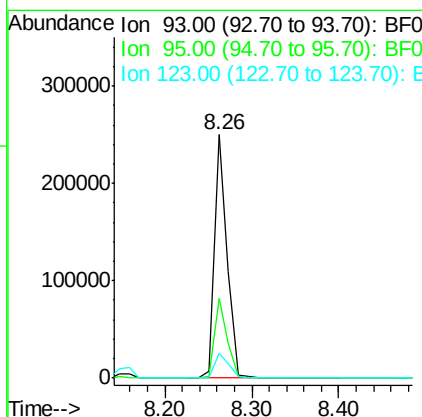
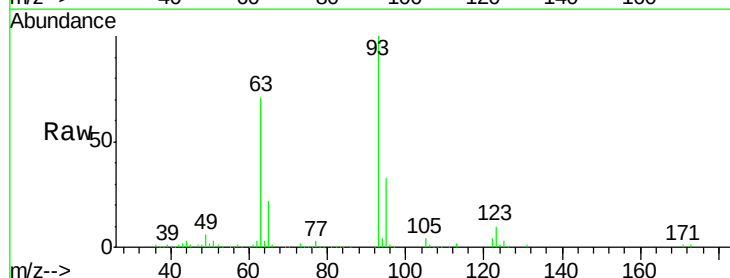
Manual Integrations
APPROVED

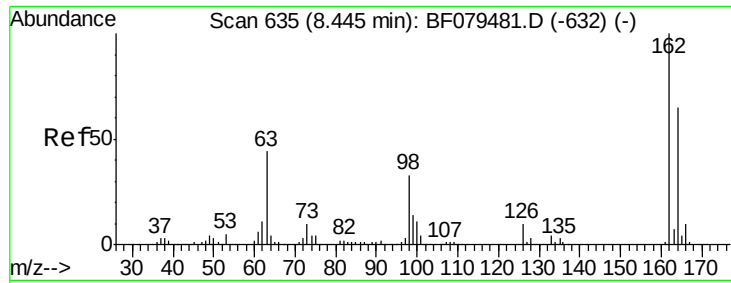
apatel
6/1/2015 4:21:08 PM



#28
bis(2-Chloroethoxy)methane
Concen: 30.49 ng
RT: 8.26 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	256854		
95	32.8	26.6	39.8	
123	9.9	9.4	14.0	





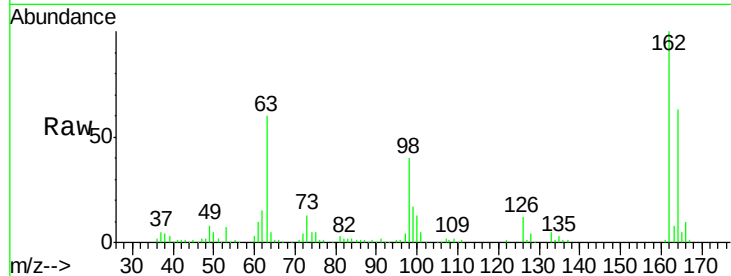
#29
 2,4-Dichlorophenol
 Concen: 29.48 ng
 RT: 8.38 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

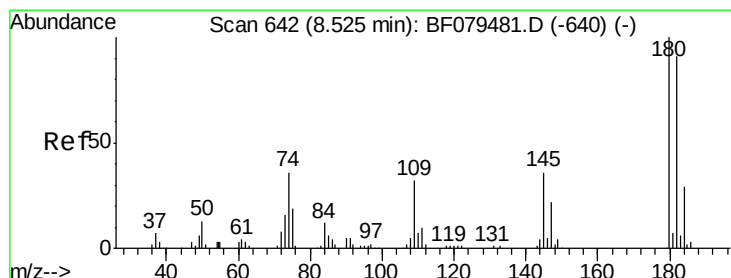
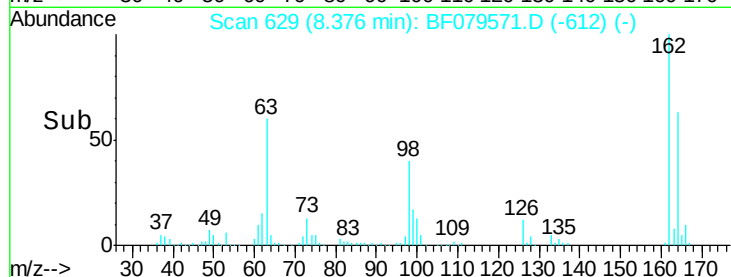
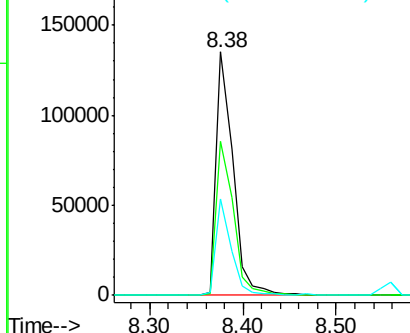
Tot Ion:	162	Resp:	168931
Ion Ratio	Lower	Upper	
162	100		
164	63.2	45.0	85.0
98	39.7	13.2	53.2

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:21:08 PM

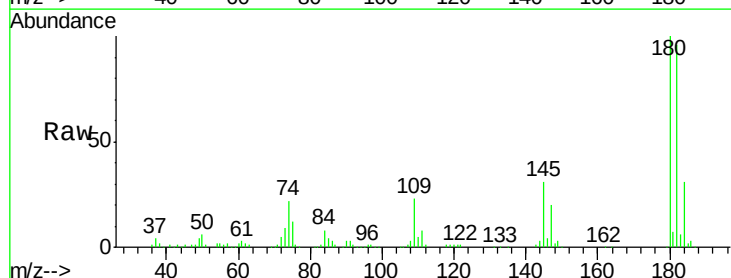


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

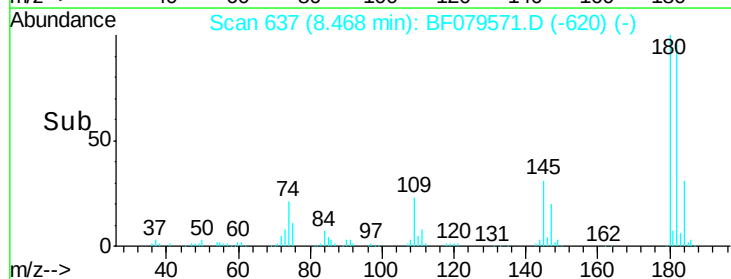
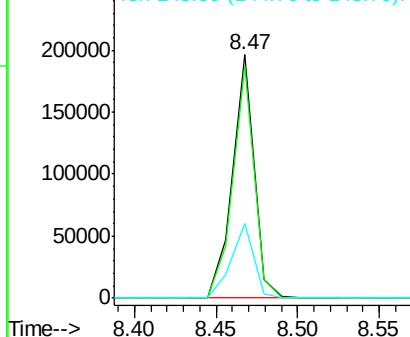


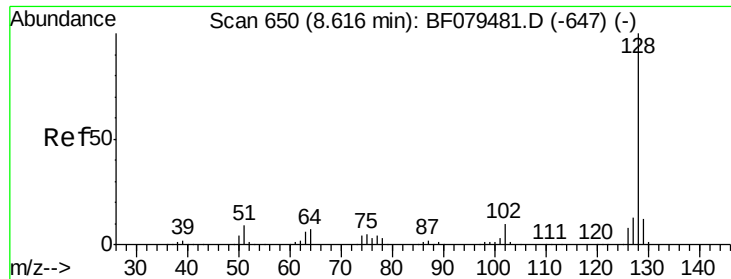
#30
 1,2,4-Trichlorobenzene
 Concen: 30.00 ng
 RT: 8.47 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion:	180	Resp:	178316
Ion Ratio	Lower	Upper	
180	100		
182	95.5	73.2	109.8
145	30.6	28.9	43.3



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





#31

Naphthalene

Concen: 29.43 ng

RT: 8.56 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

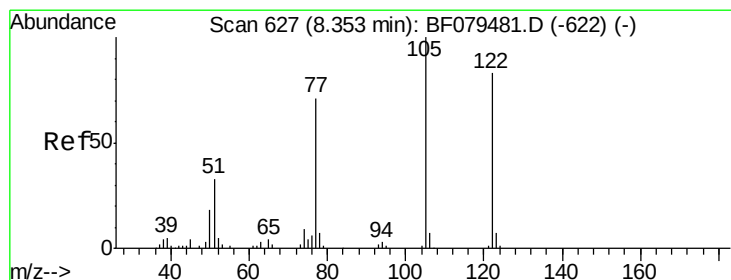
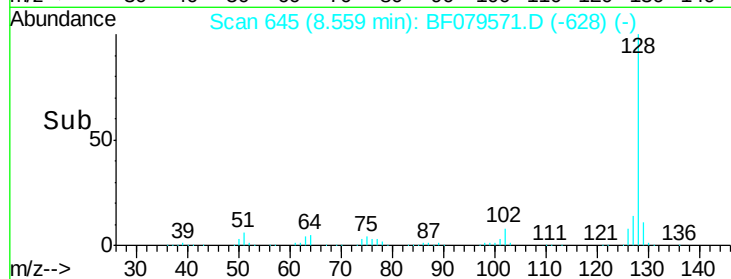
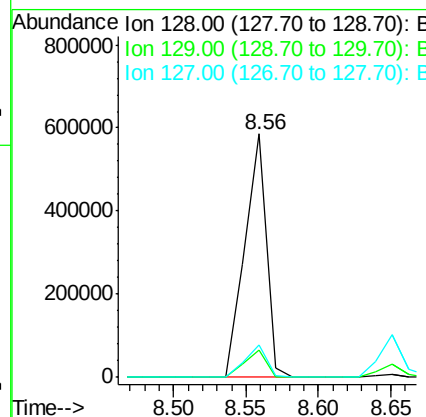
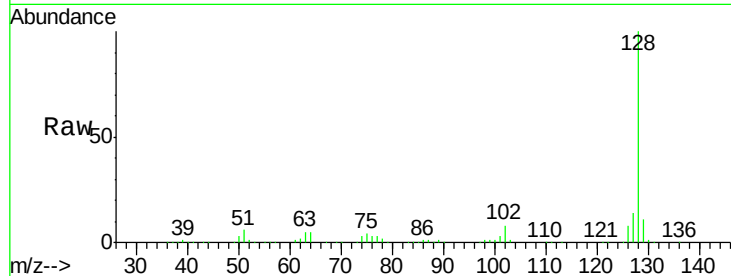
ClientSampleId :

MW-05MS

Tot Ion:	128	Resp:	608823
Ion Ratio		Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.5	10.6	15.8

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



#32

Benzoic acid

Concen: 9.42 ng

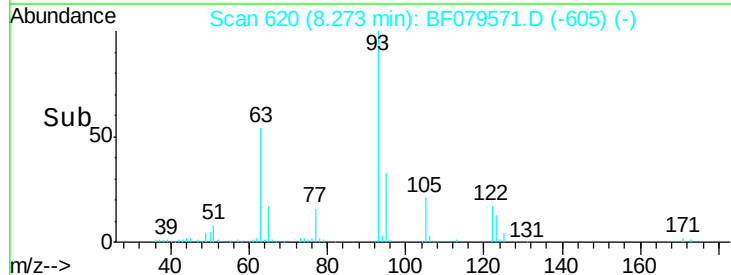
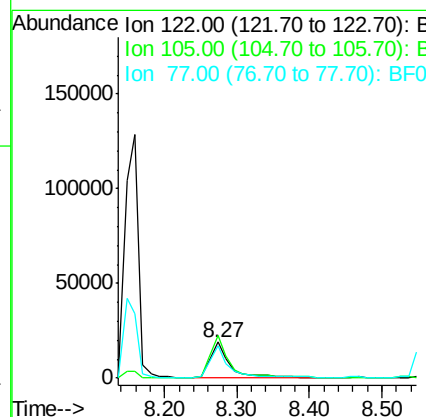
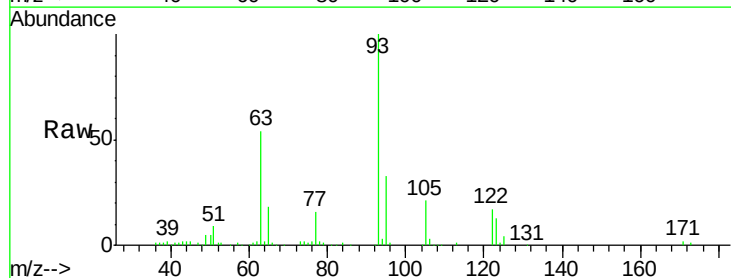
RT: 8.27 min Scan# 620

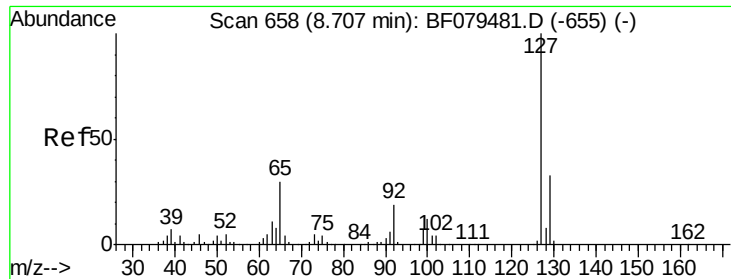
Delta R.T. -0.02 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion:	122	Resp:	36575
Ion Ratio		Lower	Upper
122	100		
105	119.8	100.2	140.2
77	92.0	64.8	104.8





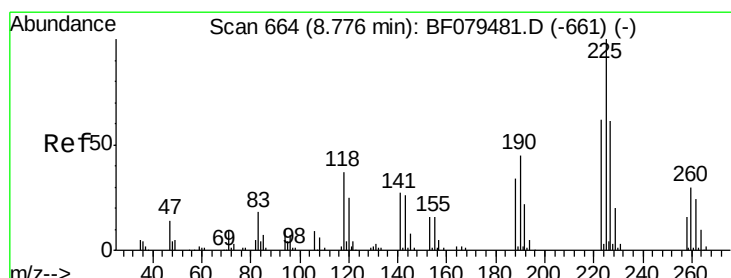
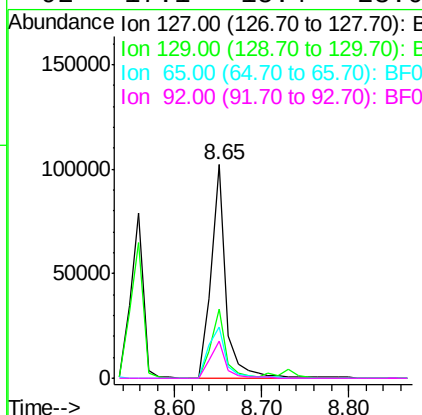
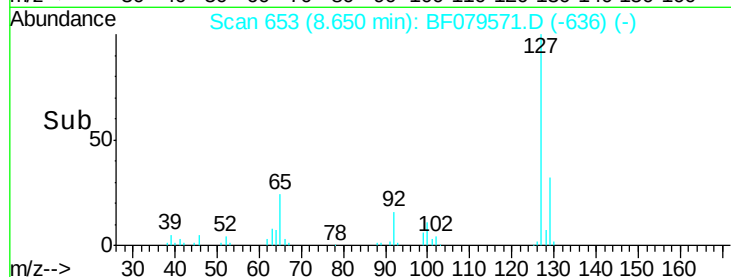
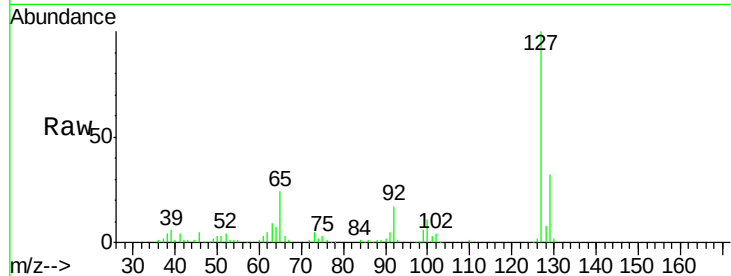
#33
4-Chloroaniline
Concen: 14.14 ng
RT: 8.65 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.2		
65	24.1	24.2	36.4		
92	17.1	15.4	23.0		

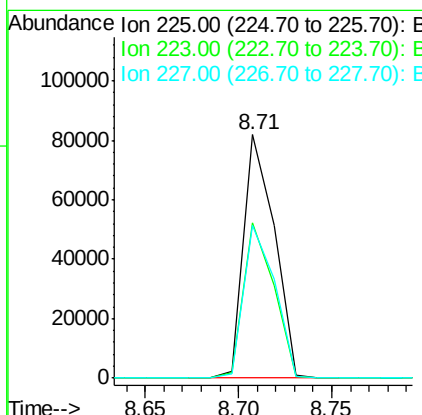
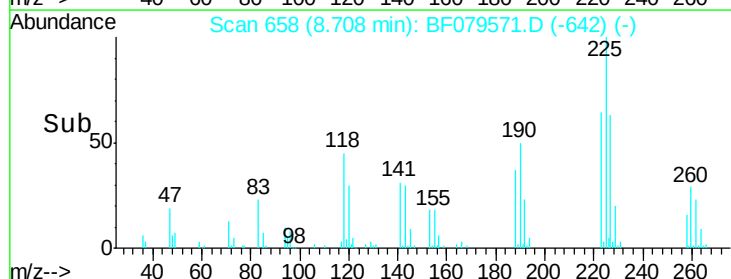
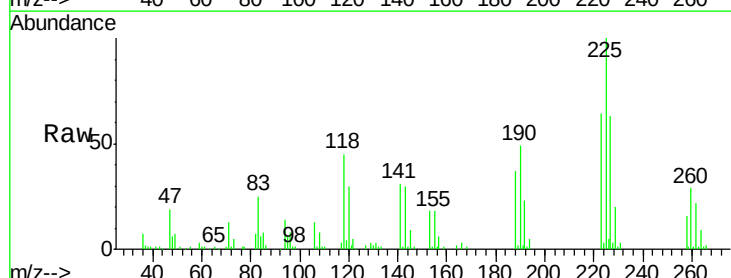
Manual Integrations
APPROVED

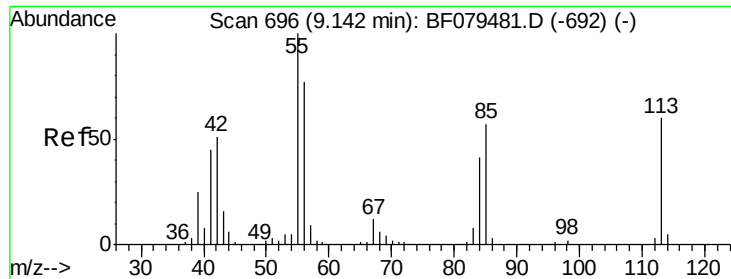
apatel
6/1/2015 4:21:08 PM



#34
Hexachlorobutadiene
Concen: 27.74 ng
RT: 8.71 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.7	49.9	74.9		
227	62.5	48.9	73.3		





#35

Caprolactam

Concen: 4.60 ng

RT: 9.10 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

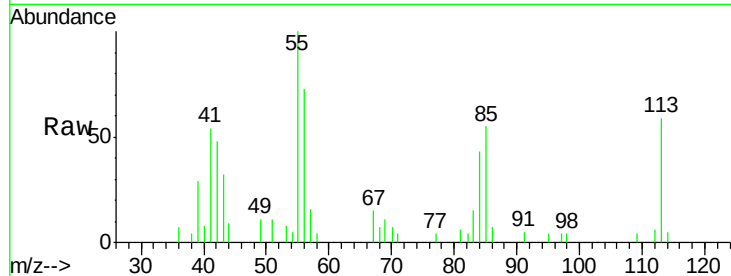
ClientSampleId :

MW-05MS

Tot Ion:	113	Resp:	8314
Ion	Ratio	Lower	Upper
113	100		
55	170.7	147.2	187.2
56	125.0	108.6	148.6

Manual Integrations
APPROVED

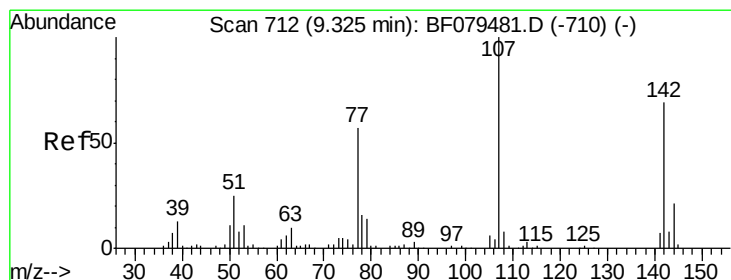
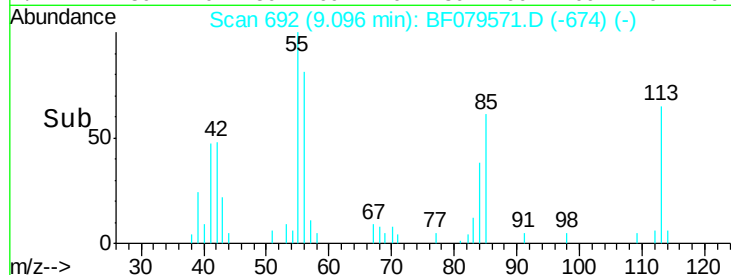
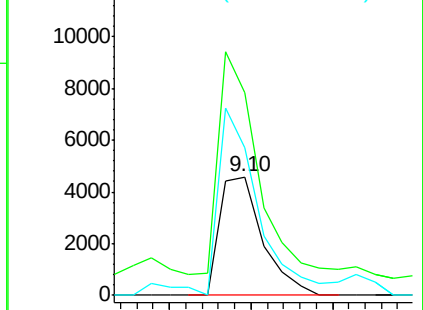
apatel
6/1/2015 4:21:08 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 26.82 ng

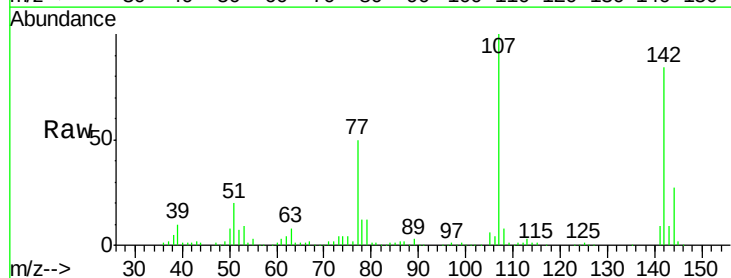
RT: 9.27 min Scan# 707

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

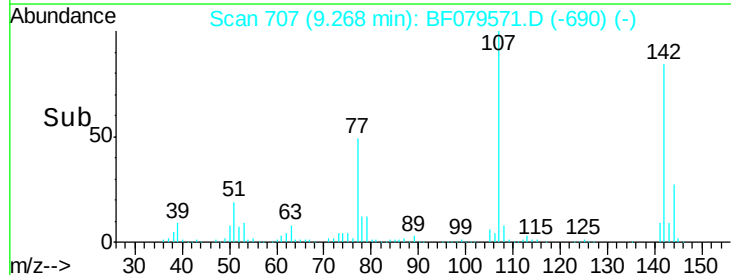
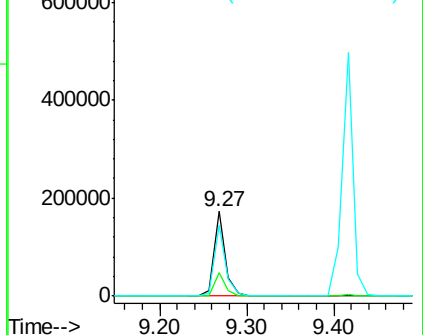
Tgt Ion:	107	Resp:	159422
Ion	Ratio	Lower	Upper
107	100		
144	27.2	16.9	25.3#
142	83.8	55.2	82.8#

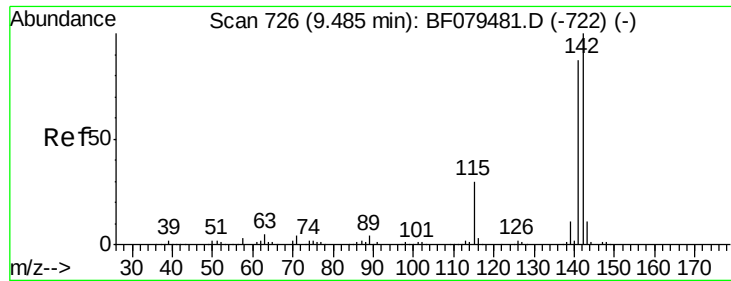


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





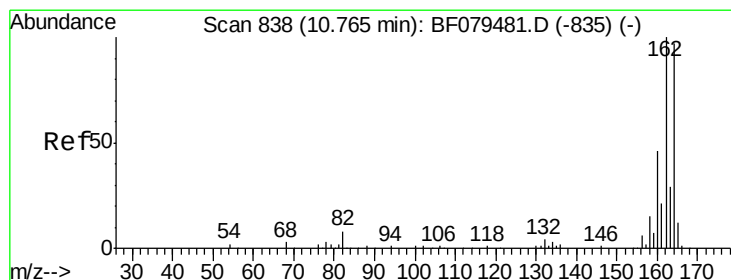
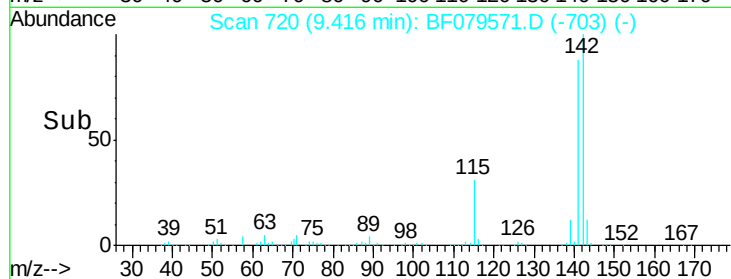
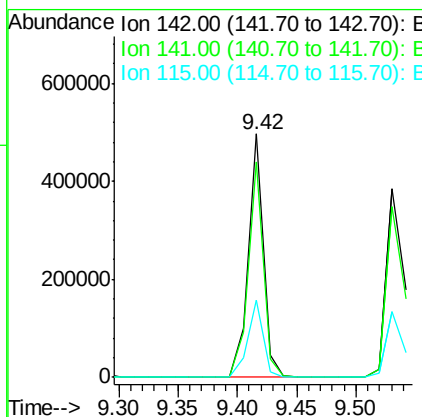
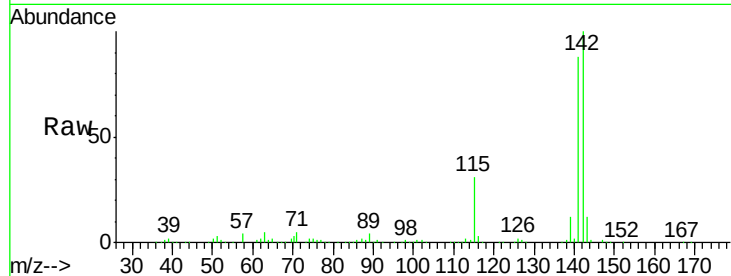
#37
 2-Methylnaphthalene
 Concen: 30.96 ng
 RT: 9.42 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	69.5	104.3
115	31.5	23.8	35.6

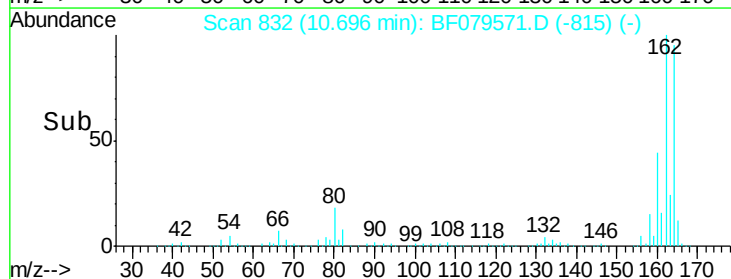
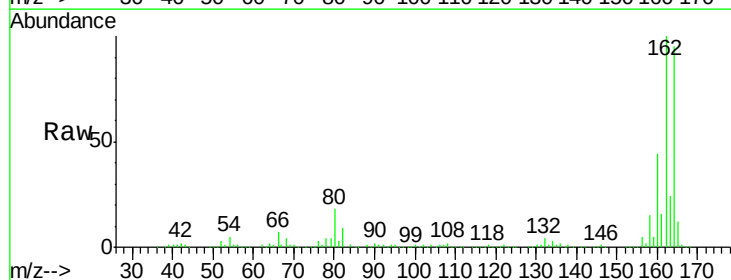
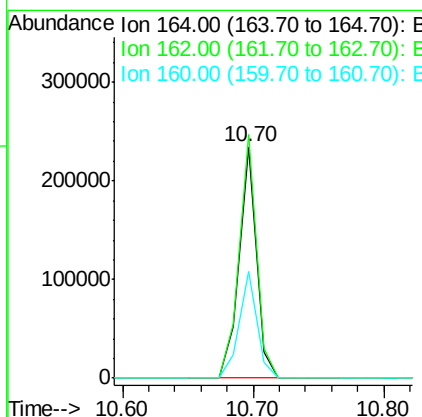
Manual Integrations
 APPROVED

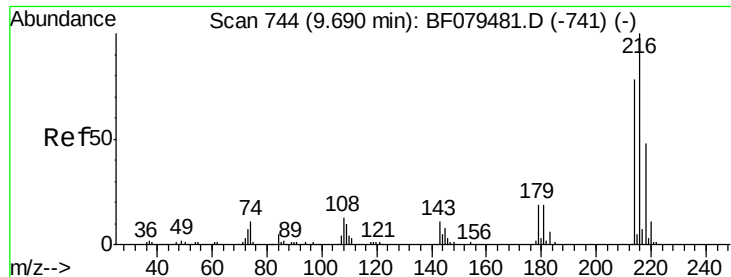
apatel
 6/1/2015 4:21:08 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	124.0
160	46.0	37.7	56.5





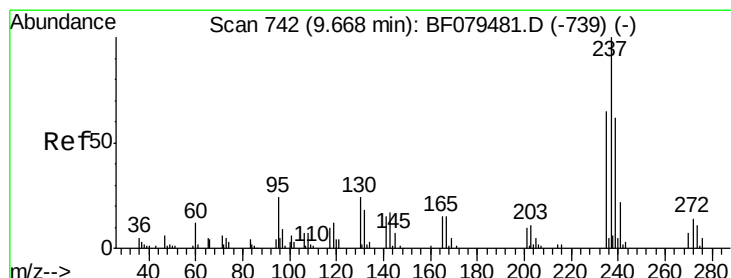
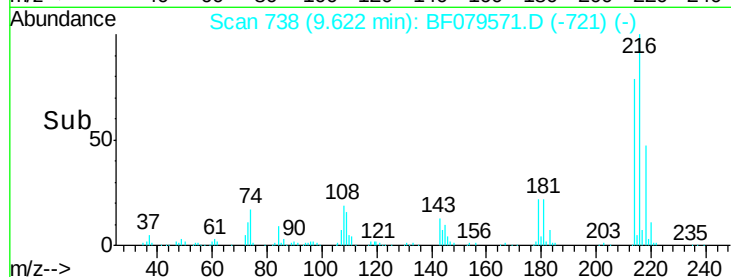
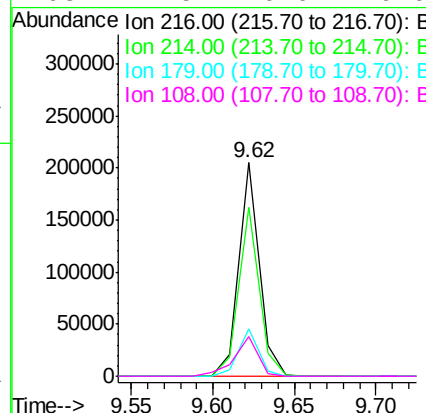
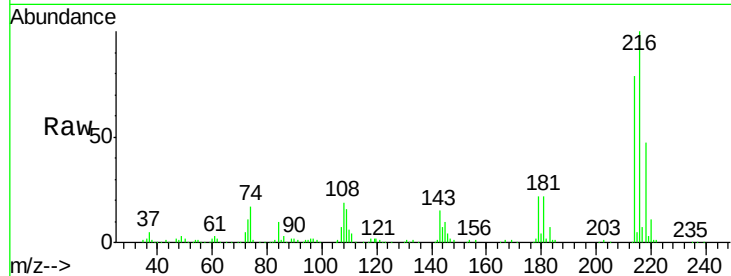
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.34 ng
 RT: 9.62 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	176884		
214	79.4	0.0	0.0	0.0
179	22.1	0.0	0.0	0.0
108	22.5	0.0	0.0	0.0

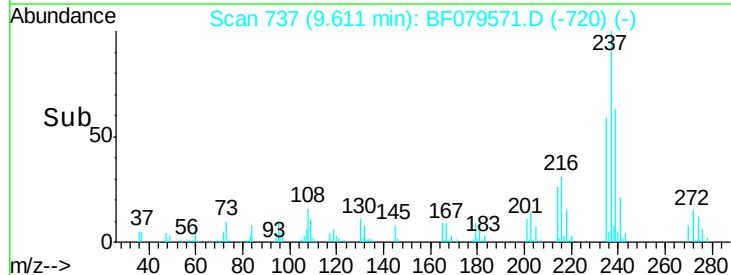
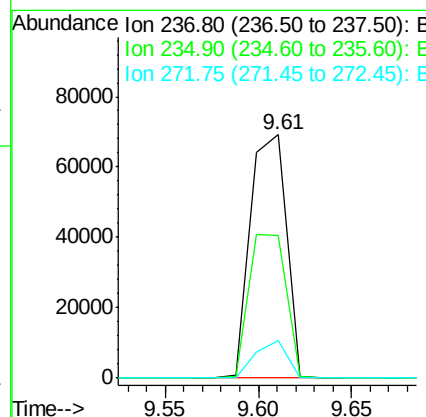
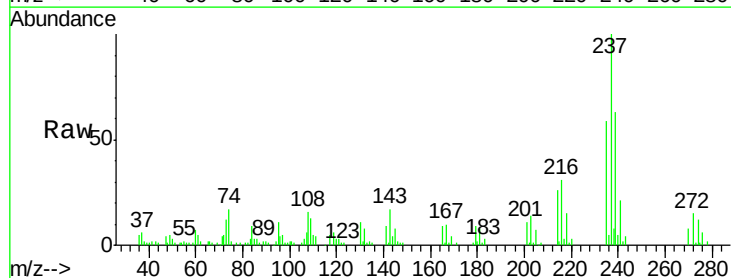
Manual Integrations
 APPROVED

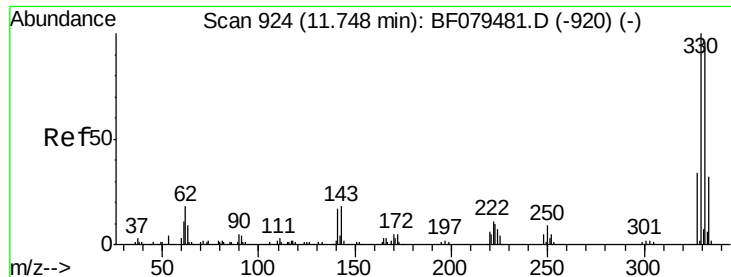
apatel
 6/1/2015 4:21:08 PM



#40
 Hexachlorocyclopentadiene
 Concen: 58.72 ng
 RT: 9.61 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	92711		
235	58.7	45.0	85.0	
272	15.4	0.0	33.9	





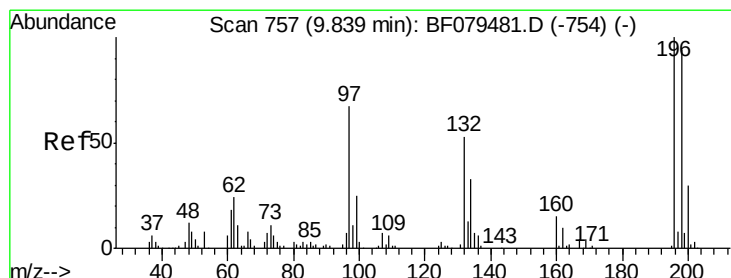
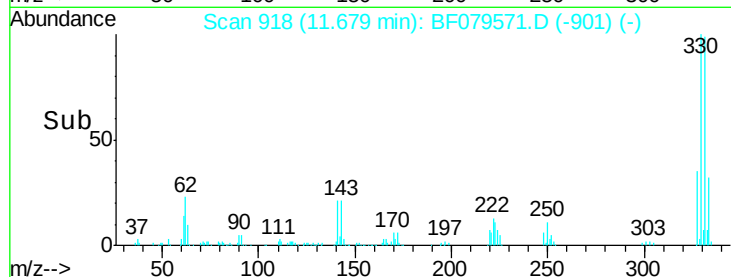
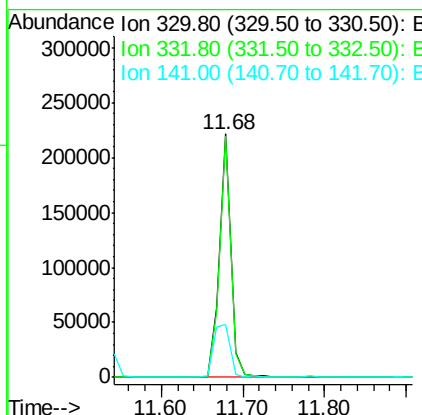
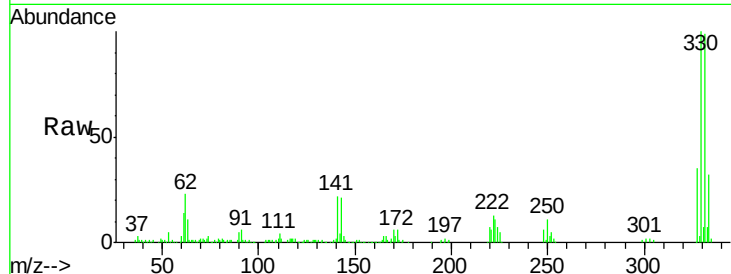
#41
 2,4,6-Tribromophenol
 Concen: 91.44 ng
 RT: 11.68 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	31.6	0.0	0.0#

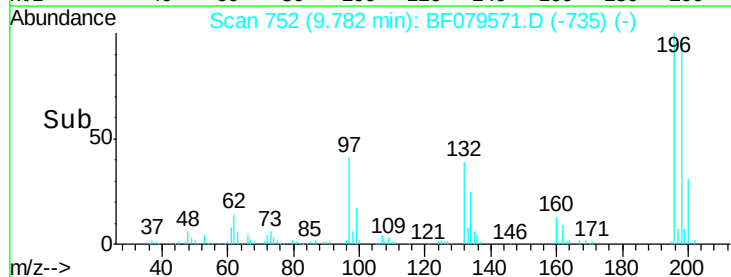
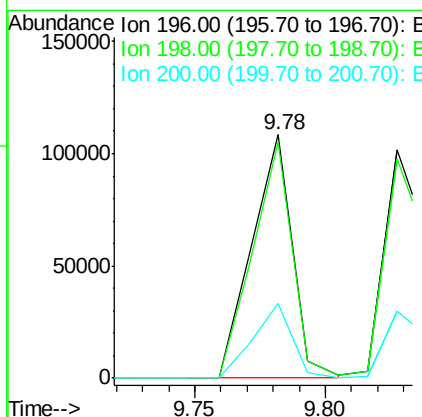
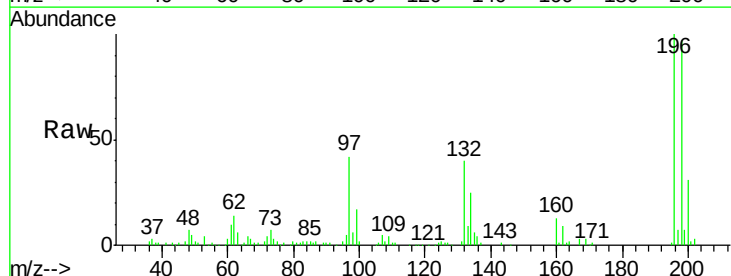
Manual Integrations
 APPROVED

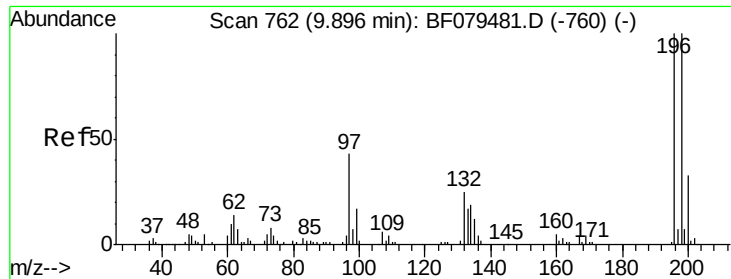
apatel
 6/1/2015 4:21:08 PM



#42
 2,4,6-Trichlorophenol
 Concen: 27.88 ng
 RT: 9.78 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	97.1	75.3	112.9
200	30.6	23.8	35.8





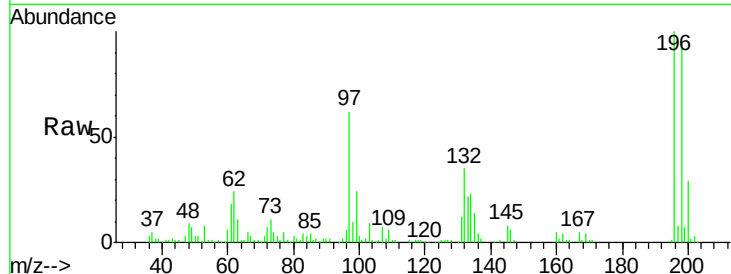
#43
 2,4,5-Trichlorophenol
 Concen: 29.51 ng
 RT: 9.83 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	123658		
198	96.0	80.3	120.5	
97	61.6	34.8	52.2	#
132	35.2	20.6	31.0	#

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:21:08 PM



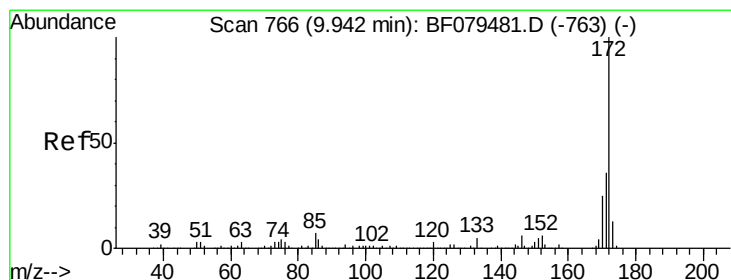
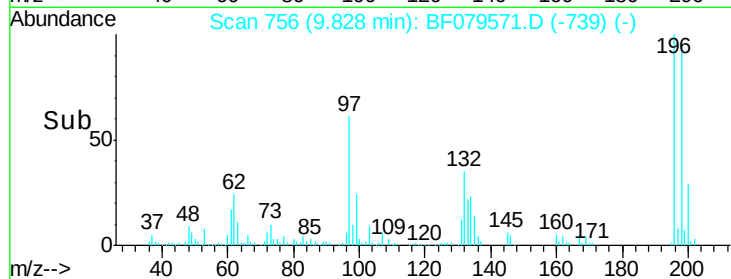
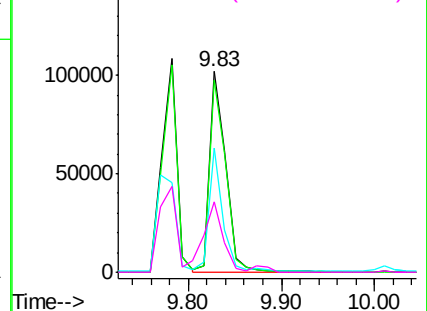
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

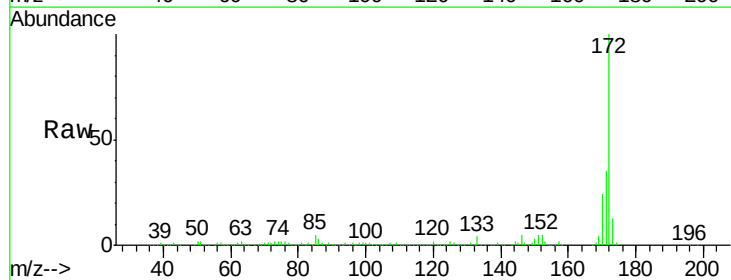
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 58.56 ng
 RT: 9.88 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	884775		
171	34.7	28.5	42.7	
170	24.1	19.7	29.5	

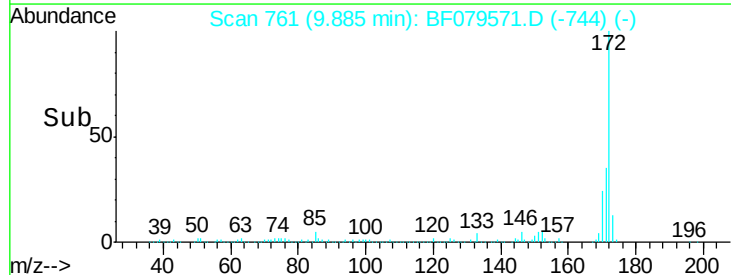
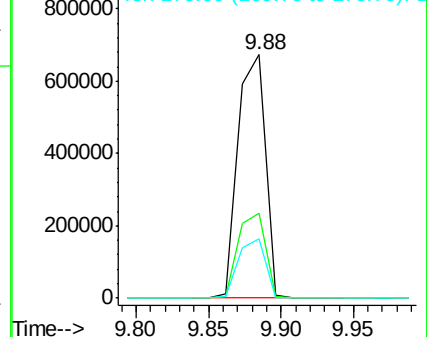


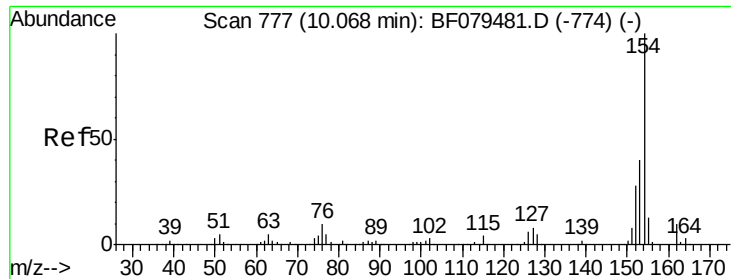
Abundance

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: 31.45 ng

RT: 10.00 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

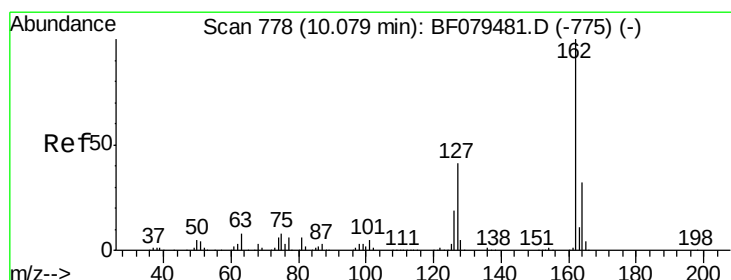
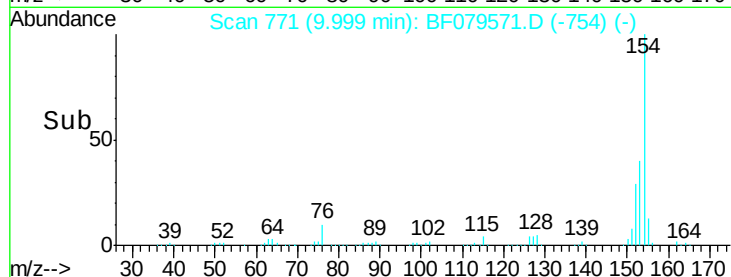
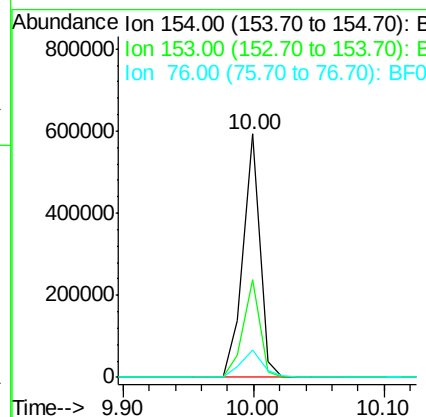
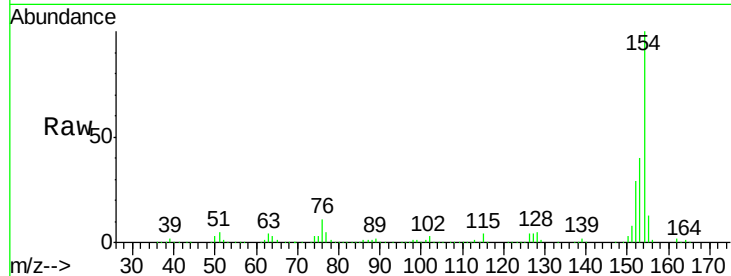
ClientSampleId :

MW-05MS

Tot Ion:	154	Resp:	529370
Ion Ratio	Lower	Upper	
154	100		
153	40.3	19.5	59.5
76	11.4	0.0	29.6

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



#46

2-Chloronaphthalene

Concen: 29.06 ng

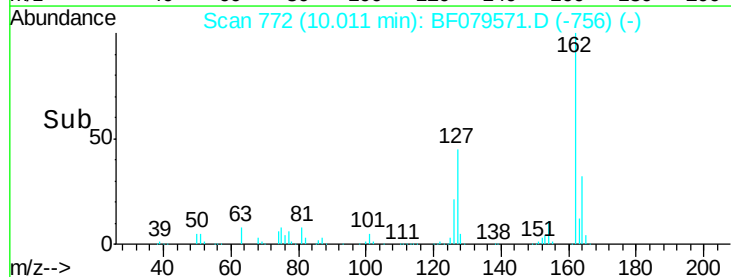
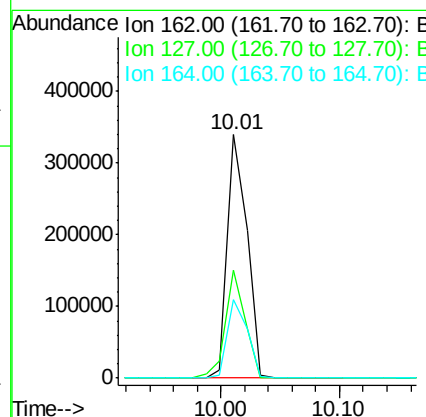
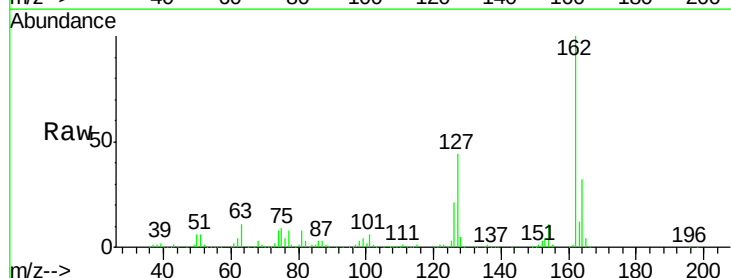
RT: 10.01 min Scan# 772

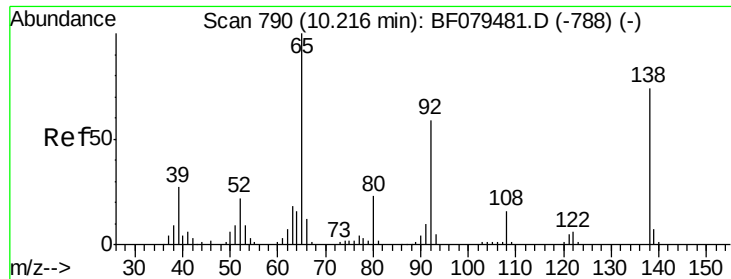
Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion:	162	Resp:	386407
Ion Ratio	Lower	Upper	
162	100		
127	44.3	32.7	49.1
164	32.3	25.8	38.6





#47

2-Nitroaniline

Concen: 28.77 ng

RT: 10.16 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

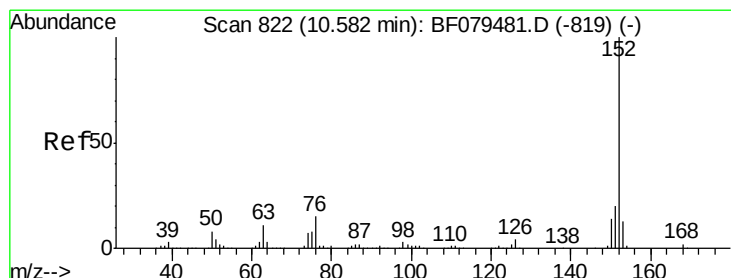
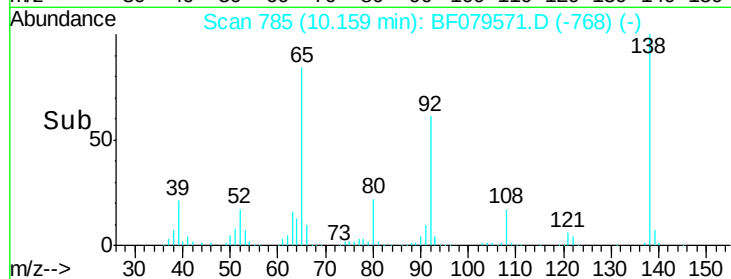
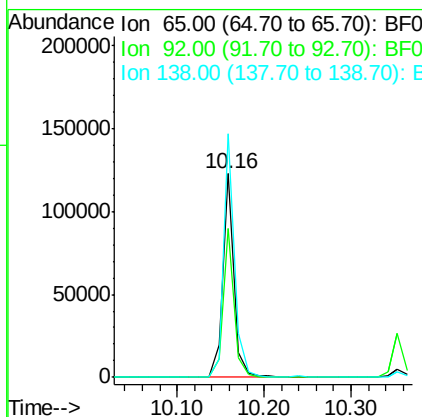
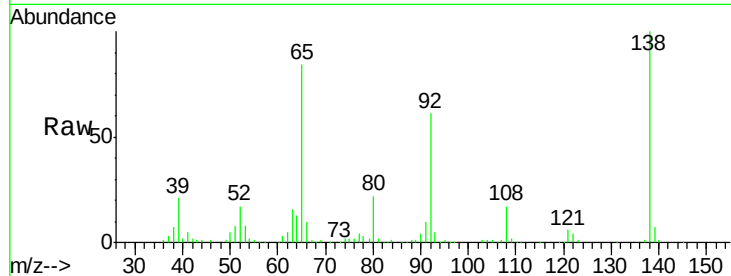
ClientSampleId :

MW-05MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.0	47.2	70.8#	
138	119.6	59.2	88.8#	

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



#48

Acenaphthylene

Concen: 28.90 ng

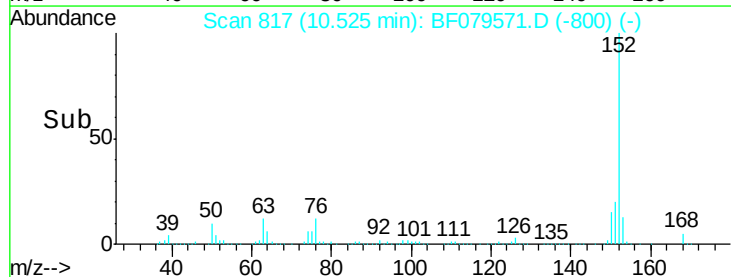
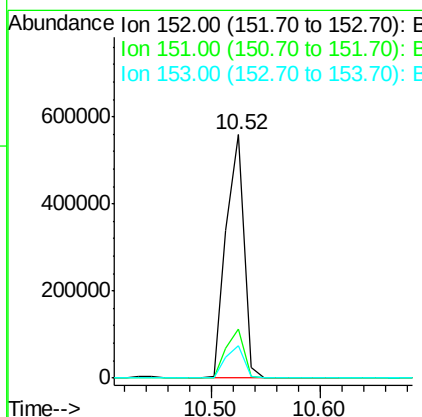
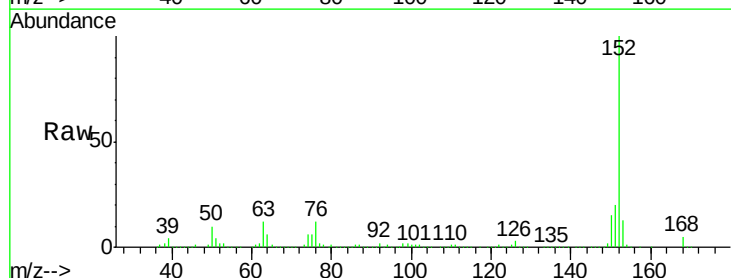
RT: 10.52 min Scan# 817

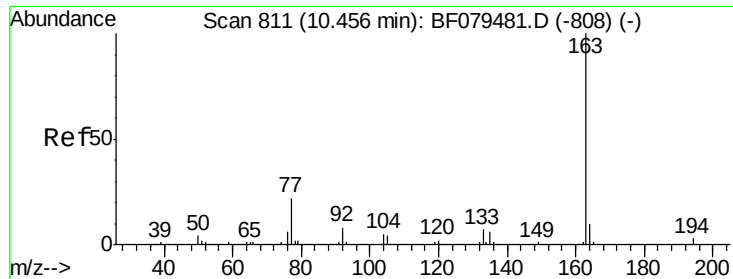
Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.1	15.8	23.8	
153	13.1	10.7	16.1	





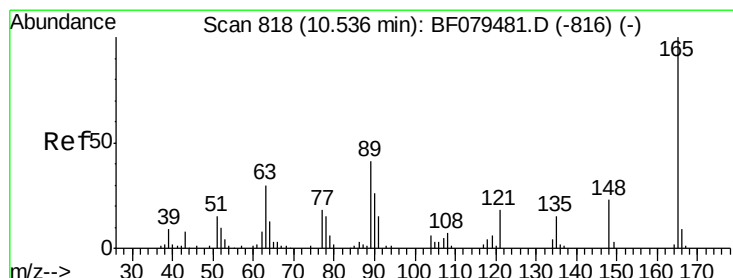
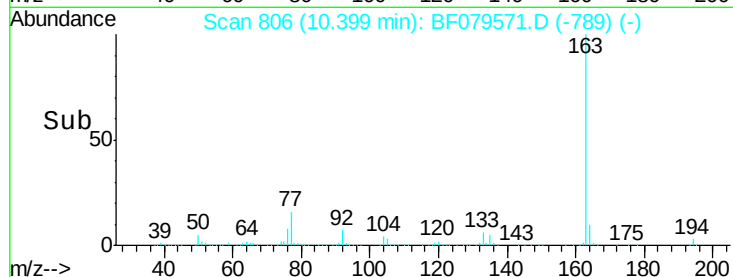
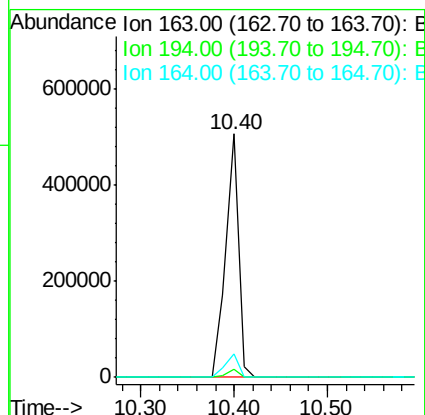
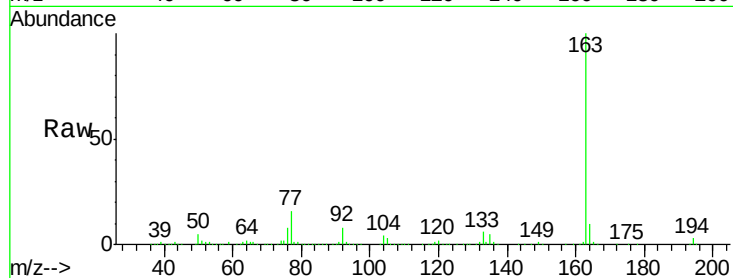
#49
Dimethylphthalate
Concen: 30.42 ng
RT: 10.40 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	483121		
194	3.3	2.4	3.6	
164	9.8	8.2	12.4	

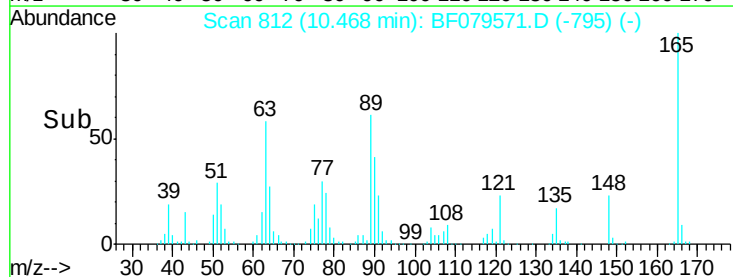
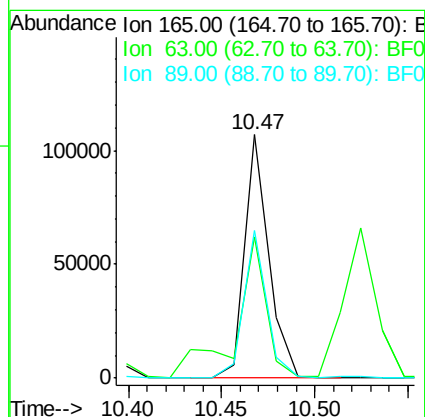
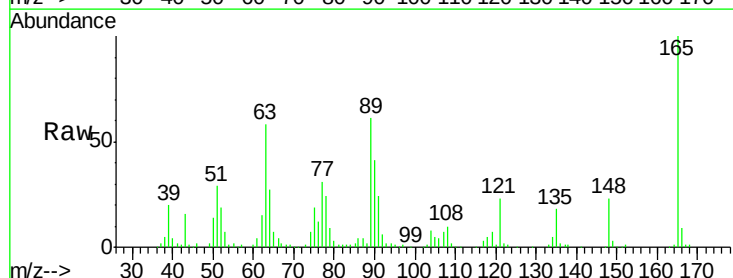
Manual Integrations
APPROVED

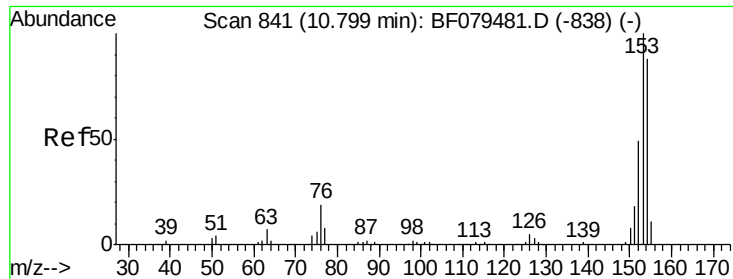
apatel
6/1/2015 4:21:08 PM



#50
2,6-Dinitrotoluene
Concen: 30.31 ng
RT: 10.47 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	96158		
63	58.2	27.7	41.5#	
89	60.6	33.7	50.5#	





#51

Acenaphthene

Concen: 28.78 ng

RT: 10.73 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

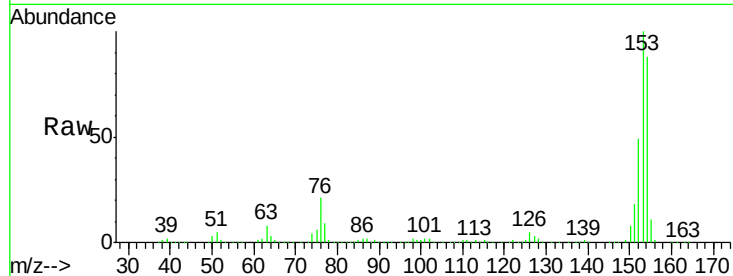
ClientSampleId :

MW-05MS

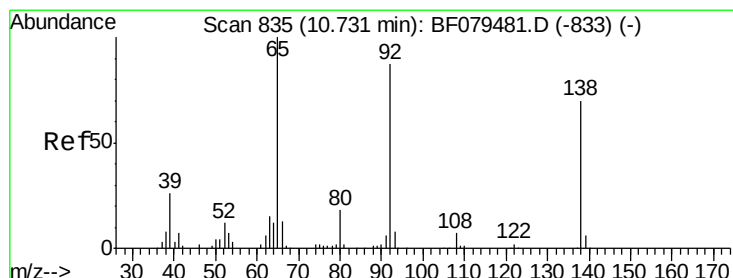
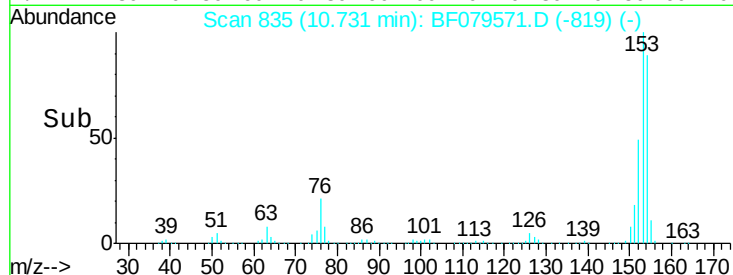
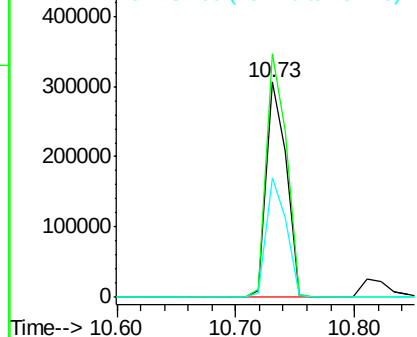
Tot Ion:	154	Resp:	363245
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.1	136.7
152	55.6	44.6	66.8

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 14.26 ng

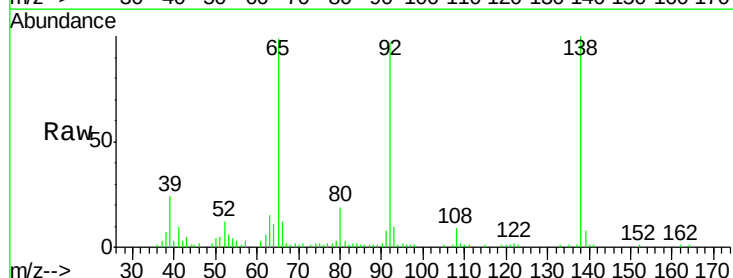
RT: 10.67 min Scan# 830

Delta R.T. -0.00 min

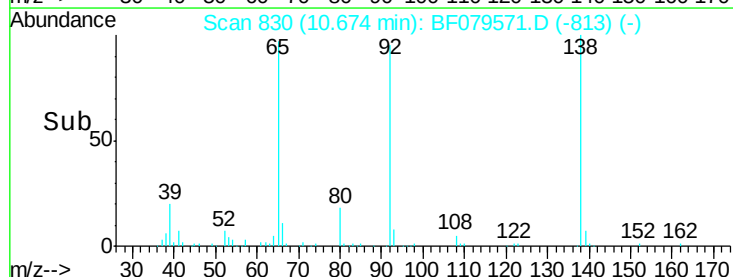
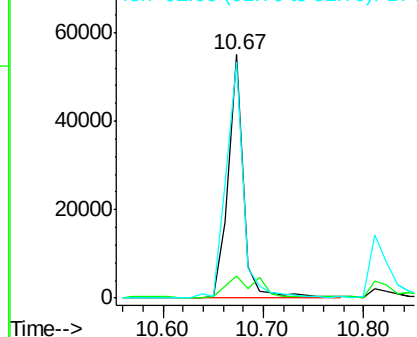
Lab File: BF079571.D

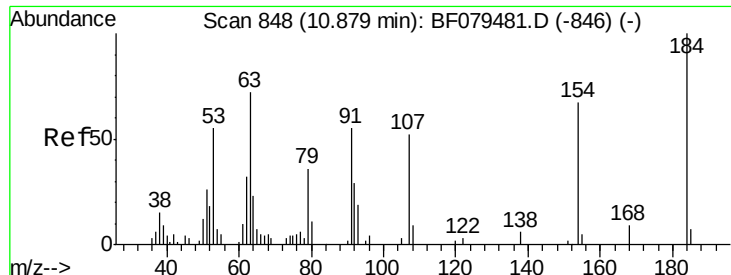
Acq: 29 May 2015 20:35

Tgt Ion:	138	Resp:	58850
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.0	12.0
92	96.7	99.9	149.9#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





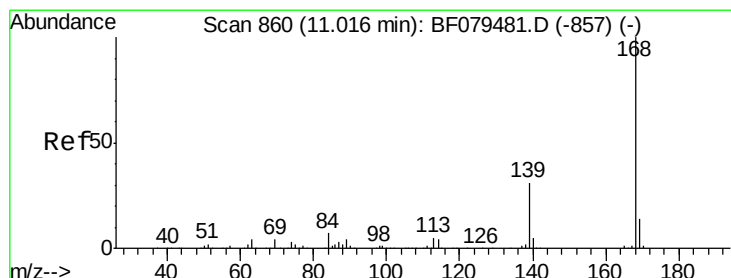
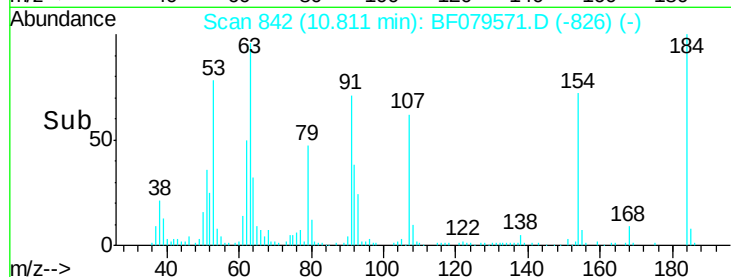
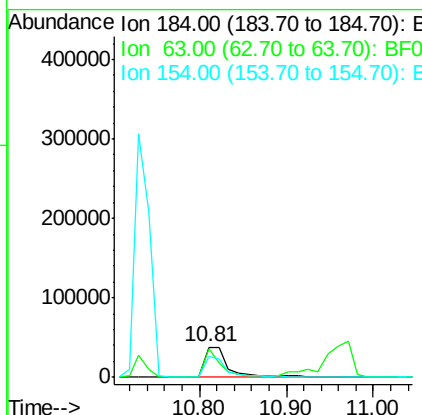
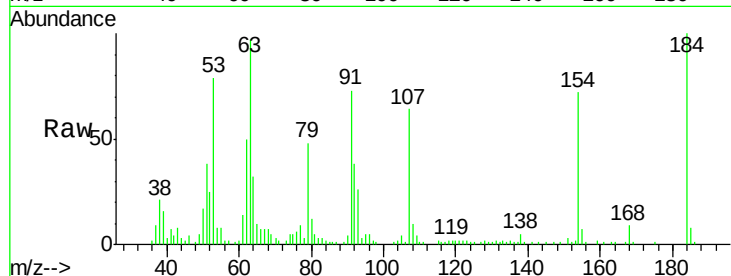
#53
 2,4-Dinitrophenol
 Concen: 62.43 ng
 RT: 10.81 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	96.5	57.7	86.5#
154	71.7	53.4	80.2

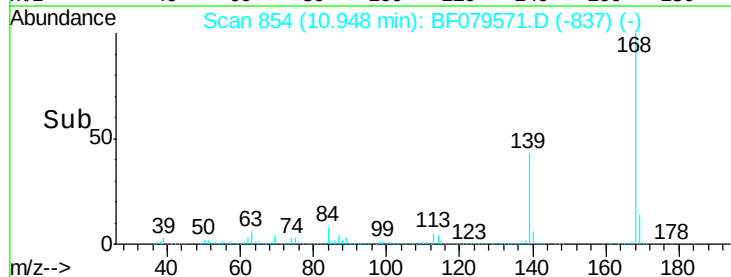
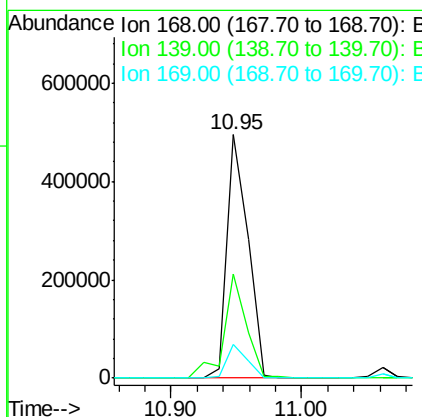
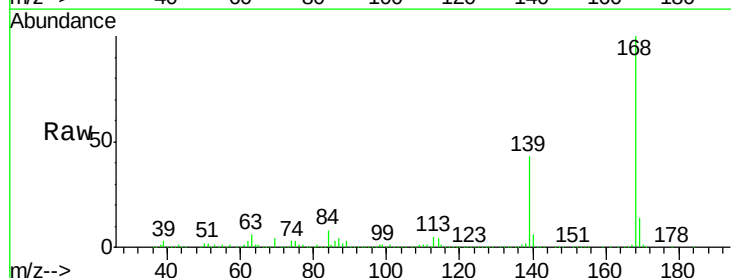
Manual Integrations
 APPROVED

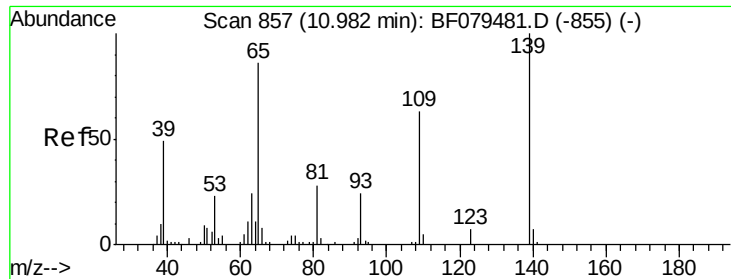
apatel
 6/1/2015 4:21:08 PM



#54
 Dibenzofuran
 Concen: 29.71 ng
 RT: 10.95 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.6	32.9	49.3
169	13.9	11.1	16.7





#55

4-Nitrophenol

Concen: 17.63 ng/mL

RT: 10.92 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

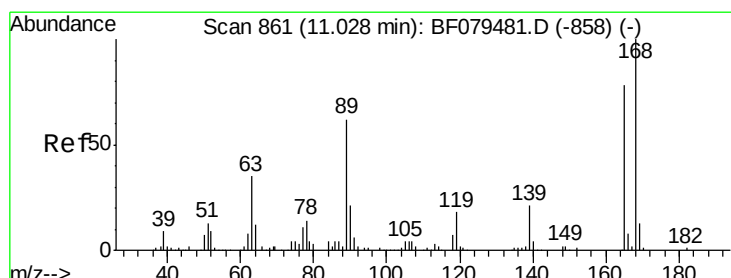
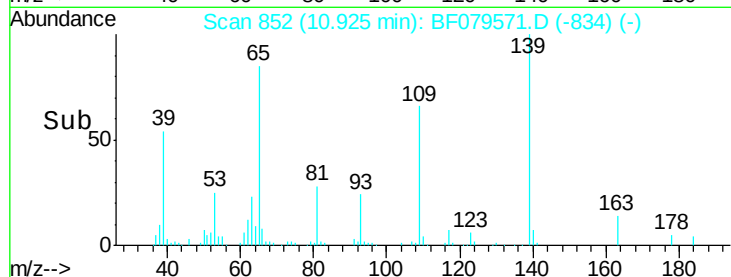
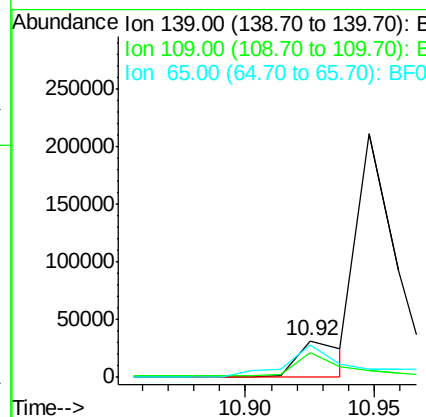
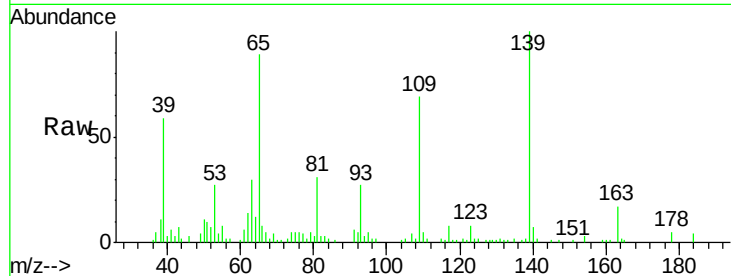
ClientSampled :

MW-05MS

Tot Ion:	139	Resp:	40357
Ion Ratio	Lower	Upper	
139	100		
109	68.7	42.8	82.8
65	88.5	66.3	106.3

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



#56

2,4-Dinitrotoluene

Concen: 31.01 ng/mL

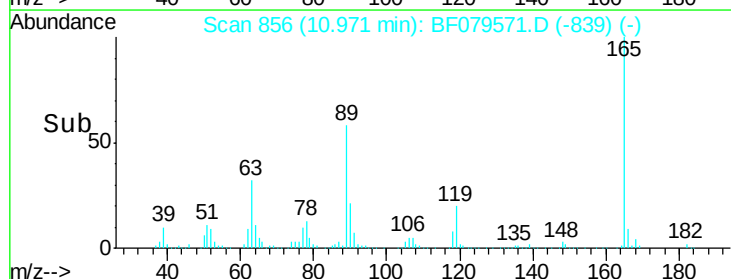
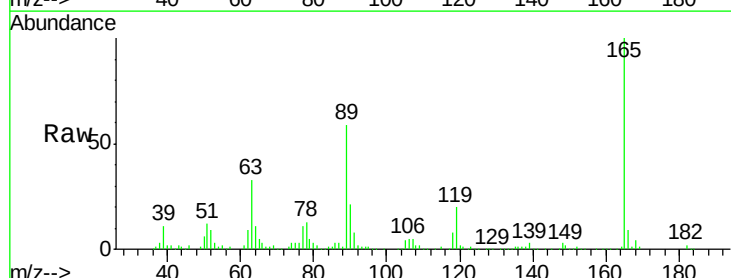
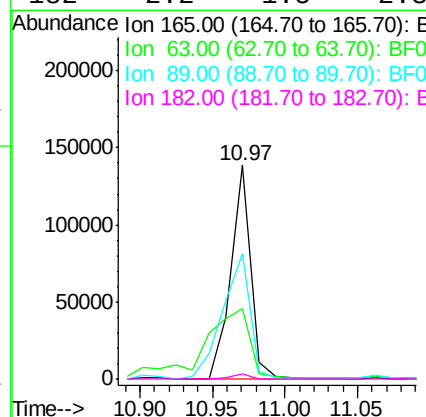
RT: 10.97 min Scan# 856

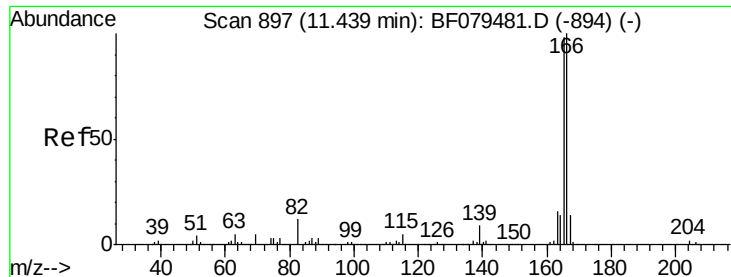
Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion:	165	Resp:	131974
Ion Ratio	Lower	Upper	
165	100		
63	32.7	39.5	59.3#
89	58.7	64.2	96.4#
182	2.2	1.5	2.3





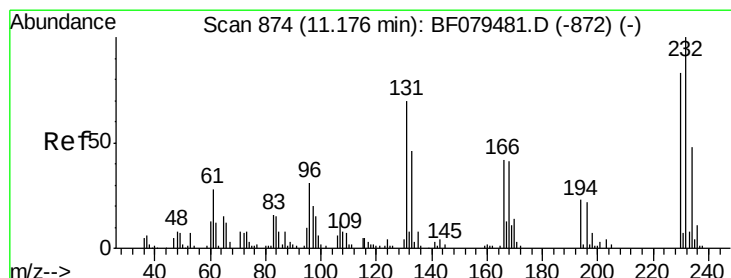
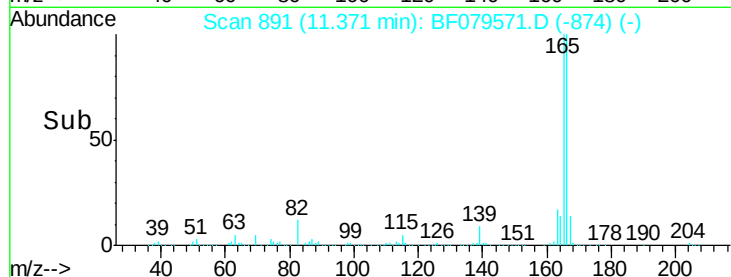
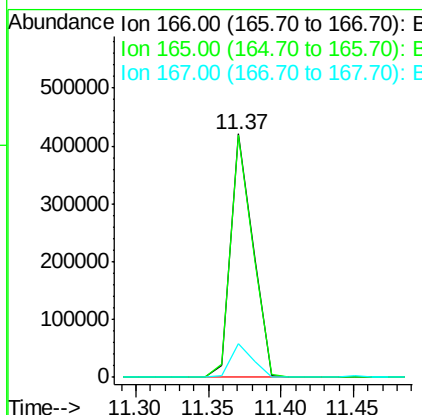
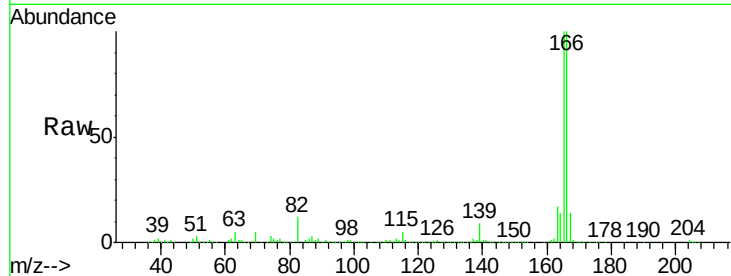
#57
 Fluorene
 Concen: 29.15 ng
 RT: 11.37 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	447227		
165	99.7	78.6	117.8	
167	14.0	10.8	16.2	

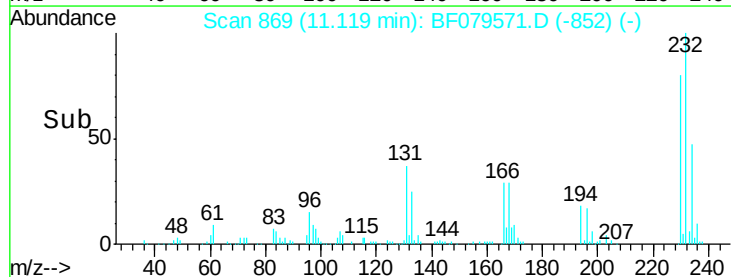
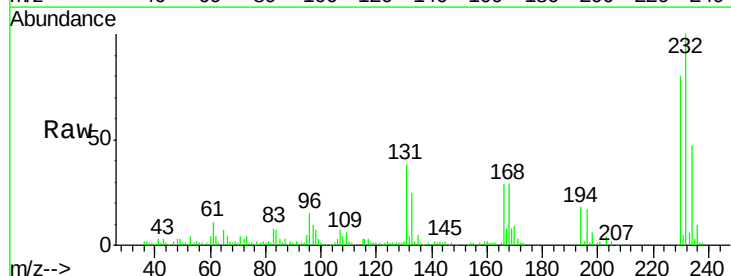
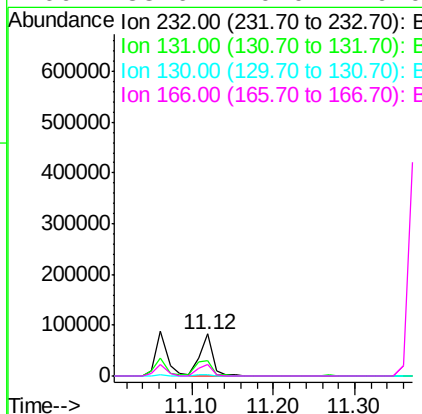
Manual Integrations
 APPROVED

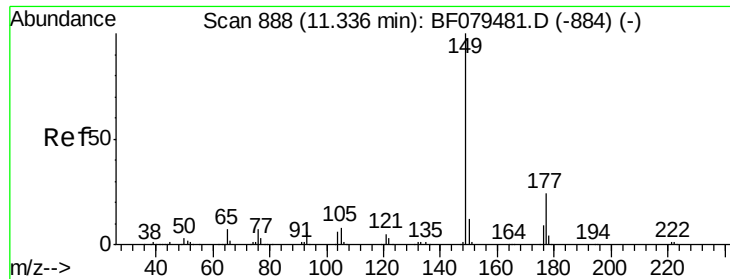
apatel
 6/1/2015 4:21:08 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.39 ng
 RT: 11.12 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	92677		
131	48.0	0.0	0.0#	
130	3.7	0.0	0.0#	
166	33.6	0.0	0.0#	





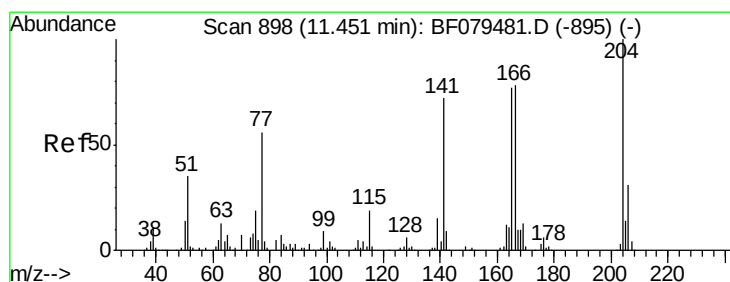
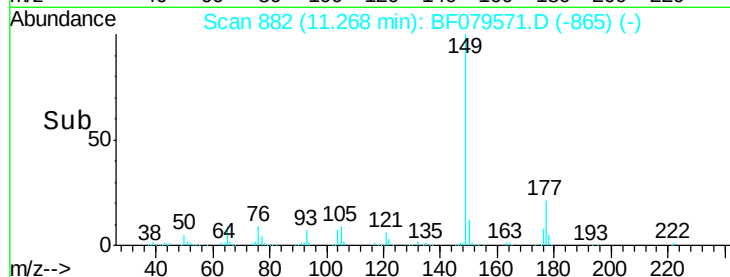
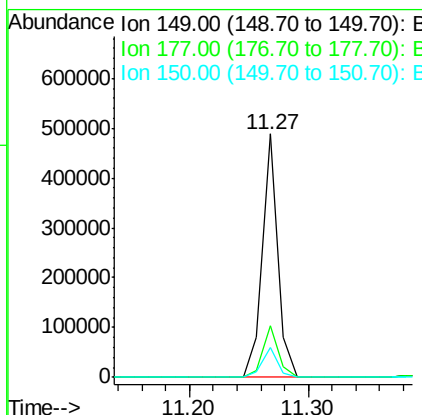
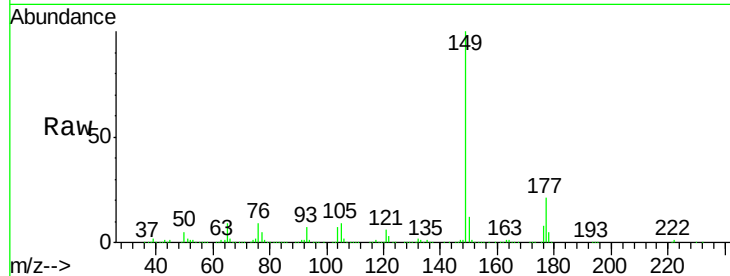
#59
Diethylphthalate
Concen: 28.93 ng
RT: 11.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	18.9	28.3
150	12.3	9.8	14.6

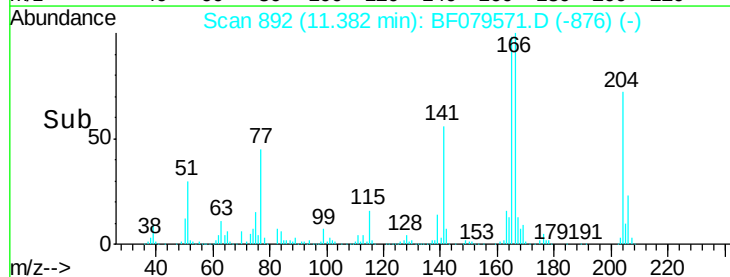
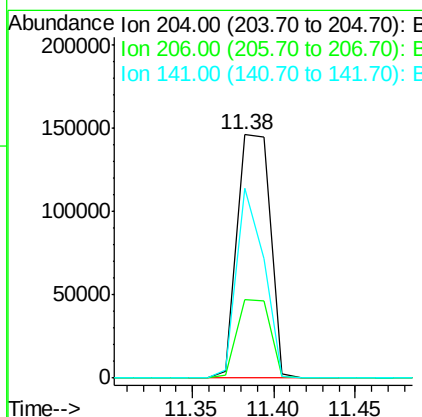
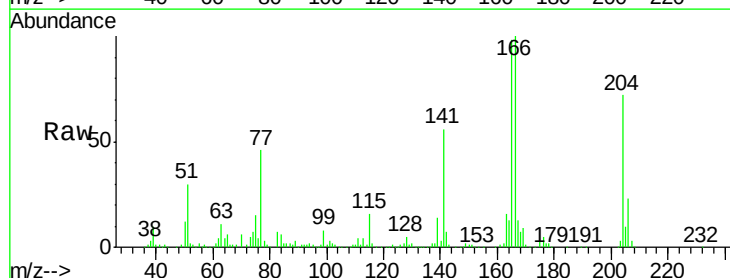
Manual Integrations
APPROVED

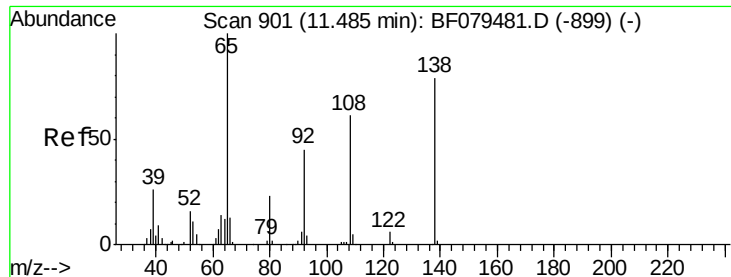
apatel
6/1/2015 4:21:08 PM



#60
4-Chlorophenyl-phenylether
Concen: 30.82 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.0	37.4
141	77.8	57.4	86.2





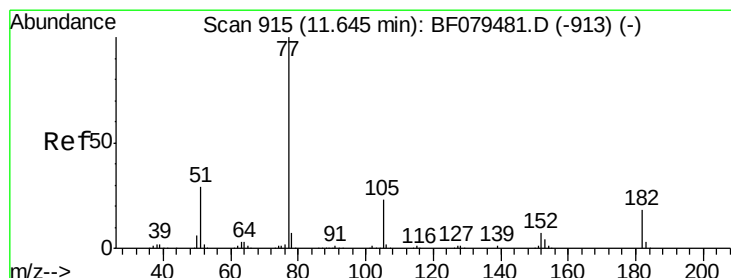
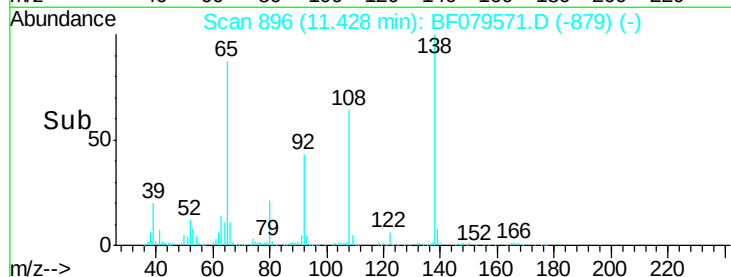
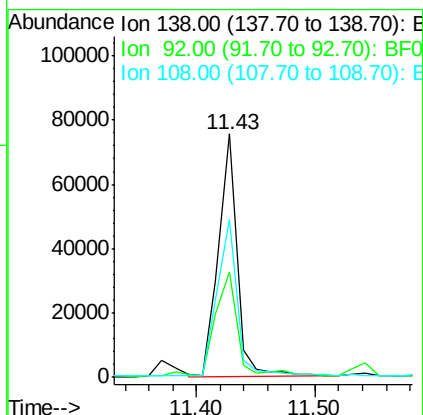
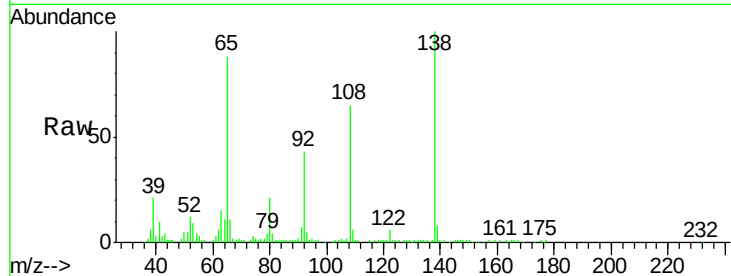
#61
4-Nitroaniline
Concen: 21.23 ng
RT: 11.43 min Scan# 896
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampled :
MW-05MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.2	37.2	77.2
108	64.9	57.0	97.0

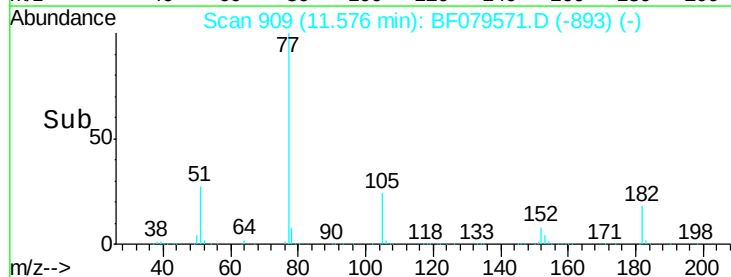
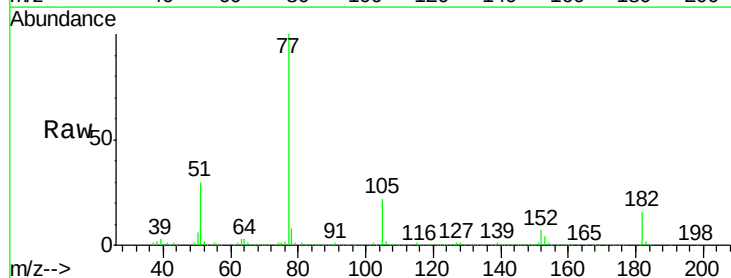
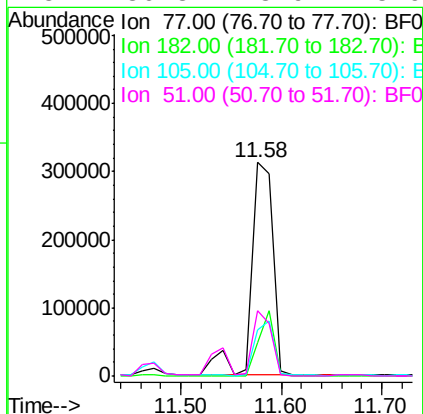
Manual Integrations
APPROVED

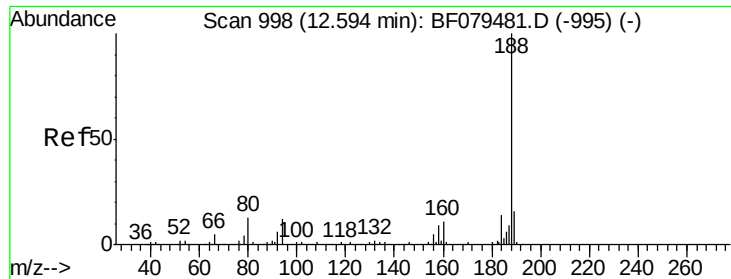
apatel
6/1/2015 4:21:08 PM



#62
Azobenzene
Concen: 31.10 ng
RT: 11.58 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.7	0.0	37.7
105	21.6	2.7	42.7
51	30.3	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

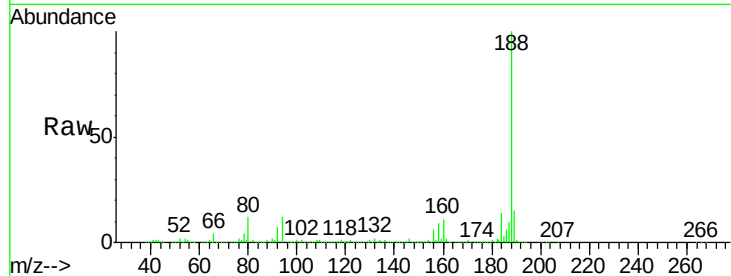
ClientSampleId :

MW-05MS

Tot Ion:	188	Resp:	378823
Ion Ratio	Lower	Upper	
188	100		
94	11.7	9.8	14.6
80	12.1	10.5	15.7

Manual Integrations
APPROVED

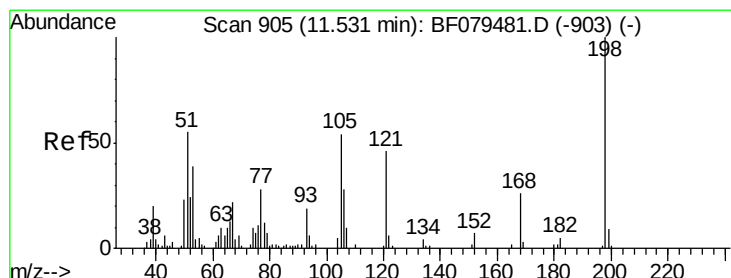
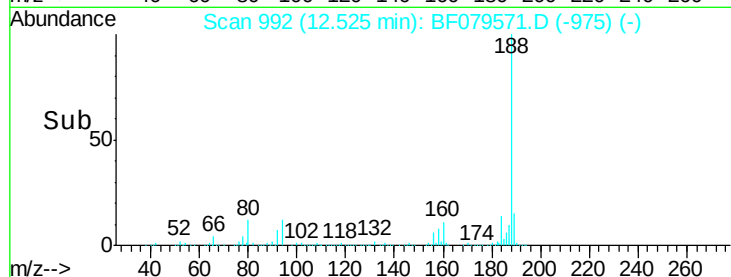
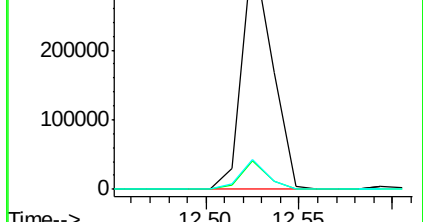
apatel
6/1/2015 4:21:08 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 30.82 ng

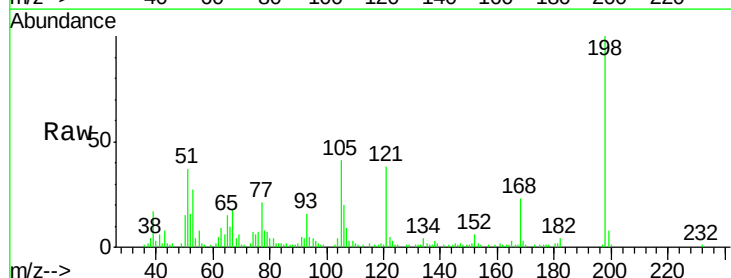
RT: 11.47 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

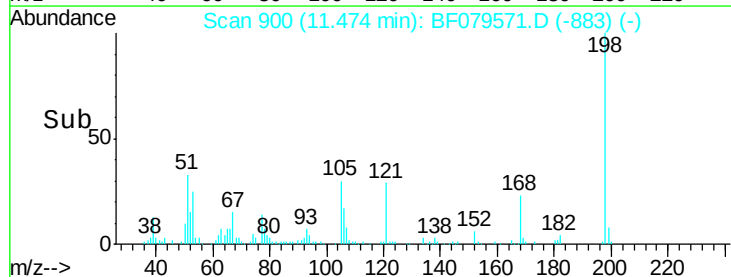
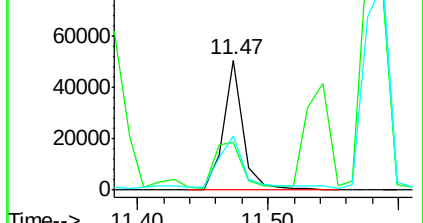
Tgt Ion:	198	Resp:	53417
Ion Ratio	Lower	Upper	
198	100		
51	36.9	36.0	76.0
105	41.4	34.1	74.1

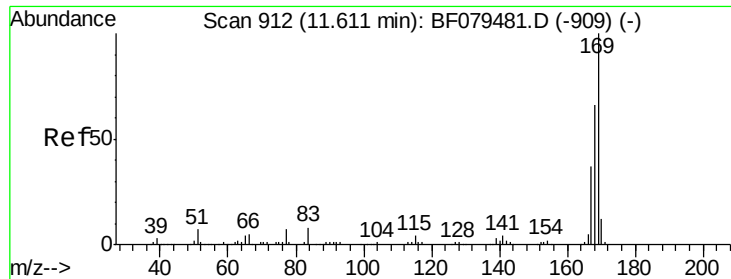


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





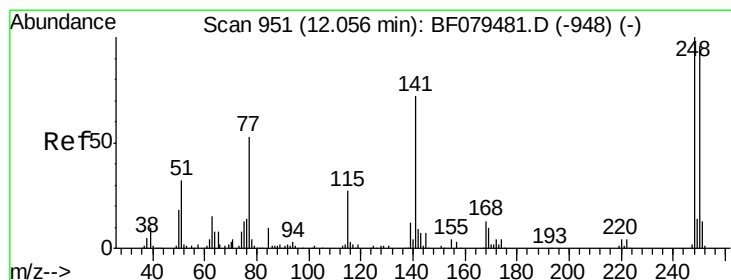
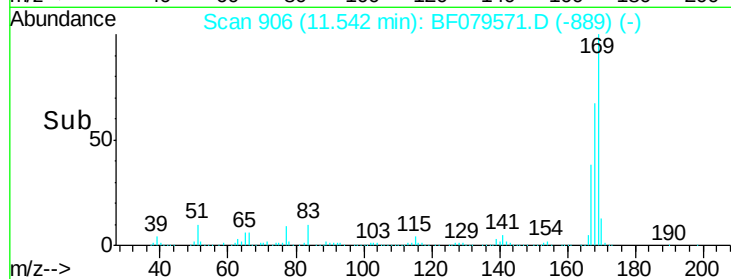
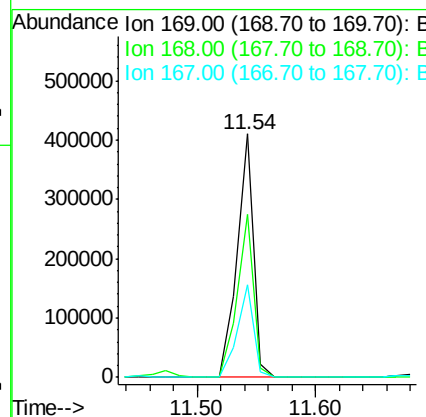
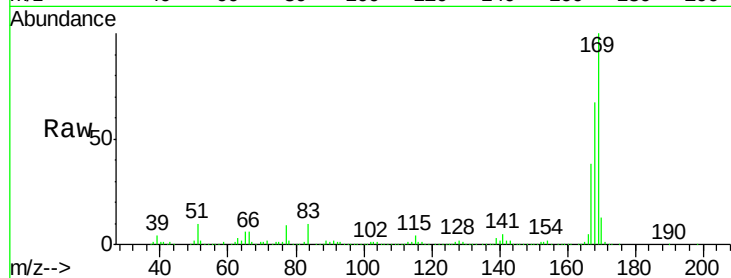
#65
n-Nitrosodiphenylamine
Concen: 31.13 ng
RT: 11.54 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100				
168	66.9	53.1	79.7		
167	37.8	29.9	44.9		

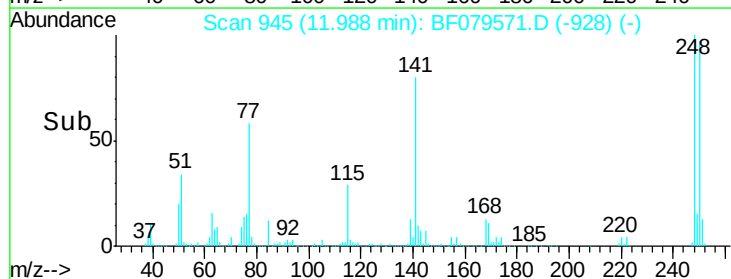
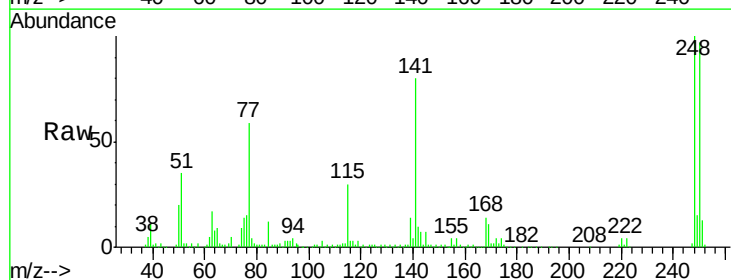
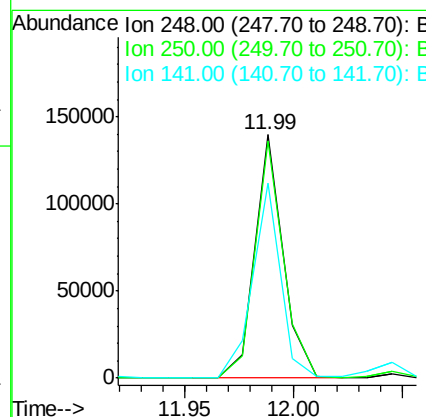
Manual Integrations
APPROVED

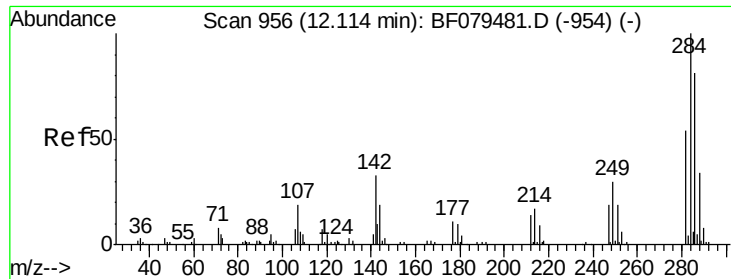
apatel
6/1/2015 4:21:08 PM



#66
4-Bromophenyl-phenylether
Concen: 32.36 ng
RT: 11.99 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100				
250	97.3	76.8	115.2		
141	80.0	57.7	86.5		





#67

Hexachlorobenzene

Concen: 31.93 ng

RT: 12.05 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

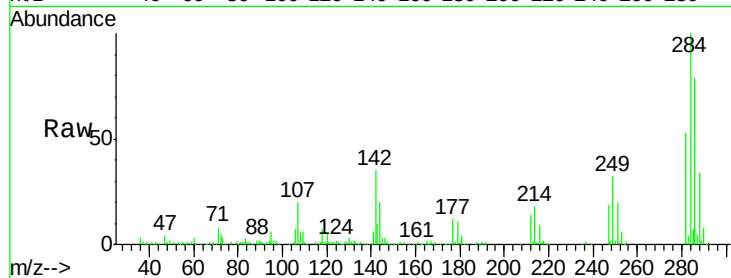
ClientSampleId :

MW-05MS

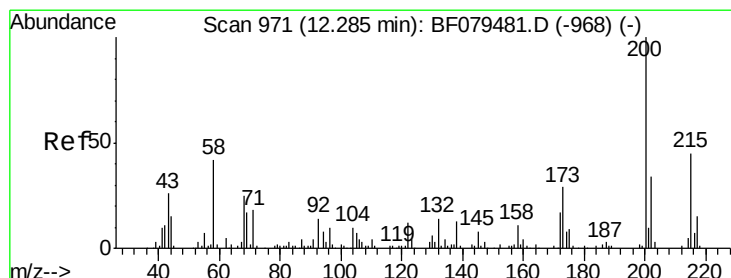
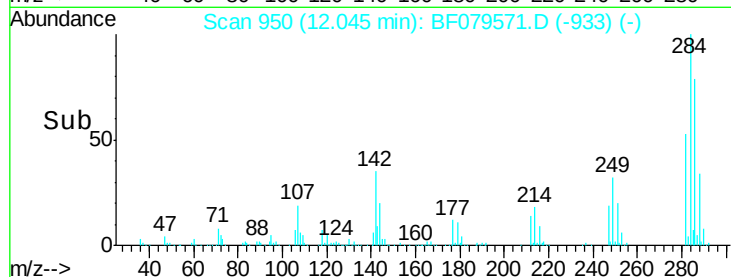
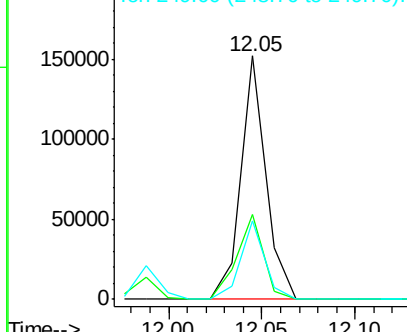
Tot Ion:	284	Resp:	142011
Ion Ratio	Lower	Upper	
284	100		
142	35.0	26.2	39.2
249	32.1	24.3	36.5

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 33.27 ng

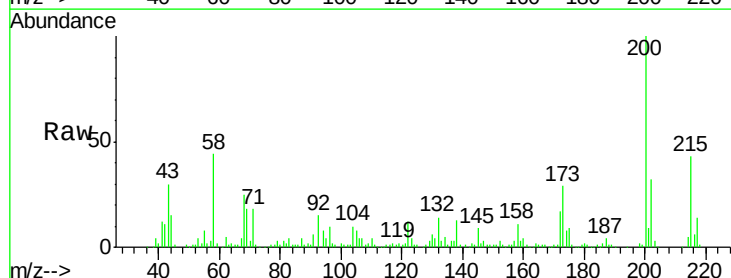
RT: 12.23 min Scan# 966

Delta R.T. 0.01 min

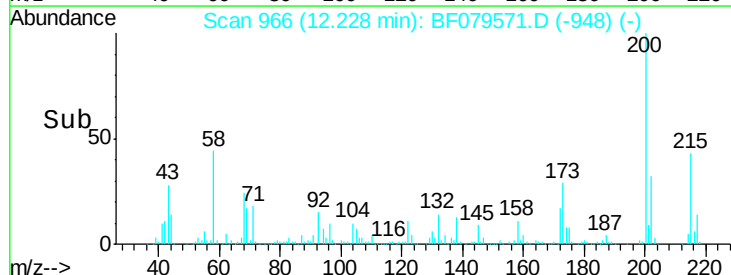
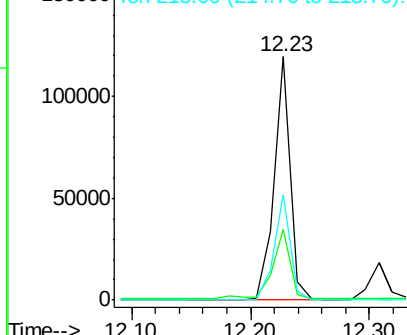
Lab File: BF079571.D

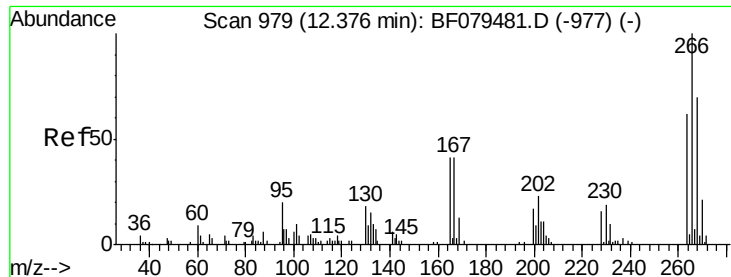
Acq: 29 May 2015 20:35

Tgt Ion:	200	Resp:	113087
Ion Ratio	Lower	Upper	
200	100		
173	29.2	9.4	49.4
215	43.5	25.3	65.3



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





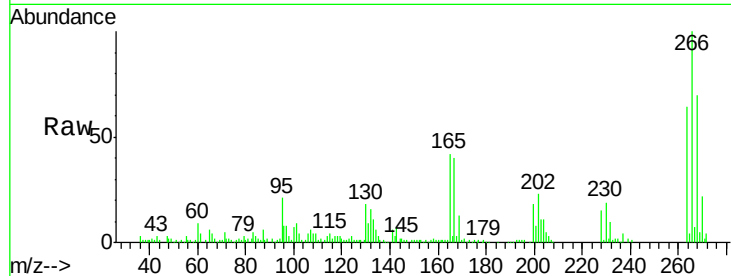
#69
 Pentachlorophenol
 Concen: 68.06 ng
 RT: 12.31 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

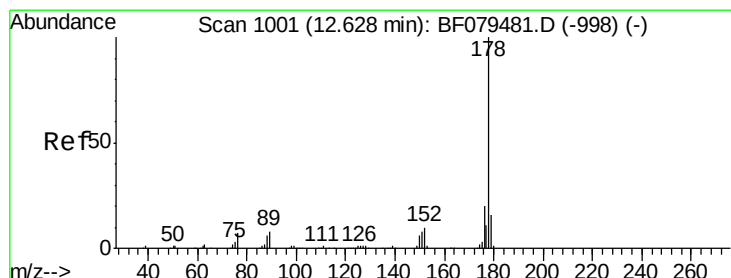
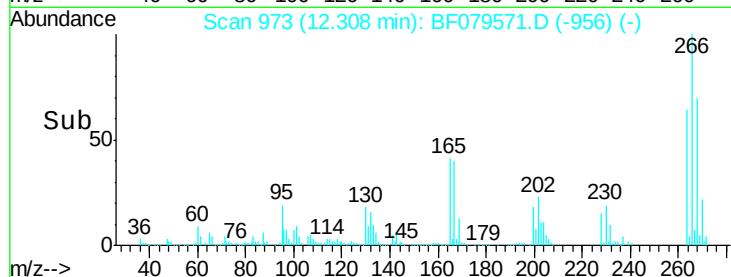
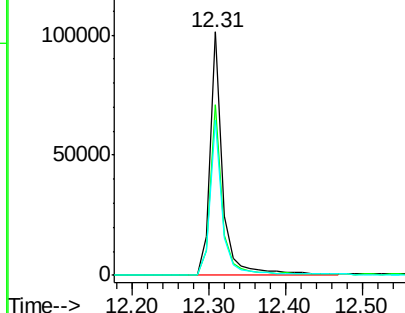
Tot Ion	Ratio	Resp	Lower	Upper
266	100	115966		
268	69.9	56.1	84.1	
264	63.6	50.0	75.0	

Manual Integrations
 APPROVED

apatel
 6/1/2015 4:21:08 PM

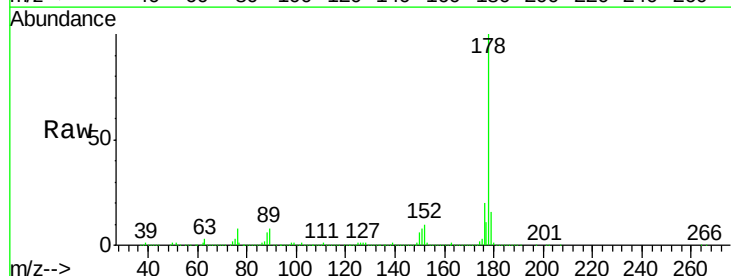


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

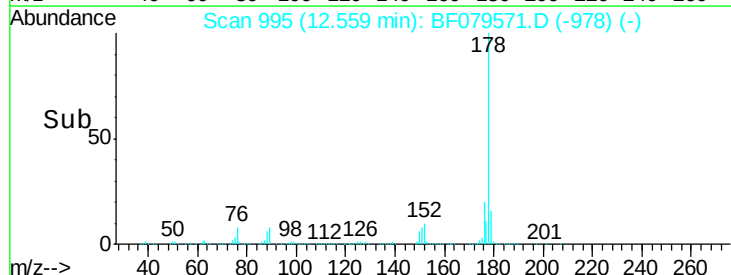
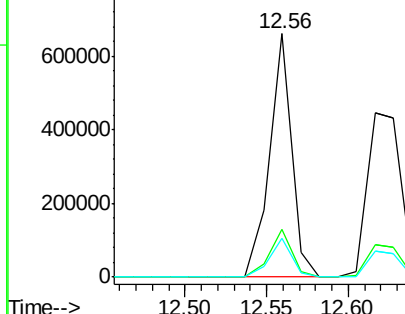


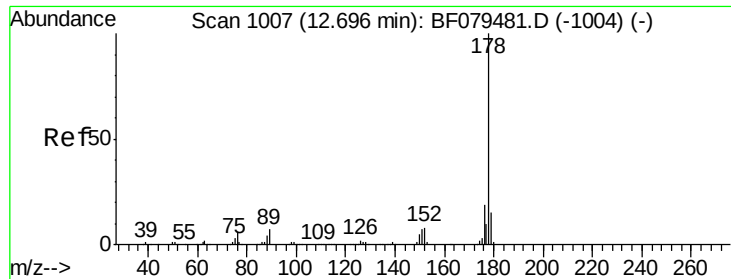
#70
 Phenanthrene
 Concen: 30.28 ng
 RT: 12.56 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	629275		
176	19.8	15.7	23.5	
179	15.7	12.4	18.6	



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





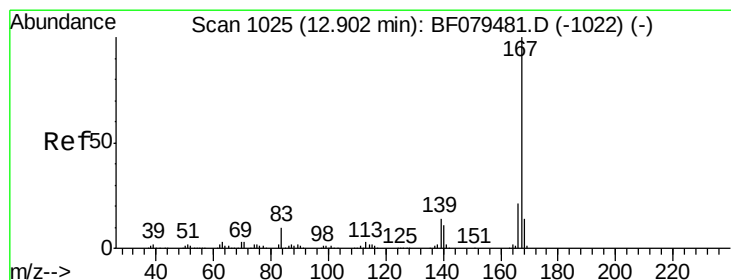
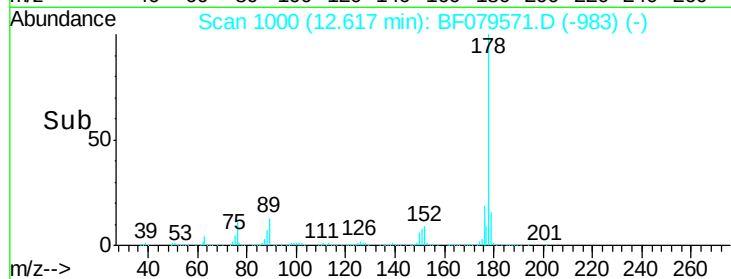
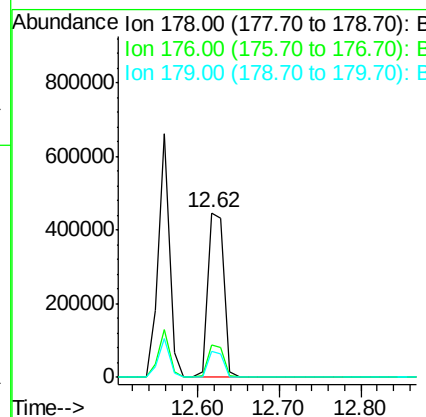
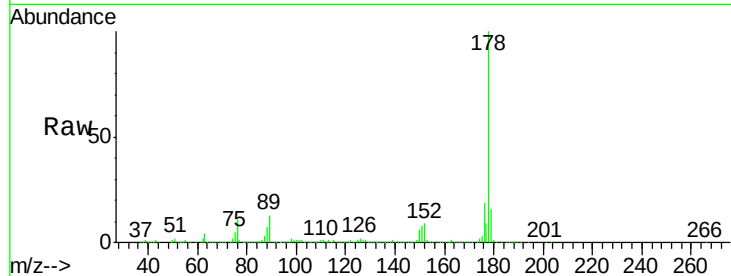
#71
 Anthracene
 Concen: 29.77 ng
 RT: 12.62 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tot Ion:	178	Resp:	628231
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.3	22.9
179	15.9	12.2	18.4

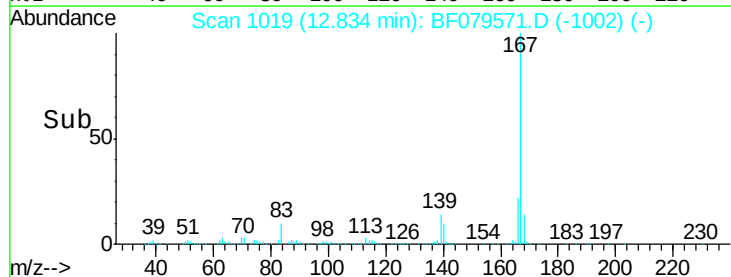
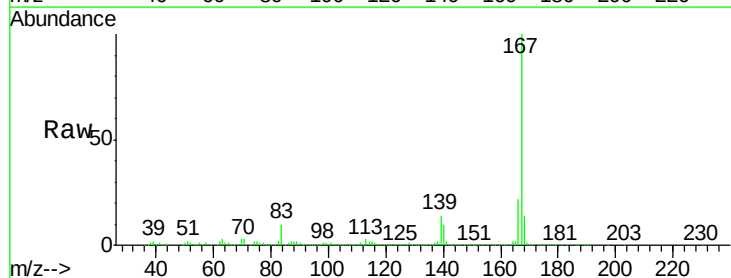
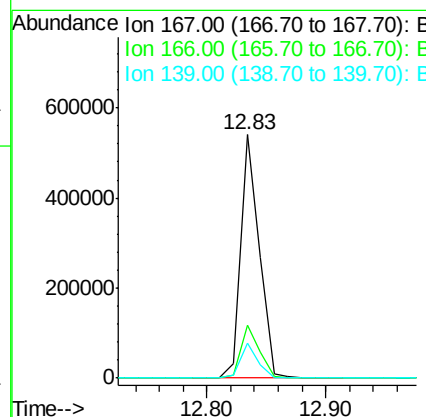
Manual Integrations
 APPROVED

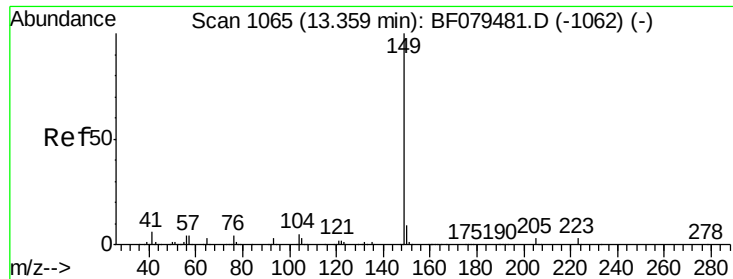
apatel
 6/1/2015 4:21:08 PM



#72
 Carbazole
 Concen: 28.87 ng
 RT: 12.83 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion:	167	Resp:	586463
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.0	25.4
139	14.4	11.2	16.8





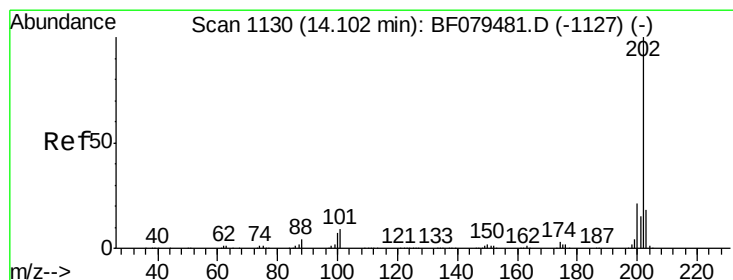
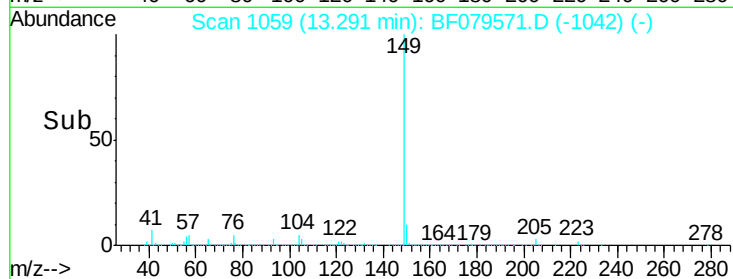
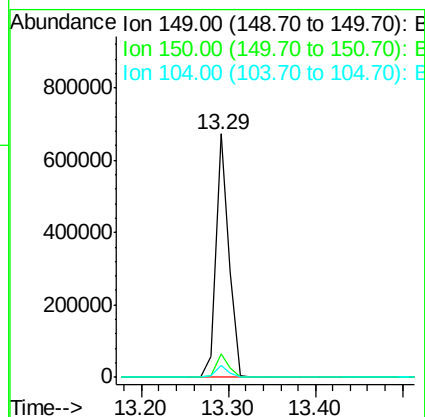
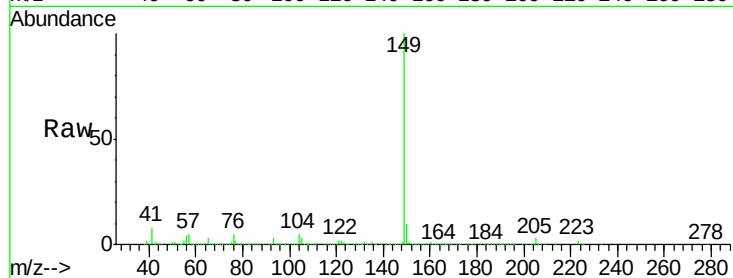
#73
Di-n-butylphthalate
Concen: 30.33 ng
RT: 13.29 min Scan# 1059
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion:	149	Resp:	703821
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.5	11.3
104	5.0	3.6	5.4

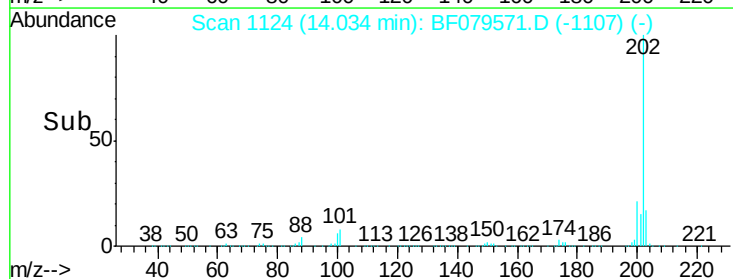
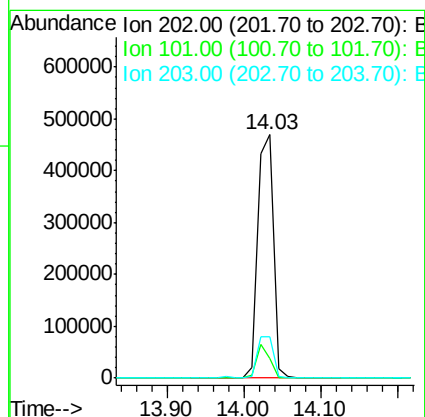
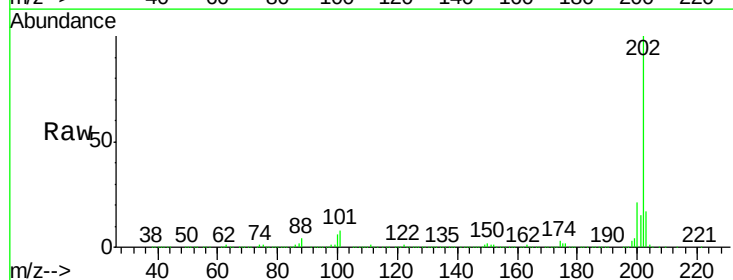
Manual Integrations
APPROVED

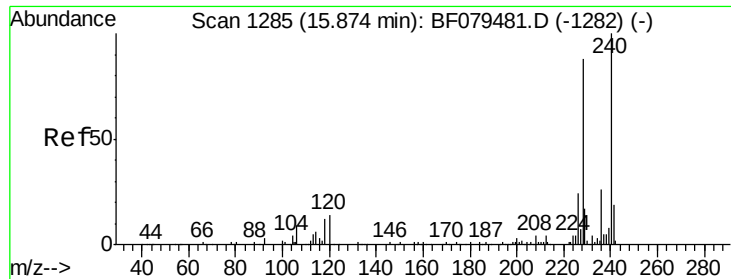
apatel
6/1/2015 4:21:08 PM



#74
Fluoranthene
Concen: 29.28 ng
RT: 14.03 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion:	202	Resp:	652585
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	29.3
203	17.1	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.86 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

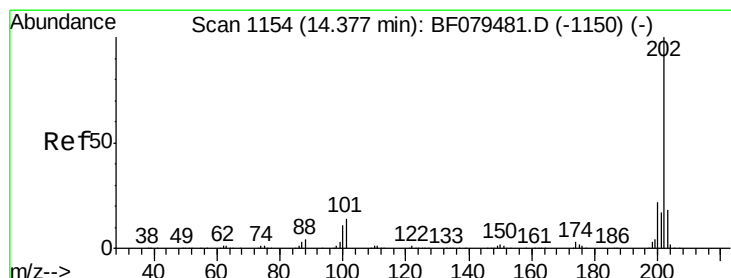
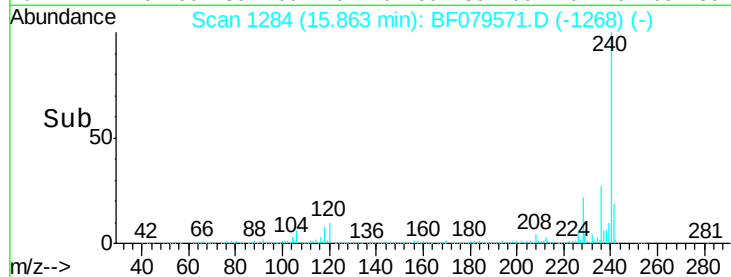
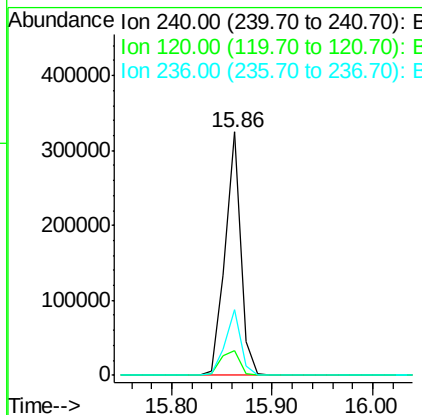
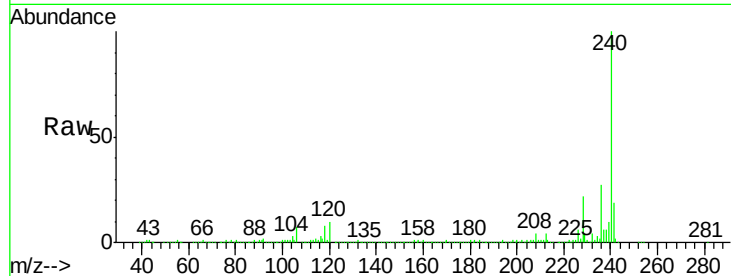
ClientSampleId :

MW-05MS

Tot Ion:	240	Resp:	354540
Ion Ratio		Lower	Upper
240	100		
120	10.2	10.8	16.2#
236	26.8	21.0	31.6

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



#77

Pyrene

Concen: 30.56 ng

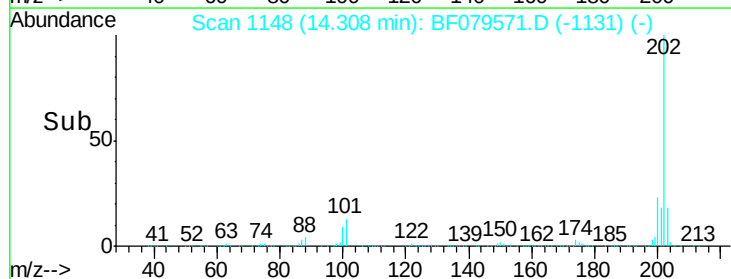
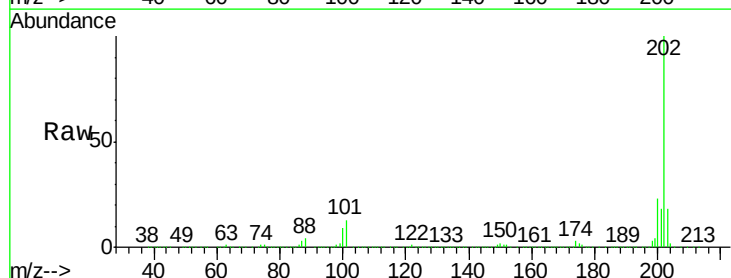
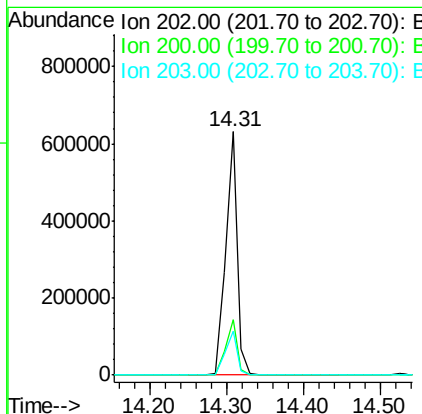
RT: 14.31 min Scan# 1148

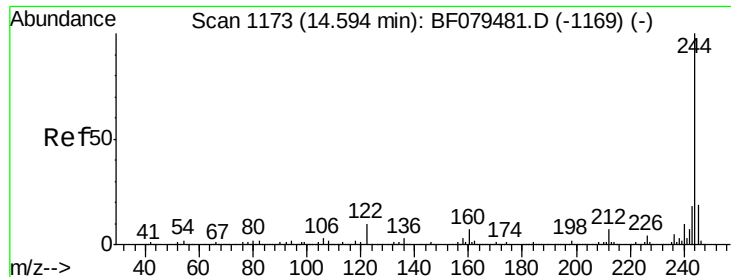
Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion:	202	Resp:	671297
Ion Ratio		Lower	Upper
202	100		
200	22.9	17.5	26.3
203	17.9	14.4	21.6





#78

Terphenyl-d14

Concen: 53.62 ng

RT: 14.53 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

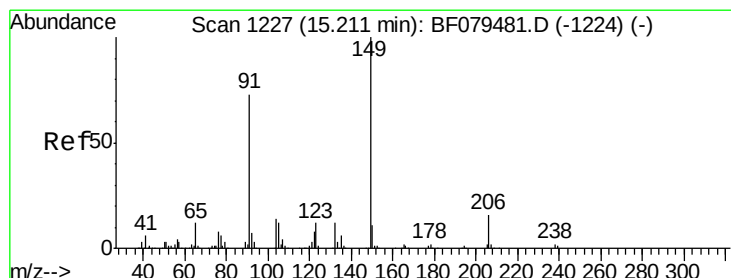
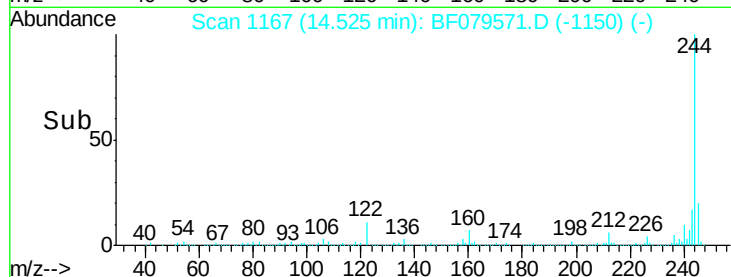
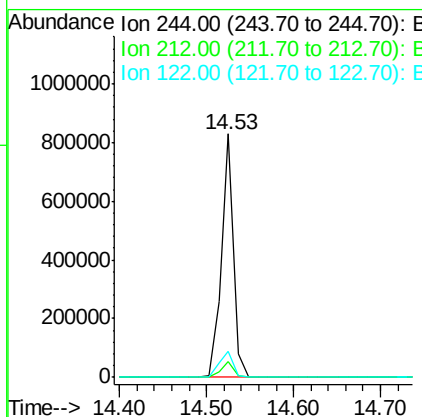
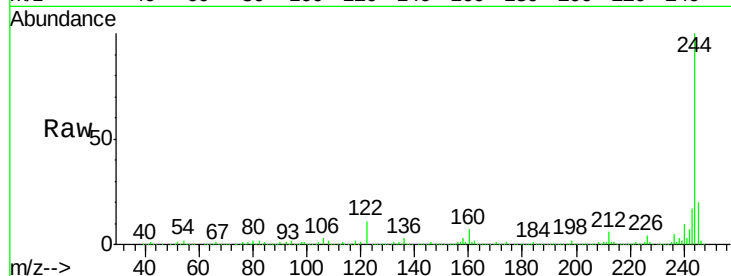
ClientSampled :

MW-05MS

Tot Ion:	244	Resp:	810093
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.2	7.8
122	10.9	8.0	12.0

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM



#79

Butylbenzylphthalate

Concen: 29.90 ng

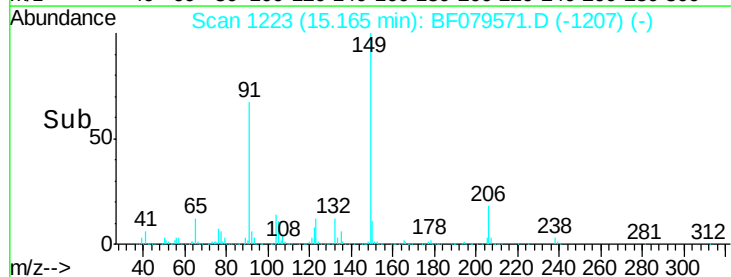
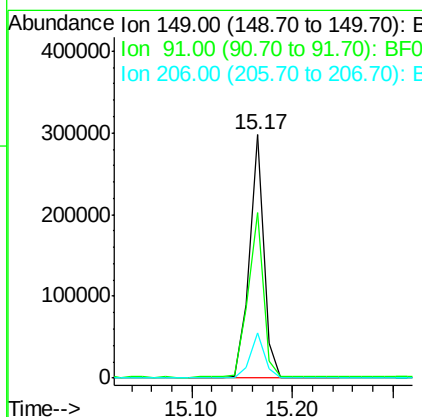
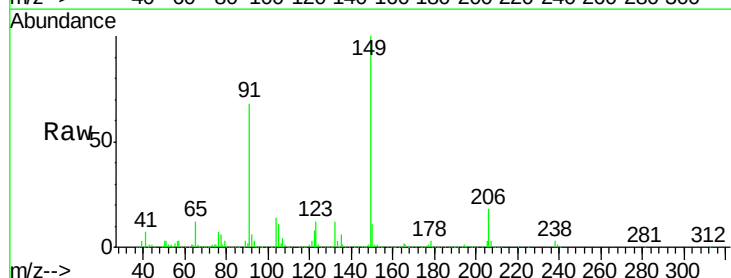
RT: 15.17 min Scan# 1223

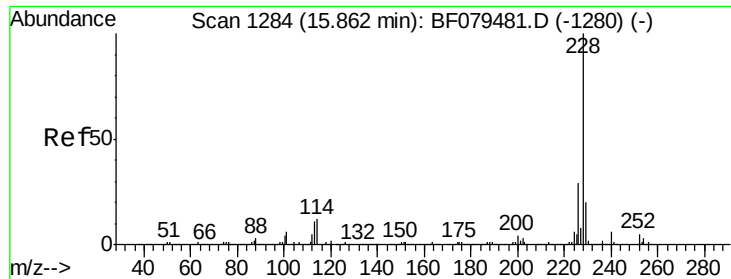
Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Tgt Ion:	149	Resp:	295336
Ion Ratio	Lower	Upper	
149	100		
91	67.8	58.1	87.1
206	18.4	13.1	19.7





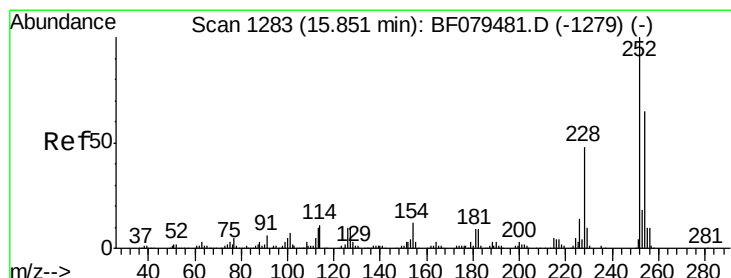
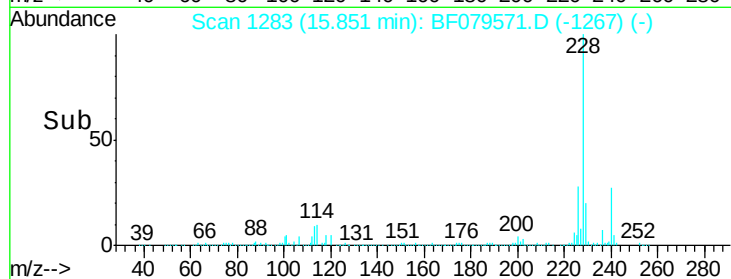
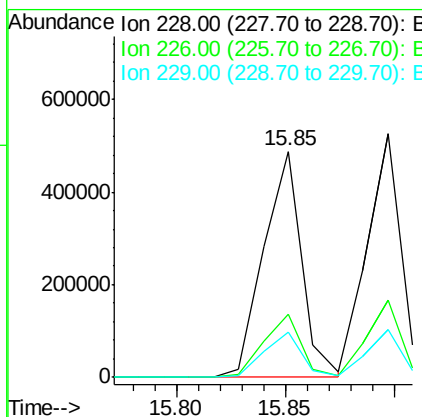
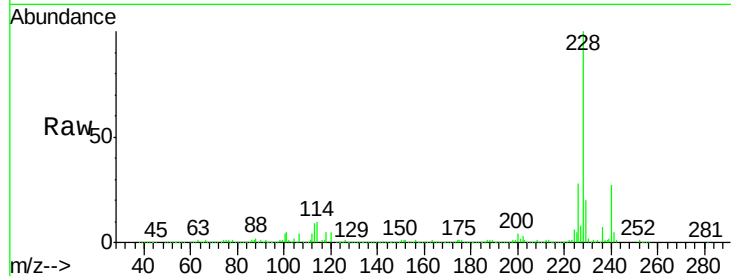
#80
Benzo(a)anthracene
Concen: 29.26 ng
RT: 15.85 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.8	34.2
229	19.8	15.9	23.9

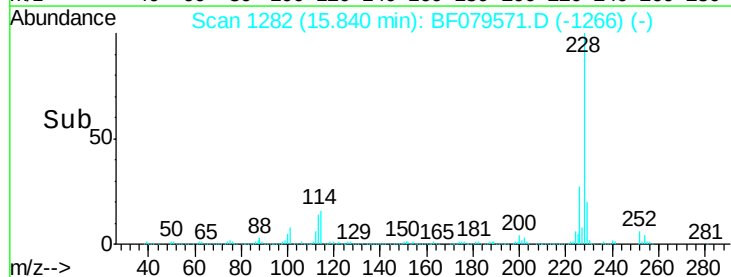
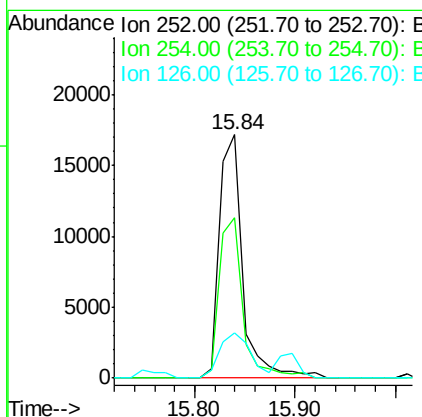
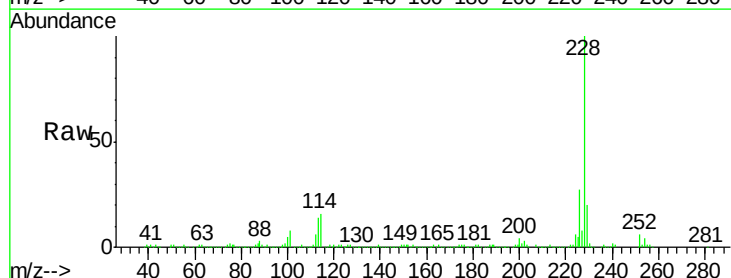
Manual Integrations
APPROVED

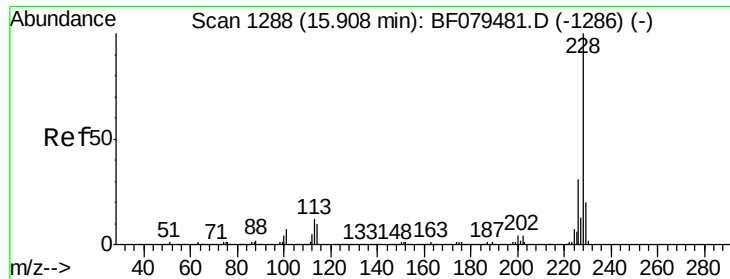
apatel
6/1/2015 4:21:08 PM



#81
3,3'-Dichlorobenzidine
Concen: 3.71 ng
RT: 15.84 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.1	78.1
126	18.6	8.2	12.2





#82

Chrysene

Concen: 29.79 ng

RT: 15.90 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

Instrument :

BNA_F

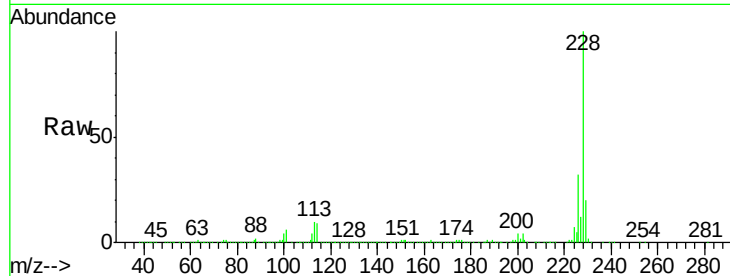
ClientSampleId :

MW-05MS

Tot Ion:	228	Resp:	577431
Ion Ratio	Lower	Upper	
228	100		
226	31.5	25.0	37.4
229	19.7	15.9	23.9

Manual Integrations
APPROVED

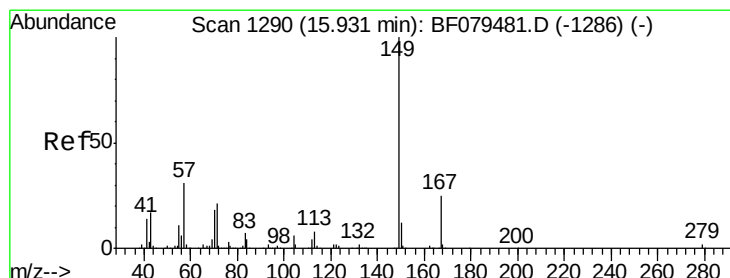
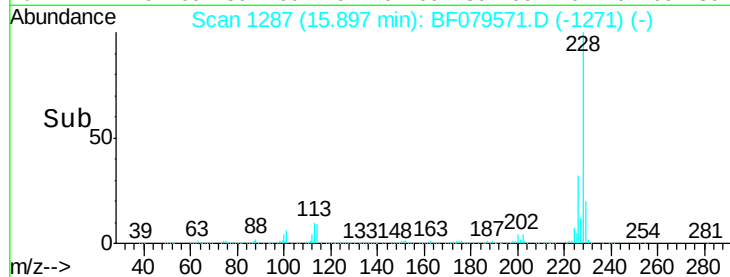
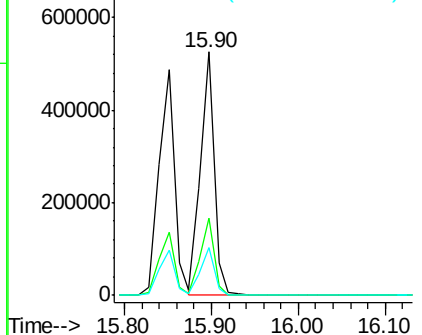
apatel
6/1/2015 4:21:08 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 29.83 ng

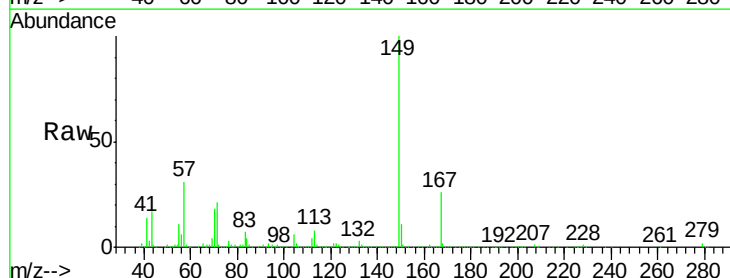
RT: 15.93 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF079571.D

Acq: 29 May 2015 20:35

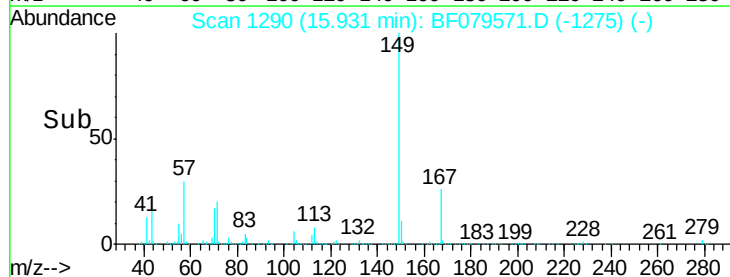
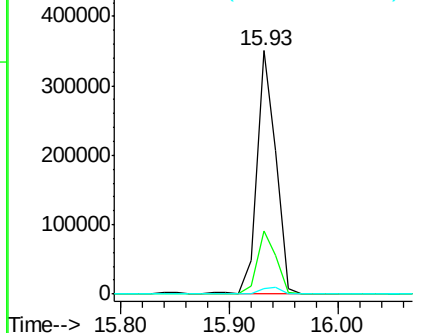
Tgt Ion:	149	Resp:	422102
Ion Ratio	Lower	Upper	
149	100		
167	25.7	20.2	30.4
279	2.2	2.0	3.0

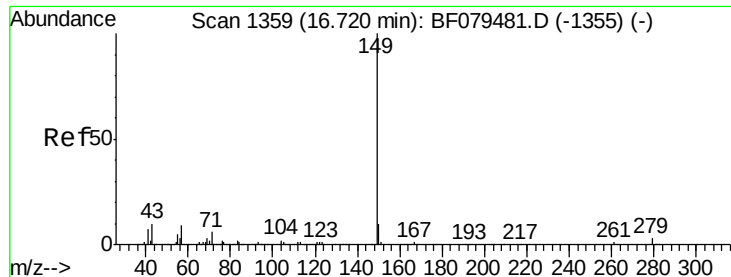


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





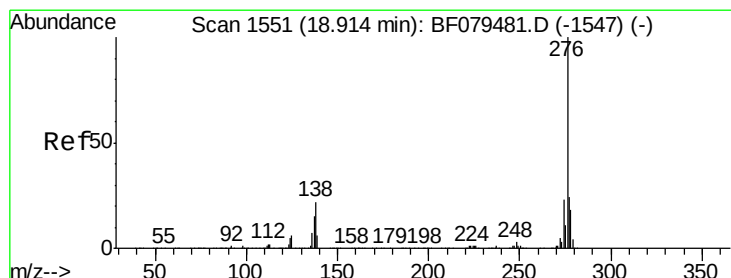
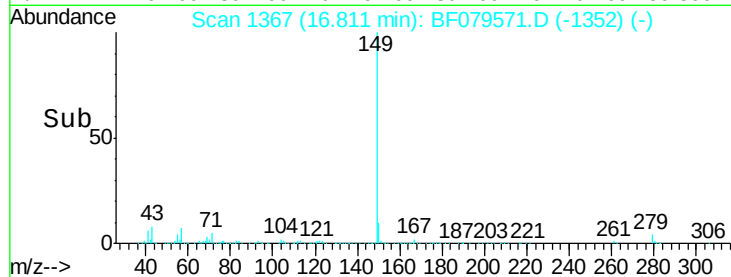
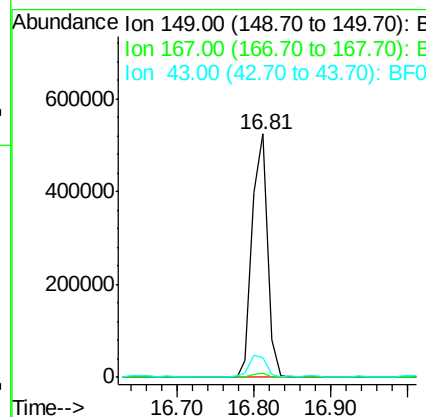
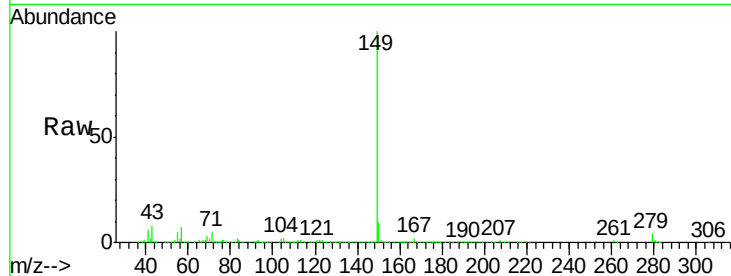
#84
Di-n-octyl phthalate
Concen: 29.12 ng
RT: 16.81 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		717248		
167	1.7		1.2	1.8	
43	9.7		7.8	11.6	

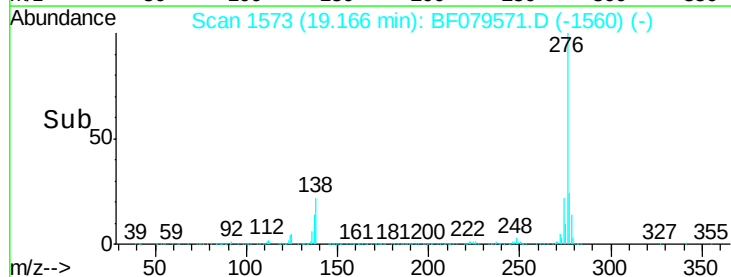
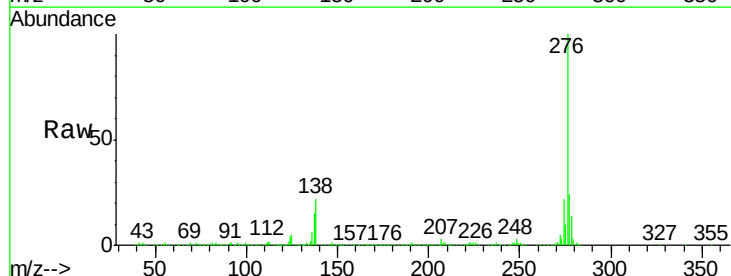
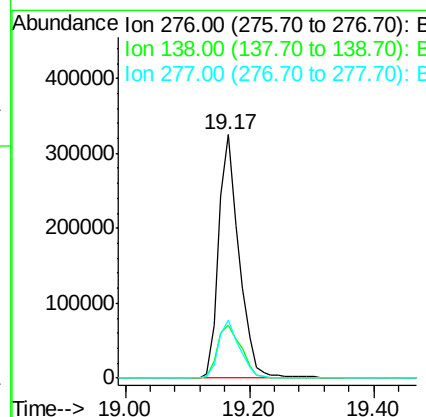
Manual Integrations
APPROVED

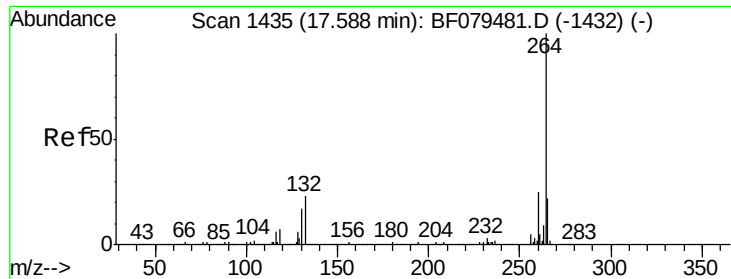
apatel
6/1/2015 4:21:08 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 29.38 ng
RT: 19.17 min Scan# 1573
Delta R.T. -0.05 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		732620		
138	25.8		21.4	32.2	
277	24.7		19.8	29.6	





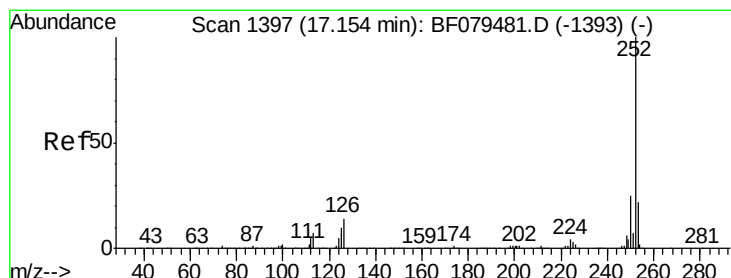
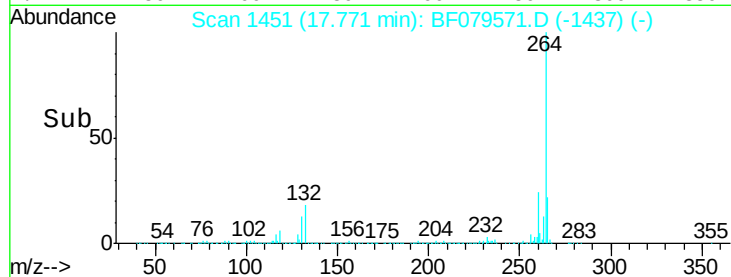
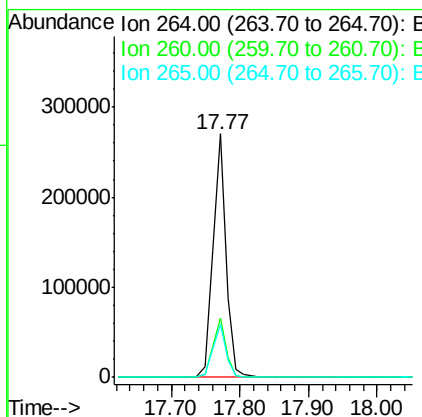
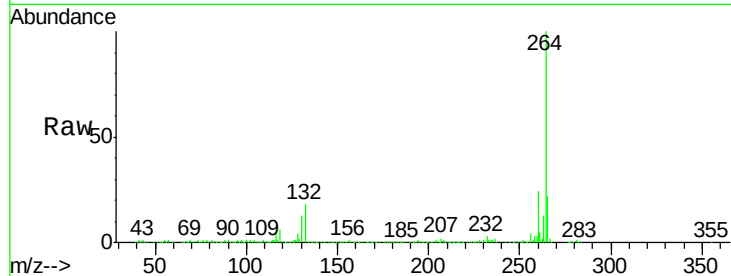
#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1451
 Delta R.T. -0.03 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-05MS

Tot Ion:	264	Resp:	365522
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.8	29.8
265	21.9	17.8	26.6

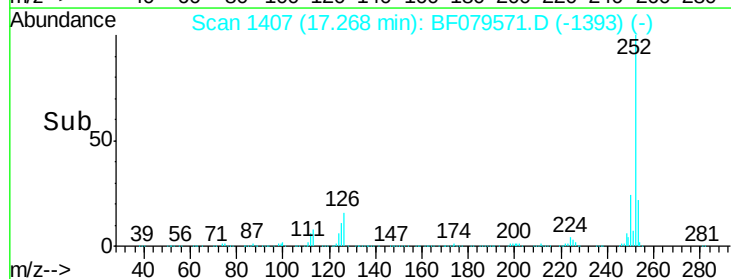
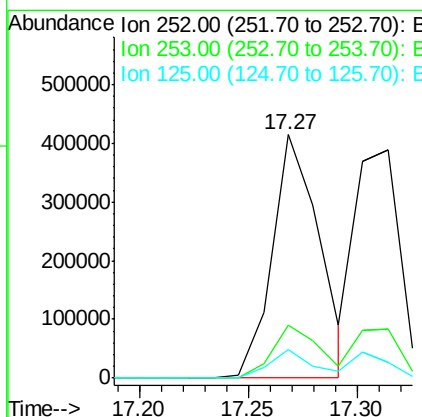
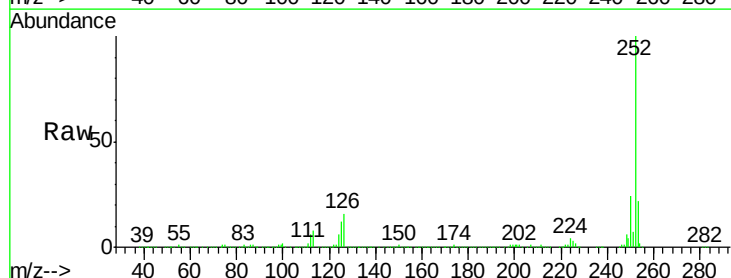
Manual Integrations
 APPROVED

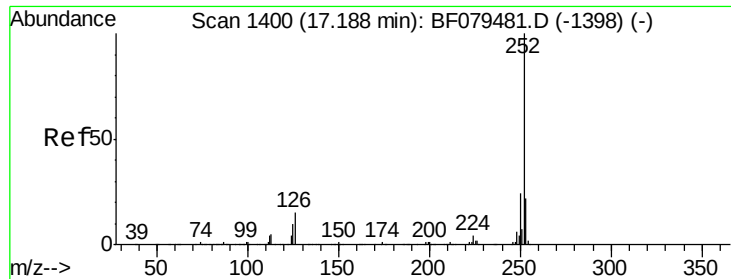
apatel
 6/1/2015 4:21:08 PM



#87
 Benzo(b)fluoranthene
 Concen: 30.22 ng
 RT: 17.27 min Scan# 1407
 Delta R.T. -0.03 min
 Lab File: BF079571.D
 Acq: 29 May 2015 20:35

Tgt Ion:	252	Resp:	629999
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.6	26.4
125	11.5	7.8	11.6





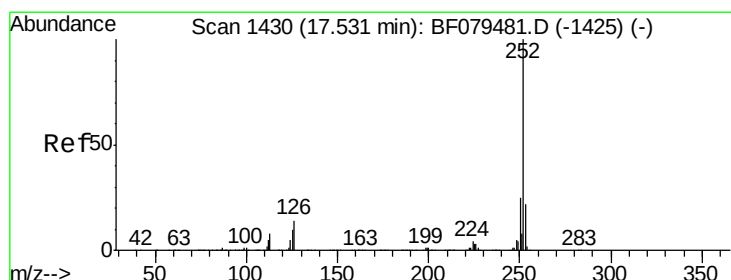
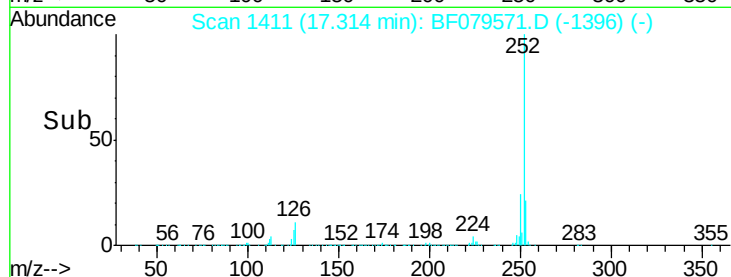
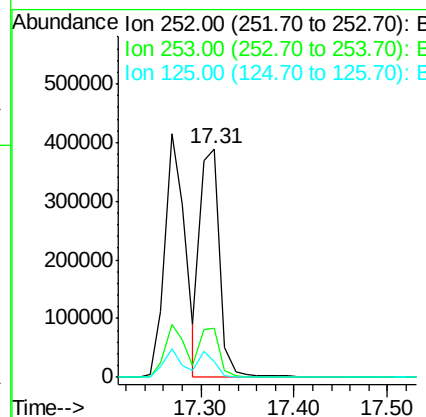
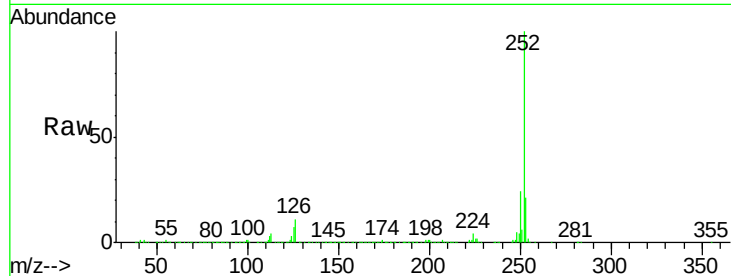
#88
Benzo(k)fluoranthene
Concen: 30.67 ng
RT: 17.31 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	7.1	6.8	10.2

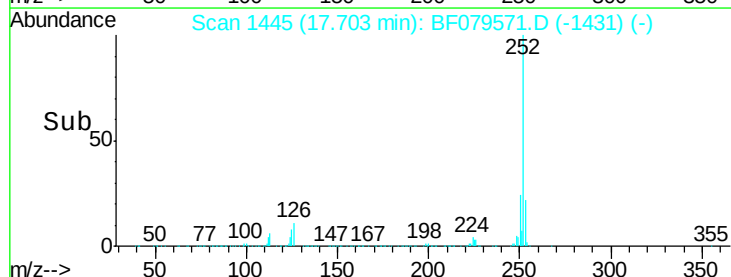
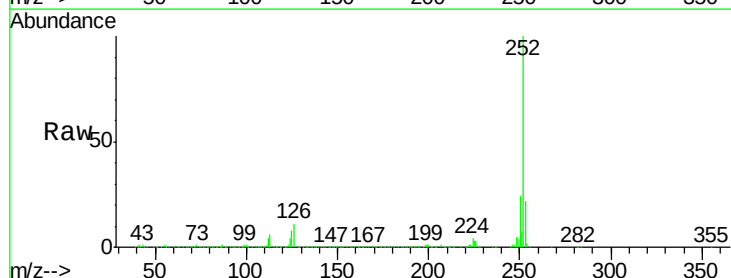
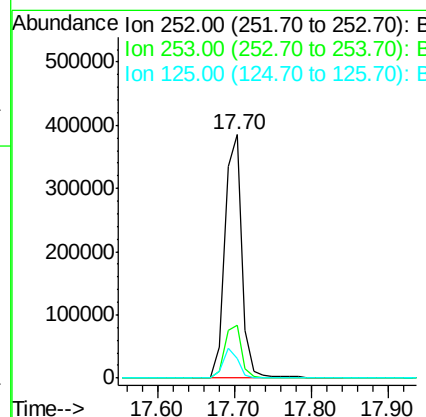
Manual Integrations
APPROVED

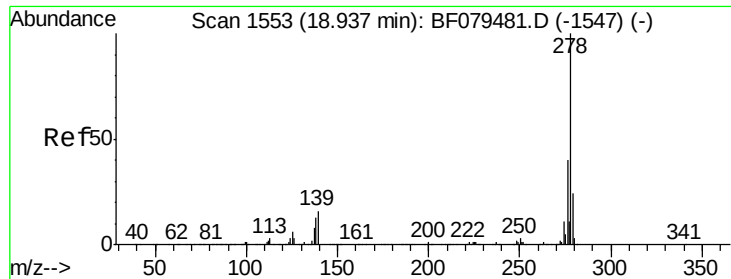
apatel
6/1/2015 4:21:08 PM



#89
Benzo(a)pyrene
Concen: 32.18 ng
RT: 17.70 min Scan# 1445
Delta R.T. -0.03 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	8.2	7.9	11.9





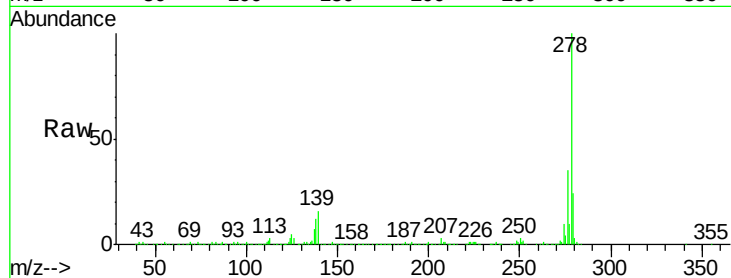
#90
Dibenzo(a,h)anthracene
Concen: 30.92 ng
RT: 19.19 min Scan# 1575
Delta R.T. -0.06 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Instrument :
BNA_F
ClientSampleId :
MW-05MS

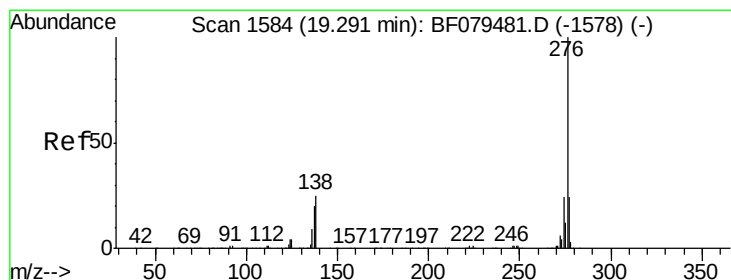
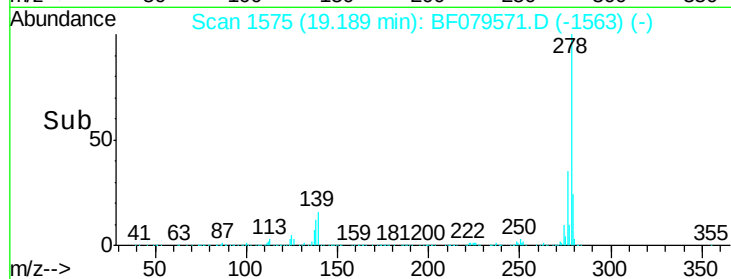
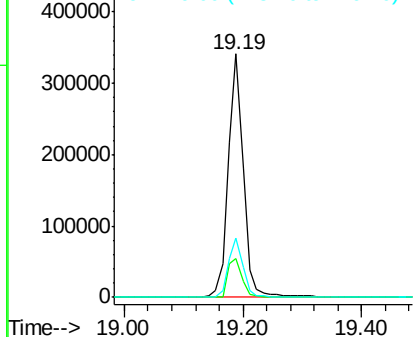
Tot Ion:	278	Resp:	600413
Ion Ratio	Lower	Upper	
278	100		
139	15.9	12.8	19.2
279	24.4	19.1	28.7

Manual Integrations
APPROVED

apatel
6/1/2015 4:21:08 PM

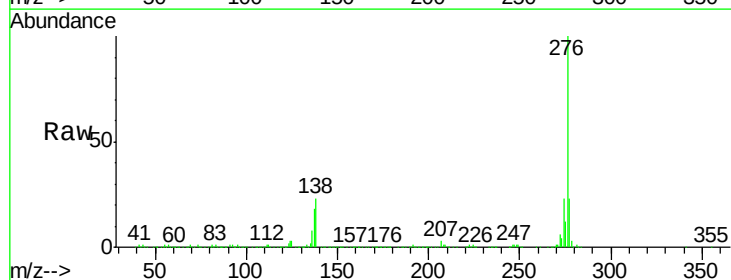


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 31.91 ng
RT: 19.54 min Scan# 1606
Delta R.T. -0.06 min
Lab File: BF079571.D
Acq: 29 May 2015 20:35

Tgt Ion:	276	Resp:	609685
Ion Ratio	Lower	Upper	
276	100		
277	23.1	19.1	28.7
138	22.6	20.1	30.1



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

